

REPORT ON THICKNESS MEASUREMENT

测 厚 报 告



SHIP'S NAME: XIN BIN HAI

THICKNESS MEASUREMENT SERVICE OF COMPANY HAVE BEEN APPROVED BY:

CCS; ABS; LR; DNV; GL; NK; BV; CR; KR; RS; I R AND RINA.

本公司的测厚业务已经获得如下船级社的认可:

CCS; ABS; LR; DNV; GL; NK; BV; CR; KR; RS; I R AND RINA.

中兴海陆工程有限公司

ZHONGXING SEA-LAND ENGINEERING CO., LTD

ADD: GUANG JIANG ROAD, HUANGPU GUANGZHOU, P. R. CHINA



Thickness Measurement Report

Ship's Name: XIN BIN HAI

LR/IMO Number: 9492098

TM Report Number: ZSN2066110

General Particulars

Ship Particulars			
Flag	: PANAMA	Port of Registry	: PANAMA
ESP Ship	: Yes	Ship Type	: Single Skin Bulk Carrier
Rule Length [m]	: 294.47	Gross Tons	: 94,863
Deadweight (t)	: 180,085.7	Date of Build	: 22 March 2010

Survey Details			
Classification Society	: LR - Lloyd's Register	Place of Measurement	: ZHOUSHAN LONGSHAN SHIPYARD
First Date of Measurement	: 22 March 2020	Last Date of Measurement	: 30 March 2020
Survey Type	: SSII	Rule Type	: CSR
Ship Category	:	Details of Measurement Equipment	: CYGNUS II 3664
Job Status	: Complete (X)		

TM Company Details			
Name of Company Performing Thickness Measurement	: ZHONGXING SEA-LAND ENGINEERING CO.,LTD.		
Thickness Measurement Company certified by	: Lloyd's Register EMEA	Certificate Number	: MNDE/2017/8018
Certificate Valid From	: 02 August 2017	Certificate Valid To	: 02 August 2020

Authorisation		
TM Operator's Details	Attending Surveyor's Details	Authorising Surveyor's Details
Name: WANG ShiHong	Name: Ding Pengpeng	Name:
Signature: 	Signature: 	Signature:
Stamp: 	Stamp: 	Stamp:

Notes

测 厚 报 告
THICKNESS MEASUREMENT REPORT



靠泊港口
Inspection Port

舟山
ZHOU SHAN

检测报告编号
Report No.

20200107050439

船名 Name of Ship	新滨海 XIN BIN HAI	船旗国 Flag	巴拿马 PANAMA
船籍港 Port of Reg.	巴拿马 PANAMA	IMO No.	9492098
船舶建造日期 Date of Build	2020-03-22		
检验种类 Type of Survey	换证检验 Renewal Survey		

主要项目描述 (MAIN CONTENTS)

- 1、 CARGO HOLD
- 2、 ALL W. B. T
- 3、 ALL HATCH COVER AND COAMING
- 4、 F. P. T AND A. P. T
- Etc. CROSS DECK

操作员

王仕鸿

质检员

肖高峰

Inspector

Wang Shi Hong

Supervisor

Xiao Gao Feng

技术负责人

邓国权

下次检修日期

2021-04-26

Quality Manager

Deng Guo Quan

Date of next inspection

签发日期

2020-04-27

检修站 (盖章)

中兴海陆工程有限公司

Date of issue

Service Station(Stamp)

ZHONG XING SEA-LAND ENGINEERING CO.,LTD

声明:

- 1、此报告附有经本公司签署的相应检验/测试记录。
- 2、本公司对此报告的真实有效性负法律责任。

Statement:

- 1.The captioned company signed inspection records shall be attached to the report.
- 2.The captioned company will take legal responsibility for the validity and authenticity of this report

地址: 黄埔区双沙尾广江路268号

Add: No. 268, Guangjiang Road, Shuangshawei, Huangpu, Guangzhou, Guangdong

电话(Tel): 13922960948

传真(Fax): 020-82387288

邮箱(Email): dengguoquan@cosco-shipyard.com





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Table of Contents

	Page No.
LR 2017-2020	6
WSH CCS-2019-UT-II-369RN	8
3664	9
General Particulars Form	10

TM Forms / Sketches

Survey Requirement / Sketch Name	Space / Comp / Section	Location of Structure / Sketch	TM Form No.	Page No.
Transverse Sections	Transverse Section No. 1	Deck Zone	CSR TM2~3	13
Transverse Sections	Transverse Section No. 1	Neutral Axis Zone	CSR TM2~3	14
DECK TRANS. SECTION FR.199-200				16
Transverse Sections	Transverse Section No. 2	Deck Zone	CSR TM2~3	18
Transverse Sections	Transverse Section No. 2	Neutral Axis Zone	CSR TM2~3	19
DECK TRANS. SECTION FR.151-152				21
Transverse Sections - Longitudinal Strength Assessment	Transverse Section No. 1	Frame No. 199/200	CSR TM8	23
Transverse Sections - Longitudinal Strength Assessment	Transverse Section No. 2	Frame No. 151/152	CSR TM8	24
Cargo Holds – Shell Frames	Cargo Holds	Cargo Hold No.1	CSR TM7	26
Cargo Holds – Shell Frames	Cargo Holds	Cargo Hold No.2	CSR TM7	43
Cargo Holds – Shell Frames	Cargo Holds	Cargo Hold No.3	CSR TM7	53
Cargo Holds – Shell Frames	Cargo Holds	Cargo Hold No.4	CSR TM7	62
Cargo Holds – Shell Frames	Cargo Holds	Cargo Hold No.5	CSR TM7	71
Cargo Holds – Shell Frames	Cargo Holds	Cargo Hold No.6	CSR TM7	80
Cargo Holds – Shell Frames	Cargo Holds	Cargo Hold No.7	CSR TM7	89
Cargo Holds – Shell Frames	Cargo Holds	Cargo Hold No.8	CSR TM7	98
Cargo Holds – Shell Frames	Cargo Holds	Cargo Hold No.9	CSR TM7	107
FRAME				117
Cargo Holds – Transverse Bulkheads	Bulkhead Between Cargo Hold Nos. NO.1	Frame No. 305	CSR TM5	119
HOLD BHD FR.305				126
Cargo Holds – Transverse Bulkheads	Bulkhead Between Cargo Hold Nos. 1/2	Frame No.277	CSR TM5	128
HOLD BHD FR.277				138
Cargo Holds – Transverse Bulkheads	Bulkhead Between Cargo Hold Nos. 2/3	Frame No. 248	CSR TM5	140
HOLD BHD FR.248				150
Cargo Holds – Transverse Bulkheads	Bulkhead Between Cargo Hold Nos. 3/4	Frame No. 219	CSR TM5	152
HOLD BHD FR.219				162
Cargo Holds – Transverse Bulkheads	Bulkhead Between Cargo Hold Nos. 4/5	Frame No. 190	CSR TM5	164
HOLD BHD FR.190				174
Cargo Holds – Transverse Bulkheads	Bulkhead Between Cargo Hold Nos. 5/6	Frame No. 161	CSR TM5	176
HOLD BHD FR.161				186
Cargo Holds – Transverse Bulkheads	Bulkhead Between Cargo Hold Nos. 6/7	Frame No. 132	CSR TM5	188
HOLD BHD FR.132				198
Cargo Holds – Transverse Bulkheads	Bulkhead Between Cargo Hold Nos. 7/8	Frame No. 103	CSR TM5	200
HOLD BHD FR.103				210
Cargo Holds – Transverse Bulkheads	Bulkhead Between Cargo Hold Nos. 8/9	Frame No. 74	CSR TM5	212
HOLD BHD FR.74				222
Cargo Holds – Transverse Bulkheads	Engine Room Bulkhead	Frame No. 45-47	CSR TM5	224
HOLD BHD FR.45-47				228
WB Tanks - Transverse Web Frames	Double Bottom Tank No. 1	Frame No. 281	CSR TM4	230
DBT 1 WEB FR.281				238
WB Tanks - Transverse Web Frames	Double Bottom Tank No. 2	Frame No. 253	CSR TM4	240
DBT 2 WEB FR.253				249
WB Tanks - Transverse Web Frames	Double Bottom Tank No. 3	Frame No. 230	CSR TM4	251
DBT 3 WEB FR.230				260
WB Tanks - Transverse Web Frames	Double Bottom Tank No. 4	Frame No. 204	CSR TM4	262
DBT 4 WEB FR.204				271
WB Tanks - Transverse Web Frames	Double Bottom Tank No. 5	Frame No.172	CSR TM4	273
DBT 5 WEB FR.172				282
WB Tanks - Transverse Web Frames	Double Bottom Tank No. 6	Frame No.143	CSR TM4	284
DBT 6 WEB FR.143				293



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames	Double Bottom Tank No. 7	Frame No.129	CSR TM4	295
DBT 7 WEB FR.129				304
WB Tanks - Transverse Web Frames	Double Bottom Tank No. 8	Frame No. 100	CSR TM4	306
DBT 8 WEB FR.100				315
WB Tanks - Transverse Web Frames	Double Bottom Tank No. 9	Frame No.71	CSR TM4	317
DBT 9 WEB FR.71				325
WB Tanks - Transverse Web Frames	Topside Tank No. 1	Frame No. 282	CSR TM4	327
TST 1 WEB FR.282				332
WB Tanks - Transverse Web Frames	Topside Tank No. 2	Frame No. 259	CSR TM4	334
TST 2 WEB FR.259				339
WB Tanks - Transverse Web Frames	Topside Tank No. 3	Frame No. 230	CSR TM4	341
TST 3 WEB FR.230				346
WB Tanks - Transverse Web Frames	Topside Tank No. 4	Frame No.201	CSR TM4	348
TST 4 WEB FR.201				354
WB Tanks - Transverse Web Frames	Topside Tank No. 5	Frame No. 172	CSR TM4	356
TST 5 WEB FR.172				362
WB Tanks - Transverse Web Frames	Topside Tank No. 6	Frame No. 143	CSR TM4	364
TST 6 WEB FR.143				370
WB Tanks - Transverse Web Frames	Topside Tank No. 7	Frame No. 120	CSR TM4	372
TST 7 WEB FR.120				378
WB Tanks - Transverse Web Frames	Topside Tank No. 8	Frame No. 91	CSR TM4	380
TST 8 WEB FR.91				383
WB Tanks - Transverse Web Frames	Topside Tank No. 9	Frame No. 68	CSR TM4	385
TST 9 WEB FR.68				388
WB Tanks – Transverse Bulkheads	Topside Tank No. 6	Frame No. 132	CSR TM5	390
WB Tanks – Transverse Bulkheads	Topside Tank No. 6	Frame No. 161	CSR TM5	392
TST BHD FR.132,161				395
WB Tanks – Transverse Bulkheads	Double Bottom Tank No. 6	Frame No. 132	CSR TM5	397
WB Tanks – Transverse Bulkheads	Double Bottom Tank No. 6	Frame No. 161	CSR TM5	400
DBT BHD FR.132,161				404
Hatch Covers and Coamings	Hatch No. 1	Hatch Cover NO.1 C/H	CSR TM6	406
Hatch Covers and Coamings	Hatch No. 1	Hatch Coaming NO.1 C/H	CSR TM6	410
CH 1 COVER				415
CH 1,9 COAMING				416
Hatch Covers and Coamings	Hatch No. 2	Hatch Cover NO.2 C/H	CSR TM6	418
Hatch Covers and Coamings	Hatch No. 2	Hatch Coaming NO.2 C/H	CSR TM6	423
CH 2 COVER				428
CH 2-8 COAMING				429
Hatch Covers and Coamings	Hatch No. 3	Hatch Cover NO.3 C/H	CSR TM6	431
Hatch Covers and Coamings	Hatch No. 3	Hatch Coaming NO.3 C/H	CSR TM6	436
CH 3 COVER				441
CH 2-8 COAMING				442
Hatch Covers and Coamings	Hatch No. 4	Hatch Cover NO.4 C/H	CSR TM6	444
Hatch Covers and Coamings	Hatch No. 4	Hatch Coaming NO.4 C/H	CSR TM6	449
CH 2-8 COAMING				454
CH 4 COVER				455
Hatch Covers and Coamings	Hatch No. 5	Hatch Cover NO.5 C/H	CSR TM6	457
Hatch Covers and Coamings	Hatch No. 5	Hatch Coaming NO.5 C/H	CSR TM6	462
CH 2-8 COAMING				467
CH 5 COVER				468
Hatch Covers and Coamings	Hatch No. 6	Hatch Cover NO.6 C/H	CSR TM6	470
Hatch Covers and Coamings	Hatch No. 6	Hatch Coaming NO.6 C/H	CSR TM6	475
CH 2-8 COAMING				480
CH 6 COVER				481
Hatch Covers and Coamings	Hatch No. 7	Hatch Cover NO.7 C/H	CSR TM6	483
Hatch Covers and Coamings	Hatch No. 7	Hatch Coaming NO.7 C/H	CSR TM6	488
CH 2-8 COAMING				493
CH 7 COVER				494
Hatch Covers and Coamings	Hatch No. 8	Hatch Cover NO.8 C/H	CSR TM6	496
Hatch Covers and Coamings	Hatch No. 8	Hatch Coaming NO.8 C/H	CSR TM6	501
CH 2-8 COAMING				506
CH 8 COVER				507
Hatch Covers and Coamings	Hatch No. 9	Hatch Cover NO.9 C/H	CSR TM6	509
Hatch Covers and Coamings	Hatch No. 9	Hatch Coaming NO.9 C/H	CSR TM6	513
CH 1,9 COAMING				518
CH 9 COVER				519
Cross Deck Strips and Underdeck Structure in way	Deck Plating inside line of hatch openings	CROSS DECK PLATE	CSR TM6	521
CROSS DECK				525
Cross Deck Strips and Underdeck Structure in way	Underdeck Structure inside line of hatch openings	UNDER STRUCTURE	CSR TM6	527



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

CROSS DECK				538
Wind and Water Strakes	Wind and Water Strakes Plating	Strake N	CSR TM1	540
Wind and Water Strakes	Wind and Water Strakes Plating	Strake M	CSR TM1	542
WIND AND WATER STRAKE				545
Peak Tanks – Transverse Webs and Bulkheads	Fore Peak	Transverse Web - Frame No. 309	CSR TM4	547
FPT WEB FR.309				551
Peak Tanks – Transverse Webs and Bulkheads	Aft Peak	Transverse Web - Frame No. 10	CSR TM4	553
APT WEB FR.10				556
Sea Chests and Side Shell Plating IWO Overboard Discharges	Side Shell Plating IWO Overboard Discharges	FR.25--49 IN E/R	CSR TM6	558
PIPES I.W.O. OVERBARD DISCHARGE				563
Sea Chests and Side Shell Plating IWO Overboard Discharges	Sea Chests	FR.37-44	CSR TM6	565
SEA CHEST				570



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Supporting Documents



Page 1 of 2

Certificate No: MNDE/2017/8018
Date of Issue: 17 July 2017
Valid From: 02 August 2017
Issue Office: Southampton GTC
LR File Ref: MNDE/40867

Lloyd's Register Approved Service Supplier

This is to Certify:

***Zhong Xing Sea-Land Engineering Co., Ltd.
No.268, Guangjiang Road
Shuangsha Wei, Huangpu,
Guangzhou
China, People's Republic Of***

has been assessed and approved in accordance with the requirements of *Lloyd's Register Approval for Thickness Measurement of Hull Structure* as a service supplier for the provision of

Thickness Measurements of Hull Structure

made in accordance with LR's relevant Rules and Regulations for Classification as amended from time to time. The thickness measurements may be used by the surveyors or shipowners' representatives when making decisions affecting classification, statutory certification or the operation of the ship.

Personnel Authorised to carry out Thickness Measurement Survey's pertinent to this approval are listed on page 2 of 2.

The approval is conditional upon the firm maintaining the audited scheme and notifying Lloyd's Register of any significant changes in personnel, equipment or procedures.

This certificate is issued to the above firm and is valid until the date given below.

Expiry Date: 02 August 2020

Philip Leaver
Senior Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group



A member of the Lloyd's Register group. Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Page 2 of 2

Certificate No: MNDE/2017/8018
Date of Issue: 17 July 2017
Valid From: 02 August 2017
Issue Office: Southampton GTC
LR File Ref: MNDE/40867

Lloyd's Register Approved Service Supplier

List of Approved Personnel

Supervisors

Jiao Hong Wei
Deng Guo Quan
Zhang Yue Rong
Zheng Wen Bin
Liang Gui Min
He Zhi Qiang
Xie Shao Hua
Wu Wei
Zhang Meng Gang
Xiao Gao Feng
Bian Yang

Operators

Liu Dong Yu
Yang Sheng Li
Liu Bin
Guan Hua Zan
Chi Zhen Ming
Deng Xiu Hua
Wang Wen Jun
Wang Da
Wang Shi Hong

A handwritten signature in black ink.

Philip Leaver
Senior Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group



A member of the Lloyd's Register group. Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



中国船级社

China Classification Society

无损检测人员水平认证证书

Level Certificate of Non-destructive Testing Personnel

本证书依据中国船级社《无损检测人员水平鉴定与认证指南》签发

This certificate is issued under the provisions of guidelines for Qualification and Certification
of Non-Destructive Testing Personnel

证书编号: CCS-2019-UT-II-369RN

Certificate No:

姓名: 王仕鸿 Name:	性别: 男 Sex:	
身份证号: 511923198907063976 ID No.:		
工作单位: 中兴海陆工程有限公司 Employer:		
<p>兹证明本证书持有人已通过中国船级社无损检测人员水平认证, 具备从事本证书规定范围内的无损检测工作的能力。</p> <p>It is issued to certify that the holder has been qualified by China Classification Society and is able to undertake non-destructive testing of the category specified in the certificate.</p>		
检测方法: UT Category:	检测等级: II Level:	
本证书有效期至: The certificate is valid until:	2024.08.30	
发证日期: Issued on:	2019.08.31	
发证机构 (章): Institution of Issue:	中国船级社 China Classification Society	

1、本社进行的无损检测人员水平认证, 并不能替代证书持有人所在的工作单位所进行的质量控制活动。本证书的内容并不能减轻船舶设计方、建造方、拥有方、制造方、销售方、供应方、修理方、营运方, 以及其他方应承担的任何责任。

The NDT inspector's qualification test carried out by this society can not replace the action of quality control of the Certificate holder. The contents of this certificate do not diminish any liability of the designers, builders, owners, manufacturers, sellers, suppliers, repairers, operators and other parties.

2、本证书仅限证书持有人向本社、国家主管机关和证书持有人所在工作单位证明其具备从事本证书规定范围内无损检测工作的资质。本证书的内容不构成本社对国家主管机关、证书持有人和其所在工作单位以外的任何机构和人员的任何保证。国家主管机关、证书持有人和其所在工作单位以外的任何机构和人员因信赖本证书的内容, 导致的一切损失, 本社概不负责。

This certificate is limited to the certificate holder to prove to this society, the state administration and his/her employer that he/she is qualified to undertake the NDT inspection specified in this certificate. The contents of this certificate do not constitute any guarantee of this society to any organization or personnel other than the state administration, the certificate holder and his/her employer. This society will not be liable for any loss of any results of trusting the contents of this certificate by any organization or personnel other than the state administration, the certificate holder and his/her employer.

3、本证书持有人和其所在单位应对其向本社提供的信息、文件和证书的真实性负责

The certificate holder and his/her employer are responsible for the authenticity of the information, documents and certificates supplied to this society.



中国认可
国际互认
校准
CALIBRATION
CNAS L1003



证书编号：
Certificate No.

919018722-001

第 1 页 共 3 页

Page of

南通市计量检定测试所

Nantong Institute of Metrology and Measurement

校准证书

Calibration Certificate

委托单位：

中兴海陆工程有限公司

Customer

委托单位地址：

南通市中远路1号（中远船务厂内）

Address of customer

计量器具名称：

超声波测厚仪

Name of Instrument

型号规格：

CYGNUS-2

Type/Specification

出厂编号：

3664

Serial Number

设备编号：

Instrument Number

制造单位：

英国信固公司

Manufacturer

校准日期：

2019 - 09 - 16

接收日期：

2019 - 09 - 11

Date of Calibration

Receive Date

校准员

徐建国

Calibrated by

徐建国

核验员

施山菁

Checked by

施山菁

批准人

顾播

Approved by

顾播

职务

主任

Position

签发日期

2019 - 09 - 17

Date of Issue



(证书专用章)



地址：南通市国强路119号

电话：0513-51008715

查询电话：0513-51008726

Address: 119, Guoqiang Road, Nantong

Tel.

Tel. for inquire about

电子邮件：ntjls@ntjls.com.cn

网址：www.ntjls.com.cn

邮编：226011

E-mail

Web

PostCode



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM Forms / Sketches



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Transverse Sections - Transverse Section No. 1

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM2~3 - Transverse Sections - Deck, Shell, Bottom Plating & Longitudinal Members

Transverse Section :		No. 1											
Zone :		Deck Zone											
Frame No. :		Frame No. 199/200											
Tank / Compartment / Space	Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Plate / Profile / Width / Height (mm)	Port Reading			Starboard Reading			Comments
							Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
NO.4 T.S.T	MAIN DECK	DK1	32	0	28		31.6	3.6		31.3	3.3		
NO.4 T.S.T	MAIN DECK	DK2	32	0	28		31.5	3.5		31.2	3.2		
NO.4 T.S.T	MAIN DECK	DK3	32	0	28		31.3	3.3		31.4	3.4		
NO.4 T.S.T	MAIN DECK	DK4	32	0	28		31.5	3.5		31.5	3.5		
NO.4 T.S.T	MAIN DECK	DK5	32	0	28		31.2	3.2		31.3	3.3		
NO.4 T.S.T	DECK LONGL.	1	32	0	28		31.7	3.7		31.8	3.8		
NO.4 T.S.T	DECK LONGL.	2	32	0	28		31.8	3.8		31.7	3.7		
NO.4 T.S.T	DECK LONGL.	3	32	0	28		31.6	3.6		31.9	3.9		
NO.4 T.S.T	DECK LONGL.	4	32	0	28		31.7	3.7		31.7	3.7		
NO.4 T.S.T	DECK LONGL.	5	32	0	28		31.8	3.8		31.6	3.6		
NO.4 T.S.T	DECK LONGL.	6	32	0	28		31.9	3.9		31.6	3.6		
NO.4 T.S.T	DECK LONGL.	7	32	0	28		31.8	3.8		31.7	3.7		
NO.4 T.S.T	DECK LONGL.	8	32	0	28		31.8	3.8		31.7	3.7		
NO.4 T.S.T	DECK LONGL.	9	32	0	28		31.9	3.9		31.9	3.9		
NO.4 T.S.T	DECK LONGL.	10	32	0	28		31.7	3.7		31.8	3.8		
NO.4 T.S.T	DECK LONGL.	11	32	0	28		31.9	3.9		31.9	3.9		
NO.4 T.S.T	DECK LONGL.	12	32	0	28		31.7	3.7		31.7	3.7		
NO.4 T.S.T	DECK LONGL.	13	32	0	28		31.9	3.9		31.9	3.9		
NO.4 T.S.T	DECK GIRDER	DG	26	0	22		25.7	3.7		25.8	3.8		
NO.4 T.S.T	SHEER STRAKES	S	26	0	22.5		25.9	3.4		25.9	3.4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM2~3 - Transverse Sections - Deck, Shell, Bottom Plating & Longitudinal Members

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

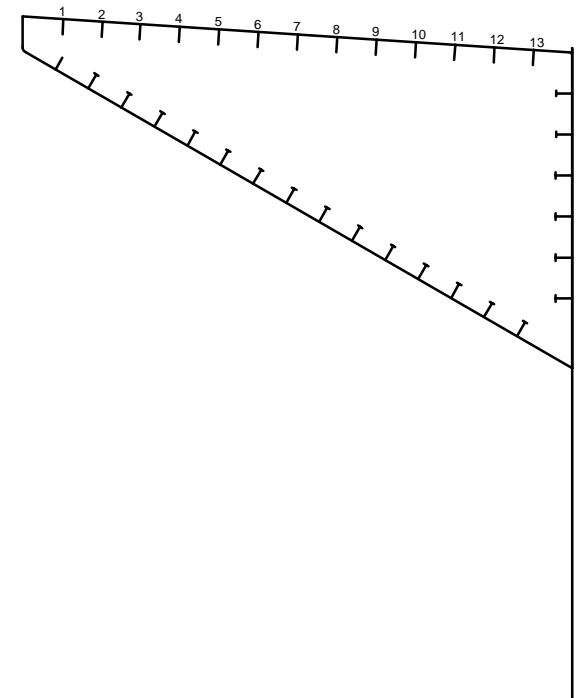
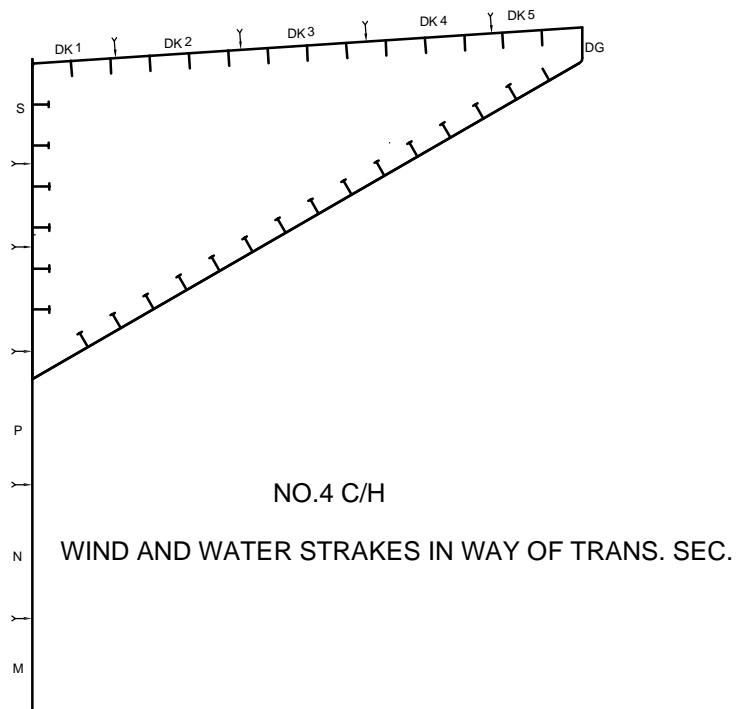
TM Report No : ZSN2066110

Transverse Sections - Transverse Section No. 1

TM Sketches

TRANS.SEC. OF DECK PLATING

FR. 199/200





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Transverse Sections - Transverse Section No. 2

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM2~3 - Transverse Sections - Deck, Shell, Bottom Plating & Longitudinal Members

Transverse Section :		No. 2											
Zone :		Deck Zone											
Frame No. :		Frame No. 151/152											
Tank / Compartment / Space	Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Plate / Profile / Width / Height (mm)	Port Reading			Starboard Reading			Comments
							Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
NO.6 T.S.T	MAIN DECK	DK1	34	0	30		33.1	3.1		33.5	3.5		
NO.6 T.S.T	MAIN DECK	DK2	34	0	30		33.3	3.3		33.4	3.4		
NO.6 T.S.T	MAIN DECK	DK3	34	0	30		33.4	3.4		33.6	3.6		
NO.6 T.S.T	MAIN DECK	DK4	34	0	30		33.5	3.5		33.3	3.3		
NO.6 T.S.T	MAIN DECK	DK5	34	0	30		33.2	3.2		33.4	3.4		
NO.6 T.S.T	DECK LONGL.	1	32	0	28		31.6	3.6		31.8	3.8		
NO.6 T.S.T	DECK LONGL.	2	32	0	28		31.9	3.9		31.8	3.8		
NO.6 T.S.T	DECK LONGL.	3	32	0	28		31.8	3.8		31.9	3.9		
NO.6 T.S.T	DECK LONGL.	4	32	0	28		31.7	3.7		31.8	3.8		
NO.6 T.S.T	DECK LONGL.	5	32	0	28		31.6	3.6		31.9	3.9		
NO.6 T.S.T	DECK LONGL.	6	32	0	28		31.8	3.8		31.7	3.7		
NO.6 T.S.T	DECK LONGL.	7	32	0	28		31.9	3.9		31.9	3.9		
NO.6 T.S.T	DECK LONGL.	8	32	0	28		31.9	3.9		31.7	3.7		
NO.6 T.S.T	DECK LONGL.	9	32	0	28		31.7	3.7		31.9	3.9		
NO.6 T.S.T	DECK LONGL.	10	32	0	28		31.6	3.6		31.8	3.8		
NO.6 T.S.T	DECK LONGL.	11	32	0	28		31.6	3.6		31.8	3.8		
NO.6 T.S.T	DECK LONGL.	12	32	0	28		31.7	3.7		31.7	3.7		
NO.6 T.S.T	DECK LONGL.	13	32	0	28		31.9	3.9		31.9	3.9		
NO.6 T.S.T	DECK GIRDER	DG	26	0	22		25.9	3.9		25.7	3.7		
NO.6 T.S.T	SHEER STRAKES	S	26	0	22.5		25.7	3.2		25.8	3.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



TM Report No : ZSN2066110

TM2~3 - Transverse Sections - Deck, Shell, Bottom Plating & Longitudinal Members

Page 19 of 571



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

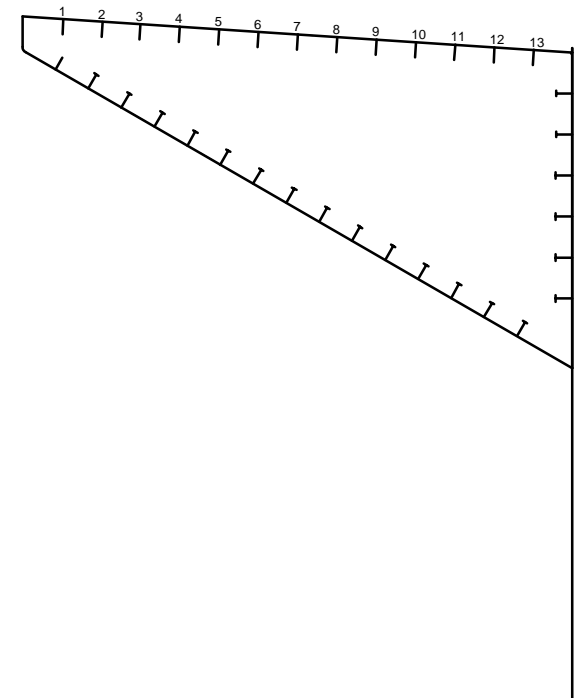
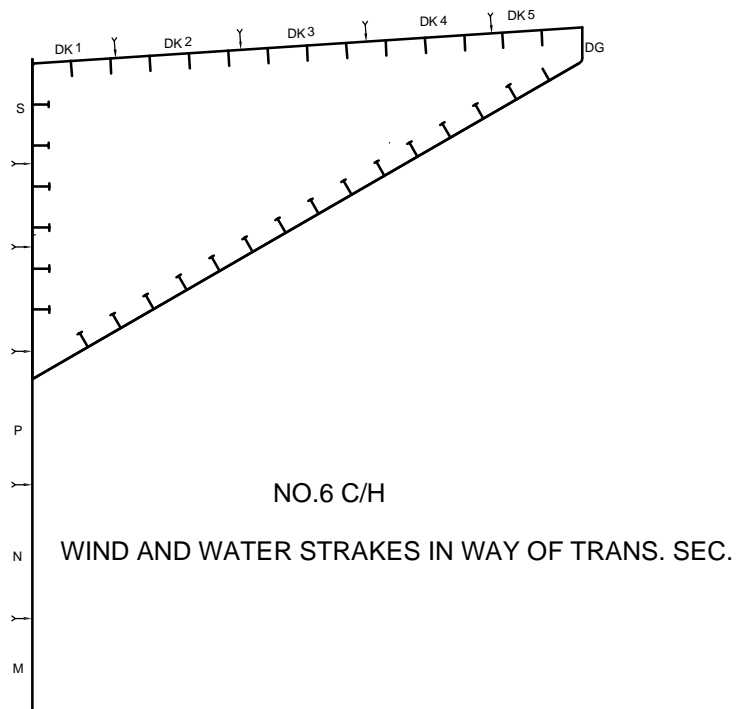
TM Report No : ZSN2066110

Transverse Sections - Transverse Section No. 2

TM Sketches

TRANS.SEC. OF DECK PLATING

FR. 151/152





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Transverse Section Area Assessments - Transverse Section No. 1

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM8 - Transverse Sections - Longitudinal Strength Assessment

Transverse Section :		No. 1		
Frame No. :		Frame No. 199/200		
Area Assessment of Hull Girder Strength				
Zone	Actual (cm ²)	Rule (cm ²)	Reduction (%)	Acceptance Criteria (%)
Deck Zone				10
Bottom Zone				10
Zone	Actual (cm ²)	Zone Area (t _{ren}) with 50% of Mean Corrosion Addition (cm ²)	Acceptance (Yes/No)	Acceptance Criteria
Neutral Axis Zone				Actual ≥ Zone Area (t _{ren}) with 50% of Mean Corrosion Addition

● Non-Acceptable

Name of TM Operator: WANG ShiHong

Name of LR Attending Surveyor: Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM8 - Transverse Sections - Longitudinal Strength Assessment

Transverse Section :		No. 2		
Frame No. :		Frame No. 151/152		
Area Assessment of Hull Girder Strength				
Zone	Actual (cm ²)	Rule (cm ²)	Reduction (%)	Acceptance Criteria (%)
Deck Zone				10
Bottom Zone				10
Zone	Actual (cm ²)	Zone Area (t _{ren}) with 50% of Mean Corrosion Addition (cm ²)	Acceptance (Yes/No)	Acceptance Criteria
Neutral Axis Zone				Actual ≥ Zone Area (t _{ren}) with 50% of Mean Corrosion Addition

● Non-Acceptable

Name of TM Operator: WANG ShiHong

Name of LR Attending Surveyor: Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Cargo Holds – Shell Frames - Cargo Holds TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.1									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.279											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.9	4.4		17.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.7	4.2		17.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	30	0	26	29.7	3.7		29.6	3.6		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.8	4.3		17.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.5	4		24.4	3.9		
5--SIDE SHELL PL.	MID. PART	30	0	26	29.6	3.6		29.7	3.7		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.7	4.7		19.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.7	3.7		23.9	3.9		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.8	4.3		17.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.7	3.2		
5--SIDE SHELL PL.	LOWER PART	30	0	26	29.4	3.4		29.5	3.5		
FR.280											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.8	4.3		17.9	4.4		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.9	4.4		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.7	4.2		17.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	26.5	0	22.5	26.2	3.7		26.1	3.6		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.9	4.4		17.8	4.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.1									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.4	3.9		
5--SIDE SHELL PL.	MID. PART	26.5	0	22.5	26.2	3.7		26.3	3.8		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.8	4.8		19.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.9	3.9		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.8	4.3		17.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.7	3.2		23.8	3.3		
5--SIDE SHELL PL.	LOWER PART	30	0	26	29.6	3.6		29.7	3.7		
FR.281											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.7	4.2		17.9	4.4		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.8	4.3		17.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	19	0	15	18.7	3.7		18.6	3.6		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.9	4.4		17.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	19	0	15	18.7	3.7		18.9	3.9		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.8	4.8		19.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.7	3.7		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.9	4.4		17.6	4.1		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.8	3.3		23.6	3.1		
5--SIDE SHELL PL.	LOWER PART	30	0	26	29.7	3.7		29.8	3.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.1									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.282											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.7	4.2		17.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.8	4.3		17.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	19	0	15	18.8	3.8		18.7	3.7		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.9	4.4		17.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.5	4		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	19	0	15	17.8	2.8		18.8	3.8		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.7	4.7		19.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.9	3.9		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.8	4.3		17.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.7	3.2		23.6	3.1		
5--SIDE SHELL PL.	LOWER PART	26.5	0	22.5	26.2	3.7		26.3	3.8		
FR.283											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.8	4.3		17.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.9	4.4		17.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	18.5	0	14.5	18.3	3.8		18.2	3.7		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.8	4.3		17.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.1									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.4	3.9		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	18.5	0	14.5	18.4	3.9		18.4	3.9		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.8	4.8		19.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.3	3.3		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.8	4.3		17.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.7	3.2		
5--SIDE SHELL PL.	LOWER PART	26.5	0	22.5	26.2	3.7		26.2	3.7		
FR.284											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.7	4.2		17.9	4.4		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.9	4.4		17.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	18.5	0	14.5	18.4	3.9		18.3	3.8		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.8	4.3		17.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.4	3.9		
5--SIDE SHELL PL.	MID. PART	18.5	0	14.5	18.3	3.8		18.3	3.8		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.7	4.7		19.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.7	3.7		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.8	4.3		17.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.8	3.3		
5--SIDE SHELL PL.	LOWER PART	26.5	0	22.5	26.1	3.6		26.2	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.1									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.285											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.7	4.2		17.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.9	4.4		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.9	4.4		17.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	18.5	0	14.5	18.4	3.9		18.2	3.7		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.8	4.3		17.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.4	3.9		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	18.5	0	14.5	18.2	3.7		18.4	3.9		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.7	4.7		19.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.8	4.3		17.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.8	3.3		23.5	3		
5--SIDE SHELL PL.	LOWER PART	26.5	0	22.5	26.2	3.7		26.3	3.8		
FR.286											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.8	4.3		17.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.9	4.4		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.8	4.3		17.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.9	4.4		
5--SIDE SHELL PL.	UPPER PART	18.5	0	14.5	18.4	3.9		18.2	3.7		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.8	4.3		17.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.1									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.5	4		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	18.5	0	14.5	18.3	3.8		18.4	3.9		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.8	4.8		19.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.9	3.9		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.8	4.3		17.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.7	3.2		23.6	3.1		
5--SIDE SHELL PL.	LOWER PART	26.5	0	22.5	26.4	3.9		26.1	3.6		
FR.287											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.7	4.2		17.9	4.4		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.8	4.3		17.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	18.5	0	14.5	18.2	3.7		18.3	3.8		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.8	4.3		17.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.5	4		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	18.5	0	14.5	18.3	3.8		18.2	3.7		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.7	4.7		19.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.8	3.8		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.6	4.1		17.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.9	3.4		23.5	3		
5--SIDE SHELL PL.	LOWER PART	19	0	15	18.7	3.7		18.8	3.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.1									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.288											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.7	4.2		17.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.9	4.4		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.8	4.3		17.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	18.5	0	14.5	18.1	3.6		18.4	3.9		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.8	4.3		17.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	18.5	0	14.5	18.4	3.9		18.2	3.7		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.8	4.8		19.9	4.9		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.7	4.2		17.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.7	3.2		
5--SIDE SHELL PL.	LOWER PART	19	0	15	18.7	3.7		18.6	3.6		
FR.289											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.8	4.3		17.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.9	4.4		17.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
5--SIDE SHELL PL.	UPPER PART	18.5	0	14.5	18.4	3.9		18.4	3.9		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.7	4.2		17.8	4.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.1									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	18.5	0	14.5	18.4	3.9		18.3	3.8		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.8	4.8		19.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.7	3.7		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.8	4.3		17.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.5	3		
5--SIDE SHELL PL.	LOWER PART	19	0	15	18.7	3.7		18.6	3.6		
FR.290											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.9	4.4		17.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.7	4.2		17.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	18.5	0	14.5	18.3	3.8		18.4	3.9		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.7	4.2		17.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.1	3.6		24.4	3.9		
5--SIDE SHELL PL.	MID. PART	18.5	0	14.5	18.4	3.9		18.3	3.8		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.7	4.7		19.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.7	4.2		17.9	4.4		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.2	2.7		23.7	3.2		
5--SIDE SHELL PL.	LOWER PART	19	0	15	18.7	3.7		18.6	3.6		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.1									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.291											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.8	4.3		17.9	4.4		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.6	4.1		17.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.5	4		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	18.5	0	14.5	18.2	3.7		18.3	3.8		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.8	4.3		17.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.4	3.9		
5--SIDE SHELL PL.	MID. PART	18.5	0	14.5	18.4	3.9		18.1	3.6		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.8	4.8		19.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.4	3.4		24.1	4.1		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.7	4.2		17.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.8	3.3		
5--SIDE SHELL PL.	LOWER PART	19	0	15	18.6	3.6		18.7	3.7		
FR.292											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.7	4.2		17.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.9	4.4		17.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	18.5	0	14.5	18.3	3.8		18.4	3.9		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.8	4.3		17.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.1									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.5	4		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	18.5	0	14.5	18.4	3.9		18.3	3.8		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.7	4.7		19.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.7	3.7		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.6	4.1		17.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.5	3		
5--SIDE SHELL PL.	LOWER PART	19	0	15	18.8	3.8		18.7	3.7		
FR.293											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.6	4.1		17.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.8	4.3		17.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	18.5	0	14.5	18.4	3.9		18.2	3.7		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.7	4.2		17.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	18.5	0	14.5	18.2	3.7		18.3	3.8		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.7	4.7		19.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.3	3.3		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.7	4.2		17.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.8	3.3		
5--SIDE SHELL PL.	LOWER PART	18.5	0	14.5	18.1	3.6		18.2	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.1									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.294											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.8	4.3		17.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.7	4.2		17.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	18.5	0	14.5	18.3	3.8		18.3	3.8		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.7	4.2		17.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.4	3.9		
5--SIDE SHELL PL.	MID. PART	18.5	0	14.5	18.3	3.8		18.2	3.7		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.7	4.7		19.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.7	4.2		17.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.5	3		
5--SIDE SHELL PL.	LOWER PART	18.5	0	14.5	18.2	3.7		18.3	3.8		
FR.295											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.7	4.2		17.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.8	4.3		17.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	18.5	0	14.5	18.3	3.8		18.3	3.8		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.7	4.2		17.9	4.4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.1									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	MID. PART	18.5	0	14.5	18.3	3.8		18.2	3.7		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.5	4.5		19.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.7	3.7		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.7	4.2		17.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.8	3.3		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	18.5	0	14.5	18.2	3.7		18.3	3.8		
FR.296											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.8	4.3		17.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.6	4.1		17.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	18.5	0	14.5	18.3	3.8		18.2	3.7		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.7	4.2		17.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.1	3.6		24.4	3.9		
5--SIDE SHELL PL.	MID. PART	18.5	0	14.5	18.3	3.8		18.7	4.2		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.7	4.7		19.6	4.6		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.4	3.4		23.8	3.8		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.7	4.2		17.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.7	3.2		
5--SIDE SHELL PL.	LOWER PART	18.5	0	14.5	18.4	3.9		18.4	3.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.1									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.297											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.8	4.3		17.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.7	4.2		17.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	18.5	0	14.5	18.4	3.9		18.2	3.7		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.7	4.2		17.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	18.5	0	14.5	18.3	3.8		18.3	3.8		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.7	4.7		19.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.9	4.4		17.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.7	3.2		23.5	3		
5--SIDE SHELL PL.	LOWER PART	18.5	0	14.5	18.2	3.7		18.3	3.8		
FR.298											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.7	4.2		17.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.6	4.1		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.6	4.1		17.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.5	4		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	18.5	0	14.5	18.3	3.8		18.3	3.8		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.7	4.2		17.8	4.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.1									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.4	3.9		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	18.5	0	14.5	18.3	3.8		18.2	3.7		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.7	4.7		19.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.9	4.4		17.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.3	2.8		23.6	3.1		
5--SIDE SHELL PL.	LOWER PART	18.5	0	14.5	18.2	3.7		18.3	3.8		
FR.299											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.8	4.3		17.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.7	4.2		17.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	18.5	0	14.5	18.3	3.8		18.3	3.8		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.7	4.2		17.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.4	3.9		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	18.5	0	14.5	18.2	3.7		18.3	3.8		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.6	4.6		19.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.7	4.2		17.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.7	3.2		
5--SIDE SHELL PL.	LOWER PART	18.5	0	14.5	18.2	3.7		18.1	3.6		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.1									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.300											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.8	4.3		17.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.9	4.4		17.6	4.1		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.5	4		24.9	4.4		
5--SIDE SHELL PL.	UPPER PART	18.5	0	14.5	18.3	3.8		18.2	3.7		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.6	4.1		17.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	18.5	0	14.5	18.4	3.9		18.3	3.8		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.5	4.5		19.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.7	4.2		17.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.7	3.2		
5--SIDE SHELL PL.	LOWER PART	18.5	0	14.5	18.1	3.6		18.2	3.7		
FR.301											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.8	4.3		17.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.7	4.2		17.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	18.5	0	14.5	18.3	3.8		18.3	3.8		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.7	4.2		17.8	4.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.1									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	18.5	0	14.5	18.3	3.8		18.2	3.7		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.7	4.7		19.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.7	3.7		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.6	4.1		17.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	18.5	0	14.5	18.1	3.6		18.3	3.8		
FR.302											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.9	4.4		17.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.9	4.4		17.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	18.5	0	14.5	18.2	3.7		18.2	3.7		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.7	4.2		17.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.1	3.6		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	18.5	0	14.5	18.3	3.8		18.3	3.8		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.7	4.7		19.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.7	3.7		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.8	4.3		17.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.6	3.1		
5--SIDE SHELL PL.	LOWER PART	18.5	0	14.5	18.2	3.7		18.3	3.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.1									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.303											
1--BKT.WEB PL.	UPPER PART	18	0	13.5	17.8	4.3		17.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	18	0	13.5	17.8	4.3		17.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	18.5	0	14.5	18.3	3.8		18.3	3.8		
3--FRAME WEB PL.	MID. PART	18	0	13.5	17.7	4.2		17.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	18.5	0	14.5	18.3	3.8		18.2	3.7		
1--BKT.WEB PL.	LOWER PART	20	0	15	19.7	4.7		19.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	18	0	13.5	17.6	4.1		17.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.3	2.8		
5--SIDE SHELL PL.	LOWER PART	18.5	0	14.5	18.1	3.6		18.2	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.2									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.250											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.9	4.4		15.6	4.1		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	25	0	21	24.7	3.7		24.6	3.6		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.1	3.6		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	25	0	21	24.6	3.6		24.9	3.9		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.3	3.3		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.6	4.1		15.6	4.1		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	25	0	21	24.7	3.7		24.6	3.6		
FR.252											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.6	4.1		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.6	4.1		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	20.5	0	16.5	20.3	3.8		20.2	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.8	4.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.2									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.4	3.9		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	20.5	0	16.5	20.3	3.8		20.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.3	2.8		23.5	3		
5--SIDE SHELL PL.	LOWER PART	25	0	21	24.6	3.6		24.7	3.7		
FR.254											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	30	0	26	29.6	3.6		29.8	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.6	4.1		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.4	3.9		
5--SIDE SHELL PL.	MID. PART	30	0	26	29.7	3.7		29.7	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.4	3.4		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.9	4.4		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.3	2.8		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	22	0	18	21.7	3.7		21.5	3.5		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.2									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.256											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.6	4.1		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	30	0	26	29.7	3.7		29.8	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	30	0	26	29.7	3.7		29.7	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.6	4.6		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.6	4.1		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.5	3		
5--SIDE SHELL PL.	LOWER PART	22	0	18	21.8	3.8		21.8	3.8		
FR.258											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.6	4.1		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.5	4		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	30	0	26	29.7	3.7		29.7	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.6	4.1		15.5	4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.2									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.4	3.9		
5--SIDE SHELL PL.	MID. PART	30	0	26	29.6	3.6		29.7	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.8	4.8		17.9	4.9		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.7	3.2		
5--SIDE SHELL PL.	LOWER PART	20.5	0	16.5	20.2	3.7		20.3	3.8		
FR.260											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.6	4.1		15.6	4.1		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	30	0	26	29.6	3.6		29.8	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.4	3.9		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	30	0	26	29.7	3.7		29.6	3.6		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.4	3.4		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.6	4.1		15.6	4.1		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.3	2.8		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	20.5	0	16.5	20.1	3.6		20.2	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.2									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.262											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.6	4.1		25.7	14.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.6	4.1		
5--SIDE SHELL PL.	UPPER PART	30	0	26	29.7	3.7		29.8	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.9	4.4		15.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.1	3.6		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	30	0	26	29.9	3.9		29.7	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.6	4.6		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.6	4.1		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.7	3.2		23.8	3.3		
5--SIDE SHELL PL.	LOWER PART	20.5	0	16.5	20.2	3.7		20.2	3.7		
FR.264											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	30	0	26	29.6	3.6		29.8	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.8	4.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.2									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	30	0	26	29.5	3.5		29.7	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.6	4.1		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.5	3		
5--SIDE SHELL PL.	LOWER PART	20.5	0	16.5	20.2	3.7		20.3	3.8		
FR.266											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.6	4.1		15.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	30	0	26	29.7	3.7		29.7	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.5	4		
5--SIDE SHELL PL.	MID. PART	30	0	26	29.7	3.7		29.5	3.5		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.5	4.5		17.6	4.6		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.7	3.7		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.6	4.1		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.3	2.8		23.6	3.1		
5--SIDE SHELL PL.	LOWER PART	22.5	0	18.5	22.3	3.8		22.1	3.6		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.2									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.268											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
5--SIDE SHELL PL.	UPPER PART	30	0	26	29.5	3.5		29.7	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.9	4.4		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.4	3.9		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	30	0	26	29.6	3.6		29.7	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.6	4.6		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.5	4		15.6	4.1		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.7	3.2		23.3	2.8		
5--SIDE SHELL PL.	LOWER PART	22.5	0	18.5	22.1	3.6		22.2	3.7		
FR.270											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.6	4.1		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.9	4.4		
5--SIDE SHELL PL.	UPPER PART	30	0	26	29.7	3.7		29.6	3.6		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.2									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	30	0	26	29.7	3.7		29.8	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.6	4.6		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.9	4.4		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.5	3		
5--SIDE SHELL PL.	LOWER PART	27	0	23	26.7	3.7		26.8	3.8		
FR.272											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.6	4.1		15.6	4.1		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	30	0	26	29.8	3.8		29.7	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	30	0	26	29.7	3.7		29.7	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.6	4.6		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.5	4		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.5	3		
5--SIDE SHELL PL.	LOWER PART	27	0	23	26.6	3.6		26.7	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.2									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.274											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.6	4.1		
5--SIDE SHELL PL.	UPPER PART	30	0	26	29.7	3.7		29.7	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	30	0	26	29.8	3.8		29.7	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.5	4		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	30	0	26	29.4	3.4		29.6	3.6		
FR.276											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.9	4.4		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	30	0	26	29.7	3.7		29.6	3.6		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.5	4		15.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.3									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.221											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.6	4.1		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	30	0	26	29.8	3.8		29.6	3.6		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.4	3.9		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	30	0	26	29.7	3.7		29.8	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.6	4.6		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.4	3.4		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.6	4.1		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	30	0	26	29.7	3.7		29.8	3.8		
FR.223											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.6	4.1		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.2	3.7		23.2	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.3									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.4	3.9		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.2	3.7		23.2	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.8	4.8		17.6	4.6		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.3	3.3		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.6	4.1		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.5	3		
5--SIDE SHELL PL.	LOWER PART	30	0	26	29.6	3.6		29.7	3.7		
FR.225											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.9	4.4		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.5	4		
5--SIDE SHELL PL.	UPPER PART	25	0	21	24.8	3.8		24.6	3.6		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.4	3.9		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	25	0	21	24.6	3.6		24.6	3.6		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.5	4.5		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.7	3.7		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.6	4.1		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.5	3		
5--SIDE SHELL PL.	LOWER PART	30	0	26	29.6	3.6		29.7	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.3									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.227											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
5--SIDE SHELL PL.	UPPER PART	25	0	21	24.9	3.9		24.5	3.5		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.6	4.1		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.5	4		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	25	0	21	24.6	3.6		24.8	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.6	4.6		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.4	3.4		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	30	0	26	29.8	3.8		29.7	3.7		
FR.229											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		25.7	14.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.9	4.4		15.6	4.1		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	25	0	21	24.6	3.6		24.6	3.6		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.8	4.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.3									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.4	3.9		
5--SIDE SHELL PL.	MID. PART	25	0	21	24.6	3.6		24.6	3.6		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.6	4.6		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.7	3.7		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.6	3.1		
5--SIDE SHELL PL.	LOWER PART	30	0	26	29.6	3.6		29.7	3.7		
FR.231											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	25	0	21	24.6	3.6		24.7	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.6	4.1		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	25	0	21	24.7	3.7		24.8	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.3	3.3		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	23.5	0	19.5	23.1	3.6		23.2	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.3									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.233											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.6	4.1		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.4	3.9		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	25	0	21	24.6	3.6		24.8	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.4	3.9		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	25	0	21	24.6	3.6		24.7	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.7	3.2		23.6	3.1		
5--SIDE SHELL PL.	LOWER PART	23.5	0	19.5	23.1	3.6		23.2	3.7		
FR.235											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	25	0	21	24.9	3.9		24.6	3.6		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.3									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	25	0	21	24.6	3.6		24.5	3.5		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.6	4.6		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.7	3.7		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.5	4		15.6	4.1		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.5	3		
5--SIDE SHELL PL.	LOWER PART	23.5	0	19.5	23.2	3.7		23.3	3.8		
FR.237											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.6	4.1		15.6	4.1		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	25	0	21	24.6	3.6		24.8	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.6	4.1		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.1	3.6		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	25	0	21	24.7	3.7		24.8	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.6	4.6		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.4	3.4		23.3	3.3		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.5	4		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	23	0	19	22.7	3.7		22.8	3.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.3									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.239											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	25	0	21	24.7	3.7		24.6	3.6		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.4	3.9		
5--SIDE SHELL PL.	MID. PART	25	0	21	24.7	3.7		24.7	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.6	4.6		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.6	4.1		15.5	4		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.7	3.2		23.3	2.8		
5--SIDE SHELL PL.	LOWER PART	23	0	19	22.6	3.6		22.7	3.7		
FR.241											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.4	3.9		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.6	4.1		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	25	0	21	24.7	3.7		24.7	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.6	4.1		15.6	4.1		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.3									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	25	0	21	24.8	3.8		24.7	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.6	4.6		17.6	4.6		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.5	4		15.6	4.1		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.5	3		
5--SIDE SHELL PL.	LOWER PART	23	0	19	22.7	3.7		22.6	3.6		
FR.243											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.6	4.1		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	25	0	21	24.6	3.6		24.9	3.9		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	25	0	21	24.7	3.7		24.8	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.6	4.6		17.5	4.5		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.4	3.4		23.7	3.7		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.6	4.1		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.5	3		
5--SIDE SHELL PL.	LOWER PART	23	0	19	22.6	3.6		22.7	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.3									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.245											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.6	4.1		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	25	0	21	24.6	3.6		24.6	3.6		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	25	0	21	24.6	3.6		24.7	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.6	4.6		17.6	4.6		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.6	4.1		15.6	4.1		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.3	2.8		
5--SIDE SHELL PL.	LOWER PART	25	0	21	24.6	3.6		24.5	3.5		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.4									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.192	DWG.NO.S1										
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.6	4.1		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	25.5	0	21.5	25.3	3.8		25.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.1	3.6		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	25.5	0	21.5	25.3	3.8		25.2	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.6	4.6		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.7	3.7		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.9	4.4		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.6	3.1		
5--SIDE SHELL PL.	LOWER PART	25.5	0	21.5	25.2	3.7		25.2	3.7		
FR.194											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.6	4.1		15.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	19	0	15	18.7	3.7		18.8	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.4									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	19	0	15	18.7	3.7		18.8	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.6	4.6		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.3	3.3		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.4	3.9		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.2	2.7		
5--SIDE SHELL PL.	LOWER PART	25.5	0	21.5	25.1	3.6		25.2	3.7		
FR.196											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	26.5	0	22.5	26.3	3.8		26.2	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.4	3.9		
5--SIDE SHELL PL.	MID. PART	26.5	0	22.5	26.3	3.8		26.2	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.6	4.6		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.3	3.3		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.6	4.1		15.9	4.4		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.5	3		
5--SIDE SHELL PL.	LOWER PART	23	0	19	22.8	3.8		22.7	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.4									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.198											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	26.5	0	22.5	26.2	3.7		26.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.1	3.6		24.4	3.9		
5--SIDE SHELL PL.	MID. PART	26.5	0	22.5	26.3	3.8		26.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.6	4.6		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.7	3.7		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.9	3.4		23.7	3.2		
5--SIDE SHELL PL.	LOWER PART	23	0	19	22.7	3.7		22.6	3.6		
FR.200											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.6	4.1		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
5--SIDE SHELL PL.	UPPER PART	26.5	0	22.5	26.4	3.9		26.2	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.6	4.1		15.8	4.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.4									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.4	3.9		
5--SIDE SHELL PL.	MID. PART	26.5	0	22.5	26.3	3.8		26.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.6	4.6		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.4	3.4		23.3	3.3		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.7	3.2		
5--SIDE SHELL PL.	LOWER PART	23	0	19	22.7	3.7		22.6	3.6		
FR.202											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.6	4.1		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	26.5	0	22.5	26.3	3.8		26.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.6	4.1		15.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.4	3.9		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	26.5	0	22.5	26.3	3.8		26.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.2	3.7		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.7	3.2		
5--SIDE SHELL PL.	LOWER PART	19	0	15	18.6	3.6		18.7	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.4									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.204											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.6	4.1		15.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	26.5	0	22.5	26.3	3.8		26.2	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	26.5	0	22.5	26.3	3.8		26.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.6	4.1		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.7	3.2		23.5	3		
5--SIDE SHELL PL.	LOWER PART	19	0	15	18.6	3.6		18.7	3.7		
FR.206											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.6	4.1		15.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.4	3.9		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	26.5	0	22.5	26.3	3.8		26.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.4									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	26.5	0	22.5	26.3	3.8		26.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.6	4.6		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.4	3.4		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.6	4.1		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.7	3.2		23.6	3.1		
5--SIDE SHELL PL.	LOWER PART	19	0	15	18.7	3.7		18.7	3.7		
FR.208											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	26.5	0	22.5	26.3	3.8		26.2	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.1	3.6		24.4	3.9		
5--SIDE SHELL PL.	MID. PART	26.5	0	22.5	26.2	3.7		26.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.5	4.5		17.6	4.6		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.7	3.7		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.6	4.1		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.5	3		
5--SIDE SHELL PL.	LOWER PART	19	0	15	18.7	3.7		18.8	3.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.4									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.210											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.6	4.1		15.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	26.5	0	22.5	26.3	3.8		26.4	3.9		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.6	4.1		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	26.5	0	22.5	26.3	3.8		26.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.6	4.1		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.7	3.2		
5--SIDE SHELL PL.	LOWER PART	22.5	0	18.5	22.1	3.6		22.2	3.7		
FR.212											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.5	4		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.6	4.1		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	26.5	0	22.5	26.3	3.8		26.2	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.6	4.1		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.4									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.1	3.6		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	26.5	0	22.5	26.3	3.8		26.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.6	4.6		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.6	4.1		15.6	4.1		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.7	3.2		23.6	3.1		
5--SIDE SHELL PL.	LOWER PART	22.5	0	18.5	22.3	3.8		22.2	3.7		
FR.214											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.6	4.1		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	26.5	0	22.5	26.3	3.8		26.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.6	4.1		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	26.5	0	22.5	26.3	3.8		26.2	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.4	3.4		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.6	4.1		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.5	3		
5--SIDE SHELL PL.	LOWER PART	26.5	0	22.5	26.3	3.8		26.2	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.4									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.216											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.6	4.1		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
5--SIDE SHELL PL.	UPPER PART	26.5	0	22.5	26.2	3.7		26.2	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.6	4.1		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	26.5	0	22.5	26.3	3.8		26.2	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.6	4.1		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.5	3		
5--SIDE SHELL PL.	LOWER PART	26.5	0	22.5	26.2	3.7		26.1	3.6		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.5									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.163											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.2	3.7		23.2	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.2	3.7		23.2	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.6	4.1		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.6	3.1		
5--SIDE SHELL PL.	LOWER PART	23.5	0	19.5	23.1	3.6		23.2	3.7		
FR.165											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.9	4.4		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	22	0	18	21.8	3.8		21.8	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.9	4.4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.5									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	22	0	18	21.8	3.8		21.8	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.7	3.7		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.6	4.1		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.5	3		
5--SIDE SHELL PL.	LOWER PART	23.5	0	19.5	23.1	3.6		23.2	3.7		
FR.167											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	25.5	0	21.5	25.2	3.7		25.2	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.6	4.1		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	25.5	0	21.5	25.3	3.8		25.2	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.6	4.6		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.7	3.2		
5--SIDE SHELL PL.	LOWER PART	23.5	0	19.5	23.2	3.7		23.2	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.5									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.169											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.6	4.1		
5--SIDE SHELL PL.	UPPER PART	25.5	0	21.5	25.4	3.9		25.2	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.9	4.4		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	25.5	0	21.5	25.3	3.8		25.2	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.6	4.6		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.2	3.2		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.6	4.1		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.7	3.2		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	23.5	0	19.5	23.2	3.7		23.1	3.6		
FR.171											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	25.5	0	21.5	25.3	3.8		25.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.5									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.4	3.9		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	25.5	0	21.5	25.2	3.7		25.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.6	4.6		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.7	3.7		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.2	3.7		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.3	2.8		
5--SIDE SHELL PL.	LOWER PART	22	0	18	21.7	3.7		21.8	3.8		
FR.173											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.6	4.1		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.3	3.8		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	25.5	0	21.5	25.3	3.8		25.2	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	25.5	0	21.5	25.3	3.8		25.2	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.3	3.3		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.3	2.8		23.5	3		
5--SIDE SHELL PL.	LOWER PART	22	0	18	21.7	3.7		21.6	3.6		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.5									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.175											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.9	4.4		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	25.5	0	21.5	25.2	3.7		25.2	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	25.5	0	21.5	25.2	3.7		25.2	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.6	4.1		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.3	2.8		23.5	3		
5--SIDE SHELL PL.	LOWER PART	22	0	18	21.7	3.7		21.8	3.8		
FR.177											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.6	4.1		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	25.5	0	21.5	25.2	3.7		25.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.5									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.4	3.9		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	25.5	0	21.5	25.2	3.7		25.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.6	4.6		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.7	3.7		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.5	3		
5--SIDE SHELL PL.	LOWER PART	22	0	18	21.8	3.8		21.7	3.7		
FR.179											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.6	4.1		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.9	4.4		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	25.5	0	21.5	25.2	3.7		25.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	25.5	0	21.5	25.1	3.6		25.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.7	3.2		
5--SIDE SHELL PL.	LOWER PART	22	0	18	21.6	3.6		21.7	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.5									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.181											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	25.5	0	21.5	25.3	3.8		25.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.4	3.9		
5--SIDE SHELL PL.	MID. PART	25.5	0	21.5	25.3	3.8		25.2	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.3	3.3		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.3	3.8		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.7	3.2		
5--SIDE SHELL PL.	LOWER PART	22	0	18	21.6	3.6		21.8	3.8		
FR.183											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	25.5	0	21.5	25.2	3.7		25.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.5									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	25.5	0	21.5	25.2	3.7		25.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.6	4.1		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.3	2.8		23.6	3.1		
5--SIDE SHELL PL.	LOWER PART	25.5	0	21.5	25.2	3.7		25.3	3.8		
FR.185											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.6	4.1		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	25.5	0	21.5	25.3	3.8		25.2	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.6	4.1		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	25.5	0	21.5	25.2	3.7		25.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.6	4.6		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.8	3.8		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.6	4.1		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.5	3		
5--SIDE SHELL PL.	LOWER PART	25.5	0	21.5	25.2	3.7		25.3	3.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.5									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.187											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.9	4.4		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.9	4.4		
5--SIDE SHELL PL.	UPPER PART	25.5	0	21.5	25.2	3.7		25.2	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.4	3.9		
5--SIDE SHELL PL.	MID. PART	25.5	0	21.5	25.2	3.7		25.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.3	3.8		15.6	4.1		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.7	3.2		
5--SIDE SHELL PL.	LOWER PART	25.5	0	21.5	25.1	3.6		25.2	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.6									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.134											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	30	0	25.5	29.8	4.3		29.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.9	4.4		
4--FRAME FACE PL.	UPPER PART	30	0	25.5	29.7	4.2		29.7	4.2		
5--SIDE SHELL PL.	UPPER PART	28	0	24	27.6	3.6		27.8	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.9	4.4		15.9	4.4		
4--FRAME FACE PL.	MID. PART	30	0	25.5	28.9	3.4		29.1	3.6		
5--SIDE SHELL PL.	MID. PART	28	0	24	27.8	3.8		27.7	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.9	4.9		17.8	4.8		
2--BKT.FACE PL.	LOWER PART	30	0	25	28.1	3.1		28.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	30	0	25.5	28.3	2.8		28.1	2.6		
5--SIDE SHELL PL.	LOWER PART	28	0	24	27.9	3.9		27.7	3.7		
FR.136											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	30	0	25.5	29.6	4.1		29.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	30	0	25.5	29.6	4.1		29.7	4.2		
5--SIDE SHELL PL.	UPPER PART	20	0	16	19.7	3.7		19.8	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.6									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	30	0	25.5	29.3	3.8		29	3.5		
5--SIDE SHELL PL.	MID. PART	20	0	16	19.8	3.8		19.7	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.9	4.9		17.8	4.8		
2--BKT.FACE PL.	LOWER PART	30	0	25	28.5	3.5		28.3	3.3		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	30	0	25.5	28.3	2.8		28.1	2.6		
5--SIDE SHELL PL.	LOWER PART	28	0	24	27.6	3.6		27.7	3.7		
FR.138											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	30	0	25.5	29.8	4.3		29.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	30	0	25.5	29.8	4.3		29.7	4.2		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.4	3.9		23.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.9	4.4		15.8	4.3		
4--FRAME FACE PL.	MID. PART	30	0	25.5	29.1	3.6		29.2	3.7		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.4	3.9		23.2	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.8	4.8		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	30	0	25	28.5	3.5		28.3	3.3		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.9	4.4		
4--FRAME FACE PL.	LOWER PART	30	0	25.5	28.2	2.7		28.1	2.6		
5--SIDE SHELL PL.	LOWER PART	23.5	0	19.5	23.3	3.8		23.2	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.6									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.140											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	30	0	25.5	29.7	4.2		29.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.6	4.1		
4--FRAME FACE PL.	UPPER PART	30	0	25.5	29.8	4.3		29.7	4.2		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.4	3.9		23.2	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.6	4.1		
4--FRAME FACE PL.	MID. PART	30	0	25.5	29.2	3.7		28.9	3.4		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.4	3.9		23.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.8	4.8		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	30	0	25	28.3	3.3		28.1	3.1		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.9	4.4		
4--FRAME FACE PL.	LOWER PART	30	0	25.5	28.4	2.9		28.5	3		
5--SIDE SHELL PL.	LOWER PART	23.5	0	19.5	23.1	3.6		23.2	3.7		
FR.142											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	30	0	25.5	29.8	4.3		29.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	30	0	25.5	29.7	4.2		29.7	4.2		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.3	3.8		23.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.6									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	30	0	25.5	29.3	3.8		29.2	3.7		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.4	3.9		23.2	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.8	4.8		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	30	0	25	28.3	3.3		28.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.9	4.4		
4--FRAME FACE PL.	LOWER PART	30	0	25.5	28.1	2.6		28.2	2.7		
5--SIDE SHELL PL.	LOWER PART	23.5	0	19.5	23.4	3.9		23.3	3.8		
FR.144											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	30	0	25.5	29.8	4.3		29.6	4.1		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	30	0	25.5	29.6	4.1		29.8	4.3		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.1	3.6		23.2	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.9	4.4		15.8	4.3		
4--FRAME FACE PL.	MID. PART	30	0	25.5	29.2	3.7		29.3	3.8		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.2	3.7		23.2	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.6	4.6		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	30	0	25	28.3	3.3		28.1	3.1		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.6	4.1		
4--FRAME FACE PL.	LOWER PART	30	0	25.5	28.4	2.9		28.5	3		
5--SIDE SHELL PL.	LOWER PART	20	0	16	19.6	3.6		19.7	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.6									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.146											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	30	0	25.5	29.7	4.2		29.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.9	4.4		
4--FRAME FACE PL.	UPPER PART	30	0	25.5	29.9	4.4		29.6	4.1		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.2	3.7		23.2	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.9	4.4		15.7	4.2		
4--FRAME FACE PL.	MID. PART	30	0	25.5	29.2	3.7		29.1	3.6		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.4	3.9		23.2	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.8	4.8		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	30	0	25	28.4	3.4		28.1	3.1		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.9	4.4		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	30	0	25.5	28.4	2.9		28.5	3		
5--SIDE SHELL PL.	LOWER PART	20	0	16	19.7	3.7		19.7	3.7		
FR.148											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	30	0	25.5	29.7	4.2		29.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	30	0	25.5	29.8	4.3		29.7	4.2		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.3	3.8		23.2	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.9	4.4		15.8	4.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.6									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	30	0	25.5	29.3	3.8		29.1	3.6		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.3	3.8		23.2	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.9	4.9		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	30	0	25	28.3	3.3		28.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.9	4.4		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	30	0	25.5	28.4	2.9		28.3	2.8		
5--SIDE SHELL PL.	LOWER PART	20	0	16	19.7	3.7		19.6	3.6		
FR.150											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	30	0	25.5	29.7	4.2		29.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	30	0	25.5	29.7	4.2		29.6	4.1		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.4	3.9		23.2	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.9	4.4		15.7	4.2		
4--FRAME FACE PL.	MID. PART	30	0	25.5	29.3	3.8		29	3.5		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.4	3.9		23.2	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	30	0	25	28.4	3.4		28.3	3.3		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	30	0	25.5	28.2	2.7		28.4	2.9		
5--SIDE SHELL PL.	LOWER PART	20	0	16	19.7	3.7		19.7	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.6									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.152											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	30	0	25.5	29.7	4.2		29.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.9	4.4		
4--FRAME FACE PL.	UPPER PART	30	0	25.5	29.9	4.4		29.6	4.1		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.4	3.9		23.2	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.9	4.4		15.9	4.4		
4--FRAME FACE PL.	MID. PART	30	0	25.5	29.3	3.8		29.1	3.6		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.4	3.9		23.2	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.8	4.8		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	30	0	25	28.3	3.3		28.6	3.6		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	30	0	25.5	28.2	2.7		28.4	2.9		
5--SIDE SHELL PL.	LOWER PART	20	0	16	19.8	3.8		19.7	3.7		
FR.154											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	30	0	25.5	29.7	4.2		29.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	30	0	25.5	29.9	4.4		29.8	4.3		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.3	3.8		23.4	3.9		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.6									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	30	0	25.5	29.2	3.7		29.3	3.8		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.4	3.9		23.4	3.9		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.8	4.8		17.9	4.9		
2--BKT.FACE PL.	LOWER PART	30	0	25	28.3	3.3		28.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.9	4.4		
4--FRAME FACE PL.	LOWER PART	30	0	25.5	28.1	2.6		28.2	2.7		
5--SIDE SHELL PL.	LOWER PART	20.5	0	16.5	20.2	3.7		20.3	3.8		
FR.156											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.9	4.4		
2--BKT.FACE PL.	UPPER PART	30	0	25.5	29.7	4.2		29.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	30	0	25.5	29.7	4.2		29.8	4.3		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.3	3.8		23.4	3.9		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.9	4.4		
4--FRAME FACE PL.	MID. PART	30	0	25.5	28.9	3.4		29.1	3.6		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.3	3.8		23.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.8	4.8		17.8	4.8		
2--BKT.FACE PL.	LOWER PART	30	0	25	28.2	3.2		28.3	3.3		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	30	0	25.5	28.3	2.8		28.1	2.6		
5--SIDE SHELL PL.	LOWER PART	20.5	0	16.5	20.3	3.8		20.3	3.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.6									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.158											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	30	0	25.5	29.7	4.2		29.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	30	0	25.5	29.7	4.2		29.8	4.3		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.2	3.7		23.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.8	4.3		
4--FRAME FACE PL.	MID. PART	30	0	25.5	29.3	3.8		29.1	3.6		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.2	3.7		23.2	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.6	4.6		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	30	0	25	28.3	3.3		28.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	30	0	25.5	28.2	2.7		28.2	2.7		
5--SIDE SHELL PL.	LOWER PART	23.5	0	19.5	23.3	3.8		23.2	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.7									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.105											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.9	4.4		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.3	3.8		23.4	3.9		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.9	4.4		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.3	3.8		23.2	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.9	4.4		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.3	2.8		23.5	3		
5--SIDE SHELL PL.	LOWER PART	23.5	0	19.5	23.2	3.7		23.1	3.6		
FR.107											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	21.5	0	17.5	21.3	3.8		21.4	3.9		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.8	4.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.7									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	21.5	0	17.5	21.4	3.9		21.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.4	3.4		23.3	3.3		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.3	2.8		23.5	3		
5--SIDE SHELL PL.	LOWER PART	23	0	19	22.7	3.7		22.9	3.9		
FR.109											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.2	3.7		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	28	0	24	27.8	3.8		27.9	3.9		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	28	0	24	27.9	3.9		27.7	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.8	4.8		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.3	3.3		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.9	4.4		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.5	3		
5--SIDE SHELL PL.	LOWER PART	23	0	19	22.9	3.9		22.7	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.7									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.111											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	28	0	24	27.6	3.6		27.8	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	28	0	24	27.9	3.9		27.8	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.8	4.8		17.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.5	3		
5--SIDE SHELL PL.	LOWER PART	21.5	0	17.5	21.3	3.8		21.3	3.8		
FR.113											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.9	4.4		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.3	3.8		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	28	0	24	27.9	3.9		27.9	3.9		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.7									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	28	0	24	27.8	3.8		27.9	3.9		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.8	4.8		17.9	4.9		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.3	2.8		23.5	3		
5--SIDE SHELL PL.	LOWER PART	21.5	0	17.5	21.3	3.8		21.2	3.7		
FR.115											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	28	0	24	27.8	3.8		27.8	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.9	4.4		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	28	0	24	27.9	3.9		27.9	3.9		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.9	4.9		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.3	2.8		
5--SIDE SHELL PL.	LOWER PART	21.5	0	17.5	21.2	3.7		21.3	3.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.7									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.117											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.9	4.4		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	28	0	24	27.6	3.6		27.7	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.9	4.4		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.1	3.6		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	28	0	24	27.7	3.7		27.8	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.8	4.8		17.9	4.9		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.3	2.8		
5--SIDE SHELL PL.	LOWER PART	21.5	0	17.5	21.3	3.8		21.2	3.7		
FR.119											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.9	4.4		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.3	3.8		23.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.7									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.4	3.9		23.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.9	4.9		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.3	2.8		23.7	3.2		
5--SIDE SHELL PL.	LOWER PART	23.5	0	19.5	23.3	3.8		23.2	3.7		
FR.121											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.2	3.7		23.4	3.9		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.4	3.9		23.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.9	4.9		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	23.5	0	19.5	23.3	3.8		23.2	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.7									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.123											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.3	3.8		23.4	3.9		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.9	4.4		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.2	3.7		23.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.9	4.9		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.9	4.4		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.2	2.7		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	27	0	23	26.6	3.6		26.7	3.7		
FR.125											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.9	4.4		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.3	3.8		23.2	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.7									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.4	3.9		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.3	3.8		23.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.9	4.9		17.9	4.9		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.5	3		
5--SIDE SHELL PL.	LOWER PART	27	0	23	26.7	3.7		26.8	3.8		
FR.127											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.6	4.1		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.2	3.7		23.4	3.9		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.4	3.9		23.2	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.9	4.9		17.9	4.9		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.4	3.4		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.9	4.4		15.9	4.4		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.3	2.8		23.3	2.8		
5--SIDE SHELL PL.	LOWER PART	27	0	23	26.8	3.8		26.7	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.7									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.129											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.3	3.8		23.4	3.9		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.9	4.4		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24	3.5		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.3	3.8		23.4	3.9		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.9	4.9		17.9	4.9		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.3	2.8		
5--SIDE SHELL PL.	LOWER PART	27	0	23	26.7	3.7		26.8	3.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.8									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.76											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.9	4.4		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.6	4.1		
5--SIDE SHELL PL.	UPPER PART	28	0	24	27.7	3.7		27.8	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.1	3.6		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	28	0	24	27.9	3.9		27.9	3.9		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.8	4.8		17.9	4.9		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.3	2.8		23.5	3		
5--SIDE SHELL PL.	LOWER PART	28	0	24	27.8	3.8		27.7	3.7		
FR.78											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	21	0	17	20.9	3.9		20.7	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.8									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	21	0	17	20.7	3.7		20.7	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.9	4.9		17.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.9	4.4		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	28	0	24	27.7	3.7		27.8	3.8		
FR.80											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.3	3.8		23.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.4	3.9		23.2	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.9	4.9		17.9	4.9		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.3	2.8		
5--SIDE SHELL PL.	LOWER PART	28	0	24	27.7	3.7		27.8	3.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.8									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.82											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.3	3.8		23.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.3	3.8		23.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.9	4.9		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.3	2.8		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	23.5	0	19.5	23.3	3.8		23.2	3.7		
FR.84											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.4	3.9		23.4	3.9		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.8	4.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.8									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.1	3.6		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.4	3.9		23.4	3.9		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.9	4.4		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.3	2.8		23.3	2.8		
5--SIDE SHELL PL.	LOWER PART	23.5	0	19.5	23.3	3.8		23.2	3.7		
FR.86											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.6	4.1		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.3	3.8		23.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.3	3.8		23.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.9	4.9		17.9	4.9		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.9	4.4		15.9	4.4		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.7	3.2		23.5	3		
5--SIDE SHELL PL.	LOWER PART	23.5	0	19.5	23.3	3.8		23.2	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.8									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.88											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.4	3.9		23.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.2	3.7		23.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.9	4.9		17.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.9	4.4		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.5	3		
5--SIDE SHELL PL.	LOWER PART	21	0	17	20.7	3.7		20.8	3.8		
FR.90											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.4	3.9		23.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.8									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.4	3.9		23.4	3.9		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.9	4.9		17.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	21	0	17	20.7	3.7		20.8	3.8		
FR.92											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.2	3.7		23.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24	3.5		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.3	3.8		23.4	3.9		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.9	4.9		17.9	4.9		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.9	4.4		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	21	0	17	20.7	3.7		20.8	3.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.8									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.94											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.2	3.7		23.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.3	3.8		23.4	3.9		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.6	4.6		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	21.5	0	17.5	21.2	3.7		21.3	3.8		
FR.96											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.3	3.8		23.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.8									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.2	3.7		23.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.6	4.6		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.9	4.4		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.2	2.7		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	21.5	0	17.5	21.3	3.8		21.3	3.8		
FR.98											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.2	3.7		23.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24	3.5		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.3	3.8		23.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.8	4.8		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.6	4.1		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	21.5	0	17.5	21.3	3.8		21.4	3.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.8									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.100											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.6	4.1		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	23.5	0	19.5	23.2	3.7		23.3	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.1	3.6		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	23.5	0	19.5	23.2	3.7		23.3	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.6	4.1		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.5	3		
5--SIDE SHELL PL.	LOWER PART	23.5	0	19.5	23.2	3.7		23.2	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.9									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.47											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	21	0	17	20.8	3.8		20.8	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	21	0	17	20.9	3.9		20.9	3.9		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	21	0	17	20.6	3.6		20.7	3.7		
FR.49											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	20	0	16	19.7	3.7		19.8	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.9									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24	3.5		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	20	0	16	19.9	3.9		19.8	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.8	4.8		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.9	4.4		15.9	4.4		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.3	2.8		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	21	0	17	20.7	3.7		20.7	3.7		
FR.51											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	30	0	26	29.7	3.7		29.6	3.6		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	10.5	24.2	13.7		24	13.5		
5--SIDE SHELL PL.	MID. PART	30	0	26	29.6	3.6		29.7	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.7	4.7		17.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.3	2.8		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	21	0	17	20.7	3.7		20.6	3.6		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.9									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.53											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	21	0	17	20.8	3.8		20.7	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.1	3.6		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	21	0	17	20.8	3.8		20.8	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.6	4.6		17.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.6	4.1		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.5	3		
5--SIDE SHELL PL.	LOWER PART	20	0	16	19.7	3.7		19.8	3.8		
FR.55											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	20	0	16	19.8	3.8		19.7	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.9									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.1	3.6		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	20	0	16	19.8	3.8		19.7	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.6	4.6		17.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.6	3.6		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.3	2.8		
5--SIDE SHELL PL.	LOWER PART	20	0	16	19.7	3.7		19.8	3.8		
FR.57											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.9	4.4		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	20	0	16	19.7	3.7		19.9	3.9		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	20	0	16	19.9	3.9		19.9	3.9		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.6	4.6		17.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	20	0	16	19.8	3.8		19.7	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.9									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.59											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
5--SIDE SHELL PL.	UPPER PART	20	0	16	19.7	3.7		19.7	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.8	4.3		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.3	3.8		
5--SIDE SHELL PL.	MID. PART	20	0	16	19.9	3.9		19.7	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.8	4.8		17.9	4.9		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.9	4.4		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.5	3		
5--SIDE SHELL PL.	LOWER PART	20	0	16	19.8	3.8		19.7	3.7		
FR.61											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
5--SIDE SHELL PL.	UPPER PART	20	0	16	19.8	3.8		19.7	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.9	4.4		15.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.9									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24	3.5		
5--SIDE SHELL PL.	MID. PART	20	0	16	19.9	3.9		19.9	3.9		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.8	4.8		17.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.6	3.6		23.5	3.5		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.9	4.4		15.9	4.4		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.3	2.8		23.3	2.8		
5--SIDE SHELL PL.	LOWER PART	20	0	16	19.7	3.7		19.7	3.7		
FR.63											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.6	4.1		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	20	0	16	19.8	3.8		19.7	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		23.9	3.4		
5--SIDE SHELL PL.	MID. PART	20	0	16	19.8	3.8		19.9	3.9		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.9	4.9		17.9	4.9		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.3	3.3		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.9	4.4		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.4	2.9		23.5	3		
5--SIDE SHELL PL.	LOWER PART	20	0	16	19.7	3.7		19.6	3.6		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.9									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.65											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	20	0	16	19.7	3.7		19.8	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.1	3.6		
5--SIDE SHELL PL.	MID. PART	20	0	16	19.7	3.7		19.8	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.8	4.8		17.7	4.7		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.5	3.5		23.3	3.3		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.9	4.4		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.2	2.7		23.4	2.9		
5--SIDE SHELL PL.	LOWER PART	28	0	24	27.8	3.8		27.7	3.7		
FR.67											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.8	4.3		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.8	4.3		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.7	4.2		
5--SIDE SHELL PL.	UPPER PART	20	0	16	19.7	3.7		19.8	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.9	4.4		15.9	4.4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.9									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.3	3.8		24.2	3.7		
5--SIDE SHELL PL.	MID. PART	20	0	16	19.7	3.7		19.7	3.7		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.9	4.9		17.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.9	4.4		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.6	3.1		
5--SIDE SHELL PL.	LOWER PART	28	0	24	27.9	3.9		27.7	3.7		
FR.69											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.9	4.4		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.8	4.3		
5--SIDE SHELL PL.	UPPER PART	20	0	16	19.8	3.8		19.7	3.7		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.2	3.7		24	3.5		
5--SIDE SHELL PL.	MID. PART	20	0	16	19.7	3.7		19.8	3.8		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.9	4.9		17.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.9	4.4		15.8	4.3		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.6	3.1		23.3	2.8		
5--SIDE SHELL PL.	LOWER PART	28	0	24	27.8	3.8		27.7	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM7 - Cargo Hold Transverse Frames

Location of Structure :		Cargo Hold No.9									
Structural Component / Frame No.	Zone / Part	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FR.71											
1--BKT.WEB PL.	UPPER PART	16	0	11.5	15.7	4.2		15.8	4.3		
2--BKT.FACE PL.	UPPER PART	25	0	20.5	24.6	4.1		24.7	4.2		
3--FRAME WEB PL.	UPPER PART	16	0	11.5	15.8	4.3		15.7	4.2		
4--FRAME FACE PL.	UPPER PART	25	0	20.5	24.7	4.2		24.6	4.1		
5--SIDE SHELL PL.	UPPER PART	20	0	16	19.7	3.7		19.8	3.8		
3--FRAME WEB PL.	MID. PART	16	0	11.5	15.9	4.4		15.7	4.2		
4--FRAME FACE PL.	MID. PART	25	0	20.5	24.8	4.3		24.7	4.2		
5--SIDE SHELL PL.	MID. PART	20	0	16	19.7	3.7		19.9	3.9		
1--BKT.WEB PL.	LOWER PART	18	0	13	17.6	4.6		17.8	4.8		
2--BKT.FACE PL.	LOWER PART	25	0	20	23.3	3.3		23.4	3.4		
3--FRAME WEB PL.	LOWER PART	16	0	11.5	15.7	4.2		15.7	4.2		
4--FRAME FACE PL.	LOWER PART	25	0	20.5	23.5	3		23.2	2.7		
5--SIDE SHELL PL.	LOWER PART	30	0	26	29.7	3.7		29.9	3.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

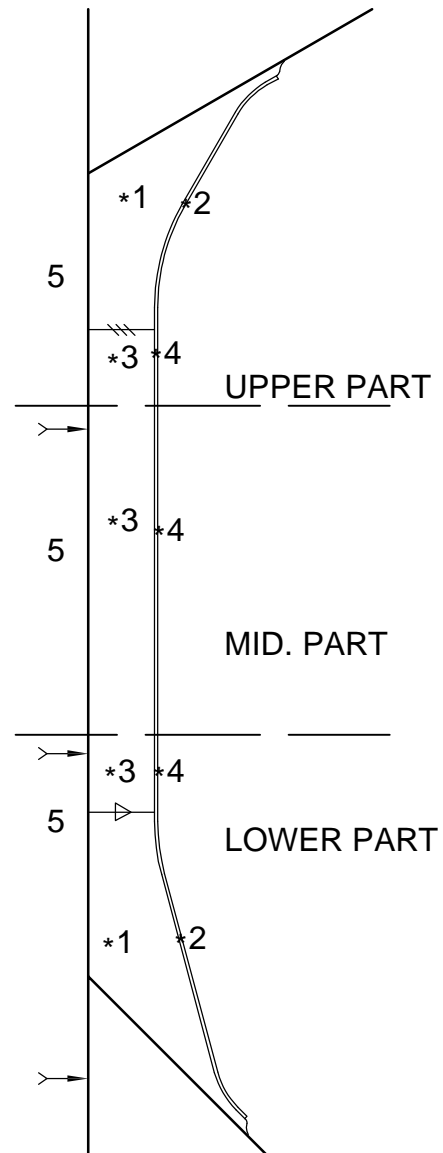
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Cargo Holds – Shell Frames - Cargo Holds TM Sketches

SIDE SHELL FRAME IN CARGO HOLD





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

**Cargo Holds – Transverse Bulkheads -
Bulkhead Between Cargo Hold Nos. NO.1**

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. NO.1						
Location of Structure :					Frame No. 305						
Type of Bulkhead :					Plain Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE	1	21.5	0	18.5	19.2	0.7		19.1	0.6		
	2	21.5	0	18.5	19.3	0.8		19.5	1		
	3	24	0	17	22.2	5.2		22.4	5.4		
	4	24	0	17	22.8	5.8		22.9	5.9		
	5	24	0	17	22.1	5.1		22.2	5.2		
	6	24	0	17	22.9	5.9		23.1	6.1		
	7	24	0	17	23.1	6.1		23.2	6.2		
	8	24	0	17	23.2	6.2		23.3	6.3		
	9	20	0	15	19.5	4.5		19.6	4.6		
	10	20	0	15	19.6	4.6		19.5	4.5		
	11	20	0	15	19.7	4.7		19.6	4.6		
	12	20	0	15	19.8	4.8		19.7	4.7		
	13	18	0	13	17.6	4.6		17.8	4.8		
	14	18	0	13	17.9	4.9		17.7	4.7		
	15	18	0	13	17.7	4.7		17.6	4.6		
	16	20	0	15	19.8	4.8		19.8	4.8		
	17	20	0	15	19.8	4.8		19.7	4.7		
	18	17	0	11.5	16.9	5.4		16.8	5.3		
	19	17	0	11.5	16.8	5.3		16.9	5.4		
	20	18	0	12.5	17.7	5.2		17.8	5.3		
	21	18	0	12.5	17.8	5.3		17.9	5.4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. NO.1						
Location of Structure :					Frame No. 305						
Type of Bulkhead :					Plain Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE	22	16	0	11.5	15.9	4.4		15.9	4.4		
	23	16	0	11.5	15.7	4.2		15.7	4.2		
	24	17	0	12.5	16.8	4.3		16.7	4.2		
	25	17	0	12.5	16.7	4.2		16.9	4.4		
	26	14.5	0	10	14.3	4.3		14.4	4.4		
	27	14.5	0	10	14.2	4.2		14.2	4.2		
	28	14.5	0	10	14.4	4.4		14.3	4.3		
	29	16	0	11.5	15.9	4.4		15.8	4.3		
	30	16	0	11.5	15.8	4.3		15.7	4.2		
	31	14.5	0	10	14.3	4.3		14.2	4.2		
	32	14.5	0	10	14.4	4.4		14.3	4.3		
	33	14.5	0	10	14.4	4.4		14.2	4.2		
	34	14.5	0	10	14.3	4.3		14.3	4.3		
	35	14	0	10	13.7	3.7		13.8	3.8		
	36	14	0	10	13.8	3.8		13.6	3.6		
	37	14	0	10	13.9	3.9		13.7	3.7		
	38	14	0	10	13.7	3.7		13.7	3.7		
	39	14	0	10	13.8	3.8		13.8	3.8		
	40	14	0	10	13.9	3.9		13.8	3.8		
BHD STIFFENERS	S1W	12	0	9	11.7	2.7		11.8	2.8		
	F	16	0	13	15.8	2.8		15.9	2.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :				Bulkhead Between Cargo Hold Nos. NO.1							
Location of Structure :				Frame No. 305							
Type of Bulkhead :				Plain Transverse Bulkhead							
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD STIFFENERS	S2W	12	0	9	11.7	2.7		11.9	2.9		
	F	16	0	13	15.9	2.9		15.8	2.8		
	S3W	12	0	9	11.9	2.9		11.9	2.9		
	F	16	0	13	15.7	2.7		15.7	2.7		
	S4W	15	0	12	14.9	2.9		14.7	2.7		
	F	18	0	15	17.8	2.8		17.9	2.9		
	S5W	12	0	9	11.9	2.9		11.8	2.8		
	F	16	0	13	15.9	2.9		15.9	2.9		
	S6W	12	0	9	11.8	2.8		11.7	2.7		
	F	16	0	13	15.7	2.7		15.8	2.8		
	S7W	12	0	9	11.8	2.8		11.9	2.9		
	F	16	0	13	15.7	2.7		15.7	2.7		
	S8W	15	0	12	14.9	2.9		14.7	2.7		
	F	18	0	15	17.7	2.7		17.9	2.9		
	S9W	12	0	9	11.8	2.8		11.8	2.8		
	F	16	0	13	15.8	2.8		15.8	2.8		
	S10W	12	0	8	11.9	3.9		11.9	3.9		
	F	16	0	12	15.8	3.8		15.8	3.8		
	S11W	12	0	8	11.9	3.9		11.9	3.9		
	F	16	0	12	15.7	3.7		15.8	3.8		
	S12W	12	0	8	11.9	3.9		11.7	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :				Bulkhead Between Cargo Hold Nos. NO.1							
Location of Structure :				Frame No. 305							
Type of Bulkhead :				Plain Transverse Bulkhead							
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD STIFFENERS	F	16	0	12	15.7	3.7		15.8	3.8		
	S13W	16	0	12	15.9	3.9		15.7	3.7		
	F	18	0	14	17.8	3.8		17.9	3.9		
	S14W	12	0	8	11.7	3.7		11.8	3.8		
	F	16	0	12	15.9	3.9		15.8	3.8		
	S15W	12	0	8	11.9	3.9		11.9	3.9		
	F	16	0	12	15.8	3.8		15.7	3.7		
	S16W	12	0	8	11.7	3.7		11.8	3.8		
	F	16	0	12	15.8	3.8		15.9	3.9		
	S17W	16	0	12	15.7	3.7		15.8	3.8		
	F	18	0	14	17.7	3.7		17.9	3.9		
	S18W	12	0	8	11.8	3.8		11.8	3.8		
	F	16	0	12	15.9	3.9		15.8	3.8		
	S19W	12	0	8	11.7	3.7		11.7	3.7		
	F	16	0	12	15.8	3.8		15.9	3.9		
	S20W	12	0	8	11.9	3.9		11.9	3.9		
	F	16	0	12	15.8	3.8		15.7	3.7		
	S21W	16	0	12	15.7	3.7		15.9	3.9		
	F	18	0	14	17.8	3.8		17.8	3.8		
	S22W	12	0	8	11.7	3.7		11.7	3.7		
	F	16	0	12	15.7	3.7		15.7	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :				Bulkhead Between Cargo Hold Nos. NO.1							
Location of Structure :				Frame No. 305							
Type of Bulkhead :				Plain Transverse Bulkhead							
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD STIFFENERS	S23W	12	0	8	11.8	3.8		11.8	3.8		
	F	16	0	12	15.8	3.8		15.7	3.7		
	S24W	16	0	12	15.7	3.7		15.8	3.8		
	F	18	0	14	17.8	3.8		17.9	3.9		
	S25W	12	0	8	11.9	3.9		11.8	3.8		
	F	16	0	12	15.8	3.8		15.7	3.7		
	S26W	12	0	8	11.7	3.7		11.9	3.9		
	F	16	0	12	15.7	3.7		15.7	3.7		
	S27W	12	0	10	11.9	1.9		11.7	1.7		
	F	16	0	14	15.7	1.7		15.8	1.8		
	S28W	12	0	10	11.9	1.9		11.9	1.9		
	F	16	0	14	15.8	1.8		15.8	1.8		
	S29W	12	0	10	11.9	1.9		11.7	1.7		
	F	16	0	14	15.7	1.7		15.9	1.9		
	S30W	12	0	10	11.7	1.7		11.8	1.8		
	F	16	0	14	15.8	1.8		15.7	1.7		
	S31W	12	0	10	11.7	1.7		11.9	1.9		
	F	16	0	14	15.9	1.9		15.9	1.9		
	S32W	12	0	10	11.8	1.8		11.7	1.7		
	F	16	0	14	15.7	1.7		15.8	1.8		
	S33W	12	0	10	11.9	1.9		11.9	1.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. NO.1						
Location of Structure :					Frame No. 305						
Type of Bulkhead :					Plain Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD STIFFENERS	F	16	0	14	15.8	1.8		15.7	1.7		
	S34W	12	0	10	11.7	1.7		11.8	1.8		
	F	16	0	14	15.7	1.7		15.8	1.8		
	S35W	12	0	10	11.8	1.8		11.9	1.9		
	F	16	0	14	15.7	1.7		15.9	1.9		
	S36W	15	0	13	14.9	1.9		14.9	1.9		
	F	18	0	16	17.8	1.8		17.7	1.7		
	S37W	12	0	10	11.9	1.9		11.8	1.8		
	F	16	0	14	15.8	1.8		15.7	1.7		
	S38W	12	0	10	11.7	1.7		11.8	1.8		
	F	16	0	14	15.8	1.8		15.9	1.9		
	S39W	12	0	10	11.7	1.7		11.8	1.8		
	F	16	0	14	15.7	1.7		15.9	1.9		
	S40W	12	0	10	11.8	1.8		11.7	1.7		
	F	16	0	14	15.8	1.8		15.9	1.9		
	S41W	12	0	10	11.9	1.9		11.8	1.8		
	F	16	0	14	15.7	1.7		15.9	1.9		
	S42W	12	0	10	11.8	1.8		11.8	1.8		
	F	16	0	14	15.9	1.9		15.7	1.7		
	S43W	12	0	10	11.7	1.7		11.8	1.8		
	F	16	0	14	15.7	1.7		15.8	1.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

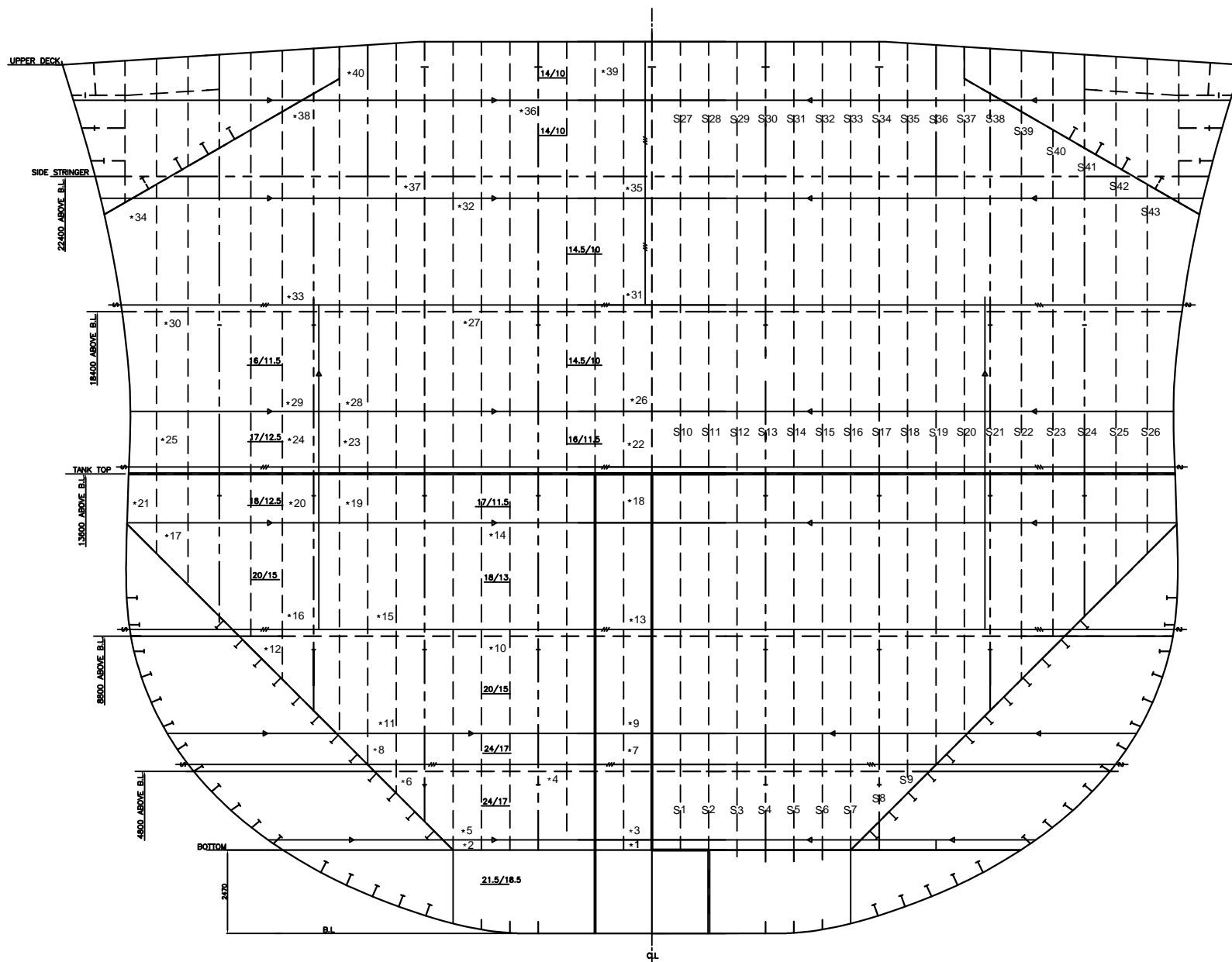
LR/IMO Number : 9492098

TM Report No : ZSN2066110

Cargo Holds – Transverse Bulkheads - Bulkhead Between Cargo
Hold Nos. NO.1

TM Sketches

No.1 C/H FORE TRANS. BHD AT FR.305





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

**Cargo Holds – Transverse Bulkheads -
Bulkhead Between Cargo Hold Nos. 1/2**

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :				Bulkhead Between Cargo Hold Nos. 1/2							
Location of Structure :				Frame No.277							
Type of Bulkhead :				Corrugated Transverse Bulkhead							
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(UPPER PART)	0	19.5	0	14	19.1	5.1					
	1	19.5	0	14	19.2	5.2		19.1	5.1		
	2	19.5	0	14	19.3	5.3		19.3	5.3		
	3	19.5	0	14	19.2	5.2		19.2	5.2		
	4	19.5	0	14	19	5		19.3	5.3		
	5	19.5	0	14	19.2	5.2		19.1	5.1		
	6	19.5	0	14	19.3	5.3		19.2	5.2		
	7	19.5	0	14	19.3	5.3		19.2	5.2		
	8	19.5	0	14	19.1	5.1		19	5		
	9	19.5	0	14	19.2	5.2		19.4	5.4		
	10	19.5	0	14	19.3	5.3		19.3	5.3		
	11	19.5	0	14	19.1	5.1		19.1	5.1		
	12	19.5	0	14	19.3	5.3		19.2	5.2		
	13	19.5	0	14	19.1	5.1		19.3	5.3		
	14	19.5	0	14	19.3	5.3		19.1	5.1		
	15	19.5	0	14	19	5		19	5		
	16	19.5	0	14	19.1	5.1		19.3	5.3		
	17	19.5	0	14	19.1	5.1		19.2	5.2		
	18	19.5	0	14	19.3	5.3		19.3	5.3		
	19	19.5	0	14	19.2	5.2		19.1	5.1		
	20	19.5	0	14	19.3	5.3		19.3	5.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 1/2						
Location of Structure :					Frame No.277						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(UPPER PART)	21	20.5	0	14	20.3	6.3		20.2	6.2		
	22	20.5	0	14	20.4	6.4		20.3	6.3		
	23	20.5	0	14	20.3	6.3		20.3	6.3		
	24	20.5	0	14	20.4	6.4		20.3	6.3		
	25	21.5	0	15	21.3	6.3		21.4	6.4		
	26	21.5	0	15	21.4	6.4		21.3	6.3		
	27	21	0	16	20.7	4.7		20.9	4.9		
	28	21	0	16	20.9	4.9		20.8	4.8		
	29	21	0	16	20.8	4.8		20.8	4.8		
	30	21	0	16	20.7	4.7		20.9	4.9		
BHD PLATE(MID. PART)	0	23.5	0	17	22	5					
	1	23.5	0	17	21.8	4.8		22	5		
	2	23.5	0	17	22.1	5.1		21.9	4.9		
	3	23.5	0	17	22	5		22.3	5.3		
	4	23.5	0	17	21.9	4.9		21.8	4.8		
	5	23.5	0	17	21.8	4.8		21.9	4.9		
	6	23.5	0	17	22.1	5.1		21.8	4.8		
	7	23.5	0	17	21.7	4.7		21.9	4.9		
	8	23.5	0	17	21.9	4.9		22.3	5.3		
	9	23.5	0	17	22.3	5.3		22.1	5.1		
	10	23.5	0	17	22	5		22.4	5.4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :				Bulkhead Between Cargo Hold Nos. 1/2							
Location of Structure :				Frame No.277							
Type of Bulkhead :				Corrugated Transverse Bulkhead							
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(MID. PART)	11	23.5	0	17	22.3	5.3		22.3	5.3		
	12	23.5	0	17	21.9	4.9		22	5		
	13	23.5	0	17	22.4	5.4		22.2	5.2		
	14	23.5	0	17	22.2	5.2		22.5	5.5		
	15	23.5	0	17	22.5	5.5		22.3	5.3		
	16	23.5	0	17	22.4	5.4		22.5	5.5		
	17	23.5	0	17	22.6	5.6		22.7	5.7		
	18	23.5	0	17	22.3	5.3		23.2	6.2		
	19	23.5	0	17	22.7	5.7		22.3	5.3		
	20	23.5	0	17	23.2	6.2		23.3	6.3		
	21	20.5	0	14	20.2	6.2		20.4	6.4		
	22	20.5	0	14	20.3	6.3		20.3	6.3		
	23	20.5	0	14	20.3	6.3		20.3	6.3		
	24	20.5	0	14	20.4	6.4		20.4	6.4		
	25	21.5	0	15	21.4	6.4		21.3	6.3		
	26	21.5	0	15	21.3	6.3		21.3	6.3		
	27	23	0	18	22.8	4.8		22.7	4.7		
	28	23	0	18	22.6	4.6		22.7	4.7		
	29	23	0	18	22.8	4.8		22.8	4.8		
	30	23	0	18	22.7	4.7		22.7	4.7		
BHD PLATE(LOWER PART)	0	25.5	0	19	22.8	3.8					

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :				Bulkhead Between Cargo Hold Nos. 1/2							
Location of Structure :				Frame No.277							
Type of Bulkhead :				Corrugated Transverse Bulkhead							
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(LOWER PART)	1	25.5	0	19	22.6	3.6		23	4		
	2	25.5	0	19	22.9	3.9		23.1	4.1		
	3	25.5	0	19	22.7	3.7		22.9	3.9		
	4	25.5	0	19	23.1	4.1		23.2	4.2		
	5	25.5	0	19	22.9	3.9		23.1	4.1		
	6	25.5	0	19	22.8	3.8		23.4	4.4		
	7	25.5	0	19	23.1	4.1		23.2	4.2		
	8	25.5	0	19	22.9	3.9		23	4		
	9	25.5	0	19	23.3	4.3		23.2	4.2		
	10	25.5	0	19	23.6	4.6		23.3	4.3		
	11	25.5	0	19	23.5	4.5		23.5	4.5		
	12	25.5	0	19	23.7	4.7		23.6	4.6		
	13	25.5	0	19	23.6	4.6		23.4	4.4		
	14	25.5	0	19	23.4	4.4		23.2	4.2		
	15	25.5	0	19	23.9	4.9		23.5	4.5		
	16	25.5	0	19	23.2	4.2		24.3	5.3		
	17	25.5	0	19	24.3	5.3		23.6	4.6		
	18	25.5	0	19	23.3	4.3		24.2	5.2		
	19	25.5	0	19	24.3	5.3		24.8	5.8		
	20	25.5	0	19	24.5	5.5		24.6	5.6		
	21	25.5	0	19	24.6	5.6		24.8	5.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 1/2						
Location of Structure :					Frame No.277						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(LOWER PART)	22	25.5	0	19	24.8	5.8		24.7	5.7		
	23	25.5	0	19	24.6	5.6		25.2	6.2		
	24	25.5	0	19	25.1	6.1		25.3	6.3		
	25	25.5	0	19	25.2	6.2		25.1	6.1		
	26	25.5	0	19	25.3	6.3		25.2	6.2		
	27	23	0	18	22.7	4.7		22.7	4.7		
	28	23	0	18	22.8	4.8		22.8	4.8		
	29	23	0	18	22.6	4.6		22.7	4.7		
	30	23	0	18	22.8	4.8		22.8	4.8		
UPPER STOOL PL.(NO.1C/H AFTER)	1	15.5	0	11.5	15.4	3.9		15.3	3.8		
	2	15.5	0	11.5	15.3	3.8		15.2	3.7		
	3	14	0	10	13.7	3.7		13.9	3.9		
	4	14	0	10	13.8	3.8		13.8	3.8		
	5	14	0	10	13.8	3.8		13.7	3.7		
	6	14	0	10	13.7	3.7		13.7	3.7		
	7	15.5	0	11.5	15.3	3.8		15.3	3.8		
	8	15.5	0	11.5	15.2	3.7		15.2	3.7		
UPPER STOOL PL.(NO.2 C/H FORE)	1	15.5	0	11.5	15.4	3.9		15.3	3.8		
	2	15.5	0	11.5	15.3	3.8		15.4	3.9		
	3	14	0	10	13.7	3.7		13.8	3.8		
	4	14	0	10	13.9	3.9		13.9	3.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 1/2						
Location of Structure :					Frame No.277						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
UPPER STOOL PL.(NO.2 C/H FORE)	5	14	0	10	13.7	3.7		13.8	3.8		
	6	14	0	10	13.8	3.8		13.7	3.7		
	7	15.5	0	11.5	15.3	3.8		15.4	3.9		
	8	15.5	0	11.5	15.5	4		15.3	3.8		
UPPER STOOL INTERNAL	W0---1	12	0	10	11.7	1.7					
	W0---2	12	0	10	11.8	1.8					
	W1---1	12	0	10	11.7	1.7		11.8	1.8		
	W1---2	12	0	10	11.8	1.8		11.7	1.7		
	W2---1	12	0	10	11.7	1.7		11.9	1.9		
	W2---2	12	0	10	11.7	1.7		11.8	1.8		
	W3---1	12	0	10	11.9	1.9		11.7	1.7		
	W3---2	12	0	10	11.8	1.8		11.7	1.7		
LOWER STOOL PL.(NO.1C/H AFTER)	1	21.5	0	15	18.7	3.7		18.9	3.9		
	2	21.5	0	15	19.1	4.1		19	4		
	3	21.5	0	15	20.1	5.1		20.5	5.5		
	4	21.5	0	15	20.3	5.3		20.2	5.2		
	5	21.5	0	15	18.9	3.9		19.2	4.2		
	6	21.5	0	15	20.7	5.7		20.8	5.8		
	7	25.5	0	19	24.7	5.7		24.7	5.7		
	8	25.5	0	19	24.6	5.6		24.8	5.8		
	9	25.5	0	19	24.8	5.8		24.6	5.6		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :				Bulkhead Between Cargo Hold Nos. 1/2							
Location of Structure :				Frame No.277							
Type of Bulkhead :				Corrugated Transverse Bulkhead							
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
LOWER STOOL PL.(NO.1C/H AFTER)	10	25.5	0	19	24.7	5.7		24.8	5.8		
	11	25.5	0	19	24.9	5.9		25.2	6.2		
	12	25.5	0	19	24.7	5.7		25	6		
LOWER STOOL PL.(NO.2 C/H FORE)	1	21.5	0	15	18.7	3.7		19.1	4.1		
	2	21.5	0	15	19.1	4.1		18.9	3.9		
	3	21.5	0	15	20.5	5.5		20.3	5.3		
	4	21.5	0	15	20.3	5.3		20.2	5.2		
	5	21.5	0	15	19.2	4.2		19.1	4.1		
	6	21.5	0	15	20.9	5.9		20.7	5.7		
	7	25.5	0	19	24.4	5.4		24.6	5.6		
	8	25.5	0	19	24.7	5.7		24.8	5.8		
	9	25.5	0	19	24.5	5.5		24.6	5.6		
	10	25.5	0	19	24.6	5.6		24.7	5.7		
	11	25.5	0	19	24.4	5.4		24.8	5.8		
	12	25.5	0	19	24.9	5.9		25	6		
LOWER STOOL INTERNAL	W0---1	12	0	10	12	2					
	W0---2	12	0	10	11.8	1.8					
	W1---1	12	0	10	11.7	1.7		11.9	1.9		
	W1---2	12	0	10	11.9	1.9		11.7	1.7		
	W2---1	12	0	10	11.7	1.7		11.7	1.7		
	W2---2	12	0	10	11.9	1.9		11.9	1.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 1/2						
Location of Structure :					Frame No.277						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
LOWER STOOL INTERNAL	W3---1	12	0	10	11.7	1.7		11.8	1.8		
	W3---2	12	0	10	11.8	1.8		11.7	1.7		
	W4---2	12	0	10	11.7	1.7		11.9	1.9		
	W4---1	12	0	10	11.9	1.9		11.7	1.7		
	W5---2	12	0	10	11.7	1.7		11.8	1.8		
	W5---1	12	0	10	11.8	1.8		11.9	1.9		
SHEDDER PLATE	A1	25.5	0	19	24.9	5.9					
	A2	25.5	0	19	25.1	6.1		25.1	6.1		
	A3	25.5	0	19	24.9	5.9		25.2	6.2		
	A4	25.5	0	19	25.1	6.1		24.8	5.8		
	A5	25.5	0	19	24.9	5.9		24.9	5.9		
	A6	25.5	0	19	25.1	6.1		25.2	6.2		
	A7	25.5	0	19	25.2	6.2		24.9	5.9		
	F1	19	0	12.5	18.6	6.1		18.4	5.9		
	F2	19	0	12.5	18.7	6.2		18.5	6		
	F3	19	0	12.5	18.4	5.9		18.3	5.8		
	F4	19	0	12.5	18.6	6.1		18.4	5.9		
	F5	19	0	12.5	18.3	5.8		18.6	6.1		
	F6	19	0	12.5	18.5	6		18.4	5.9		
GUSSET PLATE	A1	25.5	0	19	24.8	5.8					
	A2	25.5	0	19	24.9	5.9		24.7	5.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

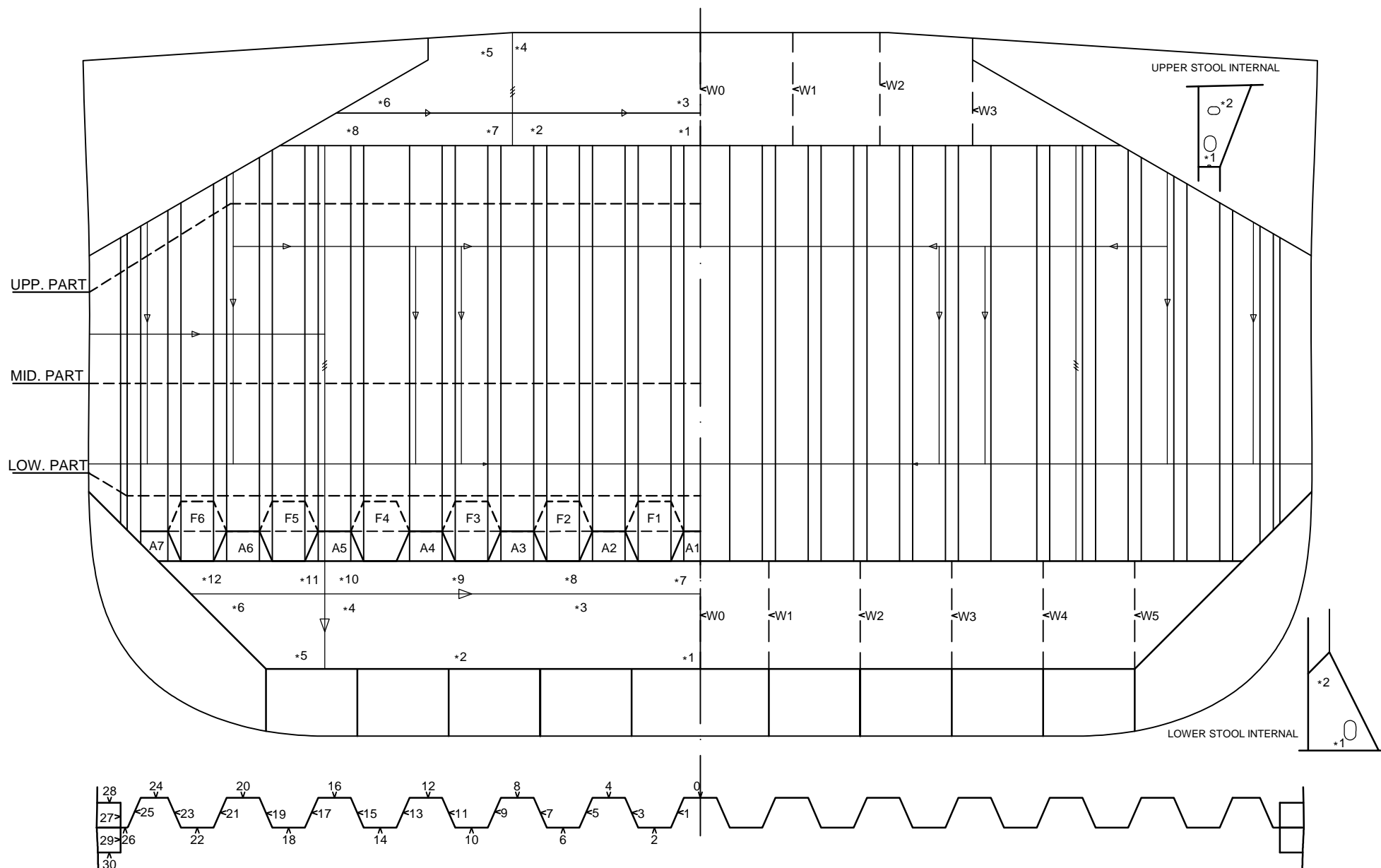
LR/IMO Number : 9492098

TM Report No : ZSN2066110

Cargo Holds – Transverse Bulkheads - Bulkhead Between Cargo
Hold Nos. 1/2

TM Sketches

No.1 C/H AFTER TRANS. BHD AT FR.277





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

**Cargo Holds – Transverse Bulkheads -
Bulkhead Between Cargo Hold Nos. 2/3**

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :				Bulkhead Between Cargo Hold Nos. 2/3							
Location of Structure :				Frame No. 248							
Type of Bulkhead :				Corrugated Transverse Bulkhead							
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(UPPER PART)	0	17	0	11.5	16.7	5.2					
	1	17	0	11.5	16.6	5.1		16.8	5.3		
	2	17	0	11.5	16.9	5.4		16.7	5.2		
	3	17	0	11.5	16.6	5.1		16.9	5.4		
	4	17	0	11.5	16.6	5.1		16.6	5.1		
	5	17	0	11.5	16.7	5.2		16.7	5.2		
	6	17	0	11.5	16.6	5.1		16.7	5.2		
	7	17	0	11.5	16.8	5.3		16.9	5.4		
	8	17	0	11.5	16.7	5.2		16.8	5.3		
	9	17	0	11.5	16.7	5.2		16.7	5.2		
	10	17	0	11.5	16.8	5.3		16.8	5.3		
	11	17	0	11.5	16.8	5.3		16.8	5.3		
	12	17	0	11.5	16.7	5.2		16.7	5.2		
	13	17	0	11.5	16.7	5.2		16.7	5.2		
	14	17	0	11.5	16.8	5.3		16.9	5.4		
	15	17	0	11.5	16.7	5.2		16.8	5.3		
	16	17	0	11.5	16.8	5.3		16.7	5.2		
	17	17	0	11.5	16.8	5.3		16.9	5.4		
	18	17	0	11.5	16.9	5.4		16.7	5.2		
	19	17	0	11.5	16.8	5.3		16.8	5.3		
	20	17	0	11.5	16.9	5.4		16.9	5.4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 2/3						
Location of Structure :					Frame No. 248						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(UPPER PART)	21	20.5	0	14	20.4	6.4		20.6	6.6		
	22	20.5	0	14	20.3	6.3		20.7	6.7		
	23	20.5	0	14	20.3	6.3		20.6	6.6		
	24	20.5	0	14	20.6	6.6		20.7	6.7		
	25	21.5	0	15	21.4	6.4		21.3	6.3		
	26	21.5	0	15	21.3	6.3		21.3	6.3		
	27	21	0	16	21	5		20.8	4.8		
	28	21	0	16	20.8	4.8		20.9	4.9		
	29	21	0	16	20.9	4.9		20.7	4.7		
	30	21	0	16	20.7	4.7		20.9	4.9		
BHD PLATE(MID. PART)	0	20.5	0	14	18.2	4.2					
	1	20.5	0	14	18.3	4.3		18.7	4.7		
	2	20.5	0	14	18.3	4.3		18.5	4.5		
	3	20.5	0	14	18.3	4.3		18.4	4.4		
	4	20.5	0	14	18.2	4.2		18.6	4.6		
	5	20.5	0	14	18.5	4.5		18.9	4.9		
	6	20.5	0	14	18.6	4.6		18.2	4.2		
	7	20.5	0	14	18.2	4.2		18.4	4.4		
	8	20.5	0	14	18.9	4.9		18.8	4.8		
	9	20.5	0	14	18.9	4.9		19.3	5.3		
	10	20.5	0	14	19.2	5.2		19.1	5.1		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 2/3						
Location of Structure :					Frame No. 248						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(MID. PART)	11	20.5	0	14	19.4	5.4		18.9	4.9		
	12	20.5	0	14	18.9	4.9		19.2	5.2		
	13	20.5	0	14	19.2	5.2		19.1	5.1		
	14	20.5	0	14	19.1	5.1		19.4	5.4		
	15	20.5	0	14	19.6	5.6		19.6	5.6		
	16	20.5	0	14	20	6		19.8	5.8		
	17	20.5	0	14	20.1	6.1		20.2	6.2		
	18	20.5	0	14	20.2	6.2		20.3	6.3		
	19	20.5	0	14	20.3	6.3		20.3	6.3		
	20	20.5	0	14	20.4	6.4		20.4	6.4		
	21	20.5	0	14	20.1	6.1		20.2	6.2		
	22	20.5	0	14	20.2	6.2		20.4	6.4		
	23	20.5	0	14	20.3	6.3		20.3	6.3		
	24	20.5	0	14	20.2	6.2		20.4	6.4		
	25	21.5	0	15	21.4	6.4		21.4	6.4		
	26	21.5	0	15	21.5	6.5		21.3	6.3		
	27	23	0	18	22.6	4.6		22.7	4.7		
	28	23	0	18	22.5	4.5		22.8	4.8		
	29	23	0	18	22.7	4.7		22.6	4.6		
	30	23	0	18	22.8	4.8		22.7	4.7		
BHD PLATE(LOWER PART)	0	23	0	16.5	19.9	3.4					

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :				Bulkhead Between Cargo Hold Nos. 2/3							
Location of Structure :				Frame No. 248							
Type of Bulkhead :				Corrugated Transverse Bulkhead							
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(LOWER PART)	1	23	0	16.5	20.3	3.8		20.5	4		
	2	23	0	16.5	20.4	3.9		20.2	3.7		
	3	23	0	16.5	20.6	4.1		20.5	4		
	4	23	0	16.5	20.3	3.8		20.2	3.7		
	5	23	0	16.5	20.9	4.4		20.8	4.3		
	6	23	0	16.5	21.2	4.7		21.1	4.6		
	7	23	0	16.5	21	4.5		21.2	4.7		
	8	23	0	16.5	20.9	4.4		21	4.5		
	9	23	0	16.5	20.9	4.4		20.9	4.4		
	10	23	0	16.5	21.1	4.6		21	4.5		
	11	23	0	16.5	21.2	4.7		20.9	4.4		
	12	23	0	16.5	21.4	4.9		21.5	5		
	13	23	0	16.5	21.6	5.1		21.8	5.3		
	14	23	0	16.5	21.4	4.9		21.3	4.8		
	15	23	0	16.5	21.2	4.7		21.7	5.2		
	16	23	0	16.5	21.5	5		21.8	5.3		
	17	23	0	16.5	21.8	5.3		21.6	5.1		
	18	23	0	16.5	21.7	5.2		21.5	5		
	19	23	0	16.5	21.8	5.3		21.7	5.2		
	20	23	0	16.5	21.6	5.1		21.8	5.3		
	21	23	0	16.5	22.1	5.6		21.9	5.4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 2/3						
Location of Structure :					Frame No. 248						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(LOWER PART)	22	23	0	16.5	22.3	5.8		22.1	5.6		
	23	23	0	16.5	22.2	5.7		22.2	5.7		
	24	23	0	16.5	22.4	5.9		22.1	5.6		
	25	23	0	16.5	22.5	6		22.5	6		
	26	23	0	16.5	22.1	5.6		22.5	6		
	27	23	0	16.5	22.7	6.2		22.1	5.6		
	28	23	0	16.5	22.3	5.8		22.6	6.1		
	29	23	0	16.5	22.6	6.1		22.5	6		
	30	23	0	16.5	22.1	5.6		22.6	6.1		
UPPER STOOL PL.(NO.2C/H AFTER)	1	14	0	10	13.7	3.7		13.9	3.9		
	2	14	0	10	13.7	3.7		13.6	3.6		
	3	14	0	10	13.8	3.8		13.8	3.8		
	4	14	0	10	13.7	3.7		13.8	3.8		
	5	14	0	10	13.6	3.6		13.7	3.7		
	6	14	0	10	13.7	3.7		13.9	3.9		
	7	14	0	10	13.8	3.8		13.8	3.8		
	8	14	0	10	13.9	3.9		13.8	3.8		
UPPER STOOL PL.(NO.3 C/H FORE)	1	14	0	10	13.7	3.7		13.7	3.7		
	2	14	0	10	13.7	3.7		13.8	3.8		
	3	14	0	10	13.8	3.8		13.9	3.9		
	4	14	0	10	13.9	3.9		13.7	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 2/3						
Location of Structure :					Frame No. 248						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
UPPER STOOL PL.(NO.3 C/H FORE)	5	14	0	10	13.8	3.8		13.8	3.8		
	6	14	0	10	13.7	3.7		13.9	3.9		
	7	14	0	10	13.8	3.8		13.8	3.8		
	8	14	0	10	13.9	3.9		13.7	3.7		
UPPER STOOL INTERNAL	W0---1	12	0	10	11.8	1.8					
	W0---2	12	0	10	11.9	1.9					
	W1---1	12	0	10	11.8	1.8		11.9	1.9		
	W1---2	12	0	10	11.7	1.7		11.7	1.7		
	W2---1	12	0	10	11.8	1.8		11.8	1.8		
	W2---2	12	0	10	11.7	1.7		11.7	1.7		
	W3---1	12	0	10	11.9	1.9		11.8	1.8		
	W3---2	12	0	10	11.7	1.7		11.9	1.9		
LOWER STOOL PL.(NO.2C/H AFTER)	1	26	0	19.5	23.1	3.6		22.8	3.3		
	2	21.5	0	15	18.7	3.7		18.6	3.6		
	3	21.5	0	15	19.9	4.9		20.1	5.1		
	4	21.5	0	15	20.7	5.7		20.9	5.9		
	5	21.5	0	15	19.1	4.1		19.2	4.2		
	6	21.5	0	15	20.6	5.6		20.8	5.8		
	7	23	0	16.5	22.3	5.8		21.9	5.4		
	8	23	0	16.5	21.8	5.3		22.6	6.1		
	9	23	0	16.5	22.5	6		22.4	5.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 2/3						
Location of Structure :					Frame No. 248						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
LOWER STOOL PL.(NO.3C/H AFTER)	10	23	0	16.5	22.1	5.6		22.5	6		
	11	23	0	16.5	22.2	5.7		22.6	6.1		
	12	23	0	19.5	22.7	3.2		22.7	3.2		
LOWER STOOL PL.(NO.3 C/H FORE)	1	26	0	19.5	23.2	3.7		22.9	3.4		
	2	21.5	0	15	18.8	3.8		18.9	3.9		
	3	21.5	0	15	20.1	5.1		20.2	5.2		
	4	21.5	0	15	20.5	5.5		20.3	5.3		
	5	21.5	0	15	19.1	4.1		18.9	3.9		
	6	21.5	0	15	20.6	5.6		20.2	5.2		
	7	23	0	16.5	22.1	5.6		22.4	5.9		
	8	23	0	16.5	22.4	5.9		22.3	5.8		
	9	23	0	16.5	22.5	6		22.6	6.1		
	10	23	0	16.5	22.3	5.8		22.4	5.9		
	11	23	0	16.5	22.6	6.1		22.6	6.1		
	12	23	0	16.5	22.5	6		22.6	6.1		
LOWER STOOL INTERNAL	W0---1	12	0	10	11.8	1.8					
	W0---2	12	0	10	11.7	1.7					
	W1---1	12	0	10	11.6	1.6		11.9	1.9		
	W1---2	12	0	10	11.7	1.7		11.7	1.7		
	W2---1	12	0	10	11.8	1.8		11.8	1.8		
	W2---2	12	0	10	11.9	1.9		11.9	1.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 2/3						
Location of Structure :					Frame No. 248						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
LOWER STOOL INTERNAL	W3---1	12	0	10	11.8	1.8		11.7	1.7		
	W3---2	12	0	10	11.7	1.7		11.8	1.8		
	W4---2	12	0	10	11.9	1.9		11.7	1.7		
	W4---1	12	0	10	11.8	1.8		11.8	1.8		
	W5---2	12	0	10	11.7	1.7		11.8	1.8		
	W5---1	12	0	10	11.8	1.8		11.9	1.9		
SHEDDER PLATE	A1	23	0	16.5	22.3	5.8					
	A2	23	0	16.5	22.1	5.6		22.4	5.9		
	A3	23	0	16.5	22.3	5.8		22.1	5.6		
	A4	23	0	16.5	22.4	5.9		22.3	5.8		
	A5	23	0	16.5	22.6	6.1		22.5	6		
	A6	23	0	16.5	22.4	5.9		22.5	6		
	A7	23	0	16.5	22.5	6		22.4	5.9		
	F1	18	0	11.5	17.5	6		17.2	5.7		
	F2	18	0	11.5	17.4	5.9		17.4	5.9		
	F3	18	0	11.5	17.4	5.9		17.3	5.8		
	F4	18	0	11.5	17.5	6		17.3	5.8		
	F5	18	0	11.5	17.3	5.8		17.2	5.7		
	F6	18	0	11.5	17.3	5.8		17.4	5.9		
GUSSET PLATE	A1	23	0	16.5	22.3	5.8					
	A2	23	0	16.5	22.2	5.7		22.4	5.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

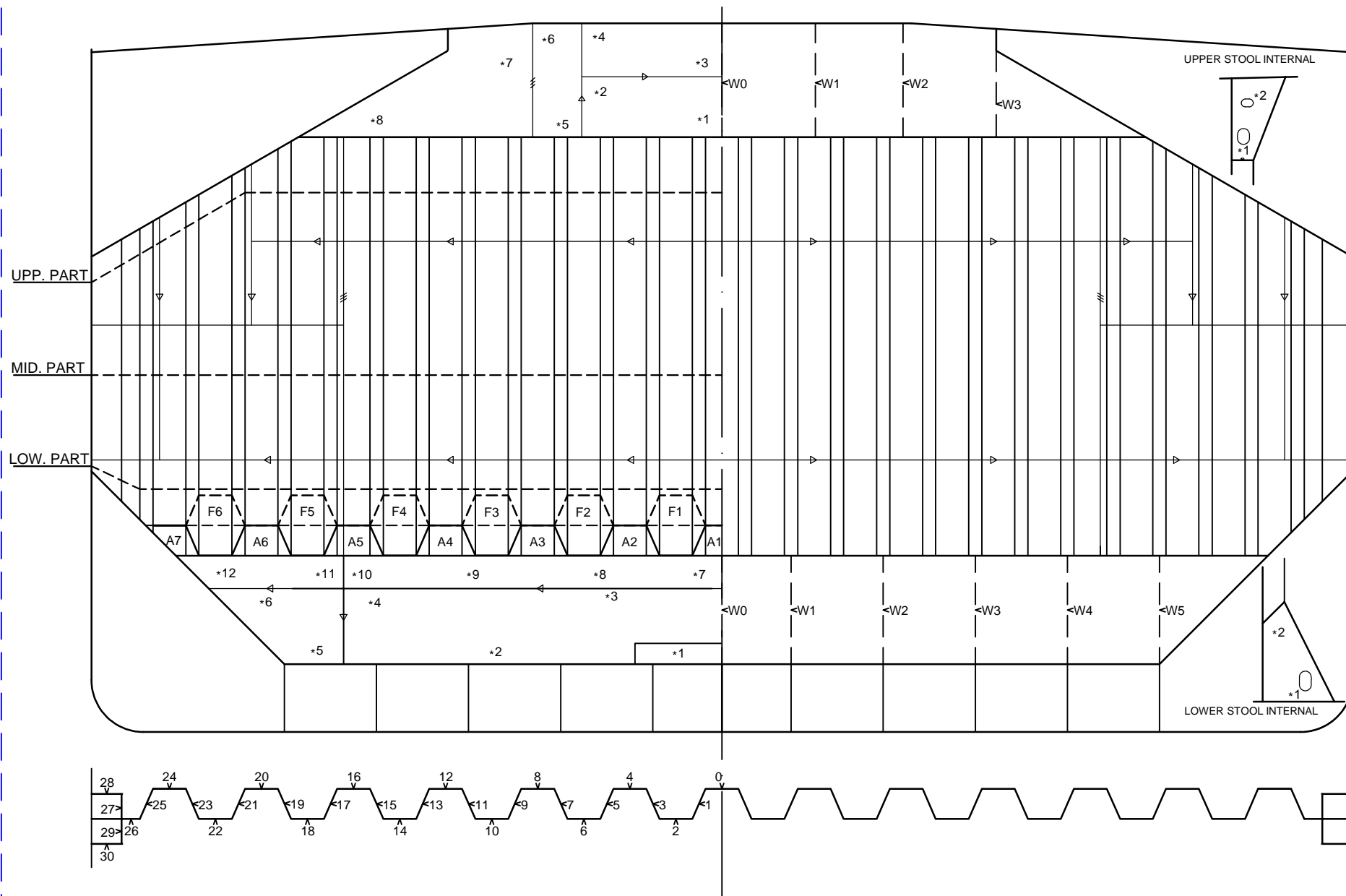
LR/IMO Number : 9492098

TM Report No : ZSN2066110

Cargo Holds – Transverse Bulkheads - Bulkhead Between Cargo
Hold Nos. 2/3

TM Sketches

No.2 C/H AFTER TRANS. BHD AT FR.248





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

**Cargo Holds – Transverse Bulkheads -
Bulkhead Between Cargo Hold Nos. 3/4**

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 3/4						
Location of Structure :					Frame No. 219						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(UPPER PART)	0	17	0	11.5	16.6	5.1					
	1	17	0	11.5	16.7	5.2		16.8	5.3		
	2	17	0	11.5	16.7	5.2		16.7	5.2		
	3	17	0	11.5	16.8	5.3		16.8	5.3		
	4	17	0	11.5	16.7	5.2		16.6	5.1		
	5	17	0	11.5	16.5	5		16.7	5.2		
	6	17	0	11.5	16.8	5.3		16.8	5.3		
	7	17	0	11.5	16.7	5.2		16.7	5.2		
	8	17	0	11.5	16.8	5.3		16.8	5.3		
	9	17	0	11.5	16.5	5		16.9	5.4		
	10	17	0	11.5	16.7	5.2		16.8	5.3		
	11	17	0	11.5	16.8	5.3		16.7	5.2		
	12	17	0	11.5	16.9	5.4		16.7	5.2		
	13	17	0	11.5	16.7	5.2		16.9	5.4		
	14	17	0	11.5	16.8	5.3		16.7	5.2		
	15	17	0	11.5	16.7	5.2		16.8	5.3		
	16	17	0	11.5	16.8	5.3		16.8	5.3		
	17	17	0	11.5	16.6	5.1		16.7	5.2		
	18	17	0	11.5	16.7	5.2		16.8	5.3		
	19	17	0	11.5	16.8	5.3		16.9	5.4		
	20	17	0	11.5	16.9	5.4		16.7	5.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 3/4						
Location of Structure :					Frame No. 219						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(UPPER PART)	21	20.5	0	14	20.4	6.4		20.4	6.4		
	22	20.5	0	14	20.3	6.3		20.3	6.3		
	23	20.5	0	14	20.4	6.4		20.4	6.4		
	24	20.5	0	14	20.2	6.2		20.3	6.3		
	25	21.5	0	15	21.4	6.4		21.2	6.2		
	26	21.5	0	15	21.3	6.3		21.3	6.3		
	27	21	0	16	20.7	4.7		20.7	4.7		
	28	21	0	16	20.8	4.8		20.8	4.8		
	29	21	0	16	20.6	4.6		20.7	4.7		
	30	21	0	16	20.7	4.7		20.9	4.9		
BHD PLATE(MID. PART)	0	20.5	0	14	18.6	4.6					
	1	20.5	0	14	18.9	4.9		19.1	5.1		
	2	20.5	0	14	19.1	5.1		19.2	5.2		
	3	20.5	0	14	18.9	4.9		19.3	5.3		
	4	20.5	0	14	19.3	5.3		19.2	5.2		
	5	20.5	0	14	19	5		19.1	5.1		
	6	20.5	0	14	19.1	5.1		19.2	5.2		
	7	20.5	0	14	19.3	5.3		19	5		
	8	20.5	0	14	19.1	5.1		19.1	5.1		
	9	20.5	0	14	19.3	5.3		19.3	5.3		
	10	20.5	0	14	19.2	5.2		19.2	5.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 3/4						
Location of Structure :					Frame No. 219						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(MID. PART)	11	20.5	0	14	19.1	5.1		19.1	5.1		
	12	20.5	0	14	19.2	5.2		19.2	5.2		
	13	20.5	0	14	19.3	5.3		19.1	5.1		
	14	20.5	0	14	19.1	5.1		19.2	5.2		
	15	20.5	0	14	19.4	5.4		19.4	5.4		
	16	20.5	0	14	19.2	5.2		19.5	5.5		
	17	20.5	0	14	19.3	5.3		19.4	5.4		
	18	20.5	0	14	19.1	5.1		19.3	5.3		
	19	20.5	0	14	19.2	5.2		19.2	5.2		
	20	20.5	0	14	19	5		19.2	5.2		
	21	20.5	0	14	19.1	5.1		19.2	5.2		
	22	20.5	0	14	19.2	5.2		19.2	5.2		
	23	20.5	0	14	19.2	5.2		19.3	5.3		
	24	20.5	0	14	19.2	5.2		19.2	5.2		
	25	21.5	0	15	20.3	5.3		20.2	5.2		
	26	21.5	0	15	20.2	5.2		20.3	5.3		
	27	23	0	18	21.8	3.8		21.6	3.6		
	28	23	0	18	21.7	3.7		21.8	3.8		
	29	23	0	18	21.9	3.9		21.6	3.6		
	30	23	0	18	21.8	3.8		21.8	3.8		
BHD PLATE(LOWER PART)	0	23	0	16.5	20.6	4.1					

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 3/4						
Location of Structure :					Frame No. 219						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(LOWER PART)	1	23	0	16.5	20.7	4.2		20.6	4.1		
	2	23	0	16.5	20.9	4.4		20.9	4.4		
	3	23	0	16.5	20.9	4.4		21	4.5		
	4	23	0	16.5	21.1	4.6		21.2	4.7		
	5	23	0	16.5	20.8	4.3		20.7	4.2		
	6	23	0	16.5	20.9	4.4		20.7	4.2		
	7	23	0	16.5	20.8	4.3		21.3	4.8		
	8	23	0	16.5	21.3	4.8		20.7	4.2		
	9	23	0	16.5	21.1	4.6		20.9	4.4		
	10	23	0	16.5	21.5	5		21.2	4.7		
	11	23	0	16.5	21.1	4.6		21.3	4.8		
	12	23	0	16.5	21.6	5.1		21.6	5.1		
	13	23	0	16.5	21.8	5.3		21.7	5.2		
	14	23	0	16.5	22	5.5		21.9	5.4		
	15	23	0	16.5	22.3	5.8		21.8	5.3		
	16	23	0	16.5	22.2	5.7		22.3	5.8		
	17	23	0	16.5	22.4	5.9		22.1	5.6		
	18	23	0	16.5	22.3	5.8		22.2	5.7		
	19	23	0	16.5	22.5	6		22.2	5.7		
	20	23	0	16.5	22.1	5.6		22.3	5.8		
	21	23	0	16.5	22.5	6		22.4	5.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 3/4						
Location of Structure :					Frame No. 219						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(LOWER PART)	22	23	0	16.5	22.3	5.8		22.1	5.6		
	23	23	0	16.5	22.1	5.6		22.4	5.9		
	24	23	0	16.5	22.3	5.8		22.1	5.6		
	25	23	0	16.5	22.5	6		22.4	5.9		
	26	23	0	16.5	22.6	6.1		22.7	6.2		
	27	23	0	16.5	22.4	5.9		22.6	6.1		
	28	23	0	16.5	22.5	6		22.5	6		
	29	23	0	16.5	22.6	6.1		22.7	6.2		
	30	23	0	16.5	22.7	6.2		22.6	6.1		
UPPER STOOL PL.(NO.3C/H AFTER)	1	14	0	10	13.7	3.7		13.7	3.7		
	2	14	0	10	13.6	3.6		13.9	3.9		
	3	14	0	10	13.8	3.8		13.8	3.8		
	4	14	0	10	13.6	3.6		13.7	3.7		
	5	14	0	10	13.7	3.7		13.7	3.7		
	6	14	0	10	13.9	3.9		13.9	3.9		
	7	14	0	10	13.7	3.7		13.7	3.7		
	8	14	0	10	13.8	3.8		13.6	3.6		
UPPER STOOL PL.(NO.4 C/H FORE)	1	14	0	10	13.7	3.7		13.7	3.7		
	2	14	0	10	13.8	3.8		13.9	3.9		
	3	14	0	10	13.6	3.6		13.7	3.7		
	4	14	0	10	13.9	3.9		13.8	3.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 3/4						
Location of Structure :					Frame No. 219						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
UPPER STOOL PL.(NO.4 C/H FORE)	5	14	0	10	13.7	3.7		13.7	3.7		
	6	14	0	10	13.7	3.7		13.9	3.9		
	7	14	0	10	13.8	3.8		13.8	3.8		
	8	14	0	10	13.9	3.9		13.8	3.8		
UPPER STOOL INTERNAL	W0---1	12	0	10	11.8	1.8					
	W0---2	12	0	10	11.9	1.9					
	W1---1	12	0	10	11.7	1.7		11.7	1.7		
	W1---2	12	0	10	11.9	1.9		11.9	1.9		
	W2---1	12	0	10	11.8	1.8		11.7	1.7		
	W2---2	12	0	10	11.7	1.7		11.8	1.8		
	W3---1	12	0	10	11.7	1.7		11.8	1.8		
	W3---2	12	0	10	11.9	1.9		11.7	1.7		
LOWER STOOL PL.(NO.3C/H AFTER)	1	26	0	19.5	23.3	3.8		23.4	3.9		
	2	21.5	0	15	18.9	3.9		18.6	3.6		
	3	21.5	0	15	20.4	5.4		19.9	4.9		
	4	21.5	0	15	20.1	5.1		20.3	5.3		
	5	21.5	0	15	19.1	4.1		19.2	4.2		
	6	21.5	0	15	20.4	5.4		20.4	5.4		
	7	23	0	16.5	22.1	5.6		21.9	5.4		
	8	23	0	16.5	22.4	5.9		22.2	5.7		
	9	23	0	16.5	22.6	6.1		22.3	5.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 3/4						
Location of Structure :					Frame No. 219						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
LOWER STOOL PL.(NO.3C/H AFTER)	10	23	0	16.5	22.7	6.2		22.4	5.9		
	11	23	0	16.5	22.2	5.7		22.6	6.1		
	12	23	0	19.5	22.6	3.1		22.5	3		
LOWER STOOL PL.(NO.4 C/H FORE)	1	26	0	19.5	23.2	3.7		23.5	4		
	2	21.5	0	15	19.1	4.1		19.6	4.6		
	3	21.5	0	15	20.5	5.5		20.1	5.1		
	4	21.5	0	15	19.9	4.9		20.2	5.2		
	5	21.5	0	15	19.3	4.3		19.2	4.2		
	6	21.5	0	15	20.5	5.5		20.1	5.1		
	7	23	0	16.5	22.5	6		22.2	5.7		
	8	23	0	16.5	22.1	5.6		22.3	5.8		
	9	23	0	16.5	22.5	6		22.6	6.1		
	10	23	0	16.5	22.2	5.7		22.3	5.8		
	11	23	0	16.5	22.6	6.1		22.3	5.8		
	12	23	0	16.5	22.4	5.9		22.2	5.7		
LOWER STOOL INTERNAL	W0---1	12	0	10	11.7	1.7					
	W0---2	12	0	10	11.7	1.7					
	W1---1	12	0	10	11.8	1.8		11.8	1.8		
	W1---2	12	0	10	11.8	1.8		11.9	1.9		
	W2---1	12	0	10	11.7	1.7		11.7	1.7		
	W2---2	12	0	10	11.8	1.8		11.8	1.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 3/4						
Location of Structure :					Frame No. 219						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
LOWER STOOL INTERNAL	W3---1	12	0	10	11.7	1.7		11.7	1.7		
	W3---2	12	0	10	11.7	1.7		11.8	1.8		
	W4---2	12	0	10	11.9	1.9		11.9	1.9		
	W4---1	12	0	10	11.8	1.8		11.7	1.7		
	W5---2	12	0	10	11.9	1.9		11.7	1.7		
	W5---1	12	0	10	11.7	1.7		11.8	1.8		
SHEDDER PLATE	A1	23	0	16.5	22.2	5.7					
	A2	23	0	16.5	22.3	5.8		22.5	6		
	A3	23	0	16.5	22.6	6.1		22.6	6.1		
	A4	23	0	16.5	22.3	5.8		22.4	5.9		
	A5	23	0	16.5	22.4	5.9		22.3	5.8		
	A6	23	0	16.5	22.4	5.9		22.5	6		
	A7	23	0	16.5	22.3	5.8		22.4	5.9		
	F1	18	0	11.5	17.3	5.8		17.4	5.9		
	F2	18	0	11.5	17.2	5.7		17.3	5.8		
	F3	18	0	11.5	17.3	5.8		17.1	5.6		
	F4	18	0	11.5	17.1	5.6		17.4	5.9		
	F5	18	0	11.5	17.5	6		17.2	5.7		
	F6	18	0	11.5	17.2	5.7		17.3	5.8		
GUSSET PLATE	A1	23	0	16.5	22.4	5.9					
	A2	23	0	16.5	22.3	5.8		22.4	5.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

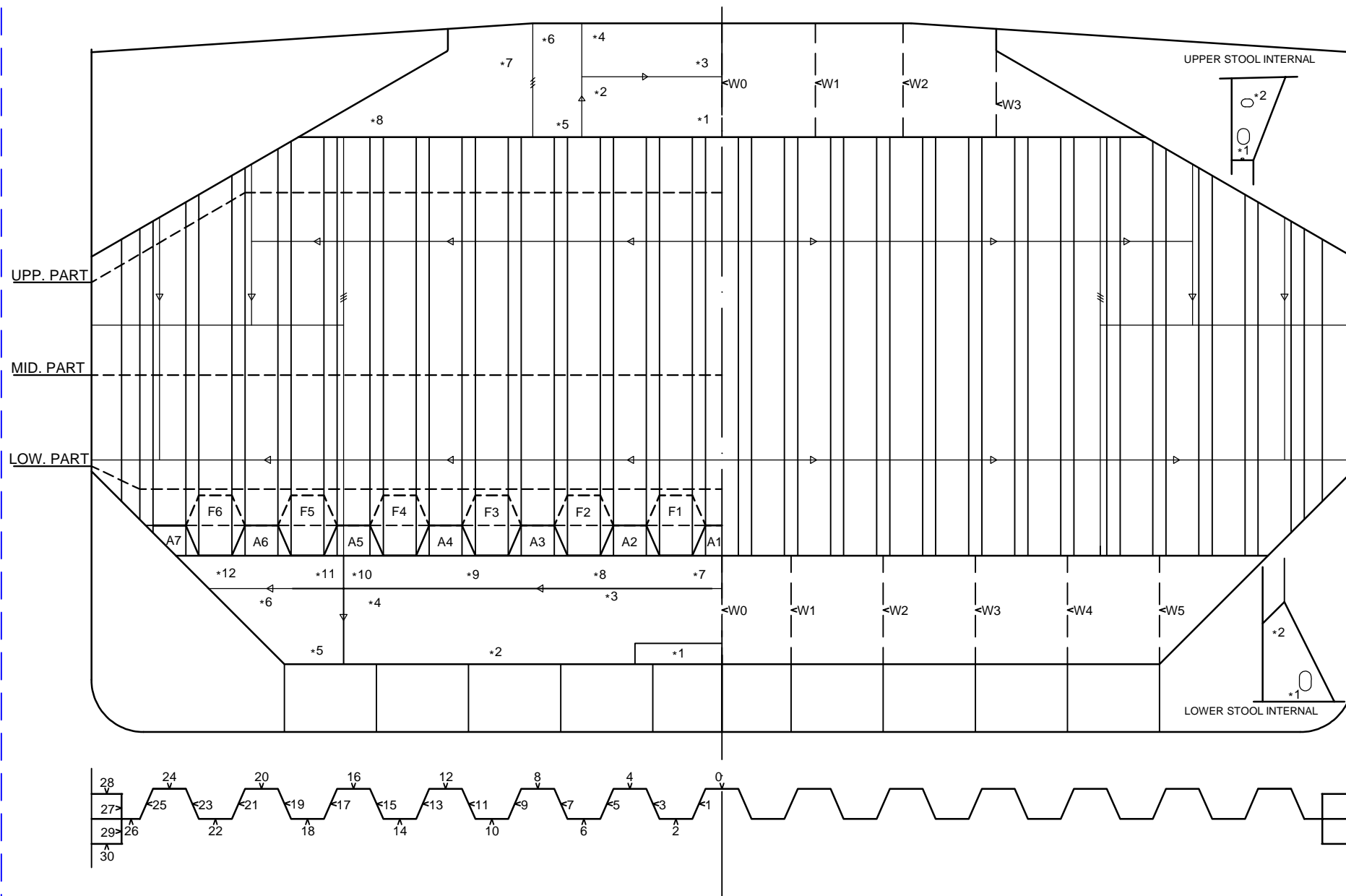
LR/IMO Number : 9492098

TM Report No : ZSN2066110

Cargo Holds – Transverse Bulkheads - Bulkhead Between Cargo
Hold Nos. 3/4

TM Sketches

No.3 C/H AFTER TRANS. BHD AT FR.219





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

**Cargo Holds – Transverse Bulkheads -
Bulkhead Between Cargo Hold Nos. 4/5**

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 4/5						
Location of Structure :					Frame No. 190						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(UPPER PART)	0	17	0	11.5	16.6	5.1					
	1	17	0	11.5	16.7	5.2		16.8	5.3		
	2	17	0	11.5	16.7	5.2		16.6	5.1		
	3	17	0	11.5	16.8	5.3		16.7	5.2		
	4	17	0	11.5	16.6	5.1		16.8	5.3		
	5	17	0	11.5	16.7	5.2		16.7	5.2		
	6	17	0	11.5	16.8	5.3		16.8	5.3		
	7	17	0	11.5	16.5	5		16.6	5.1		
	8	17	0	11.5	16.7	5.2		16.7	5.2		
	9	17	0	11.5	16.8	5.3		16.8	5.3		
	10	17	0	11.5	16.7	5.2		16.8	5.3		
	11	17	0	11.5	16.7	5.2		16.5	5		
	12	17	0	11.5	16.8	5.3		16.8	5.3		
	13	17	0	11.5	16.7	5.2		16.9	5.4		
	14	17	0	11.5	16.8	5.3		16.7	5.2		
	15	17	0	11.5	16.9	5.4		16.8	5.3		
	16	17	0	11.5	16.9	5.4		16.7	5.2		
	17	17	0	11.5	16.8	5.3		16.9	5.4		
	18	17	0	11.5	16.7	5.2		16.8	5.3		
	19	17	0	11.5	16.8	5.3		16.7	5.2		
	20	17	0	11.5	16.7	5.2		16.9	5.4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 4/5						
Location of Structure :					Frame No. 190						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(UPPER PART)	21	20.5	0	14	20.4	6.4		20.4	6.4		
	22	20.5	0	14	20.3	6.3		20.3	6.3		
	23	20.5	0	14	20.4	6.4		20.3	6.3		
	24	20.5	0	14	20.3	6.3		20.4	6.4		
	25	21.5	0	15	21.4	6.4		21.3	6.3		
	26	21.5	0	15	21.3	6.3		21.2	6.2		
	27	21	0	16	20.8	4.8		20.8	4.8		
	28	21	0	16	20.9	4.9		20.9	4.9		
	29	21	0	16	20.7	4.7		20.7	4.7		
	30	21	0	16	20.9	4.9		20.9	4.9		
BHD PLATE(MID. PART)	0	20.5	0	14	18.9	4.9					
	1	20.5	0	14	18.8	4.8		19.1	5.1		
	2	20.5	0	14	19.3	5.3		19.2	5.2		
	3	20.5	0	14	19.2	5.2		19.3	5.3		
	4	20.5	0	14	19.2	5.2		19.5	5.5		
	5	20.5	0	14	19.4	5.4		19.3	5.3		
	6	20.5	0	14	19.6	5.6		19.5	5.5		
	7	20.5	0	14	19.4	5.4		19.7	5.7		
	8	20.5	0	14	19.7	5.7		19.5	5.5		
	9	20.5	0	14	19.7	5.7		19.9	5.9		
	10	20.5	0	14	19.9	5.9		19.7	5.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 4/5						
Location of Structure :					Frame No. 190						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(MID. PART)	11	20.5	0	14	19.6	5.6		20.3	6.3		
	12	20.5	0	14	19.5	5.5		19.6	5.6		
	13	20.5	0	14	19.8	5.8		19.9	5.9		
	14	20.5	0	14	19.4	5.4		19.6	5.6		
	15	20.5	0	14	19.9	5.9		19.7	5.7		
	16	20.5	0	14	19.7	5.7		19.7	5.7		
	17	20.5	0	14	19.9	5.9		20.1	6.1		
	18	20.5	0	14	19.7	5.7		20.3	6.3		
	19	20.5	0	14	19.8	5.8		20.1	6.1		
	20	20.5	0	14	19.6	5.6		19.7	5.7		
	21	20.5	0	14	19.7	5.7		19.9	5.9		
	22	20.5	0	14	19.8	5.8		19.8	5.8		
	23	20.5	0	14	19.6	5.6		19.6	5.6		
	24	20.5	0	14	19.9	5.9		19.7	5.7		
	25	21.5	0	15	21.2	6.2		21	6		
	26	21.5	0	15	21	6		21.1	6.1		
	27	23	0	18	22.6	4.6		22.7	4.7		
	28	23	0	18	22.7	4.7		22.8	4.8		
	29	23	0	18	22.8	4.8		22.7	4.7		
	30	23	0	18	22.8	4.8		22.8	4.8		
BHD PLATE(LOWER PART)	0	23	0	16.5	19.8	3.3					

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 4/5						
Location of Structure :					Frame No. 190						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(LOWER PART)	1	23	0	16.5	20.6	4.1		20.4	3.9		
	2	23	0	16.5	20.5	4		20.3	3.8		
	3	23	0	16.5	20.7	4.2		20.8	4.3		
	4	23	0	16.5	20.5	4		20.7	4.2		
	5	23	0	16.5	20.8	4.3		20.9	4.4		
	6	23	0	16.5	21.1	4.6		21.3	4.8		
	7	23	0	16.5	21.2	4.7		20.6	4.1		
	8	23	0	16.5	20.8	4.3		21.1	4.6		
	9	23	0	16.5	21.2	4.7		20.9	4.4		
	10	23	0	16.5	20.5	4		21.1	4.6		
	11	23	0	16.5	21.1	4.6		21	4.5		
	12	23	0	16.5	21.2	4.7		20.8	4.3		
	13	23	0	16.5	20.4	3.9		21.3	4.8		
	14	23	0	16.5	21.4	4.9		21.4	4.9		
	15	23	0	16.5	21.3	4.8		21.3	4.8		
	16	23	0	16.5	21.2	4.7		21.1	4.6		
	17	23	0	16.5	21.1	4.6		21.2	4.7		
	18	23	0	16.5	21.4	4.9		21.3	4.8		
	19	23	0	16.5	21.5	5		21.3	4.8		
	20	23	0	16.5	21.6	5.1		21.4	4.9		
	21	23	0	16.5	21.6	5.1		21.7	5.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 4/5						
Location of Structure :					Frame No. 190						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(LOWER PART)	22	23	0	16.5	21.7	5.2		21.3	4.8		
	23	23	0	16.5	21.5	5		21.6	5.1		
	24	23	0	16.5	21.5	5		21.7	5.2		
	25	23	0	16.5	21.9	5.4		21.8	5.3		
	26	23	0	16.5	21.6	5.1		21.9	5.4		
	27	23	0	16.5	22.8	6.3		22.8	6.3		
	28	23	0	16.5	22.7	6.2		22.6	6.1		
	29	23	0	16.5	22.6	6.1		22.7	6.2		
	30	23	0	16.5	22.9	6.4		22.6	6.1		
UPPER STOOL PL.(NO.4C/H AFTER)	1	14	0	10	13.7	3.7		13.9	3.9		
	2	14	0	10	13.8	3.8		13.7	3.7		
	3	14	0	10	13.7	3.7		13.6	3.6		
	4	14	0	10	13.7	3.7		13.7	3.7		
	5	14	0	10	13.6	3.6		13.8	3.8		
	6	14	0	10	13.7	3.7		13.7	3.7		
	7	14	0	10	13.8	3.8		13.8	3.8		
	8	14	0	10	13.7	3.7		13.9	3.9		
UPPER STOOL PL.(NO.5 C/H FORE)	1	14	0	10	13.9	3.9		13.7	3.7		
	2	14	0	10	13.8	3.8		13.8	3.8		
	3	14	0	10	13.7	3.7		13.9	3.9		
	4	14	0	10	13.7	3.7		13.7	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 4/5						
Location of Structure :					Frame No. 190						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
UPPER STOOL PL.(NO.5 C/H FORE)	5	14	0	10	13.8	3.8		13.9	3.9		
	6	14	0	10	13.7	3.7		13.7	3.7		
	7	14	0	10	13.8	3.8		13.8	3.8		
	8	14	0	10	13.7	3.7		13.7	3.7		
UPPER STOOL INTERNAL	W0---1	12	0	10	11.8	1.8					
	W0---2	12	0	10	11.7	1.7					
	W1---1	12	0	10	11.7	1.7		11.9	1.9		
	W1---2	12	0	10	11.8	1.8		11.8	1.8		
	W2---1	12	0	10	11.9	1.9		11.7	1.7		
	W2---2	12	0	10	11.8	1.8		11.8	1.8		
	W3---1	12	0	10	11.7	1.7		11.9	1.9		
	W3---2	12	0	10	11.8	1.8		11.8	1.8		
LOWER STOOL PL.(NO.4C/H AFTER)	1	26	0	19.5	23.1	3.6		23.3	3.8		
	2	21.5	0	15	19.1	4.1		18.9	3.9		
	3	21.5	0	15	19.2	4.2		18.8	3.8		
	4	21.5	0	15	19.3	4.3		19.5	4.5		
	5	21.5	0	15	19.1	4.1		19.3	4.3		
	6	21.5	0	15	19.9	4.9		19.7	4.7		
	7	23	0	16.5	22.4	5.9		22.3	5.8		
	8	23	0	16.5	22.4	5.9		22.7	6.2		
	9	23	0	16.5	22.6	6.1		22.6	6.1		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 4/5						
Location of Structure :					Frame No. 190						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
LOWER STOOL PL.(NO.4C/H AFTER)	10	23	0	16.5	22.7	6.2		22.3	5.8		
	11	23	0	16.5	22.6	6.1		22.5	6		
	12	23	0	19.5	22.5	3		22.7	3.2		
LOWER STOOL PL.(NO.5 C/H FORE)	1	26	0	19.5	23.1	3.6		23.2	3.7		
	2	21.5	0	15	18.9	3.9		19.3	4.3		
	3	21.5	0	15	19.2	4.2		19.3	4.3		
	4	21.5	0	15	19.2	4.2		19.1	4.1		
	5	21.5	0	15	19.1	4.1		19.2	4.2		
	6	21.5	0	15	19.9	4.9		19.7	4.7		
	7	23	0	16.5	22.3	5.8		22.4	5.9		
	8	23	0	16.5	22.6	6.1		22.3	5.8		
	9	23	0	16.5	22.5	6		22.6	6.1		
	10	23	0	16.5	22.4	5.9		22.5	6		
	11	23	0	16.5	22.6	6.1		22.6	6.1		
	12	23	0	16.5	22.6	6.1		22.3	5.8		
LOWER STOOL INTERNAL	W0---1	12	0	10	11.7	1.7					
	W0---2	12	0	10	11.8	1.8					
	W1---1	12	0	10	11.8	1.8		11.8	1.8		
	W1---2	12	0	10	11.7	1.7		11.7	1.7		
	W2---1	12	0	10	11.7	1.7		11.8	1.8		
	W2---2	12	0	10	11.8	1.8		11.7	1.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 4/5						
Location of Structure :					Frame No. 190						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
LOWER STOOL INTERNAL	W3---1	12	0	10	11.9	1.9		11.7	1.7		
	W3---2	12	0	10	11.8	1.8		11.8	1.8		
	W4---2	12	0	10	11.9	1.9		11.9	1.9		
	W4---1	12	0	10	11.9	1.9		11.8	1.8		
	W5---2	12	0	10	11.8	1.8		11.7	1.7		
	W5---1	12	0	10	11.8	1.8		11.9	1.9		
SHEDDER PLATE	A1	23	0	16.5	22.3	5.8		22.3	5.8		
	A2	23	0	16.5	22.4	5.9		22.4	5.9		
	A3	23	0	16.5	22.4	5.9		22.3	5.8		
	A4	23	0	16.5	22.5	6		22.4	5.9		
	A5	23	0	16.5	22.6	6.1		22.3	5.8		
	A6	23	0	16.5	22.3	5.8		22.4	5.9		
	A7	23	0	16.5	22.4	5.9		22.5	6		
	F1	18	0	11.5	17.6	6.1		17.4	5.9		
	F2	18	0	11.5	17.5	6		17.6	6.1		
	F3	18	0	11.5	17.4	5.9		17.5	6		
	F4	18	0	11.5	17.4	5.9		17.3	5.8		
	F5	18	0	11.5	17.5	6		17.5	6		
	F6	18	0	11.5	17.3	5.8		17.4	5.9		
GUSSET PLATE	A1	23	0	16.5	22.4	5.9					
	A2	23	0	16.5	22.3	5.8		22.4	5.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

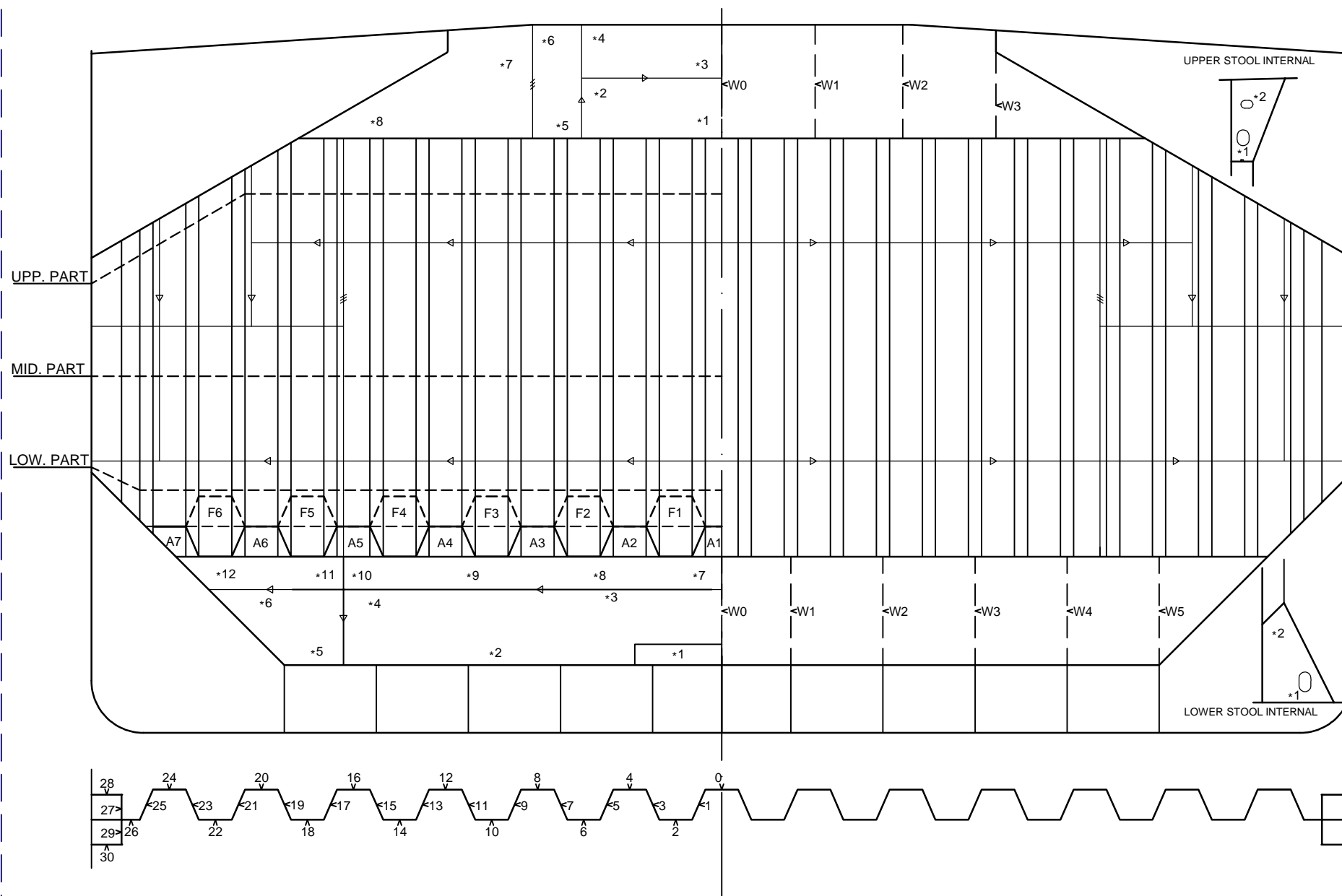
LR/IMO Number : 9492098

TM Report No : ZSN2066110

Cargo Holds – Transverse Bulkheads - Bulkhead Between Cargo
Hold Nos. 4/5

TM Sketches

No.4 C/H AFTER TRANS. BHD AT FR.190





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

**Cargo Holds – Transverse Bulkheads -
Bulkhead Between Cargo Hold Nos. 5/6**

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :				Bulkhead Between Cargo Hold Nos. 5/6							
Location of Structure :				Frame No. 161							
Type of Bulkhead :				Corrugated Transverse Bulkhead							
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(UPPER PART)	0	21.5	0	16	21.1	5.1					
	1	21.5	0	16	21.2	5.2		21.3	5.3		
	2	21.5	0	16	21.3	5.3		21.1	5.1		
	3	21.5	0	16	21.3	5.3		21.2	5.2		
	4	21.5	0	16	21.1	5.1		21.2	5.2		
	5	21.5	0	16	21	5		21.3	5.3		
	6	21.5	0	16	21.3	5.3		21.4	5.4		
	7	21.5	0	16	21.2	5.2		21.3	5.3		
	8	21.5	0	16	21.3	5.3		21.1	5.1		
	9	21.5	0	16	21	5		21	5		
	10	21.5	0	16	21.1	5.1		21.4	5.4		
	11	21.5	0	16	21.2	5.2		21.1	5.1		
	12	21.5	0	16	21.3	5.3		21.2	5.2		
	13	21.5	0	16	21.2	5.2		21.1	5.1		
	14	21.5	0	16	21.4	5.4		21.4	5.4		
	15	22.5	0	17	22.3	5.3		22.3	5.3		
	16	22.5	0	17	22.4	5.4		22	5		
	17	22.5	0	17	22.5	5.5		22.4	5.4		
	18	22.5	0	17	22.3	5.3		22.3	5.3		
	19	22.5	0	17	22.4	5.4		22.4	5.4		
	20	22.5	0	17	22.2	5.2		22.3	5.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 5/6						
Location of Structure :					Frame No. 161						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(UPPER PART)	21	26	0	19.5	25.8	6.3		25.9	6.4		
	22	26	0	19.5	25.9	6.4		25.8	6.3		
	23	26	0	19.5	25.7	6.2		25.7	6.2		
	24	26	0	19.5	25.9	6.4		25.9	6.4		
	25	26	0	19.5	25.8	6.3		25.7	6.2		
	26	26	0	19.5	25.7	6.2		25.9	6.4		
	27	21	0	16	20.8	4.8		20.7	4.7		
	28	21	0	16	20.9	4.9		20.8	4.8		
	29	21	0	16	20.7	4.7		20.9	4.9		
	30	21	0	16	20.9	4.9		20.8	4.8		
BHD PLATE(MID. PART)	0	27	0	20.5	24.9	4.4					
	1	27	0	20.5	25.2	4.7		25.1	4.6		
	2	27	0	20.5	25.3	4.8		25.1	4.6		
	3	27	0	20.5	25.1	4.6		25.4	4.9		
	4	27	0	20.5	25.3	4.8		25.4	4.9		
	5	27	0	20.5	25.6	5.1		25.5	5		
	6	27	0	20.5	25.7	5.2		25.9	5.4		
	7	28	0	21.5	27.2	5.7		27.1	5.6		
	8	28	0	21.5	27.1	5.6		27.3	5.8		
	9	28	0	21.5	27.1	5.6		27.1	5.6		
	10	28	0	21.5	27.2	5.7		27	5.5		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :				Bulkhead Between Cargo Hold Nos. 5/6							
Location of Structure :				Frame No. 161							
Type of Bulkhead :				Corrugated Transverse Bulkhead							
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(MID. PART)	11	28	0	21.5	27.1	5.6		27.3	5.8		
	12	28	0	21.5	27.3	5.8		27.4	5.9		
	13	28	0	21.5	27.4	5.9		27.1	5.6		
	14	28	0	21.5	27.1	5.6		27.2	5.7		
	15	28	0	21.5	27.3	5.8		27.4	5.9		
	16	28	0	21.5	27.5	6		27.5	6		
	17	28	0	21.5	27.4	5.9		27.2	5.7		
	18	28	0	21.5	27.3	5.8		27.3	5.8		
	19	28	0	21.5	27.6	6.1		27.5	6		
	20	28	0	21.5	27.4	5.9		27.4	5.9		
	21	26	0	19.5	25.6	6.1		25.8	6.3		
	22	26	0	19.5	25.4	5.9		25.7	6.2		
	23	26	0	19.5	25.7	6.2		25.5	6		
	24	26	0	19.5	25.6	6.1		25.7	6.2		
	25	26	0	19.5	25.7	6.2		25.6	6.1		
	26	26	0	19.5	25.7	6.2		25.7	6.2		
	27	23	0	18	22.8	4.8		22.8	4.8		
	28	23	0	18	22.6	4.6		22.7	4.7		
	29	23	0	18	22.7	4.7		22.6	4.6		
	30	23	0	18	22.8	4.8		22.8	4.8		
BHD PLATE(LOWER PART)	0	27	0	20.5	24.2	3.7					

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 5/6						
Location of Structure :					Frame No. 161						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(LOWER PART)	1	27	0	20.5	24.1	3.6		24.5	4		
	2	27	0	20.5	24.3	3.8		24.6	4.1		
	3	27	0	20.5	24.2	3.7		24.2	3.7		
	4	27	0	20.5	24.5	4		24.1	3.6		
	5	27	0	20.5	24.6	4.1		24.7	4.2		
	6	27	0	20.5	24.7	4.2		24.8	4.3		
	7	28	0	21.5	26.1	4.6		26.3	4.8		
	8	28	0	21.5	26.1	4.6		26.6	5.1		
	9	28	0	21.5	26.3	4.8		26.2	4.7		
	10	28	0	21.5	26.5	5		26.2	4.7		
	11	28	0	21.5	26.5	5		26.1	4.6		
	12	28	0	21.5	26.5	5		26.6	5.1		
	13	28	0	21.5	26.6	5.1		26.4	4.9		
	14	28	0	21.5	26.7	5.2		26.6	5.1		
	15	28	0	21.5	26.7	5.2		26.7	5.2		
	16	28	0	21.5	26.5	5		26.8	5.3		
	17	28	0	21.5	26.4	4.9		26.5	5		
	18	28	0	21.5	26.7	5.2		26.8	5.3		
	19	28	0	21.5	26.8	5.3		26.6	5.1		
	20	28	0	21.5	26.7	5.2		26.9	5.4		
	21	27	0	20.5	26.3	5.8		26.3	5.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 5/6						
Location of Structure :					Frame No. 161						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(LOWER PART)	22	27	0	20.5	26.3	5.8		26.1	5.6		
	23	27	0	20.5	26.4	5.9		26.2	5.7		
	24	27	0	20.5	26.2	5.7		26.1	5.6		
	25	27	0	20.5	26.1	5.6		26.2	5.7		
	26	27	0	20.5	26.2	5.7		26.4	5.9		
	27	23	0	18	22.6	4.6		22.7	4.7		
	28	23	0	18	22.7	4.7		22.7	4.7		
	29	23	0	18	22.6	4.6		22.6	4.6		
	30	23	0	18	22.8	4.8		22.8	4.8		
UPPER STOOL PL.(NO.5C/H AFTER)	1	17	0	13	16.6	3.6		16.7	3.7		
	2	17	0	13	16.7	3.7		16.8	3.8		
	3	14	0	10	13.9	3.9		13.7	3.7		
	4	14	0	10	13.7	3.7		13.8	3.8		
	5	17	0	13	16.8	3.8		16.7	3.7		
	6	17	0	13	16.7	3.7		16.7	3.7		
	7	18	0	14	17.7	3.7		17.9	3.9		
	8	14	0	10	13.8	3.8		13.8	3.8		
	9	14	0	10	13.9	3.9		13.7	3.7		
	10	21	0	17	20.8	3.8		20.8	3.8		
	11	21	0	17	20.9	3.9		20.9	3.9		
UPPER STOOL PL.(NO.6 C/H FORE)	1	17	0	13	16.8	3.8		16.8	3.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 5/6						
Location of Structure :					Frame No. 161						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	2	17	0	13	16.7	3.7		16.9	3.9		
	3	14	0	10	13.8	3.8		13.7	3.7		
	4	14	0	10	13.9	3.9		13.8	3.8		
UPPER STOOL PL.(NO.6 C/H FORE)	5	17	0	13	16.9	3.9		16.9	3.9		
	6	17	0	13	16.8	3.8		16.7	3.7		
	7	18	0	14	17.8	3.8		17.8	3.8		
	8	14	0	10	13.8	3.8		13.9	3.9		
	9	14	0	10	13.9	3.9		13.7	3.7		
	10	21	0	17	20.8	3.8		20.8	3.8		
	11	21	0	17	20.9	3.9		20.7	3.7		
UPPER STOOL INTERNAL	W0---1	12	0	10	11.7	1.7					
	W0---2	12	0	10	11.8	1.8					
	W1---1	12	0	10	11.7	1.7		11.8	1.8		
	W1---2	12	0	10	11.8	1.8		11.7	1.7		
	W2---1	12	0	10	11.8	1.8		11.7	1.7		
	W2---2	12	0	10	11.7	1.7		11.8	1.8		
	W3---1	12	0	10	11.8	1.8		11.9	1.9		
	W3---2	12	0	10	11.9	1.9		11.7	1.7		
LOWER STOOL PL.(NO.5C/H AFTER)	1	26	0	19.5	23.1	3.6		23.2	3.7		
	2	21.5	0	15	18.9	3.9		19.1	4.1		
	3	21.5	0	15	19.2	4.2		18.9	3.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :				Bulkhead Between Cargo Hold Nos. 5/6							
Location of Structure :				Frame No. 161							
Type of Bulkhead :				Corrugated Transverse Bulkhead							
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	4	21.5	0	15	19.3	4.3		19.2	4.2		
	5	21.5	0	15	19	4		18.9	3.9		
	6	21.5	0	15	19.5	4.5		19.6	4.6		
	7	23	0	16.5	22.7	6.2		22.6	6.1		
	8	23	0	16.5	22.6	6.1		22.5	6		
	9	23	0	16.5	22.7	6.2		22.6	6.1		
LOWER STOOL PL.(NO.5C/H AFTER)	10	23	0	16.5	22.6	6.1		22.7	6.2		
	11	23	0	16.5	22.5	6		22.6	6.1		
	12	23	0	19.5	22.6	3.1		22.7	3.2		
LOWER STOOL PL.(NO.6 C/H FORE)	1	26	0	19.5	23.1	3.6		23.3	3.8		
	2	21.5	0	15	18.9	3.9		18.7	3.7		
	3	21.5	0	15	19.1	4.1		19.3	4.3		
	4	21.5	0	15	19.5	4.5		19.6	4.6		
	5	21.5	0	15	18.9	3.9		19	4		
	6	21.5	0	15	19.5	4.5		19.6	4.6		
	7	23	0	16.5	22.7	6.2		22.6	6.1		
	8	23	0	16.5	22.6	6.1		22.7	6.2		
	9	23	0	16.5	22.5	6		22.6	6.1		
	10	23	0	16.5	22.6	6.1		22.7	6.2		
	11	23	0	16.5	22.7	6.2		22.6	6.1		
	12	23	0	16.5	22.5	6		22.7	6.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 5/6						
Location of Structure :					Frame No. 161						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
LOWER STOOL INTERNAL	W0---1	12	0	10	11.7	1.7					
	W0---2	12	0	10	11.8	1.8					
	W1---1	12	0	10	11.7	1.7		11.8	1.8		
	W1---2	12	0	10	11.8	1.8		11.7	1.7		
	W2---1	12	0	10	11.9	1.9		11.8	1.8		
	W2---2	12	0	10	11.7	1.7		11.7	1.7		
LOWER STOOL INTERNAL	W3---1	12	0	10	11.9	1.9		11.8	1.8		
	W3---2	12	0	10	11.7	1.7		11.9	1.9		
	W4---2	12	0	10	11.8	1.8		11.8	1.8		
	W4---1	12	0	10	11.9	1.9		11.9	1.9		
	W5---2	12	0	10	11.7	1.7		11.8	1.8		
	W5---1	12	0	10	11.9	1.9		11.9	1.9		
SHEDDER PLATE	A1	27	0	20.5	26.4	5.9					
	A2	27	0	20.5	26.5	6		26.4	5.9		
	A3	28	0	21.5	27.7	6.2		27.8	6.3		
	A4	28	0	21.5	27.5	6		27.6	6.1		
	A5	28	0	21.5	27.6	6.1		27.7	6.2		
	A6	28	0	21.5	27.6	6.1		27.6	6.1		
	A7	27	0	20.5	26.7	6.2		26.7	6.2		
	F1	18	0	11.5	17.5	6		17.5	6		
	F2	18	0	11.5	17.6	6.1		17.6	6.1		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

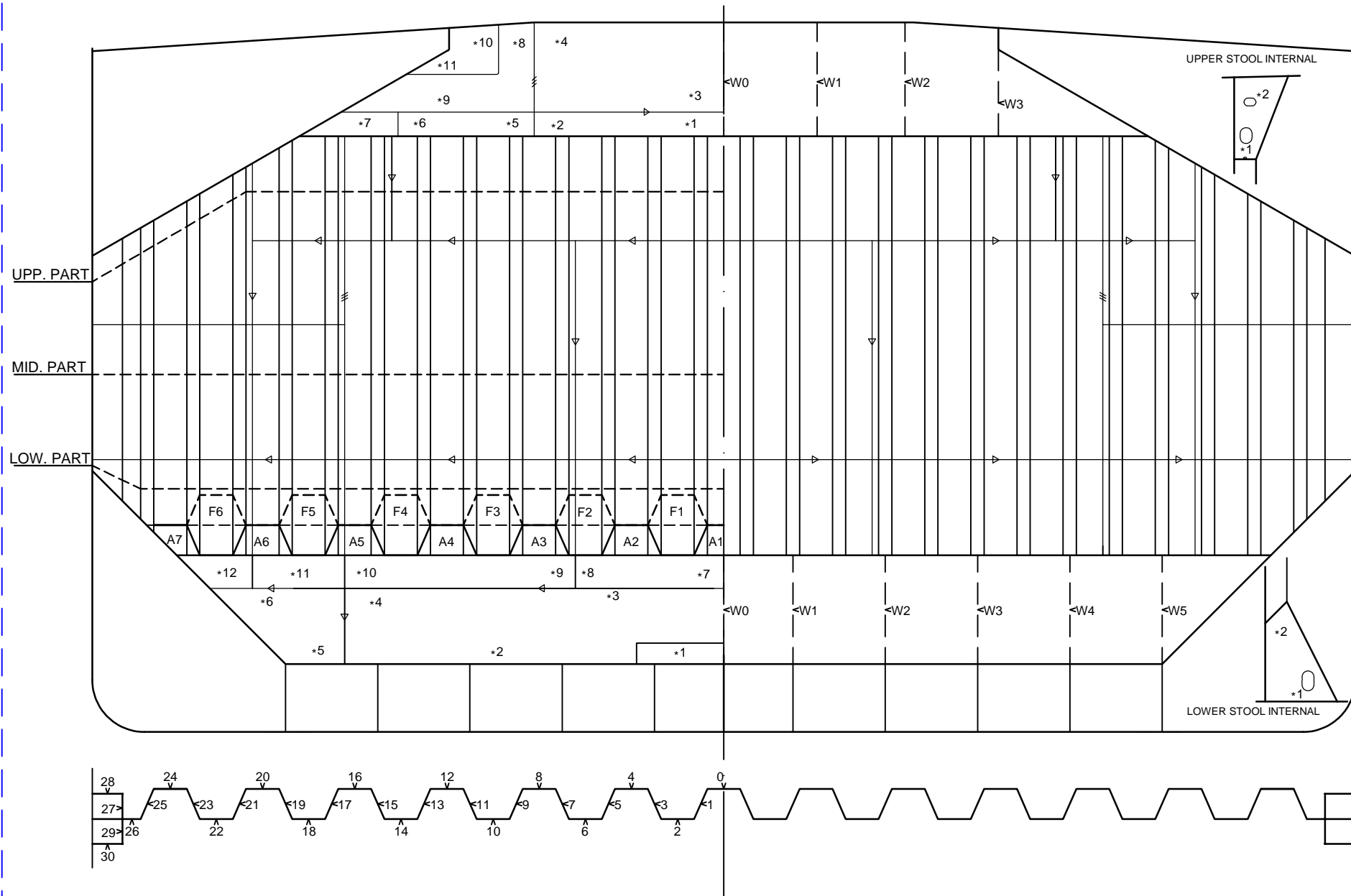
LR/IMO Number : 9492098

TM Report No : ZSN2066110

Cargo Holds – Transverse Bulkheads - Bulkhead Between Cargo
Hold Nos. 5/6

TM Sketches

No.5 C/H AFTER TRANS. BHD AT FR.161





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

**Cargo Holds – Transverse Bulkheads -
Bulkhead Between Cargo Hold Nos. 6/7**

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :				Bulkhead Between Cargo Hold Nos. 6/7							
Location of Structure :				Frame No. 132							
Type of Bulkhead :				Corrugated Transverse Bulkhead							
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(UPPER PART)	0	21.5	0	16	21.2	5.2					
	1	21.5	0	16	21.1	5.1		21.4	5.4		
	2	21.5	0	16	21.3	5.3		21.1	5.1		
	3	21.5	0	16	21.2	5.2		21.2	5.2		
	4	21.5	0	16	21	5		21.1	5.1		
	5	21.5	0	16	21.1	5.1		21.3	5.3		
	6	21.5	0	16	21.3	5.3		21.2	5.2		
	7	21.5	0	16	21.3	5.3		21	5		
	8	21.5	0	16	21.1	5.1		21.2	5.2		
	9	21.5	0	16	21.3	5.3		21.3	5.3		
	10	21.5	0	16	21.2	5.2		21.1	5.1		
	11	21.5	0	16	21.1	5.1		21.3	5.3		
	12	21.5	0	16	21.3	5.3		21.3	5.3		
	13	21.5	0	16	21.3	5.3		21.2	5.2		
	14	21.5	0	16	21.3	5.3		21.3	5.3		
	15	22.5	0	17	22.1	5.1		22.2	5.2		
	16	22.5	0	17	22.4	5.4		22.3	5.3		
	17	22.5	0	17	22.3	5.3		22.1	5.1		
	18	22.5	0	17	22.2	5.2		22.4	5.4		
	19	22.5	0	17	22.1	5.1		22.3	5.3		
	20	22.5	0	17	22.3	5.3		22.4	5.4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 6/7						
Location of Structure :					Frame No. 132						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(UPPER PART)	21	26	0	19.5	25.8	6.3		25.7	6.2		
	22	26	0	19.5	25.9	6.4		25.8	6.3		
	23	26	0	19.5	25.7	6.2		25.9	6.4		
	24	26	0	19.5	25.6	6.1		25.7	6.2		
	25	26	0	19.5	25.6	6.1		25.7	6.2		
	26	26	0	19.5	25.8	6.3		25.6	6.1		
	27	21	0	16	20.8	4.8		20.8	4.8		
	28	21	0	16	20.7	4.7		20.9	4.9		
	29	21	0	16	20.8	4.8		20.7	4.7		
	30	21	0	16	20.9	4.9		20.9	4.9		
BHD PLATE(MID. PART)	0	27	0	20.5	24.9	4.4					
	1	27	0	20.5	25.2	4.7		25.3	4.8		
	2	27	0	20.5	25.6	5.1		25.7	5.2		
	3	27	0	20.5	25.7	5.2		25.8	5.3		
	4	27	0	20.5	25.9	5.4		25.9	5.4		
	5	27	0	20.5	25.7	5.2		25.7	5.2		
	6	27	0	20.5	25.8	5.3		25.8	5.3		
	7	28	0	21.5	26.9	5.4		26.6	5.1		
	8	28	0	21.5	26.7	5.2		26.8	5.3		
	9	28	0	21.5	26.9	5.4		26.7	5.2		
	10	28	0	21.5	27.1	5.6		27.4	5.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :				Bulkhead Between Cargo Hold Nos. 6/7							
Location of Structure :				Frame No. 132							
Type of Bulkhead :				Corrugated Transverse Bulkhead							
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(MID. PART)	11	28	0	21.5	27.3	5.8		27.3	5.8		
	12	28	0	21.5	27.2	5.7		26.9	5.4		
	13	28	0	21.5	26.8	5.3		27.1	5.6		
	14	28	0	21.5	27.1	5.6		27.3	5.8		
	15	28	0	21.5	27.2	5.7		27.2	5.7		
	16	28	0	21.5	27.3	5.8		27.1	5.6		
	17	28	0	21.5	27.2	5.7		27.4	5.9		
	18	28	0	21.5	27.1	5.6		27.1	5.6		
	19	28	0	21.5	27.2	5.7		27.3	5.8		
	20	28	0	21.5	27.1	5.6		27.2	5.7		
	21	26	0	19.5	25.3	5.8		25.5	6		
	22	26	0	19.5	25.4	5.9		25.4	5.9		
	23	26	0	19.5	25.3	5.8		25.6	6.1		
	24	26	0	19.5	25.6	6.1		25.3	5.8		
	25	26	0	19.5	25.4	5.9		25.4	5.9		
	26	26	0	19.5	25.5	6		25.3	5.8		
	27	23	0	18	22.8	4.8		22.7	4.7		
	28	23	0	18	22.6	4.6		22.8	4.8		
	29	23	0	18	22.7	4.7		22.7	4.7		
	30	23	0	18	22.7	4.7		22.8	4.8		
BHD PLATE(LOWER PART)	0	27	0	20.5	23.9	3.4					

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 6/7						
Location of Structure :					Frame No. 132						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(LOWER PART)	1	27	0	20.5	24.2	3.7		24.3	3.8		
	2	27	0	20.5	24.8	4.3		24.6	4.1		
	3	27	0	20.5	24.9	4.4		24.8	4.3		
	4	27	0	20.5	24.7	4.2		24.6	4.1		
	5	27	0	20.5	25.1	4.6		24.9	4.4		
	6	27	0	20.5	25.3	4.8		25.1	4.6		
	7	28	0	21.5	26.1	4.6		26.3	4.8		
	8	28	0	21.5	26.3	4.8		26.4	4.9		
	9	28	0	21.5	26.5	5		26.2	4.7		
	10	28	0	21.5	26.1	4.6		26.3	4.8		
	11	28	0	21.5	26.4	4.9		26.5	5		
	12	28	0	21.5	26.7	5.2		26.2	4.7		
	13	28	0	21.5	26.3	4.8		26.3	4.8		
	14	28	0	21.5	26.7	5.2		26.4	4.9		
	15	28	0	21.5	26.6	5.1		26.8	5.3		
	16	28	0	21.5	26.8	5.3		26.9	5.4		
	17	28	0	21.5	26.5	5		26.7	5.2		
	18	28	0	21.5	26.7	5.2		26.3	4.8		
	19	28	0	21.5	26.5	5		26.7	5.2		
	20	28	0	21.5	26.9	5.4		26.7	5.2		
	21	27	0	20.5	26.2	5.7		26.3	5.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 6/7						
Location of Structure :					Frame No. 132						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(LOWER PART)	22	27	0	20.5	26.4	5.9		26.4	5.9		
	23	27	0	20.5	26.5	6		26.5	6		
	24	27	0	20.5	26.3	5.8		26.3	5.8		
	25	27	0	20.5	26.4	5.9		26.4	5.9		
	26	27	0	20.5	26.4	5.9		26.7	6.2		
	27	23	0	18	22.8	4.8		22.6	4.6		
	28	23	0	18	22.7	4.7		22.6	4.6		
	29	23	0	18	22.6	4.6		22.7	4.7		
	30	23	0	18	22.7	4.7		22.7	4.7		
UPPER STOOL PL.(NO.6C/H AFTER)	1	17	0	13	16.8	3.8		16.7	3.7		
	2	17	0	13	16.7	3.7		16.9	3.9		
	3	14	0	10	13.8	3.8		13.8	3.8		
	4	14	0	10	13.7	3.7		13.9	3.9		
	5	17	0	13	13.7	0.7		16.7	3.7		
	6	17	0	13	16.8	3.8		16.7	3.7		
	7	18	0	14	17.9	3.9		17.8	3.8		
	8	14	0	10	13.8	3.8		13.9	3.9		
	9	14	0	10	13.7	3.7		13.7	3.7		
	10	21	0	17	20.8	3.8		20.7	3.7		
	11	21	0	17	20.7	3.7		20.6	3.6		
UPPER STOOL PL.(NO.7 C/H FORE)	1	17	0	13	16.8	3.8		16.8	3.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 6/7						
Location of Structure :					Frame No. 132						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	2	17	0	13	16.9	3.9		16.7	3.7		
	3	14	0	10	13.8	3.8		13.9	3.9		
	4	14	0	10	13.7	3.7		13.7	3.7		
UPPER STOOL PL.(NO.7 C/H FORE)	5	17	0	13	16.8	3.8		16.7	3.7		
	6	17	0	13	16.7	3.7		16.9	3.9		
	7	18	0	14	17.8	3.8		17.7	3.7		
	8	14	0	10	13.8	3.8		13.7	3.7		
	9	14	0	10	13.9	3.9		13.9	3.9		
	10	21	0	17	20.7	3.7		20.8	3.8		
	11	21	0	17	20.9	3.9		20.9	3.9		
UPPER STOOL INTERNAL	W0---1	12	0	10	11.8	1.8					
	W0---2	12	0	10	11.7	1.7					
	W1---1	12	0	10	11.9	1.9		11.8	1.8		
	W1---2	12	0	10	11.7	1.7		11.7	1.7		
	W2---1	12	0	10	11.7	1.7		11.9	1.9		
	W2---2	12	0	10	11.8	1.8		11.7	1.7		
	W3---1	12	0	10	11.9	1.9		11.9	1.9		
	W3---2	12	0	10	11.7	1.7		11.7	1.7		
LOWER STOOL PL.(NO.6C/H AFTER)	1	26	0	19.5	22.9	3.4		23.2	3.7		
	2	21.5	0	15	19.1	4.1		19.2	4.2		
	3	21.5	0	15	19.1	4.1		19	4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 6/7						
Location of Structure :					Frame No. 132						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	4	21.5	0	15	19.5	4.5		19.6	4.6		
	5	21.5	0	15	19	4		19.2	4.2		
	6	21.5	0	15	19.5	4.5		19.6	4.6		
	7	23	0	16.5	22.2	5.7		22.3	5.8		
	8	23	0	16.5	22.5	6		22.1	5.6		
	9	23	0	16.5	22.2	5.7		22.4	5.9		
LOWER STOOL PL.(NO.6C/H AFTER)	10	23	0	16.5	22.4	5.9		22.6	6.1		
	11	23	0	16.5	22.5	6		22.7	6.2		
	12	23	0	19.5	22.3	2.8		22.6	3.1		
LOWER STOOL PL.(NO.7 C/H FORE)	1	26	0	19.5	23.7	4.2		23.5	4		
	2	21.5	0	15	18.9	3.9		19.2	4.2		
	3	21.5	0	15	19.2	4.2		18.7	3.7		
	4	21.5	0	15	19.5	4.5		19.3	4.3		
	5	21.5	0	15	19.2	4.2		19.1	4.1		
	6	21.5	0	15	19.6	4.6		19.4	4.4		
	7	23	0	16.5	22.3	5.8		22.5	6		
	8	23	0	16.5	22.2	5.7		22.5	6		
	9	23	0	16.5	22.7	6.2		22.4	5.9		
	10	23	0	16.5	22.5	6		22.4	5.9		
	11	23	0	16.5	22.6	6.1		22.7	6.2		
	12	23	0	16.5	22.4	5.9		22.6	6.1		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 6/7						
Location of Structure :					Frame No. 132						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
LOWER STOOL INTERNAL	W0---1	12	0	10	11.8	1.8					
	W0---2	12	0	10	11.7	1.7					
	W1---1	12	0	10	11.7	1.7		11.8	1.8		
	W1---2	12	0	10	11.8	1.8		11.7	1.7		
	W2---1	12	0	10	11.9	1.9		11.9	1.9		
	W2---2	12	0	10	11.8	1.8		11.8	1.8		
LOWER STOOL INTERNAL	W3---1	12	0	10	11.7	1.7		11.7	1.7		
	W3---2	12	0	10	11.9	1.9		11.8	1.8		
	W4---2	12	0	10	11.8	1.8		11.7	1.7		
	W4---1	12	0	10	11.7	1.7		11.7	1.7		
	W5---2	12	0	10	11.9	1.9		11.8	1.8		
	W5---1	12	0	10	11.8	1.8		11.9	1.9		
SHEDDER PLATE	A1	27	0	20.5	26.3	5.8					
	A2	27	0	20.5	26.4	5.9		26.6	6.1		
	A3	28	0	21.5	27.5	6		27.5	6		
	A4	28	0	21.5	27.6	6.1		27.3	5.8		
	A5	28	0	21.5	27.4	5.9		27.4	5.9		
	A6	28	0	21.5	27.3	5.8		27.3	5.8		
	A7	27	0	20.5	26.4	5.9		26.6	6.1		
	F1	18	0	11.5	17.5	6		17.5	6		
	F2	18	0	11.5	17.5	6		17.5	6		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

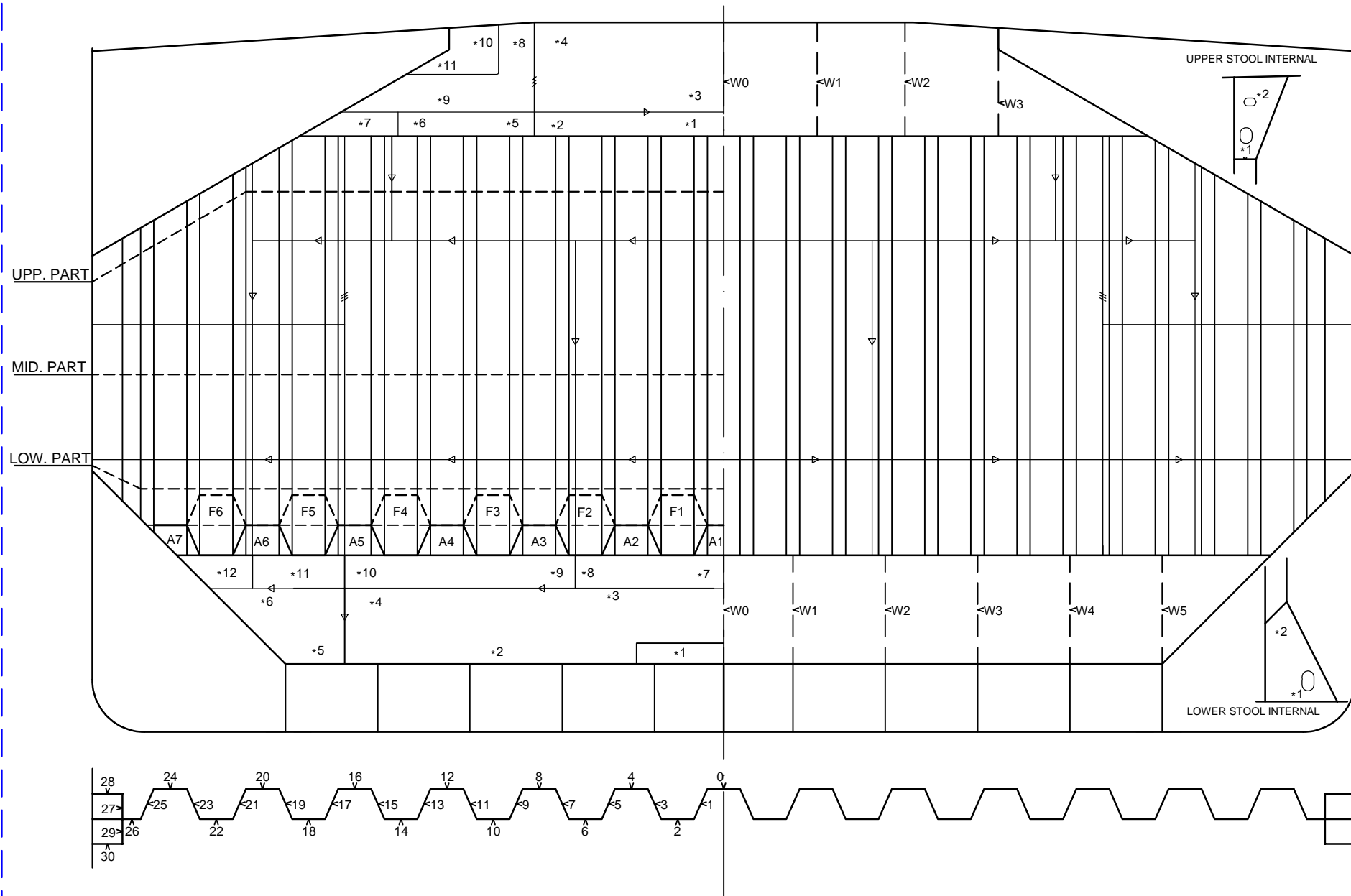
LR/IMO Number : 9492098

TM Report No : ZSN2066110

Cargo Holds – Transverse Bulkheads - Bulkhead Between Cargo
Hold Nos. 6/7

TM Sketches

No.6 C/H AFTER TRANS. BHD AT FR.132





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

**Cargo Holds – Transverse Bulkheads -
Bulkhead Between Cargo Hold Nos. 7/8**

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 7/8						
Location of Structure :					Frame No. 103						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(UPPER PART)	0	17	0	11.5	16.5	5					
	1	17	0	11.5	16.6	5.1		16.7	5.2		
	2	17	0	11.5	16.7	5.2		16.5	5		
	3	17	0	11.5	16.8	5.3		16.6	5.1		
	4	17	0	11.5	16.5	5		16.7	5.2		
	5	17	0	11.5	16.6	5.1		16.8	5.3		
	6	17	0	11.5	16.5	5		16.5	5		
	7	17	0	11.5	16.7	5.2		16.6	5.1		
	8	17	0	11.5	16.4	4.9		16.6	5.1		
	9	17	0	11.5	16.8	5.3		16.7	5.2		
	10	17	0	11.5	16.8	5.3		16.5	5		
	11	17	0	11.5	16.9	5.4		16.7	5.2		
	12	17	0	11.5	16.7	5.2		16.8	5.3		
	13	17	0	11.5	16.8	5.3		16.7	5.2		
	14	17	0	11.5	16.7	5.2		16.6	5.1		
	15	17	0	11.5	16.8	5.3		16.8	5.3		
	16	17	0	11.5	16.7	5.2		16.6	5.1		
	17	17	0	11.5	16.8	5.3		16.7	5.2		
	18	17	0	11.5	16.8	5.3		16.8	5.3		
	19	17	0	11.5	16.9	5.4		16.8	5.3		
	20	17	0	11.5	16.8	5.3		16.9	5.4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 7/8						
Location of Structure :					Frame No. 103						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(UPPER PART)	21	20.5	0	14	20.4	6.4		20.4	6.4		
	22	20.5	0	14	20.3	6.3		20.1	6.1		
	23	20.5	0	14	20.4	6.4		20.4	6.4		
	24	20.5	0	14	20.5	6.5		20.3	6.3		
	25	21.5	0	15	21.2	6.2		21.3	6.3		
	26	21.5	0	15	21.3	6.3		21.4	6.4		
	27	21	0	16	20.8	4.8		20.8	4.8		
	28	21	0	16	20.9	4.9		20.7	4.7		
	29	21	0	16	20.8	4.8		20.9	4.9		
	30	21	0	16	20.9	4.9		20.8	4.8		
BHD PLATE(MID. PART)	0	20.5	0	14	19.1	5.1					
	1	20.5	0	14	19.2	5.2		19.1	5.1		
	2	20.5	0	14	19.3	5.3		19.4	5.4		
	3	20.5	0	14	19.1	5.1		19.2	5.2		
	4	20.5	0	14	19.3	5.3		19.4	5.4		
	5	20.5	0	14	19.4	5.4		19.1	5.1		
	6	20.5	0	14	19.5	5.5		19.3	5.3		
	7	20.5	0	14	19.7	5.7		19.5	5.5		
	8	20.5	0	14	19.4	5.4		19.2	5.2		
	9	20.5	0	14	19	5		19.4	5.4		
	10	20.5	0	14	19.3	5.3		19.6	5.6		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 7/8						
Location of Structure :					Frame No. 103						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(MID. PART)	11	20.5	0	14	19.7	5.7		19.7	5.7		
	12	20.5	0	14	19.8	5.8		19.7	5.7		
	13	20.5	0	14	19.6	5.6		19.5	5.5		
	14	20.5	0	14	19.4	5.4		19.6	5.6		
	15	20.5	0	14	19.5	5.5		19.5	5.5		
	16	20.5	0	14	19.6	5.6		19.4	5.4		
	17	20.5	0	14	19.7	5.7		19.7	5.7		
	18	20.5	0	14	19.1	5.1		19.2	5.2		
	19	20.5	0	14	19.6	5.6		19.3	5.3		
	20	20.5	0	14	19.3	5.3		19.6	5.6		
	21	20.5	0	14	19.7	5.7		19.7	5.7		
	22	20.5	0	14	19.8	5.8		19.9	5.9		
	23	20.5	0	14	19.5	5.5		19.7	5.7		
	24	20.5	0	14	19.6	5.6		19.9	5.9		
	25	21.5	0	15	21.1	6.1		21.2	6.2		
	26	21.5	0	15	21.2	6.2		20.9	5.9		
	27	23	0	18	22.6	4.6		22.7	4.7		
	28	23	0	18	22.7	4.7		22.6	4.6		
	29	23	0	18	22.7	4.7		22.8	4.8		
	30	23	0	18	22.6	4.6		22.7	4.7		
BHD PLATE(LOWER PART)	0	23	0	16.5	19.8	3.3					

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 7/8						
Location of Structure :					Frame No. 103						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(LOWER PART)	1	23	0	16.5	20.1	3.6		20.2	3.7		
	2	23	0	16.5	20.3	3.8		20.5	4		
	3	23	0	16.5	20.7	4.2		20.6	4.1		
	4	23	0	16.5	20.9	4.4		21.1	4.6		
	5	23	0	16.5	21.4	4.9		20.9	4.4		
	6	23	0	16.5	21.2	4.7		21.2	4.7		
	7	23	0	16.5	20.8	4.3		21.3	4.8		
	8	23	0	16.5	21.1	4.6		20.9	4.4		
	9	23	0	16.5	21	4.5		21.1	4.6		
	10	23	0	16.5	21.2	4.7		21.3	4.8		
	11	23	0	16.5	21.1	4.6		20.8	4.3		
	12	23	0	16.5	21	4.5		21.3	4.8		
	13	23	0	16.5	20.9	4.4		20.8	4.3		
	14	23	0	16.5	21.2	4.7		21	4.5		
	15	23	0	16.5	21.1	4.6		21.3	4.8		
	16	23	0	16.5	21.2	4.7		20.7	4.2		
	17	23	0	16.5	21.2	4.7		21.3	4.8		
	18	23	0	16.5	20.6	4.1		21.1	4.6		
	19	23	0	16.5	21.3	4.8		21.2	4.7		
	20	23	0	16.5	21.2	4.7		21	4.5		
	21	23	0	16.5	21.3	4.8		21	4.5		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :				Bulkhead Between Cargo Hold Nos. 7/8							
Location of Structure :				Frame No. 103							
Type of Bulkhead :				Corrugated Transverse Bulkhead							
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(LOWER PART)	22	23	0	16.5	21.5	5		21.2	4.7		
	23	23	0	16.5	21.4	4.9		21.1	4.6		
	24	23	0	16.5	21.9	5.4		21.9	5.4		
	25	23	0	16.5	21.7	5.2		21.7	5.2		
	26	23	0	16.5	21.6	5.1		21.6	5.1		
	27	23	0	16.5	21.5	5		21.5	5		
	28	23	0	16.5	21.8	5.3		21.7	5.2		
	29	23	0	16.5	22.6	6.1		22.1	5.6		
	30	23	0	16.5	22.3	5.8		22.5	6		
UPPER STOOL PL.(NO.7C/H AFTER)	1	14	0	10	13.7	3.7		13.9	3.9		
	2	14	0	10	13.7	3.7		13.8	3.8		
	3	14	0	10	13.8	3.8		13.9	3.9		
	4	14	0	10	13.7	3.7		13.7	3.7		
	5	14	0	10	13.8	3.8		13.8	3.8		
	6	14	0	10	13.9	3.9		13.7	3.7		
	7	14	0	10	13.8	3.8		13.9	3.9		
	8	14	0	10	13.7	3.7		13.7	3.7		
UPPER STOOL PL.(NO.8 C/H FORE)	1	14	0	10	13.8	3.8		13.8	3.8		
	2	14	0	10	13.9	3.9		13.9	3.9		
	3	14	0	10	13.8	3.8		13.7	3.7		
	4	14	0	10	13.9	3.9		13.8	3.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 7/8						
Location of Structure :					Frame No. 103						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
UPPER STOOL PL.(NO.8 C/H FORE)	5	14	0	10	13.9	3.9		13.9	3.9		
	6	14	0	10	13.8	3.8		13.8	3.8		
	7	14	0	10	13.7	3.7		13.9	3.9		
	8	14	0	10	13.9	3.9		13.7	3.7		
UPPER STOOL INTERNAL	W0---1	12	0	10	11.7	1.7					
	W0---2	12	0	10	11.8	1.8					
	W1---1	12	0	10	11.9	1.9		11.8	1.8		
	W1---2	12	0	10	11.7	1.7		11.7	1.7		
	W2---1	12	0	10	11.8	1.8		11.8	1.8		
	W2---2	12	0	10	11.7	1.7		11.9	1.9		
	W3---1	12	0	10	11.9	1.9		11.7	1.7		
	W3---2	12	0	10	11.9	1.9		11.9	1.9		
LOWER STOOL PL.(NO.7C/H AFTER)	1	26	0	19.5	22.9	3.4		23.1	3.6		
	2	21.5	0	15	18.8	3.8		19.1	4.1		
	3	21.5	0	15	19.3	4.3		19.2	4.2		
	4	21.5	0	15	19.2	4.2		19.1	4.1		
	5	21.5	0	15	19.1	4.1		19.2	4.2		
	6	21.5	0	15	19.4	4.4		19.3	4.3		
	7	23	0	16.5	22.4	5.9		22.6	6.1		
	8	23	0	16.5	22.5	6		22.5	6		
	9	23	0	16.5	22.3	5.8		22.4	5.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 7/8						
Location of Structure :					Frame No. 103						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
LOWER STOOL PL.(NO.7C/H AFTER)	10	23	0	16.5	22.6	6.1		22.7	6.2		
	11	23	0	16.5	22.6	6.1		22.6	6.1		
	12	23	0	19.5	22.4	2.9		22.5	3		
LOWER STOOL PL.(NO.8 C/H FORE)	1	26	0	19.5	23.7	4.2		23.9	4.4		
	2	21.5	0	15	19.1	4.1		19	4		
	3	21.5	0	15	19.3	4.3		19.2	4.2		
	4	21.5	0	15	19.6	4.6		19.6	4.6		
	5	21.5	0	15	19.1	4.1		19.2	4.2		
	6	21.5	0	15	19.8	4.8		19.7	4.7		
	7	23	0	16.5	22.6	6.1		22.6	6.1		
	8	23	0	16.5	22.7	6.2		22.8	6.3		
	9	23	0	16.5	22.7	6.2		22.5	6		
	10	23	0	16.5	22.6	6.1		22.6	6.1		
	11	23	0	16.5	22.8	6.3		22.7	6.2		
	12	23	0	16.5	22.5	6		22.6	6.1		
LOWER STOOL INTERNAL	W0---1	12	0	10	11.8	1.8					
	W0---2	12	0	10	11.7	1.7					
	W1---1	12	0	10	11.7	1.7		11.8	1.8		
	W1---2	12	0	10	11.8	1.8		11.9	1.9		
	W2---1	12	0	10	11.7	1.7		11.7	1.7		
	W2---2	12	0	10	11.7	1.7		11.8	1.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 7/8						
Location of Structure :					Frame No. 103						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
LOWER STOOL INTERNAL	W3---1	12	0	10	11.9	1.9		11.8	1.8		
	W3---2	12	0	10	11.8	1.8		11.7	1.7		
	W4---2	12	0	10	11.9	1.9		11.9	1.9		
	W4---1	12	0	10	11.8	1.8		11.8	1.8		
	W5---2	12	0	10	11.7	1.7		11.7	1.7		
	W5---1	12	0	10	11.8	1.8		11.7	1.7		
SHEDDER PLATE	A1	23	0	16.5	22.5	6					
	A2	23	0	16.5	22.6	6.1		22.4	5.9		
	A3	23	0	16.5	22.4	5.9		22.4	5.9		
	A4	23	0	16.5	22.5	6		22.5	6		
	A5	23	0	16.5	22.4	5.9		22.6	6.1		
	A6	23	0	16.5	22.4	5.9		22.4	5.9		
	A7	23	0	16.5	22.5	6		22.5	6		
	F1	18	0	11.5	17.5	6		17.6	6.1		
	F2	18	0	11.5	17.6	6.1		17.5	6		
	F3	18	0	11.5	17.5	6		17.1	5.6		
	F4	18	0	11.5	17.4	5.9		17.6	6.1		
	F5	18	0	11.5	17.5	6		17.5	6		
	F6	18	0	11.5	17.4	5.9		17.5	6		
GUSSET PLATE	A1	23	0	16.5	22.5	6					
	A2	23	0	16.5	22.4	5.9		22.5	6		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

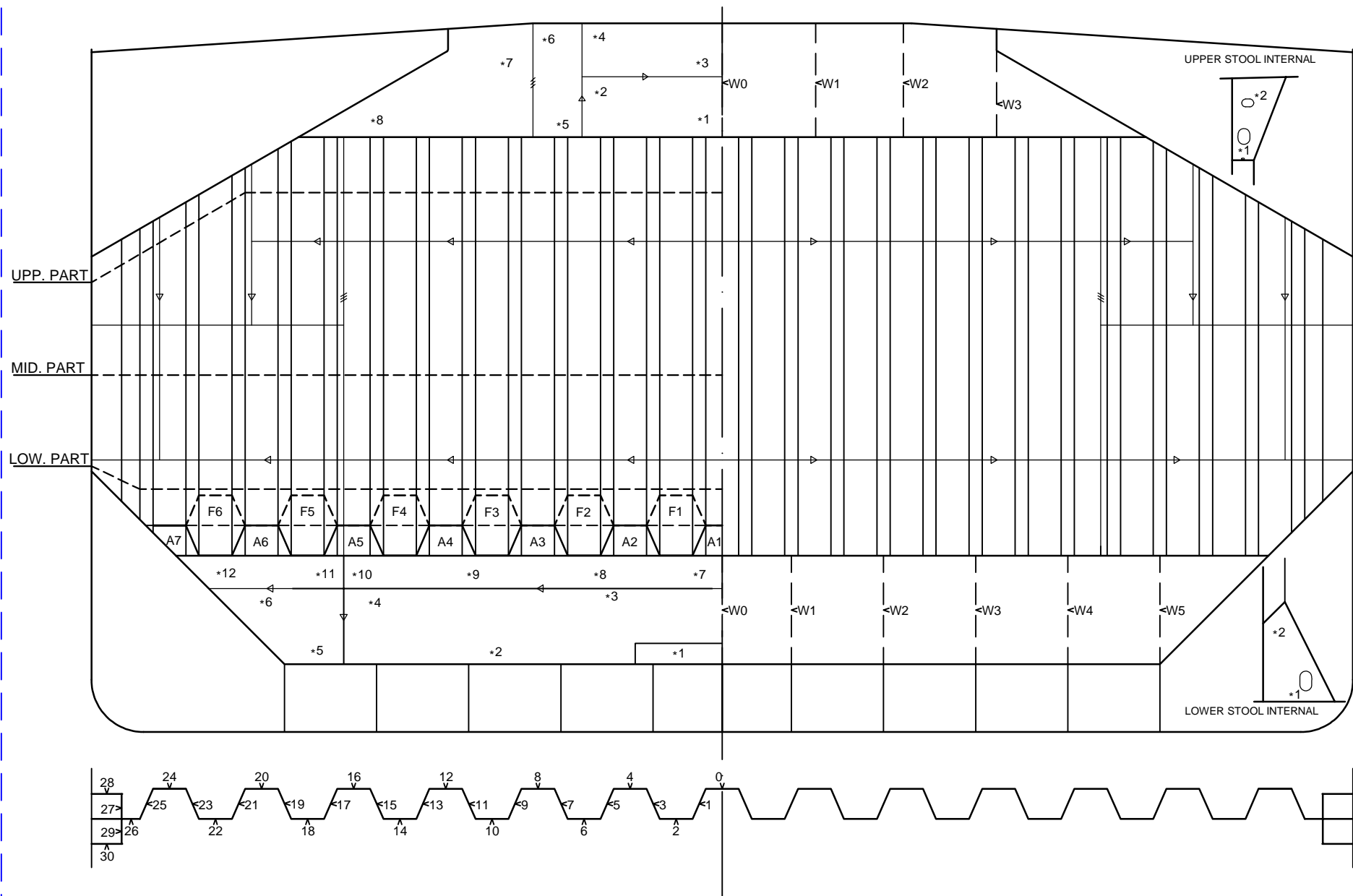
LR/IMO Number : 9492098

TM Report No : ZSN2066110

Cargo Holds – Transverse Bulkheads - Bulkhead Between Cargo
Hold Nos. 7/8

TM Sketches

No.7 C/H AFTER TRANS. BHD AT FR.103





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

**Cargo Holds – Transverse Bulkheads -
Bulkhead Between Cargo Hold Nos. 8/9**

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 8/9						
Location of Structure :					Frame No. 74						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(UPPER PART)	0	17	0	11.5	16.7	5.2					
	1	17	0	11.5	16.8	5.3		16.8	5.3		
	2	17	0	11.5	16.7	5.2		16.7	5.2		
	3	17	0	11.5	16.5	5		16.8	5.3		
	4	17	0	11.5	16.7	5.2		16.9	5.4		
	5	17	0	11.5	16.8	5.3		16.5	5		
	6	17	0	11.5	16.7	5.2		16.6	5.1		
	7	17	0	11.5	16.8	5.3		16.7	5.2		
	8	17	0	11.5	16.7	5.2		16.8	5.3		
	9	17	0	11.5	16.6	5.1		16.8	5.3		
	10	17	0	11.5	16.7	5.2		16.6	5.1		
	11	17	0	11.5	16.6	5.1		16.5	5		
	12	17	0	11.5	16.8	5.3		16.7	5.2		
	13	17	0	11.5	16.5	5		16.8	5.3		
	14	17	0	11.5	16.8	5.3		16.9	5.4		
	15	17	0	11.5	16.7	5.2		16.7	5.2		
	16	17	0	11.5	16.8	5.3		16.7	5.2		
	17	17	0	11.5	16.9	5.4		16.9	5.4		
	18	17	0	11.5	16.7	5.2		16.9	5.4		
	19	17	0	11.5	16.7	5.2		16.7	5.2		
	20	17	0	11.5	16.8	5.3		16.8	5.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 8/9						
Location of Structure :					Frame No. 74						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(UPPER PART)	21	20.5	0	14	20.4	6.4		20.4	6.4		
	22	20.5	0	14	20.3	6.3		20.3	6.3		
	23	20.5	0	14	20.4	6.4		20.4	6.4		
	24	20.5	0	14	20.4	6.4		20.4	6.4		
	25	21.5	0	15	21.5	6.5		21.3	6.3		
	26	21.5	0	15	21.2	6.2		21.4	6.4		
	27	21	0	16	20.8	4.8		20.7	4.7		
	28	21	0	16	20.7	4.7		20.8	4.8		
	29	21	0	16	20.9	4.9		20.6	4.6		
	30	21	0	16	20.3	4.3		20.4	4.4		
BHD PLATE(MID. PART)	0	20.5	0	14	18.3	4.3					
	1	20.5	0	14	18.1	4.1		18.3	4.3		
	2	20.5	0	14	18.4	4.4		18.2	4.2		
	3	20.5	0	14	18.5	4.5		18.7	4.7		
	4	20.5	0	14	18.7	4.7		18.6	4.6		
	5	20.5	0	14	18.9	4.9		19.2	5.2		
	6	20.5	0	14	19.4	5.4		19.1	5.1		
	7	20.5	0	14	19.2	5.2		19.1	5.1		
	8	20.5	0	14	19.1	5.1		19.2	5.2		
	9	20.5	0	14	19.4	5.4		19.3	5.3		
	10	20.5	0	14	19.3	5.3		19.4	5.4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 8/9						
Location of Structure :					Frame No. 74						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(MID. PART)	11	20.5	0	14	19.4	5.4		19.2	5.2		
	12	20.5	0	14	19.4	5.4		19.3	5.3		
	13	20.5	0	14	19.3	5.3		19.3	5.3		
	14	20.5	0	14	19.4	5.4		19.4	5.4		
	15	20.5	0	14	19.3	5.3		19.3	5.3		
	16	20.5	0	14	19.4	5.4		19.5	5.5		
	17	20.5	0	14	19.5	5.5		19.4	5.4		
	18	20.5	0	14	19.6	5.6		19.2	5.2		
	19	20.5	0	14	19.3	5.3		19.3	5.3		
	20	20.5	0	14	19.4	5.4		19.4	5.4		
	21	20.5	0	14	19.2	5.2		19.3	5.3		
	22	20.5	0	14	19.3	5.3		19.1	5.1		
	23	20.5	0	14	19.4	5.4		19.2	5.2		
	24	20.5	0	14	19.7	5.7		19.6	5.6		
	25	21.5	0	15	20.6	5.6		20.9	5.9		
	26	21.5	0	15	20.7	5.7		20.7	5.7		
	27	23	0	18	22.7	4.7		22.7	4.7		
	28	23	0	18	22.6	4.6		22.8	4.8		
	29	23	0	18	22.8	4.8		22.7	4.7		
	30	23	0	18	22.7	4.7		22.6	4.6		
BHD PLATE(LOWER PART)	0	23	0	16.5	20.1	3.6					

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 8/9						
Location of Structure :					Frame No. 74						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(LOWER PART)	1	23	0	16.5	20.2	3.7		20.3	3.8		
	2	23	0	16.5	20.1	3.6		20.2	3.7		
	3	23	0	16.5	20.3	3.8		20.1	3.6		
	4	23	0	16.5	20.4	3.9		20.2	3.7		
	5	23	0	16.5	20.7	4.2		20.4	3.9		
	6	23	0	16.5	21	4.5		20.9	4.4		
	7	23	0	16.5	20.9	4.4		20.7	4.2		
	8	23	0	16.5	21.3	4.8		21.1	4.6		
	9	23	0	16.5	21.4	4.9		20.9	4.4		
	10	23	0	16.5	20.6	4.1		21.3	4.8		
	11	23	0	16.5	21.3	4.8		21.1	4.6		
	12	23	0	16.5	21.1	4.6		20.6	4.1		
	13	23	0	16.5	21.3	4.8		21.1	4.6		
	14	23	0	16.5	20.7	4.2		21.3	4.8		
	15	23	0	16.5	21.1	4.6		21.1	4.6		
	16	23	0	16.5	21.3	4.8		21	4.5		
	17	23	0	16.5	21.1	4.6		21.2	4.7		
	18	23	0	16.5	21.3	4.8		21.1	4.6		
	19	23	0	16.5	21.4	4.9		21.3	4.8		
	20	23	0	16.5	21.3	4.8		21.4	4.9		
	21	23	0	16.5	21.1	4.6		21	4.5		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 8/9						
Location of Structure :					Frame No. 74						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE(LOWER PART)	22	23	0	16.5	21.5	5		21.6	5.1		
	23	23	0	16.5	21.4	4.9		21.5	5		
	24	23	0	16.5	21.6	5.1		21.7	5.2		
	25	23	0	16.5	21.6	5.1		21.5	5		
	26	23	0	16.5	21.4	4.9		21.8	5.3		
	27	23	0	16.5	21.8	5.3		21.9	5.4		
	28	23	0	16.5	21.7	5.2		21.9	5.4		
	29	23	0	16.5	22.2	5.7		22.3	5.8		
	30	23	0	16.5	22.3	5.8		22.4	5.9		
UPPER STOOL PL.(NO.8C/H AFTER)	1	14	0	10	13.9	3.9		13.7	3.7		
	2	14	0	10	13.8	3.8		13.9	3.9		
	3	14	0	10	13.9	3.9		13.7	3.7		
	4	14	0	10	13.7	3.7		13.8	3.8		
	5	14	0	10	13.8	3.8		13.7	3.7		
	6	14	0	10	13.9	3.9		13.9	3.9		
	7	14	0	10	13.9	3.9		13.7	3.7		
	8	14	0	10	13.7	3.7		13.8	3.8		
UPPER STOOL PL.(NO.9 C/H FORE)	1	14	0	10	13.8	3.8		13.9	3.9		
	2	14	0	10	13.8	3.8		13.7	3.7		
	3	14	0	10	13.9	3.9		13.8	3.8		
	4	14	0	10	13.7	3.7		13.9	3.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 8/9						
Location of Structure :					Frame No. 74						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
UPPER STOOL PL.(NO.9 C/H FORE)	5	14	0	10	13.8	3.8		13.7	3.7		
	6	14	0	10	13.9	3.9		13.8	3.8		
	7	14	0	10	13.7	3.7		13.9	3.9		
	8	14	0	10	13.8	3.8		13.7	3.7		
UPPER STOOL INTERNAL	W0---1	12	0	10	11.8	1.8					
	W0---2	12	0	10	11.7	1.7					
	W1---1	12	0	10	11.7	1.7		11.9	1.9		
	W1---2	12	0	10	11.8	1.8		11.7	1.7		
	W2---1	12	0	10	11.7	1.7		11.7	1.7		
	W2---2	12	0	10	11.7	1.7		11.9	1.9		
	W3---1	12	0	10	11.9	1.9		11.7	1.7		
	W3---2	12	0	10	11.7	1.7		11.8	1.8		
LOWER STOOL PL.(NO.8C/H AFTER)	1	26	0	19.5	23.1	3.6		23.2	3.7		
	2	21.5	0	15	19	4		19.3	4.3		
	3	21.5	0	15	19.4	4.4		19.2	4.2		
	4	21.5	0	15	19.6	4.6		19.3	4.3		
	5	21.5	0	15	19.1	4.1		19.2	4.2		
	6	21.5	0	15	19.3	4.3		19.2	4.2		
	7	23	0	16.5	22.4	5.9		22.6	6.1		
	8	23	0	16.5	22.4	5.9		22.2	5.7		
	9	23	0	16.5	22.5	6		22.5	6		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 8/9						
Location of Structure :					Frame No. 74						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
LOWER STOOL PL.(NO.8C/H AFTER)	10	23	0	16.5	22.1	5.6		22.6	6.1		
	11	23	0	16.5	22.4	5.9		22.7	6.2		
	12	23	0	19.5	22.6	3.1		22.3	2.8		
LOWER STOOL PL.(NO.9 C/H FORE)	1	26	0	19.5	23.6	4.1		23.7	4.2		
	2	21.5	0	15	19.3	4.3		19.2	4.2		
	3	21.5	0	15	19.5	4.5		19.2	4.2		
	4	21.5	0	15	19.5	4.5		19.4	4.4		
	5	21.5	0	15	19.2	4.2		19.1	4.1		
	6	21.5	0	15	19.3	4.3		19.5	4.5		
	7	23	0	16.5	22.5	6		22.3	5.8		
	8	23	0	16.5	22.6	6.1		22.4	5.9		
	9	23	0	16.5	22.4	5.9		22.2	5.7		
	10	23	0	16.5	22.3	5.8		22.4	5.9		
	11	23	0	16.5	22.4	5.9		22.1	5.6		
	12	23	0	16.5	22.3	5.8		22.4	5.9		
LOWER STOOL INTERNAL	W0---1	12	0	10	11.7	1.7					
	W0---2	12	0	10	11.8	1.8					
	W1---1	12	0	10	11.7	1.7		11.9	1.9		
	W1---2	12	0	10	11.7	1.7		11.7	1.7		
	W2---1	12	0	10	11.9	1.9		11.8	1.8		
	W2---2	12	0	10	11.8	1.8		11.9	1.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Bulkhead Between Cargo Hold Nos. 8/9						
Location of Structure :					Frame No. 74						
Type of Bulkhead :					Corrugated Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
LOWER STOOL INTERNAL	W3---1	12	0	10	11.7	1.7		11.7	1.7		
	W3---2	12	0	10	11.8	1.8		11.9	1.9		
	W4---2	12	0	10	11.9	1.9		11.8	1.8		
	W4---1	12	0	10	11.9	1.9		11.9	1.9		
SHEDDER PLATE	A1	23	0	16.5	22.4	5.9					
	A2	23	0	16.5	22.5	6		22.5	6		
	A3	23	0	16.5	22.3	5.8		22.4	5.9		
	A4	23	0	16.5	22.5	6		22.3	5.8		
	A5	23	0	16.5	22.2	5.7		22.5	6		
	A6	23	0	16.5	22.4	5.9		22.4	5.9		
	F1	18	0	11.5	17.5	6		17.1	5.6		
	F2	18	0	11.5	17.6	6.1		17.4	5.9		
	F3	18	0	11.5	17.4	5.9		17.3	5.8		
	F4	18	0	11.5	17.3	5.8		17.2	5.7		
	F5	18	0	11.5	17.5	6		17.3	5.8		
	F6	18	0	11.5	17.4	5.9		17.4	5.9		
GUSSET PLATE	A1	23	0	16.5	22.6	6.1					
	A2	23	0	16.5	22.4	5.9		22.6	6.1		
	A3	23	0	16.5	22.5	6		22.4	5.9		
	A4	23	0	16.5	22.5	6		22.2	5.7		
	A5	23	0	16.5	22.4	5.9		22.3	5.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Page 220 of 571



Thickness Measurement Report

Ship's Name : XIN BIN HAI

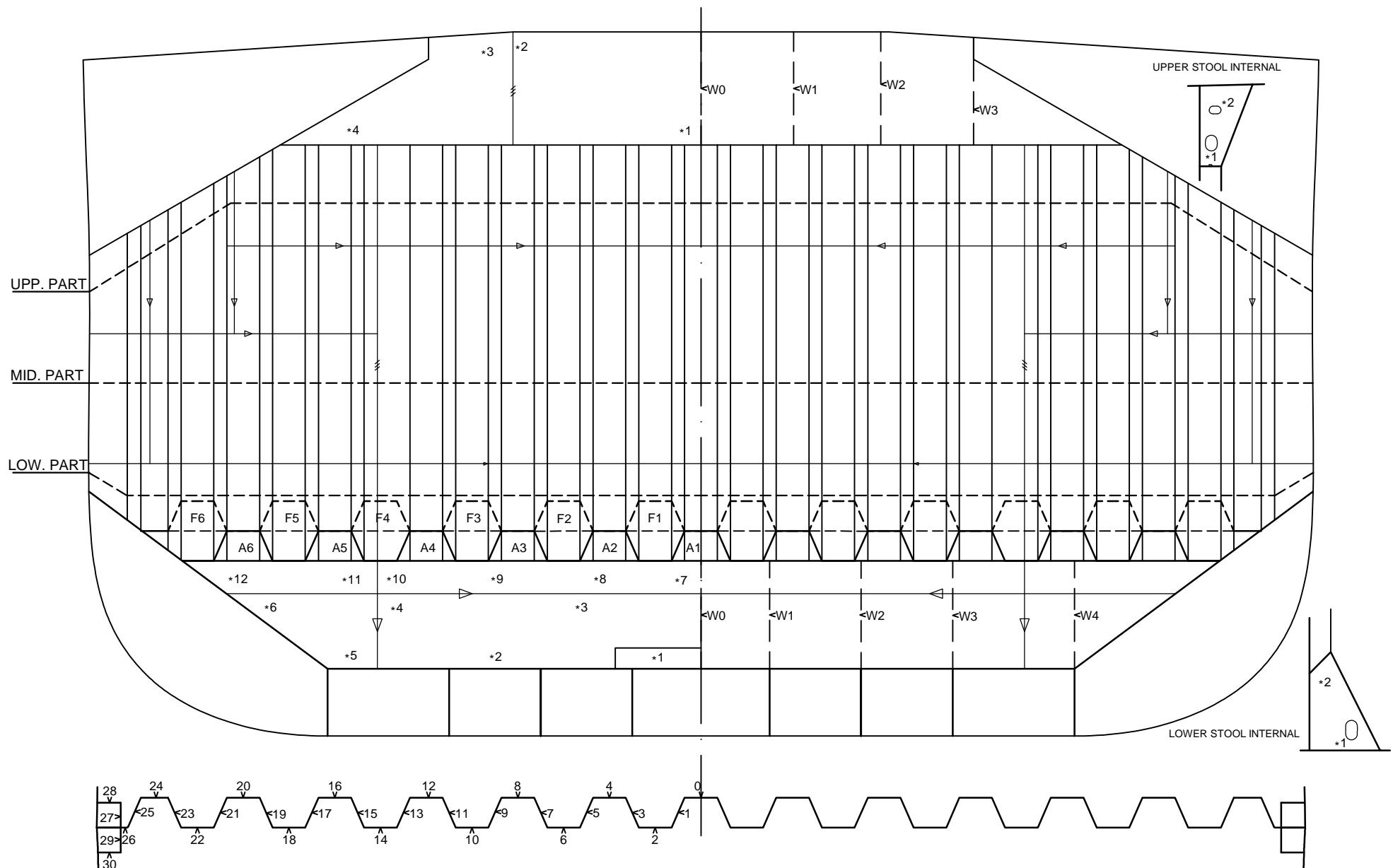
LR/IMO Number : 9492098

TM Report No : ZSN2066110

Cargo Holds – Transverse Bulkheads - Bulkhead Between Cargo
Hold Nos. 8/9

TM Sketches

No.8 C/H AFTER TRANS. BHD AT FR.74





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Cargo Holds – Transverse Bulkheads -
Engine Room Bulkhead

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Engine Room Bulkhead						
Location of Structure :					Frame No. 45-47						
Type of Bulkhead :					Plain Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE	1	24	0	17	21.2	4.2		20.8	3.8		
	2	24	0	17	20.6	3.6		20.5	3.5		
	3	24	0	17	21.3	4.3		21.5	4.5		
	4	24	0	17	21.4	4.4		22.3	5.3		
	5	20	0	16	19.1	3.1		19.4	3.4		
	6	18	0	14	17.2	3.2		17.1	3.1		
	7	18	0	14	17.3	3.3		16.9	2.9		
	8	20	0	16	19.2	3.2		19.3	3.3		
	9	20	0	16	19.1	3.1		19.4	3.4		
	10	17	0	13	16.2	3.2		16.3	3.3		
	11	17	0	13	16.3	3.3		16.4	3.4		
	12	17	0	13	16.4	3.4		16.2	3.2		
	13	17	0	13	16.2	3.2		16.3	3.3		
	14	20	0	16	19.2	3.2		19.5	3.5		
	15	20	0	16	19.3	3.3		19.4	3.4		
	16	17	0	13	16.6	3.6		16.7	3.7		
	17	17	0	13	16.7	3.7		16.6	3.6		
	18	17	0	13	16.6	3.6		16.5	3.5		
	19	17	0	13	16.5	3.5		16.7	3.7		
	20	18	0	14	17.5	3.5		17.7	3.7		
	21	18	0	14	17.7	3.7		17.6	3.6		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Engine Room Bulkhead						
Location of Structure :					Frame No. 45-47						
Type of Bulkhead :					Plain Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BHD PLATE	22	16	0	12	15.7	3.7		15.6	3.6		
	23	16	0	12	15.6	3.6		15.7	3.7		
	24	16	0	12	15.7	3.7		15.8	3.8		
	25	16	0	12	15.7	3.7		15.6	3.6		
	26	18	0	14	17.8	3.8		17.7	3.7		
	27	18	0	14	17.6	3.6		17.7	3.7		
	28	16	0	12	15.7	3.7		15.8	3.8		
	29	16	0	12	15.9	3.9		15.7	3.7		
	30	16	0	12	15.7	3.7		15.8	3.8		
	31	16	0	12	15.8	3.8		15.6	3.6		
	32	17	0	13	16.7	3.7		16.7	3.7		
	33	17	0	13	16.8	3.8		16.7	3.7		
	34	15	0	11	14.8	3.8		14.8	3.8		
	35	15	0	11	14.7	3.7		14.9	3.9		
	36	15	0	11	14.9	3.9		14.6	3.6		
	37	15	0	11	14.6	3.6		14.7	3.7		
	38	14	0	10	13.7	3.7		13.7	3.7		
	39	14	0	10	13.9	3.9		13.8	3.8		
	40	14	0	10	13.9	3.9		13.7	3.7		
	41	14	0	10	13.7	3.7		13.8	3.8		
	42	14	0	10	13.8	3.8		13.9	3.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

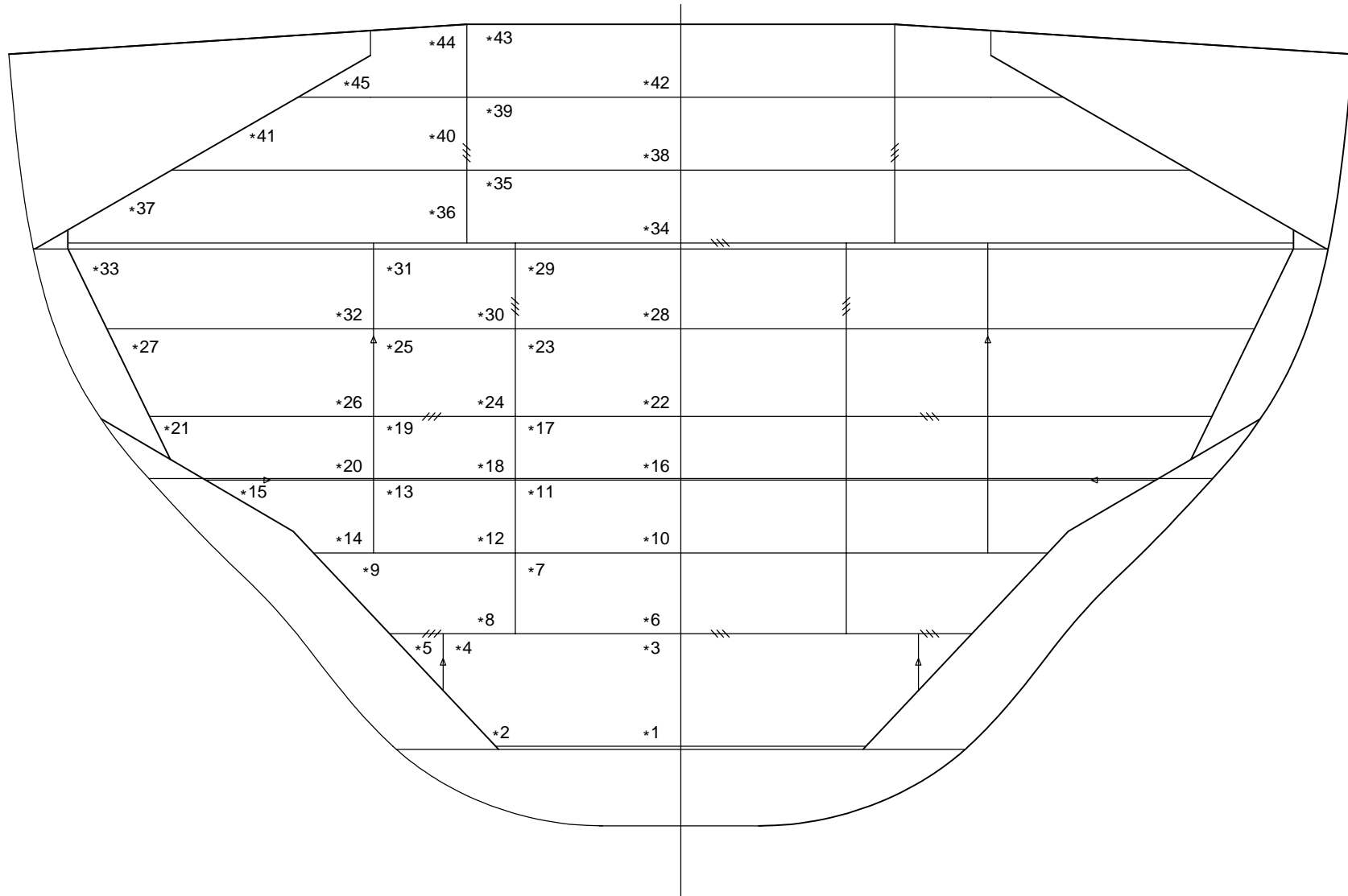
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Cargo Holds – Transverse Bulkheads - Engine Room Bulkhead TM Sketches

NO.9 C/H AFTER
TRANS. BHD AT FR.45-47





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

**WB Tanks - Transverse Web Frames -
Double Bottom Tank No. 1**

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 1						
Location of Structure :					Frame No. 281						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
WEB	1	19	0	16.5	18.6	2.1		18.7	2.2		
	2	19	0	16.5	18.8	2.3		18.8	2.3		
	3	18	0	15	17.8	2.8		17.8	2.8		
	4	18	0	15	17.8	2.8		17.7	2.7		
	5	18	0	15	17.9	2.9		17.9	2.9		
	6	18	0	15	17.8	2.8		17.8	2.8		
	7	18	0	15	17.8	2.8		17.7	2.7		
	8	18	0	15	17.8	2.8		17.7	2.7		
	9	18	0	15	17.8	2.8		17.8	2.8		
	10	18	0	15	17.7	2.7		17.8	2.8		
	11	14	0	11	13.8	2.8		13.7	2.7		
	12	14	0	11	13.7	2.7		13.8	2.8		
	13	14	0	11	13.8	2.8		13.8	2.8		
	14	14	0	11	13.9	2.9		13.9	2.9		
	15	14	0	11	13.8	2.8		13.7	2.7		
INNER BOTTOM PL.	IP1	26	0	21	22.9	1.9		22.8	1.8		
	IP2	26	0	20.5	22.8	2.3		22.9	2.4		
	IP3	26	0	20.5	23.1	2.6		23.1	2.6		
	IP4	26	0	20.5	22.9	2.4		22.9	2.4		
	IP5	26	0	20.5	22.7	2.2		22.8	2.3		
	IP6	25.5	0	20	22.8	2.8		22.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 1						
Location of Structure :					Frame No. 281						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
HOPPER PL.	HP1	25.5	0	20	22.6	2.6		23	3		
	HP2	21.5	0	16	18.6	2.6		18.7	2.7		
	HP3	20.5	0	15	17.2	2.2		17.3	2.3		
	HP4	19	0	13.5	16.5	3		16.3	2.8		
BOTTOM PL.	K	26	0	23	25.8	2.8		24.7	1.7		
	A	26	0	23	25.9	2.9		25.8	2.8		
	B	26	0	23	25.7	2.7		25.7	2.7		
	C	26	0	23	25.7	2.7		25.9	2.9		
	D	26	0	23	25.8	2.8		25.8	2.8		
	E	26	0	23	25.7	2.7		25.7	2.7		
	F	18	0	15	17.8	2.8		17.8	2.8		
	G	18	0	15	17.7	2.7		17.7	2.7		
	H	17.5	0	14.5	17.4	2.9		17.3	2.8		
	I	17.5	0	14	17.3	3.3		17.4	3.4		
	J	30	0	26	29.8	3.8		29.7	3.7		
INNER BOTTOM LONGL.	1W	13	0	10	12.8	2.8		12.8	2.8		
	1F	22	0	19	21.8	2.8		21.9	2.9		
	1aW	13	0	10	12.9	2.9		12.7	2.7		
	1aF	22	0	19	21.7	2.7		21.8	2.8		
	2W	13	0	10	12.9	2.9		12.9	2.9		
	2F	22	0	19	21.7	2.7		21.7	2.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 1						
Location of Structure :					Frame No. 281						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	4W	13	0	10	12.8	2.8		12.9	2.9		
	4F	22	0	19	21.8	2.8		21.7	2.7		
	5W	13	0	10	12.9	2.9		12.8	2.8		
	5F	22	0	19	21.7	2.7		21.8	2.8		
	6W	13	0	10	12.9	2.9		12.7	2.7		
	6F	22	0	19	21.9	2.9		21.9	2.9		
	8W	13	0	10	12.8	2.8		12.9	2.9		
	8F	22	0	19	21.8	2.8		21.7	2.7		
	9W	13	0	10	12.9	2.9		12.9	2.9		
	9F	22	0	19	21.6	2.6		21.9	2.9		
	10W	13	0	10	12.8	2.8		12.8	2.8		
	10F	22	0	19	21.7	2.7		21.9	2.9		
	12W	13	0	10	12.9	2.9		12.7	2.7		
	12F	22	0	19	21.7	2.7		21.8	2.8		
	13W	13	0	10	12.7	2.7		12.9	2.9		
	13F	22	0	19	21.8	2.8		21.8	2.8		
	14W	13	0	10	12.7	2.7		12.7	2.7		
	14F	22	0	19	21.8	2.8		21.8	2.8		
	16W	13	0	10	12.9	2.9		12.9	2.9		
	16F	22	0	19	21.8	2.8		21.7	2.7		
	17W	13	0	10	12.9	2.9		12.9	2.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 1						
Location of Structure :					Frame No. 281						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	17F	22	0	19	21.9	2.9		21.8	2.8		
	18W	13	0	10	12.7	2.7		12.9	2.9		
	18F	22	0	19	21.7	2.7		21.8	2.8		
HOPPER LONGL.	1W	11	0	8	10.8	2.8		10.8	2.8		
	1F	18	0	15	17.8	2.8		17.8	2.8		
	2W	11	0	8	10.9	2.9		10.7	2.7		
	2F	16	0	13	15.8	2.8		15.9	2.9		
	3W	11	0	8	10.9	2.9		10.8	2.8		
	3F	16	0	13	15.7	2.7		15.9	2.9		
	4W	11	0	8	10.7	2.7		10.7	2.7		
	4F	16	0	13	15.8	2.8		15.8	2.8		
	5W	11	0	8	10.8	2.8		10.7	2.7		
	5F	16	0	13	15.9	2.9		15.9	2.9		
	6W	11	0	8	10.7	2.7		10.8	2.8		
	6F	16	0	13	15.9	2.9		15.7	2.7		
	7W	11	0	8	10.8	2.8		10.8	2.8		
	7F	16	0	13	15.9	2.9		15.9	2.9		
	8W	11	0	8	10.9	2.9		10.7	2.7		
	8F	16	0	13	15.7	2.7		15.7	2.7		
	9W	11	0	8	10.8	2.8		10.8	2.8		
	9F	16	0	11	15.9	4.9		15.9	4.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 1						
Location of Structure :					Frame No. 281						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BOTTOM LONGL.	1	10	0	8	9.8	1.8		9.7	1.7		
	2	10	0	8	9.8	1.8		9.8	1.8		
	4W	11	0	8	10.8	2.8		10.8	2.8		
	4F	18	0	15	17.8	2.8		17.8	2.8		
	5W	11	0	8	10.9	2.9		10.7	2.7		
	5F	18	0	15	17.8	2.8		17.9	2.9		
	6W	11	0	8	10.7	2.7		10.8	2.8		
	6F	18	0	15	17.7	2.7		17.7	2.7		
	8W	11	0	8	10.8	2.8		10.8	2.8		
	8F	18	0	15	17.9	2.9		17.9	2.9		
	9W	11	0	8	10.8	2.8		10.8	2.8		
	9F	18	0	15	17.8	2.8		17.7	2.7		
	10W	11	0	8	10.9	2.9		10.8	2.8		
	10F	18	0	15	17.7	2.7		17.9	2.9		
	12W	11	0	8	10.7	2.7		10.7	2.7		
	12F	18	0	15	17.8	2.8		17.9	2.9		
	13W	11	0	8	10.8	2.8		10.8	2.8		
	13F	18	0	15	17.9	2.9		17.8	2.8		
	14W	11	0	8	10.8	2.8		10.7	2.7		
	14F	18	0	15	17.7	2.7		17.9	2.9		
	16W	11	0	8	10.8	2.8		10.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 1						
Location of Structure :					Frame No. 281						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	16F	18	0	15	17.9	2.9		17.8	2.8		
	17W	11	0	8	10.8	2.8		10.8	2.8		
	17F	18	0	15	17.8	2.8		17.7	2.7		
	18W	11	0	8	10.8	2.8		10.7	2.7		
	18F	18	0	15	17.9	2.9		17.9	2.9		
	20W	11	0	8	10.8	2.8		10.8	2.8		
	20F	20	0	17	19.7	2.7		19.8	2.8		
	21W	11	0	8	10.8	2.8		10.7	2.7		
	21F	20	0	17	19.9	2.9		19.7	2.7		
SIDE SHELL PL. LONGL.	1W	11	0	8	10.8	2.8		10.8	2.8		
	1F	18	0	15	17.7	2.7		17.7	2.7		
	2W	11	0	8	10.7	2.7		10.9	2.9		
	2F	18	0	15	17.8	2.8		17.7	2.7		
	3W	11	0	8	10.7	2.7		10.7	2.7		
	3F	18	0	15	17.8	2.8		17.7	2.7		
	4W	11	0	8	10.8	2.8		10.8	2.8		
	4F	18	0	15	17.9	2.9		17.8	2.8		
	5W	11	0	8	10.7	2.7		10.7	2.7		
	5F	16	0	13	15.9	2.9		15.7	2.7		
	6W	11	0	8	10.8	2.8		10.8	2.8		
	6F	16	0	13	15.9	2.9		15.9	2.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 1						
Location of Structure :					Frame No. 281						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	7W	11	0	8	10.8	2.8		10.8	2.8		
	7F	14	0	11	13.8	2.8		13.8	2.8		
	8W	10	0	7	9.8	2.8		9.7	2.7		
	8F	14	0	11	13.8	2.8		13.7	2.7		
	9W	10	0	7	9.7	2.7		9.8	2.8		
	9F	14	0	11	13.8	2.8		13.8	2.8		
	10W	10	0	7	9.8	2.8		9.9	2.9		
	10F	14	0	11	13.8	2.8		13.8	2.8		
CENTER GIRDER	0	22	0	20	21.7	1.7					
SIDE GIRDER	3	25	0	22.5	24.8	2.3		24.7	2.2		
	7	20	0	17	19.8	2.8		19.7	2.7		
	11	20	0	17	19.7	2.7		19.9	2.9		
	15	13	0	10	12.9	2.9		12.8	2.8		
	19	13	0	10	12.8	2.8		12.7	2.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

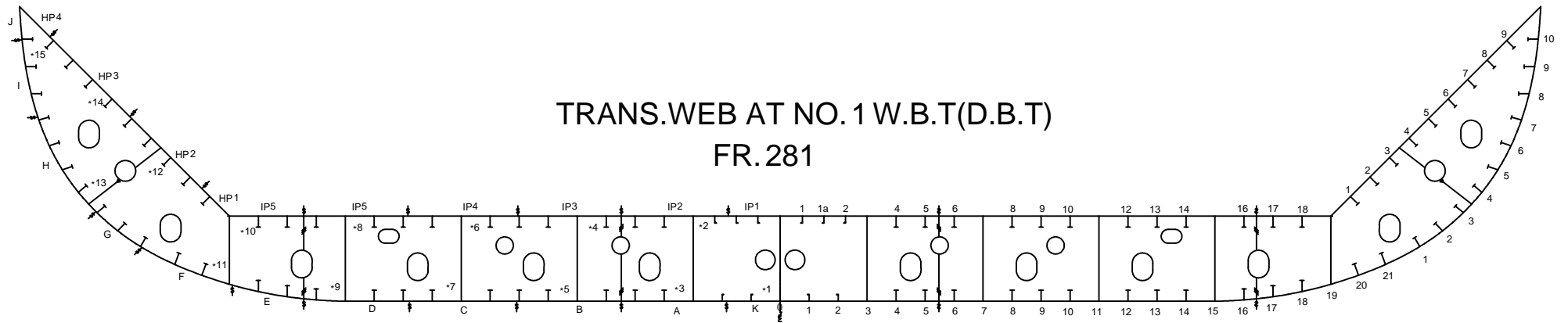
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames - Double Bottom Tank No. 1 TM Sketches

TRANS.WEB AT NO. 1 W.B.T(D.B.T)
FR. 281





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

**WB Tanks - Transverse Web Frames -
Double Bottom Tank No. 2**

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 2						
Location of Structure :					Frame No. 253						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
WEB	1	18	0	15	17.8	2.8		17.6	2.6		
	2	18	0	15	17.7	2.7		17.8	2.8		
	3	18	0	15	17.9	2.9		17.9	2.9		
	4	18	0	15	17.8	2.8		17.7	2.7		
	5	18	0	15	17.7	2.7		17.8	2.8		
	6	18	0	15	17.8	2.8		17.8	2.8		
	7	18	0	15	17.7	2.7		17.7	2.7		
	8	18	0	15	17.8	2.8		17.7	2.7		
	9	13	0	10	12.9	2.9		12.7	2.7		
	10	13	0	10	12.7	2.7		12.8	2.8		
	11	13	0	10	12.8	2.8		12.8	2.8		
	12	13	0	10	12.9	2.9		12.9	2.9		
	13	14	0	11	13.8	2.8		13.8	2.8		
	14	14	0	11	13.7	2.7		13.9	2.9		
	15	14	0	11	13.8	2.8		13.7	2.7		
	16	14	0	11	13.9	2.9		13.8	2.8		
	17	12	0	10	11.8	1.8		11.8	1.8		
	18	12	0	10	11.9	1.9		11.9	1.9		
FACE	F1	20	0	16.5	19.7	3.2		19.7	3.2		
	F2	20	0	16.5	19.9	3.4		19.9	3.4		
	F3	20	0	16.5	19.8	3.3		19.8	3.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 2						
Location of Structure :					Frame No. 253						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	F4	18	0	16	17.8	1.8		17.8	1.8		
	F5	12	0	10	11.8	1.8		11.9	1.9		
	F6	18	0	16	17.8	1.8		17.9	1.9		
	F7(S)	12	0	10				11.8	1.8		
INNER BOTTOM PL.	IP1	26	0	21	22.9	1.9		22.8	1.8		
	IP2	26	0	20.5	22.8	2.3		22.7	2.2		
	IP3	25.5	0	20	22.6	2.6		22.9	2.9		
	IP4	25.5	0	20	22.7	2.7		22.5	2.5		
	IP5	25.5	0	20	22.9	2.9		22.6	2.6		
	IP6	22.5	0	17	19.6	2.6		19.4	2.4		
HOPPER PL.	HP1	22.5	0	17	19.7	2.7		19.7	2.7		
	HP2	20.5	0	15	17.2	2.2		17.3	2.3		
	HP3	19.5	0	14	16.8	2.8		16.7	2.7		
	HP4	19.5	0	14	16.9	2.9		16.9	2.9		
BOTTOM PL.	K	18	0	15	17.7	2.7		17.9	2.9		
	A	18	0	15	17.7	2.7		17.7	2.7		
	B	18	0	15	17.8	2.8		17.8	2.8		
	C	18	0	15	17.9	2.9		17.7	2.7		
	D	18	0	15	17.7	2.7		17.8	2.8		
	E	18	0	15	17.7	2.7		17.7	2.7		
	F	18	0	15	17.8	2.8		17.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 2						
Location of Structure :					Frame No. 253						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	G	18	0	15	17.8	2.8		17.9	2.9		
	H	18	0	15	17.9	2.9		17.8	2.8		
	I	18	0	15	17.8	2.8		17.8	2.8		
	J	17.5	0	14.5	17.4	2.9		17.5	3		
	L	18	0	14.5	17.8	3.3		17.8	3.3		
	M	22	0	18	21.7	3.7		21.7	3.7		
INNER BOTTOM LONGL.	1	11.5	0	9.5	11.3	1.8		11.3	1.8		
	1a	11.5	0	9.5	11.4	1.9		11.2	1.7		
	2	11.5	0	9.5	11.2	1.7		11.3	1.8		
	4W	11	0	8	10.8	2.8		10.8	2.8		
	4F	16	0	13	15.9	2.9		15.9	2.9		
	5W	11	0	8	10.7	2.7		10.7	2.7		
	5F	16	0	13	15.9	2.9		15.9	2.9		
	6W	11	0	8	10.8	2.8		10.7	2.7		
	6F	16	0	13	15.9	2.9		15.8	2.8		
	8W	11	0	8	10.8	2.8		10.8	2.8		
	8F	16	0	13	15.9	2.9		15.9	2.9		
	9W	11	0	8	10.8	2.8		10.8	2.8		
	9F	16	0	13	15.9	2.9		15.9	2.9		
	10W	11	0	8	10.7	2.7		10.8	2.8		
	10F	16	0	13	15.9	2.9		15.7	2.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 2						
Location of Structure :					Frame No. 253						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	12W	11	0	8	10.9	2.9		10.7	2.7		
	12F	16	0	13	15.7	2.7		15.9	2.9		
	13W	11	0	8	10.8	2.8		10.8	2.8		
	13F	16	0	13	15.9	2.9		15.9	2.9		
	14W	11	0	8	10.7	2.7		10.8	2.8		
	14F	16	0	13	15.8	2.8		15.9	2.9		
	16W	11	0	8	10.7	2.7		10.8	2.8		
	16F	16	0	13	15.9	2.9		15.9	2.9		
	17W	11	0	8	10.7	2.7		10.7	2.7		
	17F	16	0	13	15.8	2.8		15.9	2.9		
	18W	11	0	8	10.7	2.7		10.7	2.7		
	18F	16	0	13	15.7	2.7		15.9	2.9		
HOPPER LONGL.	1W	11	0	8	10.8	2.8		10.8	2.8		
	1F	18	0	15	17.7	2.7		17.8	2.8		
	2W	11	0	8	10.8	2.8		10.7	2.7		
	2F	16	0	13	15.9	2.9		15.7	2.7		
	3W	11	0	8	10.8	2.8		10.8	2.8		
	3F	18	0	15	17.8	2.8		17.7	2.7		
	4W	11	0	8	10.8	2.8		10.8	2.8		
	4F	16	0	13	15.9	2.9		15.8	2.8		
	5W	11	0	8	10.8	2.8		10.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 2						
Location of Structure :					Frame No. 253						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	5F	14	0	11	13.7	2.7		13.8	2.8		
	6W	11	0	8	10.7	2.7		10.7	2.7		
	6F	14	0	11	13.8	2.8		13.8	2.8		
	7W	11	0	8	10.8	2.8		10.7	2.7		
	7F	14	0	11	13.9	2.9		13.8	2.8		
	8W	11	0	8	10.7	2.7		10.8	2.8		
	8F	14	0	11	13.8	2.8		13.7	2.7		
	9W	11	0	8	10.9	2.9		10.8	2.8		
	9F	14	0	11	13.7	2.7		13.8	2.8		
	10W	11	0	8	10.8	2.8		10.8	2.8		
	10F	14	0	11	13.7	2.7		13.9	2.9		
BOTTOM LONGL.	1	10	0	8	9.8	1.8		9.7	1.7		
	2	10	0	8	9.8	1.8		9.9	1.9		
	4W	11	0	8	10.9	2.9		10.7	2.7		
	4F	18	0	15	18	3		17.8	2.8		
	5W	11	0	8	10.8	2.8		10.9	2.9		
	5F	18	0	15	17.7	2.7		17.7	2.7		
	6W	11	0	8	10.8	2.8		10.7	2.7		
	6F	18	0	15	17.7	2.7		17.8	2.8		
	8W	11	0	8	10.8	2.8		10.7	2.7		
	8F	18	0	15	17.7	2.7		18	3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 2						
Location of Structure :					Frame No. 253						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	9W	11	0	8	10.8	2.8		10.8	2.8		
	9F	18	0	15	17.9	2.9		17.9	2.9		
	10W	11	0	8	10.8	2.8		10.8	2.8		
	10F	18	0	15	18	3		17.9	2.9		
	12W	11	0	8	10.8	2.8		10.8	2.8		
	12F	18	0	15	17.7	2.7		17.9	2.9		
	13W	11	0	8	10.7	2.7		10.7	2.7		
	13F	18	0	15	17.9	2.9		17.7	2.7		
	14W	11	0	8	10.8	2.8		10.8	2.8		
	14F	18	0	15	17.8	2.8		17.7	2.7		
	16W	11	0	8	10.7	2.7		10.9	2.9		
	16F	18	0	15	17.9	2.9		17.7	2.7		
	17W	11	0	8	10.8	2.8		10.8	2.8		
	17F	18	0	15	17.7	2.7		18	3		
	18W	11	0	8	10.8	2.8		10.9	2.9		
	18F	18	0	15	17.7	2.7		17.7	2.7		
	20W	11	0	8	10.7	2.7		10.8	2.8		
	20F	20	0	17	19.7	2.7		19.7	2.7		
	21W	11	0	8	10.8	2.8		10.9	2.9		
	21F	20	0	17	19.8	2.8		19.9	2.9		
	22W	11	0	8	10.8	2.8		10.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 2						
Location of Structure :					Frame No. 253						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	22F	20	0	17	19.9	2.9		19.7	2.7		
	23W	11	0	8	10.7	2.7		10.7	2.7		
	23F	20	0	17	19.7	2.7		19.8	2.8		
	24W	11	0	8	10.8	2.8		10.8	2.8		
	24F	20	0	17	19.7	2.7		19.9	2.9		
	25W	11	0	8	10.8	2.8		10.8	2.8		
	25F	20	0	17	19.9	2.9		19.7	2.7		
	26W	11	0	8	10.8	2.8		10.8	2.8		
	26F	18	0	15	17.8	2.8		17.7	2.7		
	27W	11	0	8	10.8	2.8		10.8	2.8		
	27F	18	0	15	17.7	2.7		17.9	2.9		
SIDE SHELL PL. LONGL.	1W	11	0	8	10.8	2.8		10.7	2.7		
	1F	18	0	15	17.9	2.9		17.8	2.8		
	2W	11	0	8	10.8	2.8		10.7	2.7		
	2F	18	0	15	17.7	2.7		17.8	2.8		
	3W	11	0	8	10.8	2.8		10.9	2.9		
	3F	16	0	13	15.9	2.9		15.9	2.9		
	4W	11	0	8	10.8	2.8		10.8	2.8		
	4F	16	0	13	15.9	2.9		15.7	2.7		
	5W	11	0	8	10.7	2.7		10.7	2.7		
	5F	14	0	11	13.8	2.8		13.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 2						
Location of Structure :					Frame No. 253						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	6W	10	0	7	10.7	3.7		9.8	2.8		
	6F	14	0	11	13.8	2.8		13.9	2.9		
	7W	10	0	7	9.8	2.8		9.7	2.7		
	7F	14	0	11	13.8	2.8		13.8	2.8		
	8W	10	0	7	9.7	2.7		9.8	2.8		
	8F	14	0	11	13.8	2.8		13.8	2.8		
SIDE GIRDER	3	21	0	18.5	20.7	2.2		20.8	2.3		
	7	17	0	14	16.8	2.8		16.7	2.7		
	11	17	0	14	16.8	2.8		16.9	2.9		
	15	14	0	11	13.8	2.8		13.7	2.7		
	19	14	0	11	13.7	2.7		13.9	2.9		
CENTER GIRDER	0	17	0	15	16.8	1.8					

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

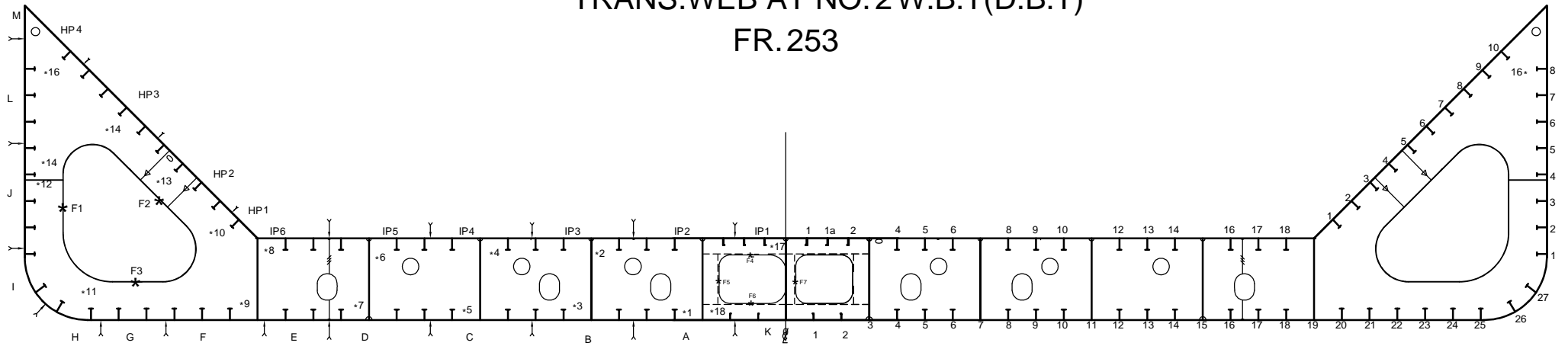
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames - Double Bottom Tank No. 2 TM Sketches

TRANS.WEB AT NO.2W.B.T(D.B.T)
FR.253





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

**WB Tanks - Transverse Web Frames -
Double Bottom Tank No. 3**

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 3						
Location of Structure :					Frame No. 230						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
WEB	1	14	0	11	13.8	2.8		13.7	2.7		
	2	14	0	11	13.7	2.7		13.8	2.8		
	3	14	0	11	13.9	2.9		13.7	2.7		
	4	14	0	11	13.7	2.7		13.8	2.8		
	5	14	0	11	13.8	2.8		13.9	2.9		
	6	14	0	11	13.8	2.8		13.7	2.7		
	7	17	0	14	16.8	2.8		16.8	2.8		
	8	17	0	14	16.9	2.9		16.9	2.9		
	9	14	0	11	13.7	2.7		13.8	2.8		
	10	14	0	11	13.8	2.8		13.7	2.7		
	11	14	0	11	13.9	2.9		13.8	2.8		
	12	14	0	11	13.7	2.7		13.7	2.7		
	13	14	0	11	13.8	2.8		13.8	2.8		
	14	14	0	11	13.7	2.7		13.9	2.9		
	15	14	0	11	13.8	2.8		13.8	2.8		
	16	14	0	11	13.9	2.9		13.7	2.7		
	17	12	0	9	11.8	2.8		11.7	2.7		
	18	12	0	9	11.9	2.9		11.8	2.8		
FACE	F1	20	0	16.5	19.8	3.3		19.8	3.3		
	F2	20	0	16.5	19.8	3.3		19.8	3.3		
	F3	20	0	16.5	19.8	3.3		19.7	3.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 3						
Location of Structure :					Frame No. 230						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	F4	18	0	16	17.8	1.8		17.7	1.7		
	F5	12	0	10	11.8	1.8		11.7	1.7		
	F6	18	0	16	17.9	1.9		17.9	1.9		
	F7(S)	12	0	10				11.8	1.8		
INNER BOTTOM PL.	IP1	26	0	21	22.8	1.8		22.7	1.7		
	IP2	26	0	20.5	22.9	2.4		22.9	2.4		
	IP3	26	0	20.5	22.5	2		22.5	2		
	IP4	26	0	20.5	22.6	2.1		22.6	2.1		
	IP5	26	0	20.5	23.1	2.6		22.9	2.4		
	IP6	25.5	0	20	22.6	2.6		22.8	2.8		
HOPPER PL.	HP1	25.5	0	20	22.8	2.8		22.6	2.6		
	HP2	20.5	0	15	17.2	2.2		17.3	2.3		
	HP3	19	0	14	16.8	2.8		16.9	2.9		
	HP4	20	0	14.5	17	2.5		17.2	2.7		
BOTTOM PL.	K	22	0	19	21.8	2.8		21.8	2.8		
	A	22	0	19	22	3		21.8	2.8		
	B	21	0	18	20.9	2.9		20.8	2.8		
	C	19	0	16	18.8	2.8		18.8	2.8		
	D	19	0	16	18.7	2.7		18.9	2.9		
	E	19	0	16	18.8	2.8		18.7	2.7		
	F	19	0	16	18.8	2.8		18.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 3						
Location of Structure :					Frame No. 230						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	G	19	0	16	18.7	2.7		18.9	2.9		
	H	19	0	16	18.8	2.8		18.8	2.8		
	I	19	0	16	18.7	2.7		18.9	2.9		
	J	17.5	0	14.5	17.4	2.9		17.4	2.9		
	L	18	0	14.5	17.7	3.2		17.9	3.4		
	M	29.5	0	25.5	29.4	3.9		29.5	4		
INNER BOTTOM LONGL.	1	11	0	9	10.8	1.8		10.8	1.8		
	1a	11	0	9	10.9	1.9		10.7	1.7		
	2	11	0	9	10.8	1.8		10.8	1.8		
	4W	12	0	9	11.8	2.8		11.8	2.8		
	4F	22	0	19	21.8	2.8		21.7	2.7		
	5W	12	0	9	11.7	2.7		11.7	2.7		
	5F	22	0	19	21.8	2.8		21.9	2.9		
	6W	12	0	9	11.9	2.9		11.8	2.8		
	6F	22	0	19	21.7	2.7		21.8	2.8		
	8W	12	0	9	11.9	2.9		11.7	2.7		
	8F	22	0	19	21.8	2.8		21.8	2.8		
	9W	12	0	9	11.7	2.7		11.9	2.9		
	9F	22	0	19	21.9	2.9		21.7	2.7		
	10W	12	0	9	11.8	2.8		11.8	2.8		
	10F	22	0	19	21.7	2.7		21.9	2.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 3						
Location of Structure :					Frame No. 230						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	12W	12	0	9	11.9	2.9		11.9	2.9		
	12F	22	0	19	21.8	2.8		21.7	2.7		
	13W	12	0	9	11.7	2.7		11.8	2.8		
	13F	22	0	19	21.8	2.8		21.9	2.9		
	14W	12	0	9	11.8	2.8		11.7	2.7		
	14F	22	0	19	21.9	2.9		21.9	2.9		
	16W	12	0	9	11.9	2.9		11.8	2.8		
	16F	22	0	19	21.8	2.8		21.8	2.8		
	17W	12	0	9	11.7	2.7		11.9	2.9		
	17F	22	0	19	21.8	2.8		21.7	2.7		
	18W	12	0	9	11.9	2.9		11.9	2.9		
	18F	22	0	19	21.8	2.8		21.9	2.9		
HOPPER LONGL.	1W	11	0	8	10.7	2.7		10.8	2.8		
	1F	18	0	15	17.8	2.8		17.9	2.9		
	2W	11	0	8	10.7	2.7		10.7	2.7		
	2F	16	0	13	15.9	2.9		15.9	2.9		
	3W	11	0	8	10.7	2.7		10.7	2.7		
	3F	18	0	15	17.8	2.8		17.9	2.9		
	4W	11	0	8	10.9	2.9		10.8	2.8		
	4F	16	0	13	15.8	2.8		15.9	2.9		
	5W	11	0	8	10.8	2.8		10.7	2.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 3						
Location of Structure :					Frame No. 230						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	5F	14	0	11	13.8	2.8		13.8	2.8		
	6W	11	0	8	10.7	2.7		10.7	2.7		
	6F	14	0	11	13.7	2.7		13.7	2.7		
	7W	11	0	8	10.9	2.9		10.9	2.9		
	7F	14	0	11	13.8	2.8		13.8	2.8		
	8W	11	0	8	10.7	2.7		10.7	2.7		
	8F	14	0	11	13.7	2.7		13.8	2.8		
	9W	11	0	8	10.8	2.8		10.7	2.7		
	9F	14	0	11	13.8	2.8		13.8	2.8		
	10W	11	0	8	10.9	2.9		10.9	2.9		
	10F	14	0	11	13.8	2.8		13.8	2.8		
BOTTOM LONGL.	1	10	0	8	9.7	1.7		9.8	1.8		
	2	10	0	8	9.9	1.9		9.9	1.9		
	4W	11	0	8	10.8	2.8		10.7	2.7		
	4F	18	0	15	17.7	2.7		17.8	2.8		
	5W	11	0	8	10.8	2.8		10.7	2.7		
	5F	18	0	15	17.9	2.9		17.8	2.8		
	6W	11	0	8	10.8	2.8		10.7	2.7		
	6F	18	0	15	17.7	2.7		17.9	2.9		
	8W	11	0	8	10.8	2.8		10.8	2.8		
	8F	18	0	15	17.7	2.7		17.7	2.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 3						
Location of Structure :					Frame No. 230						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	9W	11	0	8	10.8	2.8		10.8	2.8		
	9F	18	0	15	17.7	2.7		17.9	2.9		
	10W	11	0	8	10.8	2.8		10.8	2.8		
	10F	18	0	15	17.9	2.9		17.9	2.9		
	12W	11	0	8	10.8	2.8		10.8	2.8		
	12F	18	0	15	17.9	2.9		17.9	2.9		
	13W	11	0	8	10.8	2.8		10.7	2.7		
	13F	18	0	15	17.8	2.8		17.8	2.8		
	14W	11	0	8	10.9	2.9		10.9	2.9		
	14F	18	0	15	17.8	2.8		17.8	2.8		
	16W	11	0	8	10.8	2.8		10.9	2.9		
	16F	18	0	15	17.8	2.8		17.7	2.7		
	17W	11	0	8	10.7	2.7		10.8	2.8		
	17F	18	0	15	17.8	2.8		17.7	2.7		
	18W	11	0	8	10.8	2.8		10.8	2.8		
	18F	18	0	15	17.9	2.9		17.7	2.7		
	20W	11	0	8	10.7	2.7		10.9	2.9		
	20F	20	0	17	19.8	2.8		19.8	2.8		
	21W	11	0	8	10.8	2.8		10.7	2.7		
	21F	20	0	17	19.8	2.8		19.7	2.7		
	22W	11	0	8	10.7	2.7		10.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 3						
Location of Structure :					Frame No. 230						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	22F	20	0	17	19.7	2.7		19.9	2.9		
	23W	11	0	8	10.8	2.8		10.8	2.8		
	23F	20	0	17	19.8	2.8		19.9	2.9		
	24W	11	0	8	10.8	2.8		10.7	2.7		
	24F	20	0	17	19.7	2.7		19.9	2.9		
	25W	11	0	8	10.8	2.8		10.8	2.8		
	25F	20	0	17	19.9	2.9		19.9	2.9		
SIDE SHELL PL. LONGL.	1W	11	0	8	10.8	2.8		10.8	2.8		
	1F	18	0	15	17.8	2.8		17.7	2.7		
	2W	11	0	8	10.8	2.8		10.7	2.7		
	2F	18	0	15	17.9	2.9		17.9	2.9		
	3W	11	0	8	10.7	2.7		10.7	2.7		
	3F	16	0	13	15.8	2.8		15.9	2.9		
	4W	11	0	8	10.8	2.8		10.8	2.8		
	4F	16	0	13	15.7	2.7		15.7	2.7		
	5W	11	0	8	10.8	2.8		10.8	2.8		
	5F	14	0	11	13.8	2.8		13.8	2.8		
	6W	10	0	7	9.8	2.8		9.9	2.9		
	6F	14	0	11	13.8	2.8		13.8	2.8		
	7W	10	0	7	9.7	2.7		9.7	2.7		
	7F	14	0	11	13.7	2.7		13.7	2.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Page 258 of 571



Thickness Measurement Report

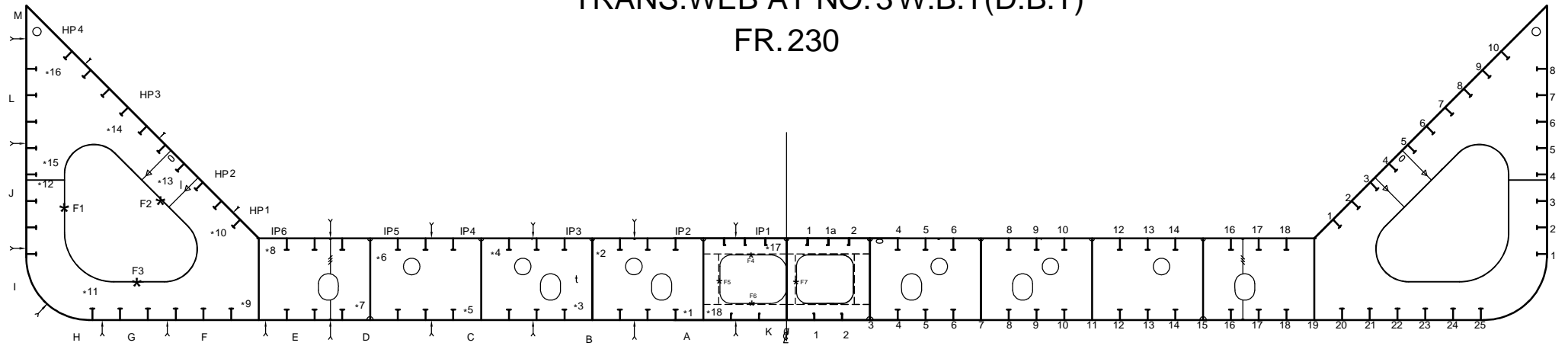
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames - Double Bottom Tank No. 3 TM Sketches

TRANS.WEB AT NO.3W.B.T(D.B.T)
FR.230





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

**WB Tanks - Transverse Web Frames -
Double Bottom Tank No. 4**

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 4						
Location of Structure :					Frame No. 204						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
WEB	1	14	0	11	13.6	2.6		13.7	2.7		
	2	14	0	11	13.7	2.7		13.8	2.8		
	3	14	0	11	13.6	2.6		13.9	2.9		
	4	14	0	11	13.8	2.8		13.7	2.7		
	5	14	0	11	13.8	2.8		13.8	2.8		
	6	14	0	11	13.8	2.8		13.7	2.7		
	7	18	0	15	17.7	2.7		17.8	2.8		
	8	18	0	15	17.8	2.8		17.8	2.8		
	9	13	0	10	12.8	2.8		12.7	2.7		
	10	13	0	10	12.9	2.9		12.8	2.8		
	11	13	0	10	12.8	2.8		12.9	2.9		
	12	13	0	10	12.7	2.7		12.8	2.8		
	13	13	0	10	12.8	2.8		12.8	2.8		
	14	13	0	10	12.8	2.8		13	3		
	15	13	0	10	12.9	2.9		12.8	2.8		
	16	14	0	11	14	3		13.8	2.8		
	17	14	0	11	13.8	2.8		13.8	2.8		
	18	14	0	11	13.9	2.9		14	3		
	19	12	0	10	11.7	1.7		11.8	1.8		
	20	12	0	10	11.8	1.8		11.9	1.9		
FACE	F1	20	0	16.5	19.9	3.4		19.9	3.4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 4						
Location of Structure :					Frame No. 204						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	F2	20	0	16.5	19.7	3.2		19.8	3.3		
	F3	20	0	16.5	19.8	3.3		19.7	3.2		
	F4	18	0	16	17.8	1.8		17.7	1.7		
	F5	12	0	10	11.8	1.8		11.9	1.9		
	F6	18	0	16	17.9	1.9		17.8	1.8		
	F7(S)	12	0	10				11.8	1.8		
INNER BOTTOM PL.	IP1	22.5	0	17.5	19.2	1.7		19.1	1.6		
	IP2	22.5	0	17	19.3	2.3		19.3	2.3		
	IP3	22.5	0	17	19.6	2.6		19.2	2.2		
	IP4	22.5	0	17	19.2	2.2		19.6	2.6		
	IP5	22.5	0	17	19.6	2.6		19.1	2.1		
	IP6	22.5	0	17	19.1	2.1		19.6	2.6		
HOPPER PL.	HP1	22.5	0	17	19.6	2.6		19.5	2.5		
	HP2	20.5	0	15	17.5	2.5		17.6	2.6		
	HP3	19.5	0	14	17.2	3.2		17	3		
	HP4	20	0	14.5	17.5	3		17.3	2.8		
BOTTOM PL.	K	25	0	22	24.8	2.8		24.8	2.8		
	A	25	0	22	24.9	2.9		25	3		
	B	24	0	21	23.8	2.8		23.7	2.7		
	C	24	0	21	23.8	2.8		23.8	2.8		
	D	22	0	19	22	3		21.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 4						
Location of Structure :					Frame No. 204						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	E	20	0	17	19.8	2.8		19.8	2.8		
	F	19.5	0	16.5	19.4	2.9		19.4	2.9		
	G	19.5	0	16.5	19.3	2.8		19.3	2.8		
	H	19.5	0	16.5	19.4	2.9		19.4	2.9		
	I	19.5	0	16.5	19.5	3		19.4	2.9		
	J	18	0	15	17.7	2.7		17.8	2.8		
	L	18	0	14.5	17.8	3.3		17.8	3.3		
	M	19	0	15	18.7	3.7		18.8	3.8		
INNER BOTTOM LONGL.	1	11.5	0	9.5	11.2	1.7		11.2	1.7		
	1a	11.5	0	9.5	11.1	1.6		11.3	1.8		
	2	11.5	0	9.5	11.3	1.8		11.2	1.7		
	4W	11	0	8	10.8	2.8		10.9	2.9		
	4F	18	0	15	17.8	2.8		17.7	2.7		
	5W	11	0	8	10.7	2.7		10.8	2.8		
	5F	18	0	15	17.7	2.7		17.8	2.8		
	6W	11	0	8	10.8	2.8		10.8	2.8		
	6F	18	0	15	17.8	2.8		17.9	2.9		
	8W	11	0	8	10.9	2.9		10.7	2.7		
	8F	18	0	15	17.8	2.8		17.7	2.7		
	9W	11	0	8	10.9	2.9		10.8	2.8		
	9F	18	0	15	17.8	2.8		17.9	2.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 4						
Location of Structure :					Frame No. 204						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	10W	11	0	8	10.8	2.8		10.8	2.8		
	10F	18	0	15	17.7	2.7		17.9	2.9		
	12W	11	0	8	10.7	2.7		10.7	2.7		
	12F	18	0	15	17.9	2.9		17.8	2.8		
	13W	11	0	8	10.8	2.8		10.8	2.8		
	13F	18	0	15	17.9	2.9		17.9	2.9		
	14W	11	0	8	10.8	2.8		10.8	2.8		
	14F	18	0	15	17.9	2.9		17.9	2.9		
	16W	11	0	8	10.8	2.8		10.9	2.9		
	16F	18	0	15	17.9	2.9		17.8	2.8		
	17W	11	0	8	10.8	2.8		10.9	2.9		
	17F	18	0	15	17.9	2.9		17.7	2.7		
	18W	11	0	8	10.8	2.8		10.8	2.8		
	18F	18	0	15	17.9	2.9		17.8	2.8		
HOPPER LONGL	1W	11	0	8	10.8	2.8		10.8	2.8		
	1F	18	0	15	17.9	2.9		17.7	2.7		
	2W	11	0	8	10.7	2.7		10.8	2.8		
	2F	16	0	13	15.9	2.9		15.9	2.9		
	3W	11	0	8	10.8	2.8		10.8	2.8		
	3F	18	0	15	17.7	2.7		17.8	2.8		
	4W	11	0	8	10.8	2.8		10.9	2.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 4						
Location of Structure :					Frame No. 204						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	4F	16	0	13	15.9	2.9		15.9	2.9		
	5W	11	0	8	10.7	2.7		10.9	2.9		
	5F	14	0	11	13.8	2.8		13.8	2.8		
	6W	11	0	8	10.8	2.8		10.8	2.8		
	6F	14	0	11	13.8	2.8		13.8	2.8		
	7W	11	0	8	10.8	2.8		10.7	2.7		
	7F	14	0	11	13.8	2.8		13.7	2.7		
	8W	11	0	8	10.9	2.9		10.8	2.8		
	8F	14	0	11	13.8	2.8		13.8	2.8		
	9W	11	0	8	10.9	2.9		10.9	2.9		
	9F	14	0	11	13.8	2.8		13.9	2.9		
	10W	11	0	8	10.7	2.7		10.7	2.7		
	10F	14	0	11	13.8	2.8		13.8	2.8		
BOTTOM LONGL.	1	10	0	8	9.7	1.7		9.7	1.7		
	2	10	0	8	9.9	1.9		9.9	1.9		
	4W	11	0	8	10.8	2.8		10.8	2.8		
	4F	18	0	15	17.7	2.7		17.8	2.8		
	5W	11	0	8	10.8	2.8		10.7	2.7		
	5F	18	0	15	17.8	2.8		17.9	2.9		
	6W	11	0	8	10.8	2.8		10.8	2.8		
	6F	18	0	15	17.9	2.9		17.9	2.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 4						
Location of Structure :					Frame No. 204						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	8W	11	0	8	10.8	2.8		10.8	2.8		
	8F	18	0	15	17.7	2.7		17.9	2.9		
	9W	11	0	8	10.9	2.9		10.7	2.7		
	9F	18	0	15	17.9	2.9		17.7	2.7		
	10W	11	0	8	10.8	2.8		10.8	2.8		
	10F	18	0	15	17.7	2.7		18	3		
	12W	11	0	8	10.8	2.8		10.9	2.9		
	12F	18	0	15	17.9	2.9		17.8	2.8		
	13W	11	0	8	10.8	2.8		10.7	2.7		
	13F	18	0	15	17.7	2.7		17.7	2.7		
	14W	11	0	8	10.8	2.8		10.8	2.8		
	14F	18	0	15	17.8	2.8		17.9	2.9		
	16W	11	0	8	10.8	2.8		10.8	2.8		
	16F	18	0	15	18	3		17.8	2.8		
	17W	11	0	8	10.8	2.8		10.8	2.8		
	17F	18	0	15	17.7	2.7		17.9	2.9		
	18W	11	0	8	10.8	2.8		10.9	2.9		
	18F	18	0	15	17.9	2.9		17.7	2.7		
	20W	11	0	8	10.8	2.8		10.8	2.8		
	20F	20	0	17	19.8	2.8		19.8	2.8		
	21W	11	0	8	10.7	2.7		10.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 4						
Location of Structure :					Frame No. 204						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	21F	20	0	17	19.7	2.7		19.8	2.8		
	22W	11	0	8	10.8	2.8		10.7	2.7		
	22F	20	0	17	19.9	2.9		19.7	2.7		
	23W	11	0	8	10.8	2.8		10.8	2.8		
	23F	20	0	17	19.7	2.7		19.8	2.8		
	24W	11	0	8	10.8	2.8		10.7	2.7		
	24F	20	0	17	19.9	2.9		19.8	2.8		
	25W	11	0	8	10.7	2.7		10.8	2.8		
	25F	20	0	17	19.8	2.8		19.9	2.9		
SIDE SHELL PL. LONGL.	1W	11	0	8	10.8	2.8		10.8	2.8		
	1F	18	0	15	18	3		16.7	1.7		
	2W	11	0	8	10.7	2.7		10.8	2.8		
	2F	18	0	15	17.8	2.8		17.7	2.7		
	3W	11	0	8	10.8	2.8		10.8	2.8		
	3F	16	0	13	15.9	2.9		15.9	2.9		
	4W	11	0	8	10.7	2.7		10.8	2.8		
	4F	16	0	13	15.9	2.9		15.9	2.9		
	5W	11	0	8	10.8	2.8		10.8	2.8		
	5F	14	0	11	13.8	2.8		13.8	2.8		
	6W	10	0	7	9.7	2.7		10	3		
	6F	14	0	11	13.8	2.8		13.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 4						
Location of Structure :					Frame No. 204						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	7W	10	0	7	9.7	2.7		9.7	2.7		
	7F	14	0	11	13.8	2.8		13.8	2.8		
	8W	10	0	7	9.7	2.7		9.7	2.7		
	8F	14	0	11	13.9	2.9		13.8	2.8		
SIDE GIRDER	3	17.5	0	15	17.5	2.5		17.4	2.4		
	7	14	0	11	13.8	2.8		13.8	2.8		
	11	14	0	11	13.8	2.8		13.8	2.8		
	15	14	0	11	13.7	2.7		13.9	2.9		
	19	14	0	11	13.9	2.9		13.7	2.7		
CENTER GIRDER	0	15.5	0	13.5	15.3	1.8					

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

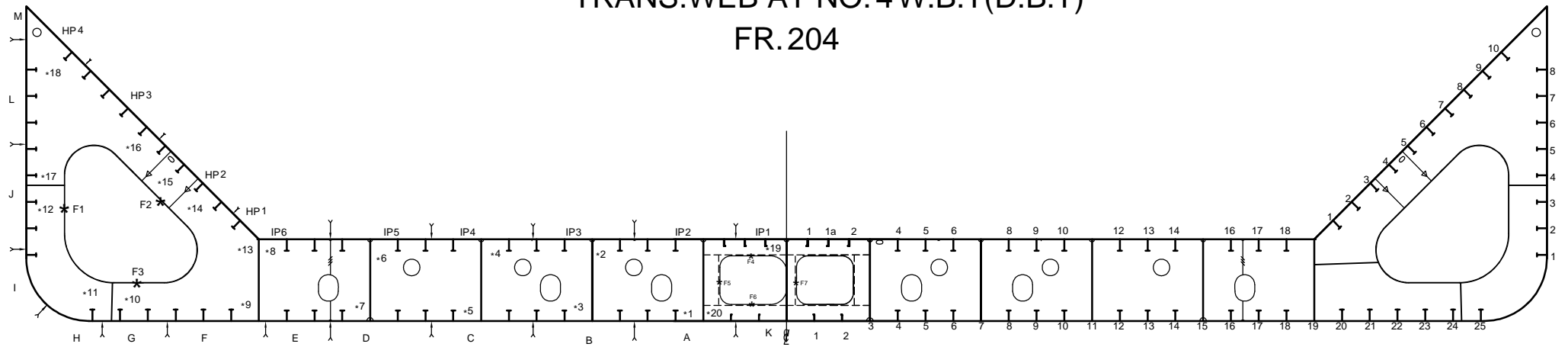
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames - Double Bottom Tank No. 4 TM Sketches

TRANS.WEB AT NO.4 W.B.T(D.B.T)
FR. 204





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

**WB Tanks - Transverse Web Frames -
Double Bottom Tank No. 5**

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 5						
Location of Structure :					Frame No.172						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
WEB	1	14	0	11	13.8	2.8		13.8	2.8		
	2	14	0	11	13.6	2.6		13.9	2.9		
	3	14	0	11	13.9	2.9		13.7	2.7		
	4	14	0	11	13.8	2.8		13.8	2.8		
	5	14	0	11	13.7	2.7		13.7	2.7		
	6	14	0	11	13.7	2.7		13.8	2.8		
	7	17	0	14	16.8	2.8		16.9	2.9		
	8	17	0	14	16.9	2.9		16.8	2.8		
	9	14	0	11	13.7	2.7		13.8	2.8		
	10	14	0	11	13.8	2.8		13.7	2.7		
	11	14	0	11	13.9	2.9		13.8	2.8		
	12	14	0	11	13.8	2.8		13.9	2.9		
	13	14	0	11	13.7	2.7		13.7	2.7		
	14	14	0	11	13.7	2.7		13.8	2.8		
	15	14	0	11	13.8	2.8		13.8	2.8		
	16	14	0	11	13.8	2.8		13.7	2.7		
	17	14	0	11	13.8	2.8		13.8	2.8		
	18	14	0	11	13.9	2.9		13.9	2.9		
	19	12	0	10	11.8	1.8		11.9	1.9		
	20	12	0	10	11.8	1.8		11.8	1.8		
FACE	F1	20	0	16.5	19.9	3.4		19.7	3.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 5						
Location of Structure :					Frame No.172						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	F2	20	0	16.5	20	3.5		19.8	3.3		
	F3	20	0	16.5	19.8	3.3		19.7	3.2		
	F4	18	0	16	17.8	1.8		17.9	1.9		
	F5	12	0	10	11.8	1.8		11.7	1.7		
	F6	18	0	16	17.9	1.9		17.8	1.8		
	F7(S)	12	0	10				11.8	1.8		
INNER BOTTOM PL.	IP1	26	0	21	22.8	1.8		22.9	1.9		
	IP2	26	0	20.5	22.9	2.4		22.5	2		
	IP3	26	0	20.5	22.9	2.4		22.6	2.1		
	IP4	26	0	20.5	22.7	2.2		22.7	2.2		
	IP5	26	0	20.5	22.6	2.1		22.5	2		
	IP6	25.5	0	20	22.5	2.5		22.3	2.3		
HOPPER PL.	HP1	25.5	0	20	22.3	2.3		22.4	2.4		
	HP2	20.5	0	15	17.6	2.6		17.7	2.7		
	HP3	19.5	0	14	17.2	3.2		17	3		
	HP4	20	0	14.5	17.6	3.1		17.6	3.1		
BOTTOM PL.	K	23	0	20	22.8	2.8		22.8	2.8		
	A	23	0	20	22.9	2.9		23	3		
	B	23	0	20	22.8	2.8		22.9	2.9		
	C	21	0	18	20.7	2.7		20.8	2.8		
	D	21	0	18	20.8	2.8		20.9	2.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 5						
Location of Structure :					Frame No.172						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	E	19.5	0	16.5	19.5	3		19.4	2.9		
	F	19.5	0	16.5	19.4	2.9		19.4	2.9		
	G	19.5	0	16.5	19.3	2.8		19.5	3		
	H	19.5	0	16.5	19.4	2.9		19.4	2.9		
	I	19.5	0	16.5	19.3	2.8		19.3	2.8		
	J	18	0	15	17.8	2.8		17.7	2.7		
	L	18	0	14.5	17.8	3.3		17.9	3.4		
	M	22	0	18	21.7	3.7		21.8	3.8		
INNER BOTTOM LONGL.	1	11	0	9	10.8	1.8		10.7	1.7		
	1a	11	0	9	10.9	1.9		10.8	1.8		
	2	11	0	9	10.8	1.8		10.9	1.9		
	4W	12	0	9	11.8	2.8		11.8	2.8		
	4F	22	0	19	21.8	2.8		21.9	2.9		
	5W	12	0	9	11.9	2.9		11.9	2.9		
	5F	22	0	19	21.9	2.9		21.7	2.7		
	6W	12	0	9	11.7	2.7		11.8	2.8		
	6F	22	0	19	21.8	2.8		21.7	2.7		
	8W	12	0	9	11.7	2.7		11.9	2.9		
	8F	22	0	19	21.9	2.9		21.8	2.8		
	9W	12	0	9	11.8	2.8		11.9	2.9		
	9F	22	0	19	21.8	2.8		21.9	2.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 5						
Location of Structure :					Frame No.172						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	10W	12	0	9	11.8	2.8		11.7	2.7		
	10F	22	0	19	21.7	2.7		21.7	2.7		
	12W	12	0	9	11.9	2.9		11.9	2.9		
	12F	22	0	19	21.7	2.7		21.8	2.8		
	13W	12	0	9	11.8	2.8		11.9	2.9		
	13F	22	0	19	21.9	2.9		21.8	2.8		
	14W	12	0	9	11.8	2.8		11.8	2.8		
	14F	22	0	19	21.8	2.8		21.7	2.7		
	16W	12	0	9	11.8	2.8		11.9	2.9		
	16F	22	0	19	21.9	2.9		21.7	2.7		
	17W	12	0	9	11.8	2.8		11.8	2.8		
	17F	22	0	19	21.8	2.8		21.7	2.7		
	18W	12	0	9	11.7	2.7		11.8	2.8		
	18F	22	0	19	21.8	2.8		21.9	2.9		
HOPPER LONGL	1W	11	0	8	10.8	2.8		10.8	2.8		
	1F	18	0	15	17.8	2.8		17.9	2.9		
	2W	11	0	8	10.8	2.8		10.9	2.9		
	2F	16	0	13	15.9	2.9		15.9	2.9		
	3W	11	0	8	10.7	2.7		10.7	2.7		
	3F	18	0	15	17.7	2.7		17.8	2.8		
	4W	11	0	8	10.8	2.8		10.9	2.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 5						
Location of Structure :					Frame No.172						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	4F	16	0	13	15.9	2.9		15.8	2.8		
	5W	11	0	8	10.8	2.8		10.8	2.8		
	5F	14	0	11	13.7	2.7		13.8	2.8		
	6W	11	0	8	10.8	2.8		10.9	2.9		
	6F	14	0	11	13.8	2.8		13.8	2.8		
	7W	11	0	8	10.9	2.9		10.8	2.8		
	7F	14	0	11	13.9	2.9		13.7	2.7		
	8W	11	0	8	10.8	2.8		10.7	2.7		
	8F	14	0	11	13.8	2.8		13.8	2.8		
	9W	11	0	8	10.8	2.8		10.9	2.9		
	9F	14	0	11	13.7	2.7		13.8	2.8		
	10W	11	0	8	10.8	2.8		10.9	2.9		
	10F	14	0	11	13.9	2.9		13.8	2.8		
BOTTOM LONGL.	1	10	0	8	9.7	1.7		9.8	1.8		
	2	10	0	8	9.8	1.8		9.9	1.9		
	4W	11	0	8	10.8	2.8		10.8	2.8		
	4F	18	0	15	17.8	2.8		17.7	2.7		
	5W	11	0	8	10.9	2.9		10.8	2.8		
	5F	18	0	15	17.8	2.8		17.8	2.8		
	6W	11	0	8	10.9	2.9		10.8	2.8		
	6F	18	0	15	17.7	2.7		17.7	2.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 5						
Location of Structure :					Frame No.172						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	8W	11	0	8	10.7	2.7		10.9	2.9		
	8F	18	0	15	17.7	2.7		17.8	2.8		
	9W	11	0	8	10.8	2.8		10.8	2.8		
	9F	18	0	15	17.7	2.7		17.8	2.8		
	10W	11	0	8	10.9	2.9		10.9	2.9		
	10F	18	0	15	17.8	2.8		17.9	2.9		
	12W	11	0	8	10.8	2.8		10.8	2.8		
	12F	18	0	15	17.7	2.7		17.7	2.7		
	13W	11	0	8	10.8	2.8		10.8	2.8		
	13F	18	0	15	17.8	2.8		17.9	2.9		
	14W	11	0	8	10.8	2.8		10.7	2.7		
	14F	18	0	15	17.9	2.9		17.7	2.7		
	16W	11	0	8	10.8	2.8		10.8	2.8		
	16F	18	0	15	17.7	2.7		17.9	2.9		
	17W	11	0	8	10.7	2.7		10.7	2.7		
	17F	18	0	15	17.7	2.7		17.9	2.9		
	18W	11	0	8	10.8	2.8		10.8	2.8		
	18F	18	0	15	17.9	2.9		17.7	2.7		
	20W	11	0	8	10.8	2.8		10.8	2.8		
	20F	20	0	17	19.8	2.8		19.8	2.8		
	21W	11	0	8	10.7	2.7		10.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 5						
Location of Structure :					Frame No.172						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	21F	20	0	17	19.8	2.8		19.9	2.9		
	22W	11	0	8	10.7	2.7		10.7	2.7		
	22F	20	0	17	19.8	2.8		19.8	2.8		
	23W	11	0	8	10.8	2.8		10.8	2.8		
	23F	20	0	17	19.8	2.8		19.8	2.8		
	24W	11	0	8	10.8	2.8		10.7	2.7		
	24F	20	0	17	19.3	2.3		19.7	2.7		
	25W	11	0	8	10.8	2.8		10.8	2.8		
	25F	20	0	17	19.8	2.8		19.8	2.8		
SIDE SHELL PL. LONGL.	1W	11	0	8	10.8	2.8		10.8	2.8		
	1F	18	0	15	17.8	2.8		17.8	2.8		
	2W	11	0	8	10.7	2.7		10.9	2.9		
	2F	18	0	15	17.7	2.7		17.8	2.8		
	3W	11	0	8	10.8	2.8		10.7	2.7		
	3F	16	0	13	15.9	2.9		15.9	2.9		
	4W	11	0	8	10.7	2.7		10.9	2.9		
	4F	16	0	13	15.9	2.9		15.9	2.9		
	5W	11	0	8	10.8	2.8		10.7	2.7		
	5F	14	0	11	13.8	2.8		13.8	2.8		
	6W	10	0	7	9.8	2.8		9.8	2.8		
	6F	14	0	11	13.8	2.8		13.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 5						
Location of Structure :					Frame No.172						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	7W	10	0	7	10.7	3.7		9.8	2.8		
	7F	14	0	11	13.7	2.7		13.8	2.8		
	8W	10	0	7	9.8	2.8		9.9	2.9		
	8F	14	0	11	13.7	2.7		13.7	2.7		
SIDE GIRDER	3	17.5	0	15	17.4	2.4		17.4	2.4		
	7	14	0	11	13.8	2.8		13.8	2.8		
	11	14	0	11	13.8	2.8		13.7	2.7		
	15	14	0	11	13.7	2.7		13.9	2.9		
	19	14	0	11	13.8	2.8		13.7	2.7		
CENTER GIRDER	0	16	0	14	15.7	1.7					

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

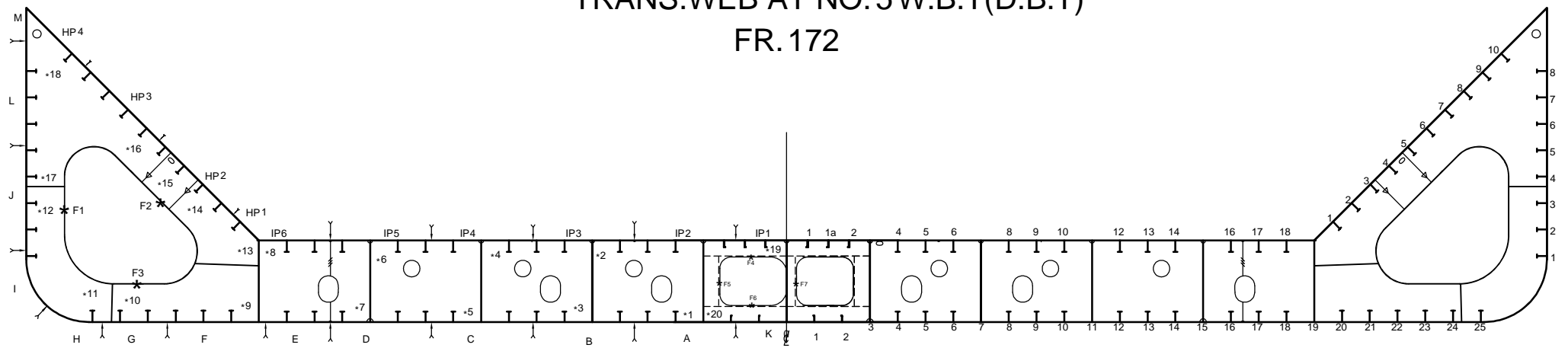
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames - Double Bottom Tank No.
5
TM Sketches

TRANS.WEB AT NO.5W.B.T(D.B.T)
FR.172





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

**WB Tanks - Transverse Web Frames -
Double Bottom Tank No. 6**

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 6						
Location of Structure :					Frame No.143						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
WEB	1	14	0	11	13.6	2.6		13.7	2.7		
	2	14	0	11	13.8	2.8		13.6	2.6		
	3	14	0	11	13.9	2.9		13.7	2.7		
	4	14	0	11	13.8	2.8		13.8	2.8		
	5	14	0	11	13.5	2.5		13.6	2.6		
	6	14	0	11	13.7	2.7		13.8	2.8		
	7	15	0	12	14.8	2.8		14.8	2.8		
	8	15	0	12	14.9	2.9		14.7	2.7		
	9	13	0	10	12.8	2.8		12.8	2.8		
	10	13	0	10	13.7	3.7		13.7	3.7		
	11	13	0	10	12.9	2.9		12.8	2.8		
	12	13	0	10	12.7	2.7		12.8	2.8		
	13	14.5	0	11.5	14.4	2.9		14.4	2.9		
	14	14.5	0	11.5	14.3	2.8		14.3	2.8		
	15	14	0	11	13.8	2.8		13.8	2.8		
	16	14	0	11	13.8	2.8		13.8	2.8		
	17	14	0	11	13.9	2.9		13.9	2.9		
	18	14	0	11	13.9	2.9		14	3		
	19	12	0	10	11.8	1.8		11.8	1.8		
	20	12	0	10	11.7	1.7		11.9	1.9		
FACE	F1	20	0	16.5	19.8	3.3		19.8	3.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 6						
Location of Structure :					Frame No.143						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	F2	20	0	16.5	20	3.5		19.9	3.4		
	F3	20	0	16.5	19.8	3.3		20	3.5		
	F4	18	0	16	17.8	1.8		17.7	1.7		
	F5	12	0	10	11.8	1.8		11.9	1.9		
	F6	18	0	16	17.9	1.9		17.8	1.8		
	F7(S)	12	0	10				11.8	1.8		
INNER BOTTOM PL.	IP1	22.5	0	17	19.5	2.5		19.2	2.2		
	IP2	22.5	0	17	19.6	2.6		19.4	2.4		
	IP3	22.5	0	17	19.4	2.4		19.3	2.3		
	IP4	22.5	0	17	19.8	2.8		19.4	2.4		
	IP5	22.5	0	17	19.2	2.2		19.5	2.5		
	IP6	22.5	0	17	19.4	2.4		19.3	2.3		
HOPPER PL.	HP1	22.5	0	17	19.6	2.6		19.5	2.5		
	HP2	21	0	15.5	18.5	3		18.6	3.1		
	HP3	20.5	0	15	17.8	2.8		17.7	2.7		
	HP4	21.5	0	16	18.5	2.5		18.6	2.6		
BOTTOM PL.	K	23	0	20	22.8	2.8		22.8	2.8		
	A	23	0	20	22.9	2.9		22.7	2.7		
	B	22	0	19	21.8	2.8		21.8	2.8		
	C	19.5	0	16.5	19.4	2.9		19.4	2.9		
	D	19.5	0	16.5	19.5	3		19.3	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 6						
Location of Structure :					Frame No.143						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	E	19.5	0	16.5	19.4	2.9		19.4	2.9		
	F	19.5	0	16.5	19.3	2.8		19.5	3		
	G	19.5	0	16.5	19.4	2.9		19.3	2.8		
	H	19.5	0	16.5	19.4	2.9		19.2	2.7		
	I	19.5	0	16.5	19.4	2.9		19.3	2.8		
	J	18	0	15	17.8	2.8		17.7	2.7		
	L	18	0	14.5	17.8	3.3		17.7	3.2		
	M	23.5	0	19.5	23.4	3.9		23.2	3.7		
INNER BOTTOM LONGL.	1	11.5	0	9.5	11.2	1.7		11.3	1.8		
	1a	11.5	0	9.5	11.2	1.7		11.4	1.9		
	2	11.5	0	9.5	11.2	1.7		11.3	1.8		
	4W	11	0	8	10.8	2.8		10.8	2.8		
	4F	18	0	15	17.8	2.8		17.8	2.8		
	5W	11	0	8	10.7	2.7		10.9	2.9		
	5F	18	0	15	17.8	2.8		17.7	2.7		
	6W	11	0	8	10.8	2.8		10.7	2.7		
	6F	18	0	15	17.9	2.9		17.8	2.8		
	8W	11	0	8	10.7	2.7		10.8	2.8		
	8F	18	0	15	17.7	2.7		17.9	2.9		
	9W	11	0	8	10.8	2.8		10.9	2.9		
	9F	18	0	15	17.8	2.8		17.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 6						
Location of Structure :					Frame No.143						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	10W	11	0	8	11	3		10.8	2.8		
	10F	18	0	15	17.9	2.9		18	3		
	12W	11	0	8	10.8	2.8		10.8	2.8		
	12F	18	0	15	17.9	2.9		17.9	2.9		
	13W	11	0	8	10.8	2.8		10.8	2.8		
	13F	18	0	15	17.8	2.8		17.9	2.9		
	14W	11	0	8	10.8	2.8		10.8	2.8		
	14F	18	0	15	17.9	2.9		17.8	2.8		
	16W	11	0	8	10.8	2.8		10.9	2.9		
	16F	18	0	15	17.9	2.9		18	3		
	17W	11	0	8	10.8	2.8		10.8	2.8		
	17F	18	0	15	17.7	2.7		17.7	2.7		
	18W	11	0	8	10.9	2.9		10.8	2.8		
	18F	18	0	15	17.8	2.8		17.9	2.9		
HOPPER LONGL	1W	11	0	8	10.8	2.8		10.8	2.8		
	1F	18	0	15	17.9	2.9		17.8	2.8		
	2W	11	0	8	11	3		10.9	2.9		
	2F	18	0	15	17.7	2.7		18	3		
	3W	11	0	8	10.8	2.8		10.8	2.8		
	3F	16	0	13	15.9	2.9		15.9	2.9		
	4W	11	0	8	10.8	2.8		10.9	2.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 6						
Location of Structure :					Frame No.143						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	4F	16	0	13	15.9	2.9		15.8	2.8		
	5W	11	0	8	10.8	2.8		10.8	2.8		
	5F	16	0	13	15.9	2.9		15	2		
	6W	11	0	8	10.8	2.8		10.7	2.7		
	6F	16	0	13	15.9	2.9		15.9	2.9		
	7W	11	0	8	10.8	2.8		10.9	2.9		
	7F	16	0	13	15.9	2.9		15.7	2.7		
	8W	11	0	8	10.8	2.8		10.8	2.8		
	8F	16	0	13	15.7	2.7		15.9	2.9		
	9W	11	0	8	10.8	2.8		10.9	2.9		
	9F	16	0	13	15.7	2.7		15.9	2.9		
	10W	11	0	8	10.8	2.8		10.8	2.8		
	10F	14	0	11	13.8	2.8		13.8	2.8		
BOTTOM LONGL.	1	10	0	8	9.8	1.8		9.9	1.9		
	2	10	0	8	9.8	1.8		9.8	1.8		
	4W	11	0	8	10.8	2.8		10.8	2.8		
	4F	18	0	15	17.8	2.8		18	3		
	5W	11	0	8	10.9	2.9		10.8	2.8		
	5F	18	0	15	17.7	2.7		17.8	2.8		
	6W	11	0	8	11	3		10.9	2.9		
	6F	18	0	15	17.8	2.8		17.7	2.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 6						
Location of Structure :					Frame No.143						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	8W	11	0	8	11	3		10.8	2.8		
	8F	18	0	15	17.9	2.9		17.9	2.9		
	9W	11	0	8	10.8	2.8		10.8	2.8		
	9F	18	0	15	17.9	2.9		17.9	2.9		
	10W	11	0	8	11	3		10.8	2.8		
	10F	18	0	15	17.8	2.8		17.7	2.7		
	12W	11	0	8	11	3		10.9	2.9		
	12F	18	0	15	17.9	2.9		17.8	2.8		
	13W	11	0	8	10.8	2.8		10.8	2.8		
	13F	18	0	15	17.9	2.9		17.7	2.7		
	14W	11	0	8	10.8	2.8		10.8	2.8		
	14F	18	0	15	17.8	2.8		18	3		
	16W	11	0	8	10.9	2.9		10.8	2.8		
	16F	18	0	15	18	3		17.7	2.7		
	17W	11	0	8	10.8	2.8		10.9	2.9		
	17F	18	0	15	17.8	2.8		17.7	2.7		
	18W	11	0	8	10.8	2.8		10.8	2.8		
	18F	18	0	15	17.9	2.9		17.9	2.9		
	20W	11	0	8	10.9	2.9		10.8	2.8		
	20F	20	0	17	20	3		19.7	2.7		
	21W	11	0	8	10.8	2.8		10.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 6						
Location of Structure :					Frame No.143						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	21F	20	0	17	19.8	2.8		19.9	2.9		
	22W	11	0	8	10.8	2.8		10.8	2.8		
	22F	20	0	17	19.7	2.7		19.8	2.8		
	23W	11	0	8	10.8	2.8		10.7	2.7		
	23F	20	0	17	19.8	2.8		19.7	2.7		
	24W	11	0	8	10.8	2.8		10.8	2.8		
	24F	20	0	17	19.7	2.7		19.7	2.7		
	25W	11	0	8	10.8	2.8		10.8	2.8		
	25F	20	0	17	19.7	2.7		19.7	2.7		
SIDE SHELL PL. LONGL.	1W	11	0	8	10.8	2.8		10.9	2.9		
	1F	18	0	15	17.8	2.8		17.8	2.8		
	2W	11	0	8	10.8	2.8		10.8	2.8		
	2F	18	0	15	17.9	2.9		17.8	2.8		
	3W	11	0	8	10.8	2.8		10.8	2.8		
	3F	16	0	13	15.9	2.9		15.9	2.9		
	4W	11	0	8	10.7	2.7		10.8	2.8		
	4F	16	0	13	15.9	2.9		15.9	2.9		
	5W	11	0	8	10.8	2.8		10.8	2.8		
	5F	14	0	11	13.8	2.8		13.8	2.8		
	6W	10	0	7	9.7	2.7		9.7	2.7		
	6F	14	0	11	13.8	2.8		13.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 6						
Location of Structure :					Frame No.143						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	7W	10	0	7	9.7	2.7		9.9	2.9		
	7F	14	0	11	13.8	2.8		13.8	2.8		
	8W	10	0	7	9.7	2.7		9.7	2.7		
	8F	14	0	11	13.8	2.8		13.8	2.8		
SIDE GIRDER	3	20.5	0	18	20.4	2.4		20.3	2.3		
	7	20.5	0	17.5	20.3	2.8		20.2	2.7		
	11	20.5	0	17.5	20.5	3		20.3	2.8		
	15	16.5	0	13.5	16.4	2.9		16.3	2.8		
	19	14	0	11	13.8	2.8		13.8	2.8		
CENTER GIRDER	0	19	0	17	18.8	1.8					

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

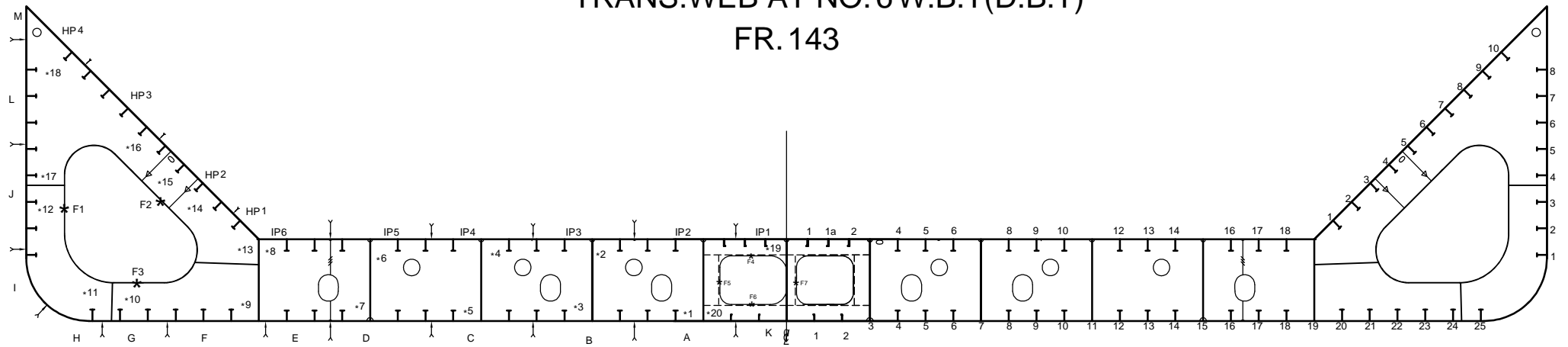
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames - Double Bottom Tank No. 6 TM Sketches

TRANS.WEB AT NO.6W.B.T(D.B.T)
FR. 143





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

**WB Tanks - Transverse Web Frames -
Double Bottom Tank No. 7**

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 7						
Location of Structure :					Frame No.129						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
WEB	1	14	0	11	13.8	2.8		13.7	2.7		
	2	14	0	11	13.6	2.6		13.8	2.8		
	3	14	0	11	13.7	2.7		13.8	2.8		
	4	14	0	11	13.7	2.7		13.9	2.9		
	5	14	0	11	13.8	2.8		13.8	2.8		
	6	14	0	11	13.6	2.6		13.7	2.7		
	7	14	0	11	13.8	2.8		13.8	2.8		
	8	14	0	11	13.8	2.8		13.9	2.9		
	9	14	0	11	13.9	2.9		13.7	2.7		
	10	14	0	11	13.7	2.7		13.6	2.6		
	11	14	0	11	13.5	2.5		13.8	2.8		
	12	14	0	11	13.8	2.8		13.8	2.8		
	13	14	0	11	13.8	2.8		13.7	2.7		
	14	14	0	11	13.7	2.7		13.7	2.7		
	15	14	0	11	13.8	2.8		13.8	2.8		
	16	14	0	11	13.7	2.7		13.8	2.8		
	17	14	0	11	13.9	2.9		14	3		
	18	14	0	11	13.7	2.7		13.9	2.9		
	19	12	0	10	11.8	1.8		11.8	1.8		
	20	12	0	10	11.9	1.9		11.9	1.9		
FACE	F1	20	0	16.5	19.8	3.3		19.7	3.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 7						
Location of Structure :					Frame No.129						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	F2	20	0	16.5	19.7	3.2		19.8	3.3		
	F3	20	0	16.5	19.9	3.4		19.9	3.4		
	F4	18	0	16	17.8	1.8		17.9	1.9		
	F5	12	0	10	11.8	1.8		11.7	1.7		
	F6	18	0	16	17.8	1.8		17.7	1.7		
	F7(S)	12	0	10				11.8	1.8		
INNER BOTTOM PL.	IP1	26	0	21	22.8	1.8		22.8	1.8		
	IP2	26	0	20.5	22.9	2.4		22.6	2.1		
	IP3	26	0	20.5	22.4	1.9		22.4	1.9		
	IP4	26	0	20.5	22.5	2		22.8	2.3		
	IP5	26	0	20.5	23.1	2.6		22.9	2.4		
	IP6	25.5	0	20	23	3		22.7	2.7		
HOPPER PL.	HP1	25.5	0	20	23.2	3.2		23	3		
	HP2	25.5	0	20	23	3		23.1	3.1		
	HP3	25.5	0	20	23.2	3.2		23.2	3.2		
	HP4	25.5	0	20	23.2	3.2		23.1	3.1		
BOTTOM PL.	K	22	0	19	21.8	2.8		21.9	2.9		
	A	22	0	19	22	3		22	3		
	B	22	0	19	21.9	2.9		21.8	2.8		
	C	20	0	17	19.8	2.8		19.9	2.9		
	D	20	0	17	19.7	2.7		19.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 7						
Location of Structure :					Frame No.129						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	E	19	0	16	18.8	2.8		18.7	2.7		
	F	19	0	16	18.7	2.7		18.8	2.8		
	G	19	0	16	18.8	2.8		18.9	2.9		
	H	19	0	16	18.9	2.9		18.9	2.9		
	I	19	0	16	18.8	2.8		18.7	2.7		
	J	17.5	0	14.5	17.4	2.9		17.4	2.9		
	L	17.5	0	14.5	17.3	2.8		17.4	2.9		
	M	27	0	23	26.8	3.8		26.8	3.8		
INNER BOTTOM LONGL.	1	11	0	9	10.8	1.8		10.7	1.7		
	1a	11	0	9	10.9	1.9		10.9	1.9		
	2	11	0	9	10.7	1.7		10.8	1.8		
	4W	12	0	9	11.8	2.8		11.7	2.7		
	4F	22	0	19	21.9	2.9		21.8	2.8		
	5W	12	0	9	11.9	2.9		11.8	2.8		
	5F	22	0	19	21.7	2.7		21.7	2.7		
	6W	12	0	9	11.8	2.8		11.7	2.7		
	6F	22	0	19	21.9	2.9		21.8	2.8		
	8W	12	0	9	11.7	2.7		11.9	2.9		
	8F	22	0	19	21.8	2.8		21.7	2.7		
	9W	12	0	9	11.9	2.9		11.9	2.9		
	9F	22	0	19	21.8	2.8		21.7	2.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 7						
Location of Structure :					Frame No.129						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	10W	12	0	9	11.9	2.9		11.8	2.8		
	10F	22	0	19	21.7	2.7		21.9	2.9		
	12W	12	0	9	11.8	2.8		11.7	2.7		
	12F	22	0	19	21.7	2.7		21.8	2.8		
	13W	12	0	9	11.9	2.9		11.8	2.8		
	13F	22	0	19	21.9	2.9		21.9	2.9		
	14W	12	0	9	11.7	2.7		11.7	2.7		
	14F	22	0	19	21.8	2.8		21.9	2.9		
	16W	12	0	9	11.9	2.9		11.8	2.8		
	16F	22	0	19	21.8	2.8		21.9	2.9		
	17W	12	0	9	11.8	2.8		11.8	2.8		
	17F	22	0	19	21.7	2.7		21.9	2.9		
	18W	12	0	9	11.7	2.7		11.7	2.7		
	18F	22	0	19	21.9	2.9		21.8	2.8		
HOPPER LONGL	1W	11	0	8	10.8	2.8		10.9	2.9		
	1F	18	0	15	17.8	2.8		17.8	2.8		
	2W	11	0	8	10.9	2.9		10.7	2.7		
	2F	16	0	13	15.9	2.9		17.8	4.8		
	3W	11	0	8	10.7	2.7		10.8	2.8		
	3F	18	0	15	17.9	2.9		17.7	2.7		
	4W	11	0	8	10.8	2.8		10.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 7						
Location of Structure :					Frame No.129						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	4F	16	0	11	15.9	4.9		15.9	4.9		
	5W	11	0	8	10.7	2.7		10.8	2.8		
	5F	14	0	11	13.8	2.8		13.7	2.7		
	6W	11	0	8	10.9	2.9		10.9	2.9		
	6F	14	0	11	13.8	2.8		13.8	2.8		
	7W	11	0	8	10.7	2.7		10.7	2.7		
	7F	14	0	11	13.7	2.7		13.8	2.8		
	8W	11	0	8	10.8	2.8		10.9	2.9		
	8F	14	0	11	13.9	2.9		13.8	2.8		
	9W	11	0	8	10.9	2.9		10.9	2.9		
	9F	14	0	11	13.8	2.8		13.7	2.7		
	10W	11	0	8	10.7	2.7		10.8	2.8		
	10F	14	0	11	13.8	2.8		13.9	2.9		
BOTTOM LONGL.	1	10	0	8	9.7	1.7		9.8	1.8		
	2	10	0	8	9.8	1.8		9.7	1.7		
	4W	11	0	8	10.8	2.8		10.8	2.8		
	4F	18	0	15	17.7	2.7		17.7	2.7		
	5W	11	0	8	10.8	2.8		10.9	2.9		
	5F	18	0	15	17.8	2.8		17.8	2.8		
	6W	11	0	8	10.8	2.8		10.7	2.7		
	6F	18	0	15	18	3		17.7	2.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 7						
Location of Structure :					Frame No.129						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	8W	11	0	8	10.9	2.9		10.8	2.8		
	8F	18	0	15	17.7	2.7		17.7	2.7		
	9W	11	0	8	10.8	2.8		10.9	2.9		
	9F	18	0	15	17.7	2.7		17.7	2.7		
	10W	11	0	8	10.9	2.9		10.8	2.8		
	10F	18	0	15	17.7	2.7		17.8	2.8		
	12W	11	0	8	10.8	2.8		10.9	2.9		
	12F	18	0	15	17.8	2.8		17.7	2.7		
	13W	11	0	8	10.9	2.9		10.8	2.8		
	13F	18	0	15	17.7	2.7		17.8	2.8		
	14W	11	0	8	10.8	2.8		10.7	2.7		
	14F	18	0	15	17.7	2.7		17.9	2.9		
	16W	11	0	8	10.7	2.7		10.8	2.8		
	16F	18	0	15	17.8	2.8		17.9	2.9		
	17W	11	0	8	10.7	2.7		10.8	2.8		
	17F	18	0	15	17.8	2.8		17.8	2.8		
	18W	11	0	8	10.9	2.9		10.9	2.9		
	18F	18	0	15	17.9	2.9		17.7	2.7		
	20W	11	0	8	10.8	2.8		10.8	2.8		
	20F	20	0	17	19.8	2.8		19.7	2.7		
	21W	11	0	8	10.9	2.9		10.8	2.8		

● Excessive Diminution
 ● Substantial Corrosion
 ● Renewed As Built
 ● Renewed other than As Built
 ● Missing Reading
 ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 7						
Location of Structure :					Frame No.129						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	21F	20	0	17	19.7	2.7		19.9	2.9		
	22W	11	0	8	10.9	2.9		10.8	2.8		
	22F	20	0	17	19.9	2.9		19.7	2.7		
	23W	11	0	8	10.8	2.8		10.8	2.8		
	23F	20	0	17	19.7	2.7		19.9	2.9		
	24W	11	0	8	10.8	2.8		10.8	2.8		
	24F	20	0	17	19.7	2.7		19.7	2.7		
	25W	11	0	8	10.8	2.8		10.9	2.9		
	25F	20	0	17	19.9	2.9		19.9	2.9		
SIDE SHELL PL. LONGL.	1W	11	0	8	10.7	2.7		10.8	2.8		
	1F	18	0	15	17.8	2.8		17.8	2.8		
	2W	11	0	8	10.8	2.8		10.7	2.7		
	2F	18	0	15	17.9	2.9		17.8	2.8		
	3W	11	0	8	10.8	2.8		10.7	2.7		
	3F	16	0	13	15.9	2.9		15.9	2.9		
	4W	11	0	8	10.8	2.8		10.8	2.8		
	4F	16	0	13	15.9	2.9		15.9	2.9		
	5W	11	0	8	10.9	2.9		10.9	2.9		
	5F	14	0	11	13.7	2.7		13.8	2.8		
	6W	10	0	7	9.8	2.8		9.7	2.7		
	6F	14	0	11	13.8	2.8		13.7	2.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 7						
Location of Structure :					Frame No.129						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	7W	10	0	7	9.7	2.7		9.9	2.9		
	7F	14	0	11	13.9	2.9		13.8	2.8		
	8W	10	0	7	9.9	2.9		9.7	2.7		
	8F	14	0	11	13.8	2.8		13.8	2.8		
	9W	10	0	7	9.9	2.9		9.9	2.9		
	9F	14	0	11	13.8	2.8		13.8	2.8		
SIDE GIRDER	3	22	0	19.5	21.8	2.3		21.7	2.2		
	7	20	0	17	19.9	2.9		19.9	2.9		
	11	18	0	15	17.8	2.8		17.8	2.8		
	15	16	0	13	15.9	2.9		15.9	2.9		
	19	14	0	11	13.8	2.8		13.7	2.7		
CENTER GIRDER	0	18	0	16	17.7	1.7					

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

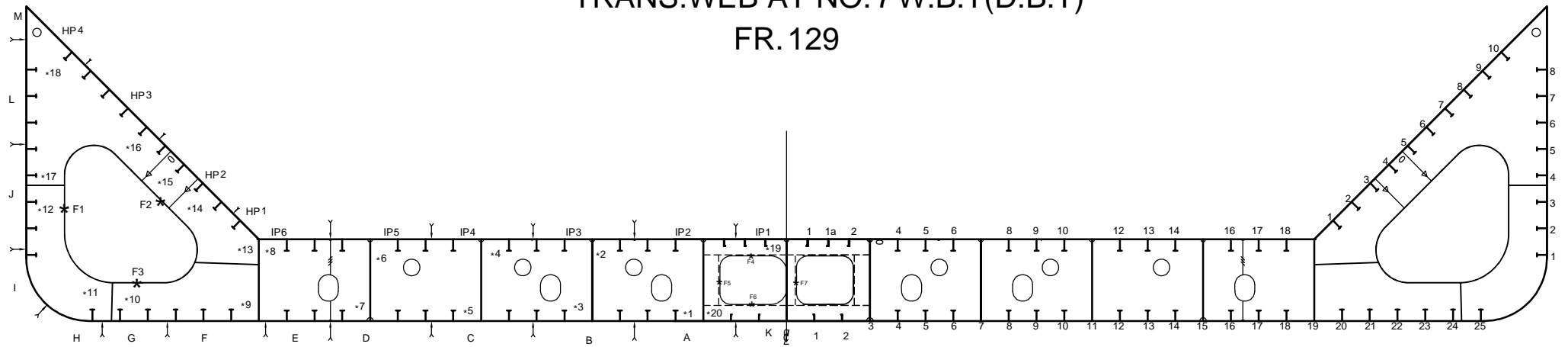
LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames - Double Bottom Tank No. 7

TM Sketches

TRANS.WEB AT NO.7W.B.T(D.B.T)
FR. 129





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

**WB Tanks - Transverse Web Frames -
Double Bottom Tank No. 8**

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 8						
Location of Structure :					Frame No. 100						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
WEB	1	14	0	11	13.6	2.6		13.7	2.7		
	2	14	0	11	13.7	2.7		13.7	2.7		
	3	14	0	11	13.9	2.9		13.6	2.6		
	4	14	0	11	13.7	2.7		13.8	2.8		
	5	14	0	11	13.8	2.8		13.7	2.7		
	6	14	0	11	13.7	2.7		13.8	2.8		
	7	16	0	13	15.8	2.8		15.9	2.9		
	8	16	0	13	15.6	2.6		15.7	2.7		
	9	13	0	10	12.8	2.8		12.8	2.8		
	10	13	0	10	12.9	2.9		12.9	2.9		
	11	13	0	10	12.8	2.8		12.7	2.7		
	12	13	0	10	12.7	2.7		12.8	2.8		
	13	14	0	11	13.8	2.8		13.8	2.8		
	14	14	0	11	13.8	2.8		13.9	2.9		
	15	14	0	11	13.7	2.7		13.7	2.7		
	16	14	0	11	13.9	2.9		13.8	2.8		
	17	12	0	10	11.8	1.8		11.8	1.8		
	18	12	0	10	11.9	1.9		11.8	1.8		
FACE	F1	20	0	16.5	19.7	3.2		19.9	3.4		
	F2	20	0	16.5	19.8	3.3		19.7	3.2		
	F3	18	0	16	17.8	1.8		17.9	1.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 8						
Location of Structure :					Frame No. 100						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	F4	12	0	10	11.8	1.8		11.9	1.9		
	F5	18	0	16	17.8	1.8		17.7	1.7		
	F6(S)	12	0	10				11.8	1.8		
INNER BOTTOM PL.	IP1	22.5	0	17	19.7	2.7		19.6	2.6		
	IP2	22.5	0	17	19.2	2.2		19.3	2.3		
	IP3	22.5	0	17	19.2	2.2		19.2	2.2		
	IP4	22.5	0	17	19.3	2.3		18.9	1.9		
	IP5	22.5	0	17	19.4	2.4		19.1	2.1		
	IP6	22.5	0	17	19.5	2.5		19.2	2.2		
HOPPER PL.	HP1	22.5	0	17	19.6	2.6		19.9	2.9		
	HP2	20.5	0	15	18.2	3.2		19.7	4.7		
	HP3	19.5	0	14	17.2	3.2		17	3		
	HP4	20	0	14.5	18	3.5		18	3.5		
BOTTOM PL.	K	19	0	16	18.9	2.9		18.8	2.8		
	A	18	0	15	17.8	2.8		17.8	2.8		
	B	18	0	15	18	3		18	3		
	C	18	0	15	17.7	2.7		17.9	2.9		
	D	18	0	15	17.8	2.8		17.7	2.7		
	E	18	0	15	17.9	2.9		17.8	2.8		
	F	18	0	15	17.8	2.8		17.7	2.7		
	G	18	0	15	17.7	2.7		17.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 8						
Location of Structure :					Frame No. 100						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	H	18	0	15	17.7	2.7		17.8	2.8		
	I	17.5	0	14.5	17.2	2.7		17.4	2.9		
	J	18	0	14.5	17.8	3.3		17.8	3.3		
	L	23.5	0	19.5	23.4	3.9		23.4	3.9		
INNER BOTTOM LONGL.	1	11.5	0	9.5	11.3	1.8		11.3	1.8		
	1a	11.5	0	9.5	11.2	1.7		11.2	1.7		
	2	11.5	0	9.5	11.4	1.9		11.4	1.9		
	4W	11	0	8	10.8	2.8		10.8	2.8		
	4F	16	0	13	15.9	2.9		15.7	2.7		
	5W	11	0	8	10.7	2.7		10.8	2.8		
	5F	16	0	13	15.9	2.9		15.9	2.9		
	6W	11	0	8	10.7	2.7		10.7	2.7		
	6F	16	0	13	15.7	2.7		15.9	2.9		
	8W	11	0	8	10.8	2.8		10.8	2.8		
	8F	16	0	13	15.7	2.7		15.7	2.7		
	9W	11	0	8	10.8	2.8		10.8	2.8		
	9F	16	0	13	15.9	2.9		15.9	2.9		
	10W	11	0	8	10.9	2.9		10.7	2.7		
	10F	16	0	13	15.9	2.9		15.8	2.8		
	12W	11	0	8	10.8	2.8		10.7	2.7		
	12F	16	0	13	15.7	2.7		15.7	2.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 8						
Location of Structure :					Frame No. 100						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	13W	11	0	8	10.7	2.7		10.9	2.9		
	13F	16	0	13	15.9	2.9		15.9	2.9		
	14W	11	0	8	10.8	2.8		10.8	2.8		
	14F	16	0	13	15.9	2.9		15.9	2.9		
	16W	11	0	8	10.8	2.8		10.7	2.7		
	16F	16	0	13	15.7	2.7		15.9	2.9		
	17W	11	0	8	10.9	2.9		10.8	2.8		
	17F	16	0	13	15.7	2.7		15.9	2.9		
	18W	11	0	8	10.7	2.7		10.9	2.9		
	18F	16	0	13	15.9	2.9		15.7	2.7		
HOPPER LONGL.	1W	11	0	8	10.8	2.8		10.8	2.8		
	1F	18	0	15	17.7	2.7		17.9	2.9		
	2W	11	0	8	10.8	2.8		10.7	2.7		
	2F	16	0	13	15.9	2.9		15.7	2.7		
	3W	11	0	8	10.9	2.9		10.8	2.8		
	3F	18	0	15	17.7	2.7		17.9	2.9		
	4W	11	0	8	10.8	2.8		10.7	2.7		
	4F	16	0	13	15.9	2.9		15.9	2.9		
	5W	11	0	8	10.8	2.8		10.8	2.8		
	5F	14	0	11	13.9	2.9		13.7	2.7		
	6W	11	0	8	10.8	2.8		10.9	2.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 8						
Location of Structure :					Frame No. 100						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	6F	14	0	11	13.7	2.7		13.8	2.8		
	7W	11	0	8	10.8	2.8		10.8	2.8		
	7F	14	0	11	13.9	2.9		13.8	2.8		
	8W	11	0	8	10.8	2.8		10.7	2.7		
	8F	14	0	11	13.7	2.7		13.8	2.8		
	9W	11	0	8	10.9	2.9		10.7	2.7		
	9F	14	0	11	13.8	2.8		13.8	2.8		
	10W	11	0	8	10.8	2.8		10.9	2.9		
	10F	14	0	11	13.7	2.7		13.8	2.8		
BOTTOM LONGL.	1	10	0	8	9.8	1.8		9.9	1.9		
	2	10	0	8	9.9	1.9		9.8	1.8		
	4W	11	0	8	10.7	2.7		10.9	2.9		
	4F	18	0	15	17.7	2.7		17.8	2.8		
	5W	11	0	8	10.8	2.8		10.7	2.7		
	5F	18	0	15	17.8	2.8		17.7	2.7		
	6W	11	0	8	10.9	2.9		10.8	2.8		
	6F	18	0	15	17.7	2.7		17.8	2.8		
	8W	11	0	8	10.8	2.8		10.7	2.7		
	8F	18	0	15	17.7	2.7		17.9	2.9		
	9W	11	0	8	10.9	2.9		10.8	2.8		
	9F	18	0	15	17.8	2.8		17.7	2.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 8						
Location of Structure :					Frame No. 100						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	10W	11	0	8	10.7	2.7		10.8	2.8		
	10F	18	0	15	17.7	2.7		17.9	2.9		
	12W	11	0	8	10.9	2.9		10.7	2.7		
	12F	18	0	15	17.7	2.7		17.9	2.9		
	13W	11	0	8	10.8	2.8		10.7	2.7		
	13F	18	0	15	17.7	2.7		17.8	2.8		
	14W	11	0	8	10.9	2.9		10.9	2.9		
	14F	18	0	15	17.6	2.6		17.9	2.9		
	16W	11	0	8	10.8	2.8		10.7	2.7		
	16F	18	0	15	17.8	2.8		17.7	2.7		
	17W	11	0	8	10.9	2.9		10.9	2.9		
	17F	18	0	15	17.8	2.8		17.8	2.8		
	18W	11	0	8	10.7	2.7		10.9	2.9		
	18F	18	0	15	17.7	2.7		17.7	2.7		
	20W	11	0	8	10.9	2.9		10.8	2.8		
	20F	20	0	17	19.8	2.8		19.8	2.8		
	21W	11	0	8	10.8	2.8		10.7	2.7		
	21F	20	0	17	19.7	2.7		19.9	2.9		
	22W	11	0	8	10.8	2.8		10.8	2.8		
	22F	20	0	17	19.7	2.7		19.9	2.9		
	23W	11	0	8	10.8	2.8		10.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 8						
Location of Structure :					Frame No. 100						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	23F	20	0	17	19.9	2.9		19.7	2.7		
	24W	11	0	8	10.8	2.8		10.8	2.8		
	24F	20	0	17	19.9	2.9		19.8	2.8		
	25W	11	0	8	10.9	2.9		10.7	2.7		
	25F	20	0	17	19.7	2.7		20	3		
SIDE SHELL PL. LONGL.	1W	11	0	8	10.8	2.8		10.8	2.8		
	1F	18	0	15	17.7	2.7		17.8	2.8		
	2W	11	0	8	10.7	2.7		10.7	2.7		
	2F	18	0	15	17.8	2.8		17.9	2.9		
	3W	11	0	8	10.7	2.7		10.8	2.8		
	3F	18	0	15	17.7	2.7		17.9	2.9		
	4W	11	0	8	10.8	2.8		10.7	2.7		
	4F	16	0	13	15.9	2.9		15.9	2.9		
	5W	11	0	8	10.7	2.7		10.8	2.8		
	5F	16	0	13	15.9	2.9		15.9	2.9		
	6W	11	0	8	10.9	2.9		10.8	2.8		
	6F	14	0	11	13.8	2.8		13.8	2.8		
	7W	10	0	7	10.9	3.9		9.7	2.7		
	7F	14	0	11	13.8	2.8		13.8	2.8		
	8W	10	0	7	10.9	3.9		9.7	2.7		
	8F	14	0	11	13.8	2.8		13.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

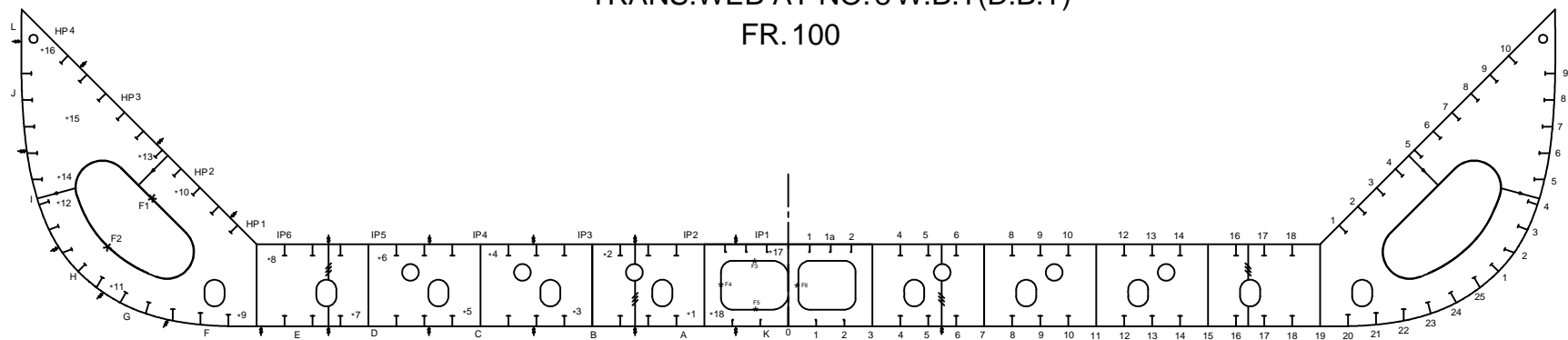
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames - Double Bottom Tank No. 8 TM Sketches

TRANS.WEB AT NO.8 W.B.T(D.B.T)
FR. 100





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

**WB Tanks - Transverse Web Frames -
Double Bottom Tank No. 9**

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 9						
Location of Structure :					Frame No.71						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
WEB PL.	1	14	0	11	13.7	2.7		13.6	2.6		
	2	14	0	11	13.6	2.6		13.8	2.8		
	3	14	0	11	13.7	2.7		13.7	2.7		
	4	14	0	11	13.6	2.6		13.8	2.8		
	5	14	0	11	13.7	2.7		13.7	2.7		
	6	14	0	11	13.6	2.6		13.6	2.6		
	7	14	0	11	13.7	2.7		13.9	2.9		
	8	14	0	11	13.6	2.6		13.7	2.7		
	9	14	0	11	13.8	2.8		13.8	2.8		
	10	14	0	11	13.7	2.7		13.9	2.9		
	11	14	0	11	13.9	2.9		13.8	2.8		
	12	14	0	11	13.8	2.8		13.7	2.7		
	13	12	0	10	11.8	1.8		11.8	1.8		
	14	12	0	10	11.7	1.7		11.7	1.7		
FACE PL.	F1	18	0	16	17.8	1.8		17.8	1.8		
	F2	12	0	10	11.8	1.8		11.8	1.8		
	F3	18	0	16	17.8	1.8		17.9	1.9		
	F4(S)	12	0	10				11.7	1.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 9						
Location of Structure :					Frame No.71						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
INNER BOTTOM PL.	IP1	26	0	20.5	22.9	2.4		23.1	2.6		
	IP2	26	0	20.5	22.8	2.3		22.8	2.3		
	IP3	26	0	20.5	22.9	2.4		22.7	2.2		
	IP4	26	0	20.5	22.6	2.1		22.9	2.4		
	IP5	26	0	20.5	22.4	1.9		22.8	2.3		
	IP6	26	0	20.5	22.8	2.3		22.7	2.2		
HOPPER PL.	HP1	26	0	20.5	23.6	3.1		23.2	2.7		
	HP2	21.5	0	16.5	19.2	2.7		19.2	2.7		
	HP3	20.5	0	15	18.1	3.1		18.2	3.2		
	HP4	20	0	14.5	18.2	3.7		18	3.5		
	HP5	19	0	13.5	17.2	3.7		17.3	3.8		
BOTTM PL.	K	19	0	16	18.9	2.9		18.8	2.8		
	A	17.5	0	14.5	17.4	2.9		17.4	2.9		
	B	17.5	0	14.5	17.5	3		17.3	2.8		
	C	17.5	0	14.5	17.3	2.8		17.4	2.9		
	D	17.5	0	14.5	17.4	2.9		17.3	2.8		
	E	17.5	0	14.5	17.3	2.8		17.2	2.7		
	F	17.5	0	14.5	17.2	2.7		17.4	2.9		
	G	17.5	0	14.5	17.4	2.9		17.3	2.8		
	H	17.5	0	14	17.3	3.3		17.4	3.4		
	I	17.5	0	14	17.5	3.5		17.3	3.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 9						
Location of Structure :					Frame No.71						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	J	30	0	26	29.8	3.8		29.9	3.9		
INNER BOTTOM LONGL.	1	11	0	9	10.8	1.8		11	2		
	1a	11	0	9	10.7	1.7		10.8	1.8		
	2	11	0	9	10.7	1.7		10.9	1.9		
	4W	12	0	9	11.8	2.8		11.8	2.8		
	4F	22	0	19	21.8	2.8		21.7	2.7		
	5W	12	0	9	11.8	2.8		12	3		
	5F	22	0	19	21.9	2.9		21.7	2.7		
	6W	12	0	9	11.7	2.7		11.8	2.8		
	6F	22	0	19	21.7	2.7		21.9	2.9		
	8W	13	0	10	12.8	2.8		12.8	2.8		
	8F	22	0	19	21.9	2.9		21.7	2.7		
	9W	13	0	10	12.7	2.7		12.8	2.8		
	9F	22	0	19	21.9	2.9		21.7	2.7		
	10W	13	0	10	12.7	2.7		12.9	2.9		
	10F	22	0	19	21.8	2.8		21.7	2.7		
	12W	13	0	10	12.7	2.7		12.9	2.9		
	12F	22	0	19	21.8	2.8		21.7	2.7		
	13W	13	0	10	12.7	2.7		12.8	2.8		
	13F	22	0	19	21.9	2.9		21.7	2.7		
	18W	13	0	10	12.9	2.9		13	3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 9						
Location of Structure :					Frame No.71						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	18F	22	0	19	21.7	2.7		21.9	2.9		
HOPPER LONGL.	1W	11	0	8	10.9	2.9		10.8	2.8		
	1F	18	0	15	17.8	2.8		17.8	2.8		
	2W	11	0	8	10.9	2.9		10.9	2.9		
	2F	16	0	13	15.9	2.9		15.9	2.9		
	3W	11	0	8	10.8	2.8		10.7	2.7		
	3F	18	0	15	17.8	2.8		17.7	2.7		
	4W	11	0	8	10.7	2.7		10.8	2.8		
	4F	16	0	13	15.7	2.7		15.9	2.9		
	5W	11	0	8	10.9	2.9		10.8	2.8		
	5F	15	0	12	14.8	2.8		14.9	2.9		
	6W	11	0	8	10.7	2.7		10.7	2.7		
	6F	15	0	12	14.8	2.8		14.8	2.8		
	7W	11	0	8	10.9	2.9		10.9	2.9		
	7F	15	0	12	14.7	2.7		14.8	2.8		
	8W	11	0	8	10.8	2.8		10.8	2.8		
	8F	14	0	11	13.8	2.8		13.8	2.8		
	9W	11	0	8	10.9	2.9		10.7	2.7		
	9F	14	0	11	13.8	2.8		13.9	2.9		
	10W	11	0	8	10.9	2.9		10.8	2.8		
	10F	14	0	11	13.7	2.7		13.7	2.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 9						
Location of Structure :					Frame No.71						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	11W	11	0	8	10.7	2.7		10.8	2.8		
	11F	14	0	11	13.8	2.8		13.9	2.9		
	12W	11	0	8	10.7	2.7		10.7	2.7		
	12F	14	0	11	13.7	2.7		13.9	2.9		
	13W	11	0	8	10.9	2.9		10.7	2.7		
	13F	14	0	11	13.9	2.9		13.9	2.9		
BOTTOM LONGL.	1	10	0	8	9.9	1.9		9.9	1.9		
	2	10	0	8	9.7	1.7		9.8	1.8		
	4W	11	0	8	10.8	2.8		10.7	2.7		
	4F	18	0	15	17.8	2.8		17.7	2.7		
	5W	11	0	8	10.9	2.9		10.8	2.8		
	5F	18	0	15	17.7	2.7		17.7	2.7		
	6W	11	0	8	10.7	2.7		10.8	2.8		
	6F	18	0	15	17.8	2.8		17.9	2.9		
	8W	11	0	8	10.7	2.7		10.8	2.8		
	8F	18	0	15	17.9	2.9		17.8	2.8		
	9W	11	0	8	10.8	2.8		10.9	2.9		
	9F	18	0	15	17.8	2.8		17.7	2.7		
	10W	11	0	8	10.9	2.9		10.8	2.8		
	10F	18	0	15	17.8	2.8		17.7	2.7		
	12W	11	0	8	10.7	2.7		10.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 9						
Location of Structure :					Frame No.71						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	12F	18	0	15	17.7	2.7		17.7	2.7		
	13W	11	0	8	10.9	2.9		10.9	2.9		
	13F	18	0	15	17.7	2.7		17.8	2.8		
	18W	11	0	8	10.8	2.8		10.9	2.9		
	18F	18	0	15	17.9	2.9		17.7	2.7		
	20W	10	0	8	9.8	1.8		9.7	1.7		
	20F	20	0	17	19.7	2.7		19.8	2.8		
	21W	11	0	8	10.8	2.8		10.8	2.8		
	21F	20	0	17	19.9	2.9		20	3		
	22W	11	0	8	10.7	2.7		10.9	2.9		
	22F	20	0	17	19.8	2.8		19.7	2.7		
	23W	11	0	8	10.7	2.7		10.7	2.7		
	23F	20	0	17	19.9	2.9		19.9	2.9		
	24W	11	0	8	10.8	2.8		10.7	2.7		
	24F	20	0	17	19.7	2.7		19.9	2.9		
SIDE SHELL PL. LONGL.	1W	11	0	8	10.8	2.8		10.8	2.8		
	1F	18	0	15	17.8	2.8		17.8	2.8		
	2W	11	0	8	10.9	2.9		10.7	2.7		
	2F	18	0	15	17.7	2.7		17.8	2.8		
	3W	11	0	8	10.8	2.8		10.7	2.7		
	3F	16	0	13	15.9	2.9		15.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Double Bottom Tank No. 9						
Location of Structure :					Frame No.71						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	4W	11	0	8	10.7	2.7		10.8	2.8		
	4F	16	0	13	15.9	2.9		15.9	2.9		
	5W	11	0	8	10.8	2.8		10.9	2.9		
	5F	14	0	11	13.7	2.7		13.8	2.8		
	6W	10	0	7	9.8	2.8		9.9	2.9		
	6F	14	0	11	13.9	2.9		13.8	2.8		
	7W	10	0	7	9.9	2.9		9.7	2.7		
	7F	14	0	11	13.8	2.8		13.8	2.8		
	8W	10	0	7	9.7	2.7		9.7	2.7		
	8F	14	0	11	13.8	2.8		13.8	2.8		
	9W	10	0	7	9.7	2.7		9.9	2.9		
	9F	14	0	11	13.8	2.8		13.7	2.7		
SIDE GIRDER	3	25	0	22.5	24.7	2.2		24.8	2.3		
	7	20	0	17	19.8	2.8		19.9	2.9		
	11	20	0	17	19.7	2.7		19.7	2.7		
	19	13	0	10	12.8	2.8		12.7	2.7		
CENTER GIRDER	0	22	0	20	21.7	1.7					

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

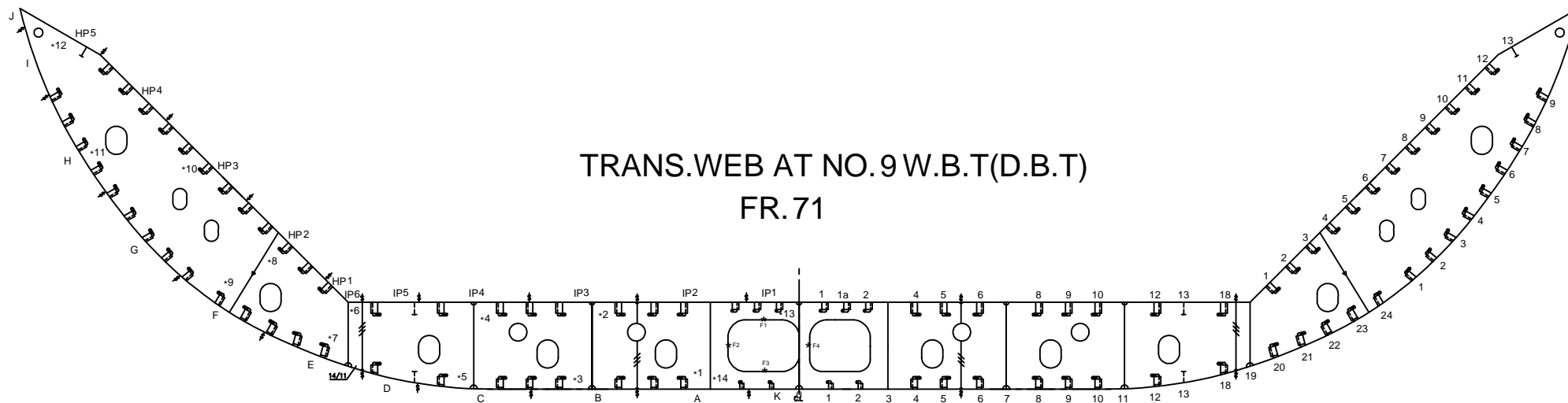
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames - Double Bottom Tank No. 9 TM Sketches

TRANS.WEB AT NO.9 W.B.T(D.B.T)
FR. 71





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames -
Topside Tank No. 1

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 1						
Location of Structure :					Frame No. 282						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
WEB PLATE	1	14	0	10	13.6	3.6		13.7	3.7		
	2	14	0	10	13.8	3.8		13.8	3.8		
	3	14	0	10	13.9	3.9		13.6	3.6		
	4	14	0	10	13.8	3.8		13.9	3.9		
	5	14	0	10	13.7	3.7		13.8	3.8		
	6	14	0	10	13.8	3.8		13.7	3.7		
	7	14	0	10	13.8	3.8		13.8	3.8		
	8	13	0	10	12.8	2.8		12.8	2.8		
	9	13	0	10	12.7	2.7		12.9	2.9		
	10	13	0	10	12.8	2.8		12.8	2.8		
FACE PLATE	F1	25	0	21.5	24.8	3.3		24.7	3.2		
	F2	25	0	21.5	24.7	3.2		24.8	3.3		
	F3	25	0	21.5	24.8	3.3		24.9	3.4		
DECK LONGI.	1	28	0	24	27.8	3.8		27.7	3.7		
	2	28	0	24	27.7	3.7		27.9	3.9		
	3	28	0	24	27.9	3.9		27.7	3.7		
	4	28	0	24	27.8	3.8		27.8	3.8		
	5	28	0	24	27.8	3.8		27.7	3.7		
	6	28	0	24	27.7	3.7		27.9	3.9		
	7	28	0	24	27.9	3.9		27.8	3.8		
	8	28	0	24	27.8	3.8		27.7	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 1						
Location of Structure :					Frame No. 282						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	9	28	0	24	27.7	3.7		27.7	3.7		
	10	28	0	24	27.7	3.7		27.8	3.8		
	11	28	0	24	27.9	3.9		27.9	3.9		
	12	28	0	24	27.8	3.8		27.8	3.8		
	13	28	0	24	27.9	3.9		27.7	3.7		
T.S.T BOTTOM LONGI.	1	20	0	16	19.8	3.8		19.8	3.8		
	2W	11	0	7	10.8	3.8		10.8	3.8		
	F	20	0	16	19.8	3.8		19.7	3.7		
	3W	11	0	7	10.7	3.7		10.8	3.8		
	F	20	0	16	19.8	3.8		19.9	3.9		
	4W	11	0	7	10.8	3.8		10.8	3.8		
	F	20	0	16	19.7	3.7		19.8	3.8		
	5W	11	0	7	10.8	3.8		10.8	3.8		
	F	20	0	16	19.8	3.8		19.7	3.7		
	6W	11	0	8	10.7	2.7		10.7	2.7		
	F	22	0	19	21.8	2.8		21.8	2.8		
	7W	11	0	8	10.9	2.9		10.8	2.8		
	F	22	0	19	21.8	2.8		21.7	2.7		
	8W	11	0	8	10.8	2.8		10.9	2.9		
	F	22	0	19	21.9	2.9		21.8	2.8		
	9W	11	0	8	10.9	2.9		10.7	2.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 1						
Location of Structure :					Frame No. 282						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	F	22	0	19	21.7	2.7		21.8	2.8		
	10W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.8	2.8		21.9	2.9		
	11W	11	0	8	10.7	2.7		10.7	2.7		
	F	22	0	19	21.8	2.8		21.8	2.8		
	12W	11	0	8	10.7	2.7		10.8	2.8		
	F	22	0	19	21.8	2.8		21.7	2.7		
	13W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.9	2.9		21.8	2.8		
	14W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.9	2.9		21.9	2.9		
	15W	11	0	8	10.7	2.7		10.7	2.7		
	F	22	0	19	21.8	2.8		21.8	2.8		
SIDE SHELL LONGI.	9W	11	0	8	10.7	2.7		10.9	2.9		
	F	22	0	19	21.8	2.8		21.8	2.8		
	10W	11	0	8	10.9	2.9		10.9	2.9		
	F	22	0	19	21.8	2.8		21.7	2.7		
	11W	11	0	8	10.9	2.9		10.8	2.8		
	F	22	0	19	21.8	2.8		21.7	2.7		
	12W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.9	2.9		21.9	2.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 1						
Location of Structure :					Frame No. 282						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	13W	13	0	9	12.8	3.8		12.8	3.8		
	F	22	0	18	21.9	3.9		21.9	3.9		
	14W	13	0	9	12.8	3.8		12.9	3.9		
	F	22	0	18	21.8	3.8		21.7	3.7		
DECK PL.	DK1	16	0	12	15.9	3.9		15.9	3.9		
	DK2	16	0	12	15.8	3.8		15.8	3.8		
	DK3	16	0	12	15.8	3.8		15.8	3.8		
	DK4	16	0	12	15.7	3.7		15.9	3.9		
DECK GIRDER	DG	16	0	12	15.8	3.8		15.7	3.7		
SLOPING PL.	TP1	16	0	12	15.7	3.7		15.8	3.8		
	TP2	16	0	12	15.8	3.8		15.8	3.8		
	TP3	15	0	11.5	14.8	3.3		14.8	3.3		
SLOPING PL.	TP4	15	0	11.5	14.9	3.4		14.9	3.4		
SIDE SHELL PLATE	S	21	0	17.5	20.8	3.3		20.8	3.3		
	R	18	0	14.5	17.8	3.3		17.7	3.2		
	Q	18	0	15	17.8	2.8		17.8	2.8		
	P	26.5	0	22.5	26.4	3.9		26.3	3.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

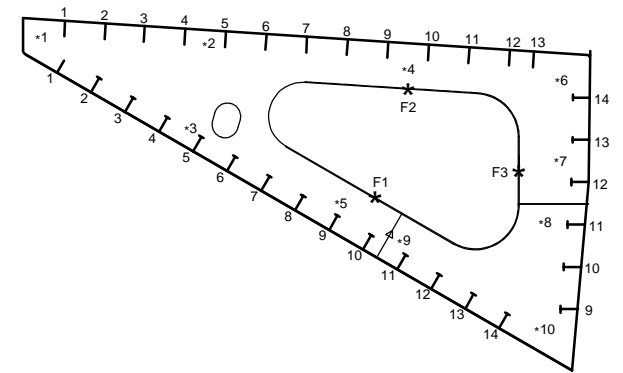
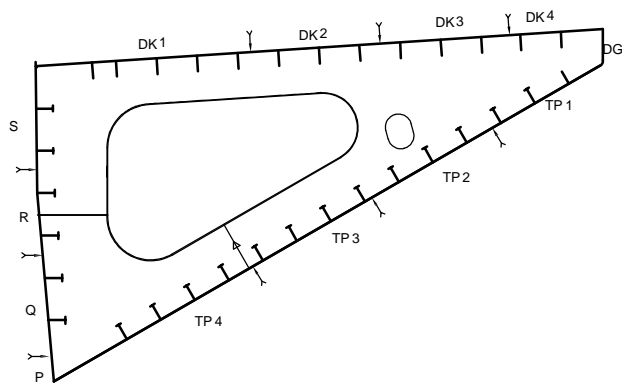
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames - Topside Tank No. 1 TM Sketches

TRANS.WEB AT NO.1 W.B.T(T.S.T)
FR.282





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames -
Topside Tank No. 2

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 2						
Location of Structure :					Frame No. 259						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
WEB PLATE	1	14	0	10	13.8	3.8		13.6	3.6		
	2	14	0	10	13.5	3.5		13.8	3.8		
	3	14	0	10	13.8	3.8		13.7	3.7		
	4	14	0	10	13.9	3.9		13.9	3.9		
	5	14	0	10	13.7	3.7		13.8	3.8		
	6	14	0	10	13.8	3.8		13.7	3.7		
	7	14	0	10	13.8	3.8		13.7	3.7		
	8	14	0	10	13.7	3.7		13.8	3.8		
	9	14	0	10	13.8	3.8		13.8	3.8		
	10	13	0	10	12.8	2.8		12.8	2.8		
	11	13	0	10	12.9	2.9		12.9	2.9		
	12	13	0	10	12.7	2.7		12.8	2.8		
FACE PLATE	F1	25	0	21.5	24.8	3.3		24.8	3.3		
	F2	25	0	21.5	24.7	3.2		24.8	3.3		
	F3	25	0	21.5	24.8	3.3		24.7	3.2		
DECK LONGI.	1	28	0	24	27.7	3.7		27.7	3.7		
	2	28	0	24	27.8	3.8		27.8	3.8		
	3	28	0	24	27.9	3.9		27.8	3.8		
	4	28	0	24	27.8	3.8		27.9	3.9		
	5	28	0	24	27.7	3.7		27.7	3.7		
	6	28	0	24	27.8	3.8		27.8	3.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 2						
Location of Structure :					Frame No. 259						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	7	28	0	24	27.7	3.7		27.9	3.9		
	8	28	0	24	27.8	3.8		27.7	3.7		
	9	28	0	24	27.7	3.7		27.8	3.8		
	10	28	0	24	27.9	3.9		27.9	3.9		
	11	28	0	24	27.8	3.8		27.8	3.8		
	12	28	0	24	27.8	3.8		27.7	3.7		
	13	28	0	24	27.8	3.8		27.8	3.8		
T.S.T BOTTOM LONGI.	1	24	0	20	23.8	3.8		23.8	3.8		
	2W	11	0	7	10.8	3.8		10.8	3.8		
	F	20	0	16	19.8	3.8		19.8	3.8		
	3W	11	0	7	10.8	3.8		10.7	3.7		
	F	20	0	16	19.9	3.9		19.7	3.7		
	4W	11	0	7	10.7	3.7		10.8	3.8		
	F	20	0	16	19.7	3.7		19.8	3.8		
	5W	11	0	7	10.8	3.8		10.8	3.8		
	F	20	0	16	19.9	3.9		19.8	3.8		
	6W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.8	2.8		21.8	2.8		
	7W	11	0	8	10.8	2.8		10.7	2.7		
	F	22	0	19	21.7	2.7		21.8	2.8		
	8W	11	0	8	10.9	2.9		10.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 2						
Location of Structure :					Frame No. 259						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	F	22	0	19	21.8	2.8		21.7	2.7		
	9W	11	0	8	10.8	2.8		10.9	2.9		
	F	22	0	19	21.8	2.8		21.7	2.7		
	10W	11	0	8	10.7	2.7		10.7	2.7		
	F	22	0	19	21.7	2.7		21.8	2.8		
	11W	11	0	8	10.9	2.9		10.7	2.7		
	F	22	0	19	21.7	2.7		21.9	2.9		
	12W	11	0	8	10.9	2.9		10.8	2.8		
	F	22	0	19	21.8	2.8		21.9	2.9		
	13W	11	0	8	10.9	2.9		10.9	2.9		
	F	22	0	19	21.8	2.8		21.8	2.8		
	14W	11	0	8	10.8	2.8		10.7	2.7		
	F	22	0	19	21.9	2.9		21.8	2.8		
	15W	11	0	8	10.9	2.9		10.9	2.9		
	F	22	0	19	21.9	2.9		21.7	2.7		
SIDE SHELL LONGI.	9W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.9	2.9		21.9	2.9		
	10W	11	0	8	10.8	2.8		10.7	2.7		
	F	22	0	19	21.8	2.8		21.7	2.7		
	11W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.7	2.7		21.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 2						
Location of Structure :					Frame No. 259						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	12W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.9	2.9		21.9	2.9		
	13W	13	0	9	12.8	3.8		12.8	3.8		
	F	22	0	18	21.8	3.8		21.8	3.8		
	14W	13	0	9	12.9	3.9		12.8	3.8		
	F	22	0	18	21.8	3.8		21.9	3.9		
DECK PLATE	DK1	20	0	16	19.8	3.8		19.8	3.8		
	DK2	20	0	16	19.7	3.7		19.8	3.8		
	DK3	20	0	16	19.8	3.8		19.8	3.8		
	DK4	20	0	16	19.8	3.8		19.7	3.7		
	DK5	20	0	16	19.8	3.8		19.8	3.8		
DECK GIRDER	DG	16	0	12	15.8	3.8		15.8	3.8		
T.S.T BOTTOM PLATE	TP1	16	0	12	15.9	3.9		15.9	3.9		
	TP2	16	0	12	15.7	3.7		15.8	3.8		
	TP3	15	0	11.5	14.8	3.3		14.8	3.3		
	TP4	15	0	11.5	14.8	3.3		14.9	3.4		
	TP5	15	0	11.5	14.9	3.4		14.7	3.2		
SIDE SHELL PLATE	P	20.5	0	16.5	20.4	3.9		20.4	3.9		
	Q	18	0	15	17.7	2.7		17.7	2.7		
	R	18	0	15	17.8	2.8		17.8	2.8		
	S	21	0	17.5	20.9	3.4		20.8	3.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

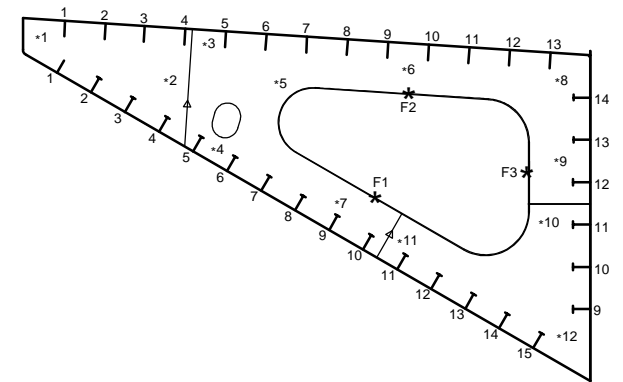
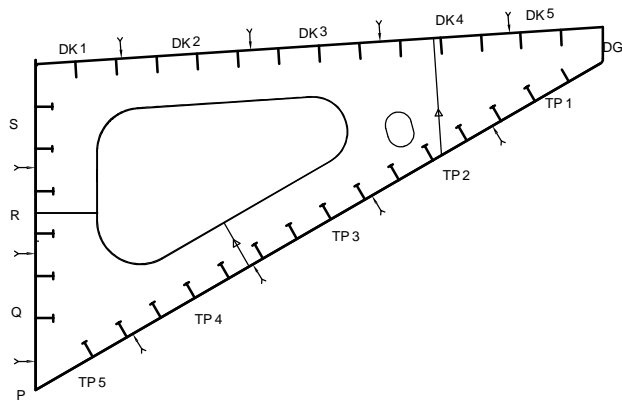
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames - Topside Tank No. 2 TM Sketches

TRANS.WEB AT NO.2 W.B.T(T.S.T)
FR.259





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames -
Topside Tank No. 3

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 3						
Location of Structure :					Frame No. 230						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
WEB PLATE	1	14	0	10	13.7	3.7		13.8	3.8		
	2	14	0	10	13.8	3.8		13.8	3.8		
	3	14	0	10	13.7	3.7		13.7	3.7		
	4	14	0	10	13.8	3.8		13.8	3.8		
	5	14	0	10	13.9	3.9		13.9	3.9		
	6	14	0	10	13.9	3.9		13.8	3.8		
	7	14	0	10	13.8	3.8		13.7	3.7		
	8	14	0	10	13.8	3.8		13.8	3.8		
	9	14	0	10	13.8	3.8		13.8	3.8		
	10	13	0	10	12.8	2.8		12.8	2.8		
	11	13	0	10	12.9	2.9		12.9	2.9		
	12	13	0	10	12.7	2.7		12.9	2.9		
FACE PLATE	F1	25	0	21.5	24.8	3.3		24.8	3.3		
	F2	25	0	21.5	24.8	3.3		24.9	3.4		
	F3	25	0	21.5	24.7	3.2		24.9	3.4		
DECK LONGI.	1	30	0	26	29.8	3.8		29.9	3.9		
	2	30	0	26	29.8	3.8		29.7	3.7		
	3	30	0	26	29.7	3.7		29.8	3.8		
	4	30	0	26	29.8	3.8		29.8	3.8		
	5	30	0	26	29.8	3.8		29.8	3.8		
	6	30	0	26	29.7	3.7		29.7	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 3						
Location of Structure :					Frame No. 230						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	7	30	0	26	29.8	3.8		29.8	3.8		
	8	30	0	26	29.8	3.8		29.7	3.7		
	9	30	0	26	29.7	3.7		29.8	3.8		
	10	30	0	26	29.8	3.8		29.8	3.8		
	11	30	0	26	29.8	3.8		29.8	3.8		
	12	30	0	26	29.7	3.7		29.7	3.7		
	13	30	0	26	29.8	3.8		29.8	3.8		
T.S.T BOTTOM LONGI.	1	20	0	16	19.8	3.8		19.8	3.8		
	2W	11	0	7	10.8	3.8		10.8	3.8		
	F	20	0	16	19.8	3.8		19.8	3.8		
	3W	11	0	7	10.7	3.7		10.8	3.8		
	F	20	0	16	19.8	3.8		19.8	3.8		
	4W	11	0	7	10.7	3.7		10.7	3.7		
	F	20	0	16	19.7	3.7		19.8	3.8		
	5W	11	0	7	10.8	3.8		10.7	3.7		
	F	20	0	16	19.7	3.7		19.8	3.8		
	6W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.8	2.8		21.8	2.8		
	7W	11	0	8	10.7	2.7		10.9	2.9		
	F	22	0	19	21.8	2.8		21.8	2.8		
	8W	11	0	8	10.9	2.9		10.9	2.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 3						
Location of Structure :					Frame No. 230						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	F	22	0	19	21.8	2.8		21.8	2.8		
	9W	11	0	8	10.8	2.8		10.7	2.7		
	F	22	0	19	21.9	2.9		21.8	2.8		
	10W	11	0	8	10.7	2.7		10.9	2.9		
	F	22	0	19	21.7	2.7		21.8	2.8		
	11W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.9	2.9		21.8	2.8		
	12W	11	0	8	10.8	2.8		10.7	2.7		
	F	22	0	19	21.9	2.9		21.8	2.8		
	13W	11	0	8	10.8	2.8		10.7	2.7		
	F	22	0	19	21.9	2.9		21.9	2.9		
	14W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.7	2.7		21.9	2.9		
	15W	11	0	8	10.9	2.9		10.8	2.8		
	F	22	0	19	21.8	2.8		21.7	2.7		
SIDE SHELL LONGI.	9W	11	0	8	10.9	2.9		10.9	2.9		
	F	22	0	19	21.7	2.7		21.8	2.8		
	10W	11	0	8	10.9	2.9		10.8	2.8		
	F	22	0	19	21.8	2.8		21.9	2.9		
	11W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.7	2.7		21.7	2.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 3						
Location of Structure :					Frame No. 230						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	12W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.8	2.8		21.8	2.8		
	13W	13	0	9	12.8	3.8		12.8	3.8		
	F	22	0	18	21.8	3.8		21.9	3.9		
	14W	13	0	9	12.7	3.7		12.8	3.8		
	F	22	0	18	21.9	3.9		21.9	3.9		
DECK PLATE	DK1	28	0	24	27.8	3.8		27.8	3.8		
	DK2	28	0	24	27.7	3.7		27.7	3.7		
	DK3	28	0	24	27.8	3.8		27.9	3.9		
	DK4	28	0	24	27.7	3.7		27.8	3.8		
	DK5	28	0	24	27.8	3.8		27.8	3.8		
DECK GIRDER	DG	20	0	16	19.8	3.8		19.8	3.8		
T.S.T BOTTOM PLATE	TP1	18	0	14	17.8	3.8		17.8	3.8		
	TP2	18	0	14	17.7	3.7		17.9	3.9		
	TP3	17	0	13.5	16.8	3.3		16.8	3.3		
	TP4	16.5	0	13	16.2	3.2		16.4	3.4		
	TP5	16.5	0	13	16.2	3.2		16.4	3.4		
SIDE SHELL PLATE	P	30	0	26	29.7	3.7		29.8	3.8		
	Q	19	0	16	18.8	2.8		18.8	2.8		
	R	20.5	0	17.5	20.2	2.7		20.4	2.9		
	S	24	0	20.5	23.9	3.4		23.8	3.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

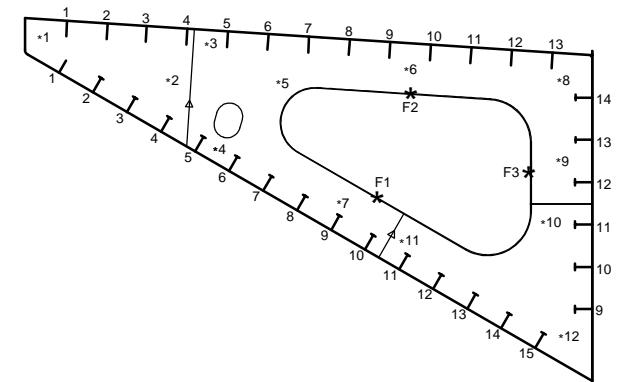
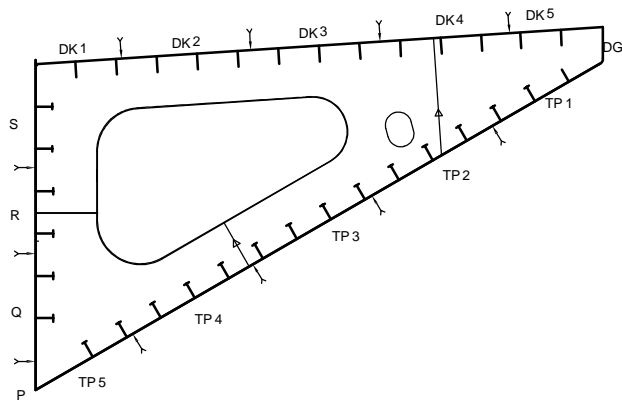
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames - Topside Tank No. 3 TM Sketches

TRANS.WEB AT NO.3 W.B.T(T.S.T)
FR.230





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames -
Topside Tank No. 4

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 4						
Location of Structure :					Frame No.201						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
WEB PLATE	1	14	0	10	13.8	3.8		13.8	3.8		
	2	14	0	10	13.9	3.9		13.7	3.7		
	3	14	0	10	13.8	3.8		13.7	3.7		
	4	14	0	10	13.7	3.7		13.8	3.8		
	5	14	0	10	13.9	3.9		13.8	3.8		
	6	14	0	10	13.8	3.8		13.9	3.9		
	7	14	0	10	13.7	3.7		13.7	3.7		
	8	14	0	10	13.8	3.8		13.9	3.9		
	9	14	0	10	13.9	3.9		13.8	3.8		
	10	14	0	10	13.8	3.8		13.9	3.9		
	11	13	0	10	12.8	2.8		12.6	2.6		
	12	13	0	10	12.7	2.7		12.8	2.8		
	13	13	0	10	12.9	2.9		12.7	2.7		
FACE PLATE	F1	25	0	21.5	24.8	3.3		24.7	3.2		
	F2	25	0	21.5	24.8	3.3		24.9	3.4		
	F3	25	0	21.5	24.7	3.2		24.8	3.3		
DECK LONGI.	1	32	0	28	31.7	3.7		31.8	3.8		
	2	32	0	28	31.9	3.9		31.8	3.8		
	3	32	0	28	31.7	3.7		31.9	3.9		
	4	32	0	28	31.8	3.8		31.9	3.9		
	5	32	0	28	31.9	3.9		31.8	3.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 4						
Location of Structure :					Frame No.201						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	6	32	0	28	31.8	3.8		31.7	3.7		
	7	32	0	28	31.8	3.8		31.8	3.8		
	8	32	0	28	31.9	3.9		31.8	3.8		
	9	32	0	28	31.7	3.7		31.9	3.9		
	10	32	0	28	31.8	3.8		31.9	3.9		
	11	32	0	28	31.9	3.9		31.8	3.8		
	12	32	0	28	31.9	3.9		31.9	3.9		
	13	32	0	28	31.8	3.8		31.8	3.8		
T.S.T BOTTOM LONGI.	1	32	0	28	31.8	3.8		31.9	3.9		
	2W	11	0	7	10.9	3.9		10.8	3.8		
	F	20	0	16	19.8	3.8		19.7	3.7		
	3W	11	0	7	10.8	3.8		10.9	3.9		
	F	20	0	16	19.9	3.9		19.8	3.8		
	4W	11	0	7	10.8	3.8		10.7	3.7		
	F	20	0	16	19.7	3.7		19.9	3.9		
	5W	11	0	7	10.8	3.8		10.9	3.9		
	F	20	0	16	19.8	3.8		19.7	3.7		
	6W	11	0	8	10.8	2.8		10.9	2.9		
	F	22	0	19	21.9	2.9		21.8	2.8		
	7W	11	0	8	10.9	2.9		10.9	2.9		
	F	22	0	19	21.8	2.8		21.7	2.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 4						
Location of Structure :					Frame No.201						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	8W	11	0	8	10.9	2.9		10.8	2.8		
	F	22	0	19	21.7	2.7		21.9	2.9		
	9W	11	0	8	10.7	2.7		10.8	2.8		
	F	22	0	19	21.9	2.9		21.7	2.7		
	10W	11	0	8	10.9	2.9		10.9	2.9		
	F	22	0	19	21.7	2.7		21.8	2.8		
	11W	11	0	8	10.9	2.9		10.9	2.9		
	F	22	0	19	21.8	2.8		21.9	2.9		
	12W	11	0	8	10.9	2.9		10.7	2.7		
	F	22	0	19	21.9	2.9		21.8	2.8		
	13W	11	0	8	10.9	2.9		10.7	2.7		
	F	22	0	19	21.8	2.8		21.8	2.8		
	14W	11	0	8	10.8	2.8		10.9	2.9		
	F	22	0	19	21.9	2.9		21.8	2.8		
	15W	11	0	8	10.7	2.7		10.7	2.7		
	F	22	0	19	21.7	2.7		21.8	2.8		
SIDE SHELL LONGI.	9W	11	0	8	10.8	2.8		10.9	2.9		
	F	22	0	19	21.8	2.8		21.9	2.9		
	10W	11	0	8	10.9	2.9		10.8	2.8		
	F	22	0	19	21.8	2.8		21.8	2.8		
	11W	11	0	8	10.7	2.7		10.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 4						
Location of Structure :					Frame No.201						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	F	22	0	19	21.9	2.9		21.9	2.9		
	12W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.9	2.9		21.7	2.7		
	13W	13	0	9	12.9	3.9		12.8	3.8		
	F	22	0	18	21.8	3.8		21.9	3.9		
	14W	13	0	9	12.9	3.9		12.7	3.7		
	F	22	0	18	21.7	3.7		21.9	3.9		
DECK PLATE	DK1	32	0	28	31.7	3.7		31.8	3.8		
	DK2	32	0	28	31.8	3.8		31.9	3.9		
	DK3	32	0	28	31.9	3.9		31.8	3.8		
	DK4	32	0	28	31.8	3.8		31.7	3.7		
	DK5	32	0	28	31.9	3.9		31.9	3.9		
DECK GIRDER	DG	26	0	22	25.8	3.8		25.9	3.9		
T.S.T BOTTOM PLATE	TP1	18.5	0	14.5	18.4	3.9		18.4	3.9		
	TP2	18.5	0	14.5	18.3	3.8		18.4	3.9		
	TP3	17	0	13.5	16.9	3.4		16.7	3.2		
	TP4	17	0	13.5	16.7	3.2		16.8	3.3		
	TP5	16	0	12.5	15.8	3.3		15.7	3.2		
SIDE SHELL PLATE	P	19	0	15	18.8	3.8		18.7	3.7		
	Q	18	0	15	17.8	2.8		17.9	2.9		
	R	19.5	0	16.5	19.4	2.9		19.3	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Page 352 of 571



Thickness Measurement Report

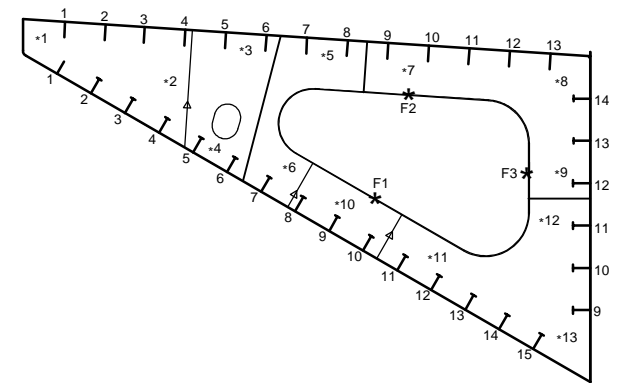
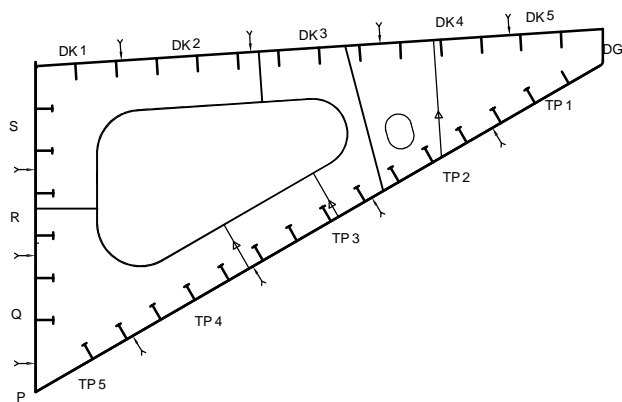
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames - Topside Tank No. 4 TM Sketches

TRANS.WEB AT NO.4 W.B.T(T.S.T)
FR.201





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames -
Topside Tank No. 5

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 5						
Location of Structure :					Frame No. 172						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
WEB PLATE	1	14	0	10	13.8	3.8		13.7	3.7		
	2	14	0	10	13.7	3.7		13.8	3.8		
	3	14	0	10	13.8	3.8		13.9	3.9		
	4	14	0	10	13.9	3.9		13.7	3.7		
	5	14	0	10	13.8	3.8		13.8	3.8		
	6	14	0	10	13.8	3.8		13.8	3.8		
	7	14	0	10	13.7	3.7		13.7	3.7		
	8	14	0	10	13.8	3.8		13.8	3.8		
	9	14	0	10	13.9	3.9		13.9	3.9		
	10	14	0	10	13.8	3.8		13.8	3.8		
	11	13	0	10	12.8	2.8		12.8	2.8		
	12	13	0	10	12.9	2.9		12.7	2.7		
	13	13	0	10	12.7	2.7		12.9	2.9		
FACE PLATE	F1	25	0	21.5	24.8	3.3		24.8	3.3		
	F2	25	0	21.5	24.9	3.4		24.9	3.4		
	F3	25	0	21.5	24.8	3.3		24.7	3.2		
DECK LONGI.	1	32	0	28	31.8	3.8		31.8	3.8		
	2	32	0	28	31.8	3.8		31.7	3.7		
	3	32	0	28	31.7	3.7		31.8	3.8		
	4	32	0	28	31.8	3.8		31.9	3.9		
	5	32	0	28	31.9	3.9		32	4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 5						
Location of Structure :					Frame No. 172						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	6	32	0	28	31.7	3.7		31.8	3.8		
	7	32	0	28	31.7	3.7		31.9	3.9		
	8	32	0	28	31.7	3.7		31.7	3.7		
	9	32	0	28	31.8	3.8		31.8	3.8		
	10	32	0	28	31.8	3.8		31.7	3.7		
	11	32	0	28	31.9	3.9		31.7	3.7		
	12	32	0	28	31.7	3.7		31.8	3.8		
	13	32	0	28	31.7	3.7		31.8	3.8		
T.S.T BOTTOM LONGI.	1	32	0	28	31.8	3.8		31.7	3.7		
	2W	11	0	7	10.8	3.8		10.8	3.8		
	F	20	0	16	19.8	3.8		19.8	3.8		
	3W	11	0	7	10.9	3.9		10.8	3.8		
	F	20	0	16	19.7	3.7		19.9	3.9		
	4W	11	0	7	10.7	3.7		10.7	3.7		
	F	20	0	16	19.9	3.9		19.8	3.8		
	5W	11	0	7	10.8	3.8		10.8	3.8		
	F	20	0	16	19.9	3.9		19.8	3.8		
	6W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.8	2.8		21.8	2.8		
	7W	11	0	8	10.9	2.9		10.7	2.7		
	F	22	0	19	21.9	2.9		21.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 5						
Location of Structure :					Frame No. 172						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	8W	11	0	8	10.7	2.7		10.9	2.9		
	F	22	0	19	21.9	2.9		21.7	2.7		
	9W	11	0	8	10.7	2.7		10.8	2.8		
	F	22	0	19	21.8	2.8		21.8	2.8		
	10W	11	0	8	10.8	2.8		10.9	2.9		
	F	22	0	19	21.9	2.9		21.8	2.8		
	11W	11	0	8	10.9	2.9		10.9	2.9		
	F	22	0	19	21.7	2.7		21.8	2.8		
	12W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.8	2.8		21.7	2.7		
	13W	11	0	8	10.8	2.8		10.9	2.9		
	F	22	0	19	21.7	2.7		21.8	2.8		
	14W	11	0	8	10.8	2.8		10.7	2.7		
	F	22	0	19	21.9	2.9		21.8	2.8		
	15W	11	0	8	10.8	2.8		10.9	2.9		
	F	22	0	19	21.8	2.8		21.8	2.8		
SIDE SHELL LONGI.	9W	11	0	8	10.8	2.8		10.7	2.7		
	F	22	0	19	21.7	2.7		21.9	2.9		
	10W	11	0	8	10.9	2.9		10.7	2.7		
	F	22	0	19	21.8	2.8		21.8	2.8		
	11W	11	0	8	10.8	2.8		10.9	2.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 5						
Location of Structure :					Frame No. 172						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	F	22	0	19	21.9	2.9		21.7	2.7		
	12W	11	0	8	10.7	2.7		10.8	2.8		
	F	22	0	19	21.8	2.8		21.8	2.8		
	13W	13	0	9	12.8	3.8		12.9	3.9		
	F	22	0	18	21.8	3.8		21.8	3.8		
	14W	13	0	9	12.9	3.9		12.7	3.7		
	F	22	0	18	21.8	3.8		21.8	3.8		
DECK PLATE	DK1	32	0	28	31.8	3.8		31.8	3.8		
	DK2	32	0	28	31.7	3.7		31.7	3.7		
	DK3	32	0	28	31.7	3.7		31.9	3.9		
	DK4	32	0	28	31.9	3.9		31.7	3.7		
	DK5	32	0	28	31.8	3.8		31.8	3.8		
DECK GIRDER	DG	26	0	22	25.9	3.9		25.9	3.9		
T.S.T BOTTOM PLATE	TP1	18.5	0	14.5	18.4	3.9		18.4	3.9		
	TP2	18.5	0	14.5	18.3	3.8		18.3	3.8		
	TP3	17	0	13.5	16.8	3.3		16.8	3.3		
	TP4	17	0	13.5	16.7	3.2		16.9	3.4		
	TP5	16	0	12.5	15.9	3.4		15.9	3.4		
SIDE SHELL PLATE	P	22	0	18	21.8	3.8		21.8	3.8		
	Q	18	0	15	17.7	2.7		17.8	2.8		
	R	19.5	0	16.5	19.4	2.9		19.4	2.9		

● Excessive Diminution
 ● Substantial Corrosion
 ● Renewed As Built
 ● Renewed other than As Built
 ● Missing Reading
 ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Page 360 of 571



Thickness Measurement Report

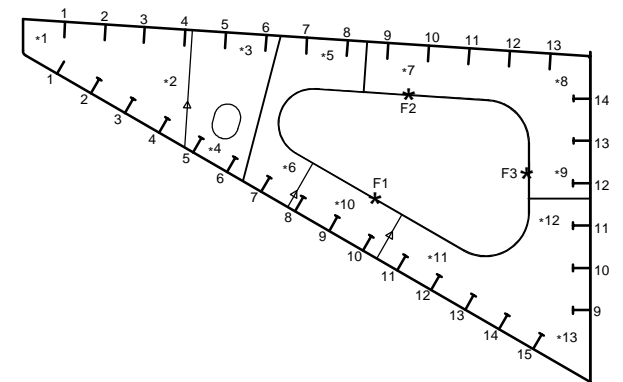
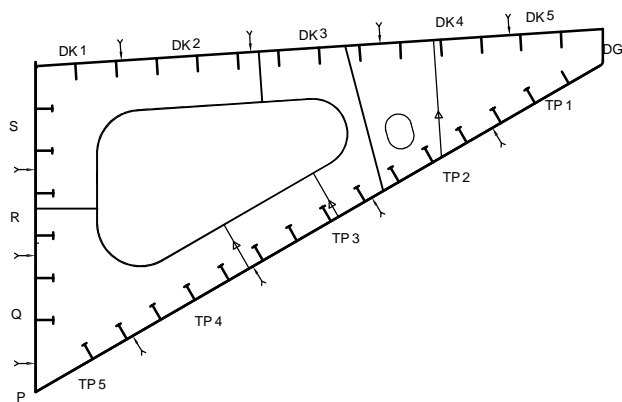
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames - Topside Tank No. 5 TM Sketches

TRANS.WEB AT NO.5 W.B.T(T.S.T)
FR.172





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames -
Topside Tank No. 6

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 6						
Location of Structure :					Frame No. 143						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
WEB PLATE	1	14	0	10	13.6	3.6		13.7	3.7		
	2	14	0	10	13.8	3.8		13.8	3.8		
	3	17	0	13	13.9	0.9		16.8	3.8		
	4	17	0	13	13.8	0.8		16.9	3.9		
	5	22	0	18	21.8	3.8		21.8	3.8		
	6	22	0	18	21.9	3.9		21.7	3.7		
	7	17	0	13	16.8	3.8		16.8	3.8		
	8	17	0	13	16.8	3.8		16.6	3.6		
	9	17	0	13	16.8	3.8		16.8	3.8		
	10	17	0	13	16.9	3.9		16.9	3.9		
	11	17	0	14	16.8	2.8		16.9	2.9		
	12	17	0	14	16.7	2.7		16.9	2.9		
	13	17	0	14	16.8	2.8		16.9	2.9		
FACE PLATE	F1	30	0	26.5	29.8	3.3		29.8	3.3		
	F2	30	0	26.5	29.7	3.2		29.7	3.2		
	F3	30	0	26.5	29.8	3.3		29.8	3.3		
DECK LONGI.	1	32	0	28	31.8	3.8		31.8	3.8		
	2	32	0	28	31.7	3.7		31.7	3.7		
	3	32	0	28	31.8	3.8		31.9	3.9		
	4	32	0	28	31.9	3.9		31.8	3.8		
	5	32	0	28	31.8	3.8		31.7	3.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 6						
Location of Structure :					Frame No. 143						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	6	32	0	28	31.8	3.8		31.8	3.8		
	7	32	0	28	31.7	3.7		31.7	3.7		
	8	32	0	28	31.8	3.8		31.7	3.7		
	9	32	0	28	31.7	3.7		31.8	3.8		
	10	32	0	28	31.8	3.8		31.9	3.9		
	11	32	0	28	31.7	3.7		31.8	3.8		
	12	32	0	28	31.8	3.8		31.7	3.7		
	13	32	0	28	31.9	3.9		31.7	3.7		
T.S.T BOTTOM LONGI.	1	32	0	28	31.8	3.8		31.8	3.8		
	2W	11	0	7	10.8	3.8		10.8	3.8		
	F	20	0	16	19.8	3.8		19.8	3.8		
	3W	11	0	7	10.7	3.7		10.7	3.7		
	F	20	0	16	19.7	3.7		19.8	3.8		
	4W	11	0	7	10.7	3.7		10.8	3.8		
	F	20	0	16	19.8	3.8		19.7	3.7		
	5W	11	0	7	10.8	3.8		10.7	3.7		
	F	20	0	16	19.7	3.7		19.8	3.8		
	6W	11	0	8	10.8	2.8		10.7	2.7		
	F	22	0	19	21.8	2.8		21.8	2.8		
	7W	11	0	8	10.7	2.7		10.8	2.8		
	F	22	0	19	21.8	2.8		21.9	2.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 6						
Location of Structure :					Frame No. 143						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	8W	11	0	8	10.9	2.9		10.7	2.7		
	F	22	0	19	21.7	2.7		21.8	2.8		
	9W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.9	2.9		21.9	2.9		
	10W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.9	2.9		21.9	2.9		
	11W	11	0	8	10.8	2.8		10.9	2.9		
	F	22	0	19	21.7	2.7		21.7	2.7		
	12W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.9	2.9		21.7	2.7		
	13W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.7	2.7		21.9	2.9		
	14W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.9	2.9		21.8	2.8		
	15W	11	0	8	10.8	2.8		10.9	2.9		
	F	22	0	19	21.7	2.7		21.7	2.7		
SIDE SHELL LONGI.	9W	11	0	8	10.8	2.8		10.9	2.9		
	F	22	0	19	21.9	2.9		21.8	2.8		
	10W	11	0	8	10.9	2.9		10.8	2.8		
	F	22	0	19	21.8	2.8		21.7	2.7		
	11W	11	0	8	10.8	2.8		10.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 6						
Location of Structure :					Frame No. 143						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	F	22	0	19	21.8	2.8		21.7	2.7		
	12W	11	0	8	10.7	2.7		10.9	2.9		
	F	22	0	19	21.9	2.9		21.9	2.9		
	13W	13	0	9	12.8	3.8		12.8	3.8		
	F	22	0	18	21.8	3.8		21.9	3.9		
	14W	13	0	9	12.9	3.9		12.9	3.9		
	F	22	0	18	21.9	3.9		21.9	3.9		
DECK PLATE	DK1	34	0	30	33.8	3.8		33.9	3.9		
	DK2	34	0	30	33.9	3.9		33.7	3.7		
	DK3	34	0	30	33.8	3.8		33.8	3.8		
	DK4	34	0	30	33.7	3.7		33.9	3.9		
	DK5	34	0	30	33.8	3.8		33.7	3.7		
DECK GIRDER	DG	26	0	22	25.9	3.9		25.9	3.9		
T.S.T BOTTOM PLATE	TP1	18.5	0	14.5	18.4	3.9		18.4	3.9		
	TP2	18.5	0	14.5	18.4	3.9		18.3	3.8		
	TP3	17	0	13.5	16.8	3.3		16.8	3.3		
	TP4	17	0	13.5	16.8	3.3		16.8	3.3		
	TP5	17	0	13.5	16.9	3.4		16.9	3.4		
SIDE SHELL PLATE	P	23.5	0	19.5	23.4	3.9		23.4	3.9		
	Q	18	0	15	17.8	2.8		17.8	2.8		
	R	20	0	17	19.8	2.8		19.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

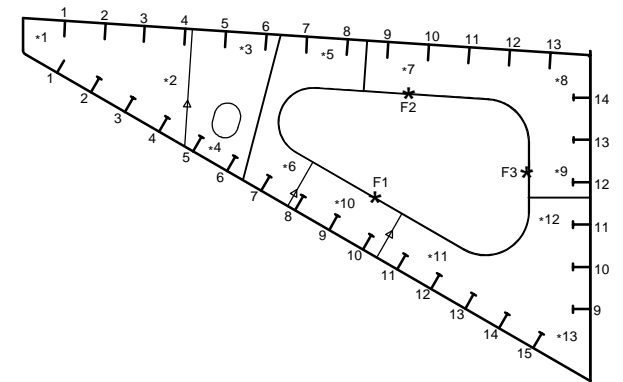
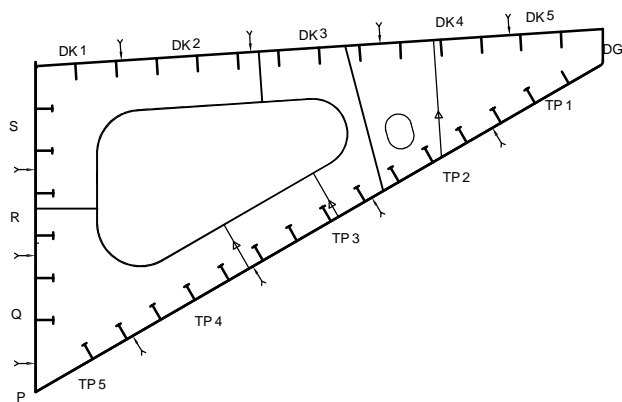
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames - Topside Tank No. 6 TM Sketches

TRANS.WEB AT NO.6 W.B.T(T.S.T)
FR.143





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames -
Topside Tank No. 7

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 7						
Location of Structure :					Frame No. 120						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
WEB PLATE	1	14	0	10	13.8	3.8		13.8	3.8		
	2	14	0	10	13.7	3.7		13.7	3.7		
	3	14	0	10	13.8	3.8		13.8	3.8		
	4	14	0	10	13.8	3.8		13.9	3.9		
	5	14	0	10	13.7	3.7		13.7	3.7		
	6	14	0	10	13.8	3.8		13.8	3.8		
	7	14	0	10	13.8	3.8		13.8	3.8		
	8	14	0	10	13.7	3.7		13.7	3.7		
	9	14	0	10	13.8	3.8		13.8	3.8		
	10	14	0	10	13.8	3.8		13.8	3.8		
	11	13	0	10	12.8	2.8		12.8	2.8		
	12	13	0	10	12.9	2.9		12.7	2.7		
	13	13	0	10	12.9	2.9		12.9	2.9		
FACE PLATE	F1	25	0	21.5	24.7	3.2		24.8	3.3		
	F2	25	0	21.5	24.8	3.3		24.7	3.2		
	F3	25	0	21.5	24.7	3.2		24.8	3.3		
DECK LONGI.	1	32	0	28	31.8	3.8		31.8	3.8		
	2	32	0	28	31.7	3.7		31.7	3.7		
	3	32	0	28	31.8	3.8		31.8	3.8		
	4	32	0	28	31.7	3.7		31.7	3.7		
	5	32	0	28	31.8	3.8		31.9	3.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 7						
Location of Structure :					Frame No. 120						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	6	32	0	28	31.9	3.9		31.8	3.8		
	7	32	0	28	31.7	3.7		31.7	3.7		
	8	32	0	28	31.8	3.8		31.7	3.7		
	9	32	0	28	31.9	3.9		31.9	3.9		
	10	32	0	28	31.8	3.8		31.8	3.8		
	11	32	0	28	31.7	3.7		31.8	3.8		
	12	32	0	28	31.8	3.8		31.7	3.7		
	13	32	0	28	31.8	3.8		31.8	3.8		
T.S.T BOTTOM LONGI.	1	32	0	28	31.7	3.7		31.7	3.7		
	2W	11	0	7	10.9	3.9		10.8	3.8		
	F	20	0	16	19.8	3.8		19.8	3.8		
	3W	11	0	7	10.7	3.7		10.7	3.7		
	F	20	0	16	19.9	3.9		19.8	3.8		
	4W	11	0	7	10.9	3.9		10.8	3.8		
	F	20	0	16	19.7	3.7		19.9	3.9		
	5W	11	0	7	10.8	3.8		10.8	3.8		
	F	20	0	16	19.8	3.8		19.7	3.7		
	6W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.8	2.8		21.8	2.8		
	7W	11	0	8	10.9	2.9		10.8	2.8		
	F	22	0	19	21.8	2.8		21.9	2.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 7						
Location of Structure :					Frame No. 120						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	8W	11	0	8	10.9	2.9		10.7	2.7		
	F	22	0	19	21.8	2.8		21.8	2.8		
	9W	11	0	8	10.9	2.9		10.8	2.8		
	F	22	0	19	21.9	2.9		21.7	2.7		
	10W	11	0	8	10.7	2.7		10.8	2.8		
	F	22	0	19	21.7	2.7		21.9	2.9		
	11W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.9	2.9		21.8	2.8		
	12W	11	0	8	10.8	2.8		10.7	2.7		
	F	22	0	19	21.9	2.9		21.8	2.8		
	13W	11	0	8	10.8	2.8		10.9	2.9		
	F	22	0	19	21.9	2.9		21.7	2.7		
	14W	11	0	8	10.8	2.8		10.9	2.9		
	F	22	0	19	21.9	2.9		21.8	2.8		
	15W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.7	2.7		21.8	2.8		
SIDE SHELL LONGI.	9W	11	0	8	10.9	2.9		10.9	2.9		
	F	22	0	19	21.7	2.7		21.7	2.7		
	10W	11	0	8	10.9	2.9		10.7	2.7		
	F	22	0	19	21.8	2.8		21.8	2.8		
	11W	11	0	8	10.9	2.9		10.9	2.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 7						
Location of Structure :					Frame No. 120						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	F	22	0	19	21.8	2.8		21.7	2.7		
	12W	11	0	8	10.7	2.7		10.8	2.8		
	F	22	0	19	21.7	2.7		21.8	2.8		
	13W	13	0	9	12.8	3.8		12.9	3.9		
	F	22	0	18	21.8	3.8		21.8	3.8		
	14W	13	0	9	12.9	3.9		12.7	3.7		
	F	22	0	18	21.8	3.8		21.8	3.8		
DECK PLATE	DK1	28	0	24	27.8	3.8		27.8	3.8		
	DK2	28	0	24	27.7	3.7		27.7	3.7		
	DK3	28	0	24	27.9	3.9		27.9	3.9		
	DK4	28	0	24	27.8	3.8		27.8	3.8		
	DK5	28	0	24	27.8	3.8		27.9	3.9		
DECK GIRDER	DG	22	0	18	21.8	3.8		21.8	3.8		
T.S.T BOTTOM PLATE	TP1	18	0	14	17.8	3.8		17.8	3.8		
	TP2	18	0	14	17.8	3.8		17.8	3.8		
	TP3	16.5	0	13	16.3	3.3		16.4	3.4		
	TP4	16.5	0	13	16.4	3.4		16.3	3.3		
	TP5	16	0	12.5	15.8	3.3		15.9	3.4		
SIDE SHELL PLATE	P	23.5	0	19.5	23.4	3.9		23.4	3.9		
	Q	19	0	16	18.9	2.9		18.8	2.8		
	R	20	0	17	19.8	2.8		19.7	2.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

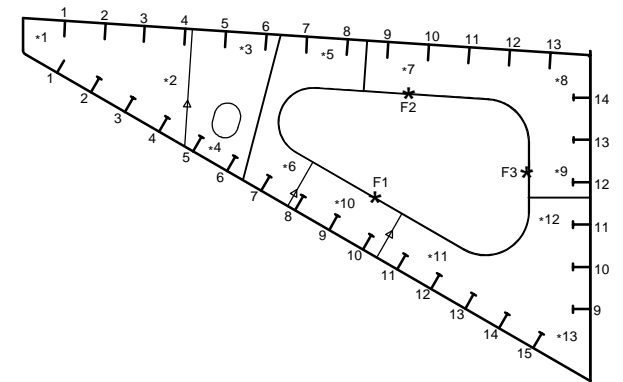
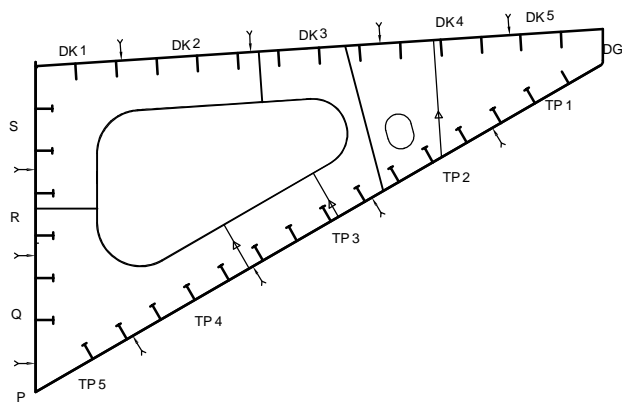
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames - Topside Tank No. 7 TM Sketches

TRANS.WEB AT NO.7 W.B.T(T.S.T)
FR. 120





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames -
Topside Tank No. 8

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 8						
Location of Structure :					Frame No. 91						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
WEB PLATE	1	13	0	10	12.7	2.7		12.8	2.8		
	2	13	0	10	12.9	2.9		12.7	2.7		
	3	14	0	10	13.8	3.8		13.8	3.8		
	4	14	0	10	13.8	3.8		13.6	3.6		
SIDE SHELL LONGI.	9W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.7	2.7		21.8	2.8		
	10W	11	0	8	10.9	2.9		10.8	2.8		
	F	22	0	19	21.8	2.8		21.7	2.7		
	11W	11	0	8	10.9	2.9		10.8	2.8		
	F	22	0	19	21.7	2.7		21.7	2.7		
	12W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.9	2.9		21.9	2.9		
	13W	13	0	9	12.8	3.8		12.8	3.8		
	F	22	0	18	21.8	3.8		21.8	3.8		
	14W	13	0	9	12.9	3.9		12.9	3.9		
	F	22	0	18	21.8	3.8		21.8	3.8		
DECK PLATE	DK1	24	0	20	23.7	3.7		23.8	3.8		
T.S.T BOTTOM PLATE	TP5	16	0	12.5	15.9	3.4		15.9	3.4		
SIDE SHELL PLATE	P	21	0	17	20.8	3.8		20.8	3.8		
	Q	18	0	15	17.8	2.8		17.7	2.7		
	R	18	0	15	17.9	2.9		17.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

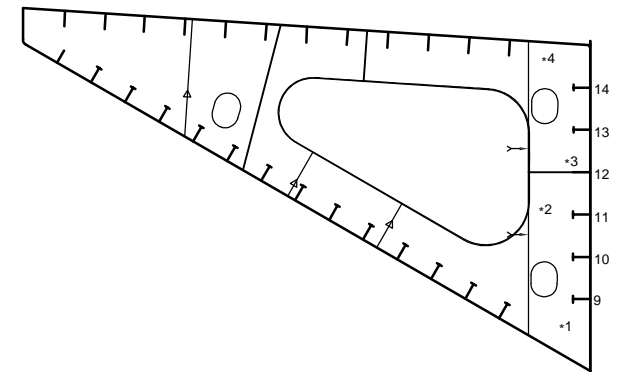
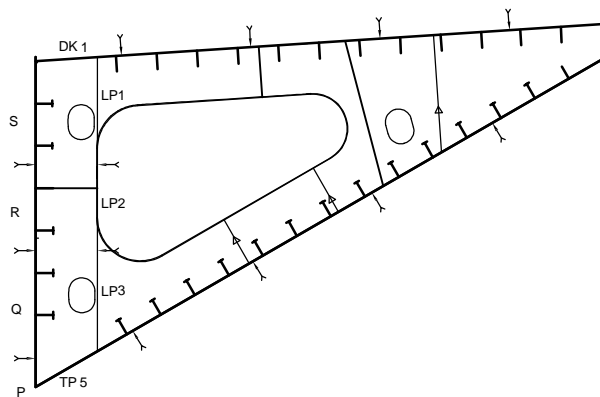
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames - Topside Tank No. 8 TM Sketches

TRANS.WEB AT NO.8 W.B.T(T.S.T)
FR.91





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames -
Topside Tank No. 9

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Topside Tank No. 9						
Location of Structure :					Frame No. 68						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
WEB PLATE	1	13	0	10	12.7	2.7		12.9	2.9		
	2	13	0	10	12.8	2.8		12.7	2.7		
	3	14	0	10	13.7	3.7		13.8	3.8		
	4	14	0	10	13.8	3.8		13.7	3.7		
SIDE SHELL LONGI.	9W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.8	2.8		21.8	2.8		
	10W	11	0	8	10.7	2.7		10.9	2.9		
	F	22	0	19	21.8	2.8		21.7	2.7		
	11W	11	0	8	10.7	2.7		10.8	2.8		
	F	22	0	19	21.8	2.8		21.9	2.9		
	12W	11	0	8	10.8	2.8		10.8	2.8		
	F	22	0	19	21.9	2.9		21.8	2.8		
	13W	13	0	9	12.8	3.8		12.9	3.9		
	F	22	0	18	21.8	3.8		21.8	3.8		
	14W	13	0	9	12.9	3.9		12.9	3.9		
	F	22	0	18	21.8	3.8		21.8	3.8		
DECK PLATE	DK1	20	0	16	19.8	3.8		19.8	3.8		
T.S.T BOTTOM PLATE	TP5	16	0	12.5	15.9	3.4		15.9	3.4		
SIDE SHELL PLATE	P	28	0	24	27.8	3.8		27.8	3.8		
	Q	18	0	15	17.8	2.8		17.8	2.8		
	R	18	0	15	17.8	2.8		17.7	2.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

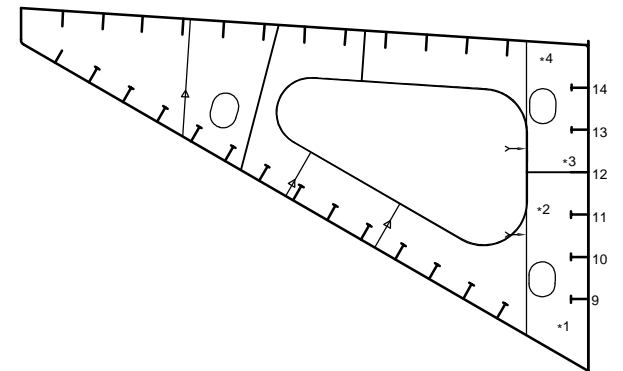
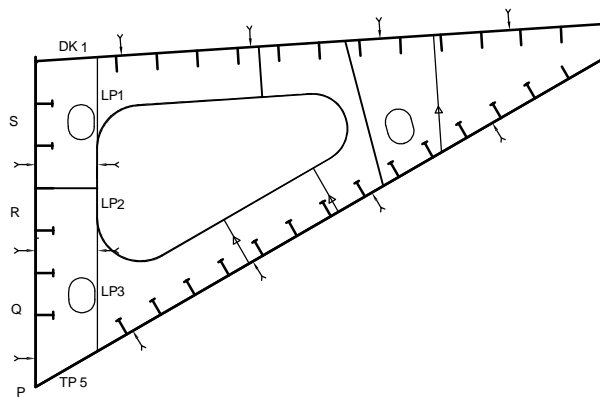
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks - Transverse Web Frames - Topside Tank No. 9 TM Sketches

TRANS.WEB AT NO.9 W.B.T(T.S.T)
FR.68





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks – Transverse Bulkheads -
Topside Tank No. 6

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Topside Tank No. 6						
Location of Structure :					Frame No. 132						
Type of Bulkhead :					Plain Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
TRANS.BHD.PL.	1	14	0	10	13.7	3.7		13.7	3.7		
	2	14	0	10	13.8	3.8		13.8	3.8		
	3	14	0	10	13.7	3.7		13.6	3.6		
	4	14	0	11	13.7	2.7		13.6	2.6		
	5	14	0	11	13.6	2.6		13.7	2.7		
	6	14	0	11	13.8	2.8		13.8	2.8		
STIFFENERS	S1W	13	0	10	12.8	2.8		12.7	2.7		
	S1F	18	0	15	17.6	2.6		17.8	2.8		
	S2W	13	0	10	12.8	2.8		12.6	2.6		
	S2F	18	0	15	17.9	2.9		17.8	2.8		
	S3W	11	0	8	10.6	2.6		10.8	2.8		
	S3F	16	0	13	15.9	2.9		15.7	2.7		
	S4W	13	0	10	12.8	2.8		12.9	2.9		
	S4F	18	0	15	17.8	2.8		17.8	2.8		
	S5W	11	0	8	10.8	2.8		10.8	2.8		
	S5F	16	0	13	15.9	2.9		15.7	2.7		
	S6W	11	0	8	10.7	2.7		10.8	2.8		
	S6F	16	0	13	15.9	2.9		15.9	2.9		
	S7W	11	0	8	10.8	2.8		10.9	2.9		
	S7F	16	0	13	15.9	2.9		15.9	2.9		
	S8	11	0	8	10.8	2.8		10.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Topside Tank No. 6						
Location of Structure :					Frame No. 161						
Type of Bulkhead :					Plain Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
TRANS.BHD.PL.	1	14	0	10	13.7	3.7		13.6	3.6		
	2	14	0	10	13.6	3.6		13.8	3.8		
	3	14	0	10	13.7	3.7		13.9	3.9		
	4	14	0	11	13.6	2.6		13.7	2.7		
	5	14	0	11	13.8	2.8		13.6	2.6		
	6	14	0	11	13.7	2.7		13.7	2.7		
STIFFENERS	S1W	13	0	10	12.8	2.8		12.8	2.8		
	S1F	18	0	15	17.7	2.7		17.6	2.6		
	S2W	13	0	10	12.8	2.8		12.6	2.6		
	S2F	18	0	15	17.7	2.7		17.7	2.7		
	S3W	11	0	8	10.8	2.8		10.8	2.8		
	S3F	16	0	13	15.9	2.9		15.9	2.9		
	S4W	13	0	10	12.8	2.8		12.9	2.9		
	S4F	18	0	15	17.7	2.7		17.7	2.7		
	S5W	11	0	8	10.8	2.8		10.8	2.8		
	S5F	16	0	13	15.9	2.9		15.9	2.9		
	S6W	11	0	8	10.8	2.8		10.8	2.8		
	S6F	16	0	13	15.6	2.6		15.6	2.6		
	S7W	11	0	8	10.8	2.8		10.8	2.8		
	S7F	16	0	13	15.7	2.7		15.9	2.9		
	S8	11	0	8	10.8	2.8		10.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

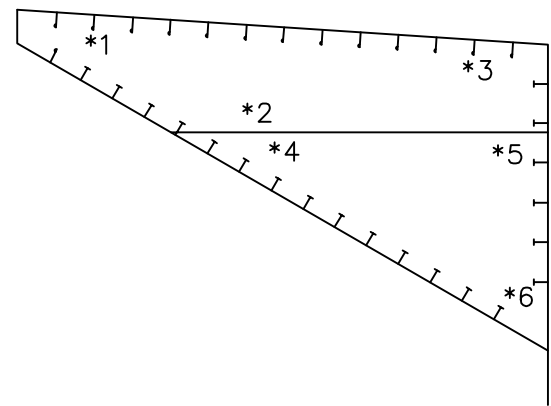
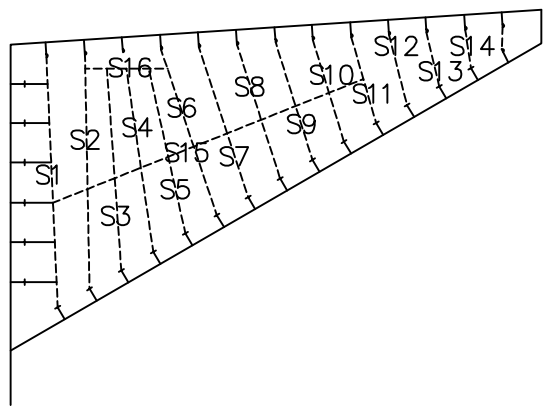
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks – Transverse Bulkheads - Topside Tank No. 6 TM Sketches

TRANS.BHD IN NO.6W.B.T(T.S.T)
FR.132.161





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks – Transverse Bulkheads -
Double Bottom Tank No. 6

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Double Bottom Tank No. 6						
Location of Structure :					Frame No. 132						
Type of Bulkhead :					Plain Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
TRANS.BHD.PL.	1	19	0	16	18.7	2.7		18.9	2.9		
	2	19	0	16	18.7	2.7		18.6	2.6		
	3	19	0	16	18.8	2.8		18.8	2.8		
	4	19	0	16	18.6	2.6		18.7	2.7		
	5	19	0	16	18.8	2.8		18.8	2.8		
	6	19	0	16	18.7	2.7		18.6	2.6		
	7	19	0	16	18.8	2.8		18.8	2.8		
	8	19	0	16	18.6	2.6		18.7	2.7		
	9	19	0	16	18.7	2.7		18.8	2.8		
	10	19	0	16	18.6	2.6		18.6	2.6		
	11	18	0	15	17.8	2.8		17.7	2.7		
	12	18	0	15	17.7	2.7		17.8	2.8		
	13	18	0	15	17.8	2.8		17.9	2.9		
	14	18	0	15	17.9	2.9		17.8	2.8		
STIFFENERS	S1	11.5	0	8.5	11.2	2.7		11.1	2.6		
	S2	11.5	0	8.5	11.4	2.9		11.2	2.7		
	S3	11.5	0	8.5	11.3	2.8		11.3	2.8		
	S4	11.5	0	8.5	11.4	2.9		11.1	2.6		
	S5	11.5	0	8.5	11.2	2.7		11.2	2.7		
	S6	11.5	0	8.5	11.3	2.8		11.4	2.9		
	S7	11.5	0	8.5	11.4	2.9		11.3	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :				Double Bottom Tank No. 6							
Location of Structure :				Frame No. 132							
Type of Bulkhead :				Plain Transverse Bulkhead							
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	S8	11.5	0	8.5	11.4	2.9		11.4	2.9		
	S9	11.5	0	8.5	11.3	2.8		11.4	2.9		
	S10	11.5	0	8.5	11.2	2.7		22.1	13.6		
	S11	11.5	0	8.5	11.5	3		11.3	2.8		
	S12	11.5	0	8.5	11.3	2.8		11.4	2.9		
	S13	11	0	8	10.8	2.8		10.8	2.8		
	S14	11	0	8	10.9	2.9		10.7	2.7		
	S15	11	0	8	10.7	2.7		10.8	2.8		
	S16	11	0	8	10.8	2.8		10.8	2.8		
	S17W	11	0	8	10.9	2.9		10.9	2.9		
	S17F	16	0	13	15.8	2.8		15.6	2.6		
	S18	11	0	8	10.8	2.8		10.8	2.8		
	S19W	10	0	7	9.8	2.8		9.7	2.7		
	S19F	15	0	12	14.8	2.8		14.8	2.8		
	S20	11	0	8	10.8	2.8		10.8	2.8		
	S21W	13	0	10	12.9	2.9		12.8	2.8		
	S21F	20	0	17	19.8	2.8		19.8	2.8		
	S22W	10	0	7	9.7	2.7		9.8	2.8		
	S22F	15	0	12	14.8	2.8		14.8	2.8		
	S23W	10	0	7	9.8	2.8		9.7	2.7		
	S23F	15	0	12	14.8	2.8		14.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :				Double Bottom Tank No. 6							
Location of Structure :				Frame No. 132							
Type of Bulkhead :				Plain Transverse Bulkhead							
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	S24W	10	0	7	9.7	2.7		9.7	2.7		
	S24F	15	0	12	14.8	2.8		14.8	2.8		
	S25W	12	0	9	11.8	2.8		11.8	2.8		
	S25F	14	0	11	13.8	2.8		13.7	2.7		
	S26W	11	0	8	10.8	2.8		10.8	2.8		
	S26F	12	0	9	11.7	2.7		11.6	2.6		
	S27W	11	0	8	10.8	2.8		10.8	2.8		
	S27F	16	0	13	15.6	2.6		15.8	2.8		
	S28	16	0	13	15.9	2.9		15.9	2.9		
	S29	16	0	13	15.6	2.6		15.7	2.7		
	S30	16	0	13	15.7	2.7		15.8	2.8		
	S31	16	0	13	15.8	2.8		15.6	2.6		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :					Double Bottom Tank No. 6						
Location of Structure :					Frame No. 161						
Type of Bulkhead :					Plain Transverse Bulkhead						
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
TRANS.BHD.PL.	1	19	0	16	18.8	2.8		18.7	2.7		
	2	19	0	16	18.7	2.7		18.6	2.6		
	3	19	0	16	18.6	2.6		18.6	2.6		
	4	19	0	16	18.8	2.8		18.7	2.7		
	5	19	0	16	18.7	2.7		18.8	2.8		
	6	19	0	16	18.9	2.9		18.7	2.7		
	7	19	0	16	18.8	2.8		18.8	2.8		
	8	19	0	16	18.7	2.7		18.7	2.7		
	9	19	0	16	18.8	2.8		18.6	2.6		
	10	19	0	16	18.9	2.9		18.6	2.6		
	11	18	0	15	17.7	2.7		17.7	2.7		
	12	18	0	15	17.8	2.8		17.8	2.8		
	13	18	0	15	17.8	2.8		17.8	2.8		
	14	18	0	15	17.8	2.8		17.9	2.9		
STIFFENERS	S1	11.5	0	8.5	11.2	2.7		11.1	2.6		
	S2	11.5	0	8.5	11.1	2.6		11.4	2.9		
	S3	11.5	0	8.5	22.2	13.7		11.3	2.8		
	S4	11.5	0	8.5	11.3	2.8		11.1	2.6		
	S5	11.5	0	8.5	11.4	2.9		11.2	2.7		
	S6	11.5	0	8.5	11.3	2.8		11.2	2.7		
	S7	11.5	0	8.5	11.4	2.9		11.3	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :				Double Bottom Tank No. 6							
Location of Structure :				Frame No. 161							
Type of Bulkhead :				Plain Transverse Bulkhead							
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	S8	11.5	0	8.5	11.4	2.9		11.4	2.9		
	S9	11.5	0	8.5	11.3	2.8		11.4	2.9		
	S10	11.5	0	8.5	11.4	2.9		11.3	2.8		
	S11	11.5	0	8.5	11.3	2.8		11.4	2.9		
	S12	11.5	0	8.5	11.4	2.9		11.3	2.8		
	S13	11	0	8	10.8	2.8		10.8	2.8		
	S14	11	0	8	10.7	2.7		10.7	2.7		
	S15	11	0	8	10.8	2.8		10.7	2.7		
	S16	11	0	8	10.7	2.7		10.8	2.8		
	S17W	11	0	8	10.8	2.8		10.9	2.9		
	S17F	16	0	13	15.8	2.8		15.9	2.9		
	S18	11	0	8	10.8	2.8		10.8	2.8		
	S19W	10	0	7	9.8	2.8		9.7	2.7		
	S19F	15	0	12	14.8	2.8		14.8	2.8		
	S20	11	0	8	10.8	2.8		10.8	2.8		
	S21W	13	0	10	12.8	2.8		12.9	2.9		
	S21F	20	0	17	19.6	2.6		19.8	2.8		
	S22W	10	0	7	9.7	2.7		9.8	2.8		
	S22F	15	0	12	14.8	2.8		14.7	2.7		
	S23W	10	0	7	9.8	2.8		9.7	2.7		
	S23F	15	0	12	14.6	2.6		14.8	2.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM5 - Transverse Bulkheads

Space / Compartment Description :				Double Bottom Tank No. 6							
Location of Structure :				Frame No. 161							
Type of Bulkhead :				Plain Transverse Bulkhead							
Structural Component (Plating / Stiffener)	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	S24W	10	0	7	9.7	2.7		9.7	2.7		
	S24F	15	0	12	14.8	2.8		14.8	2.8		
	S25W	12	0	9	11.8	2.8		11.8	2.8		
	S25F	14	0	11	13.7	2.7		13.6	2.6		
	S26W	11	0	8	10.8	2.8		10.8	2.8		
	S26F	12	0	9	11.7	2.7		11.8	2.8		
	S27W	11	0	8	10.8	2.8		10.6	2.6		
	S27F	16	0	13	15.6	2.6		15.8	2.8		
	S28	16	0	13	15.9	2.9		15.9	2.9		
	S29	16	0	13	15.8	2.8		15.7	2.7		
	S30	16	0	13	15.6	2.6		15.9	2.9		
	S31	16	0	13	15.8	2.8		15.7	2.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

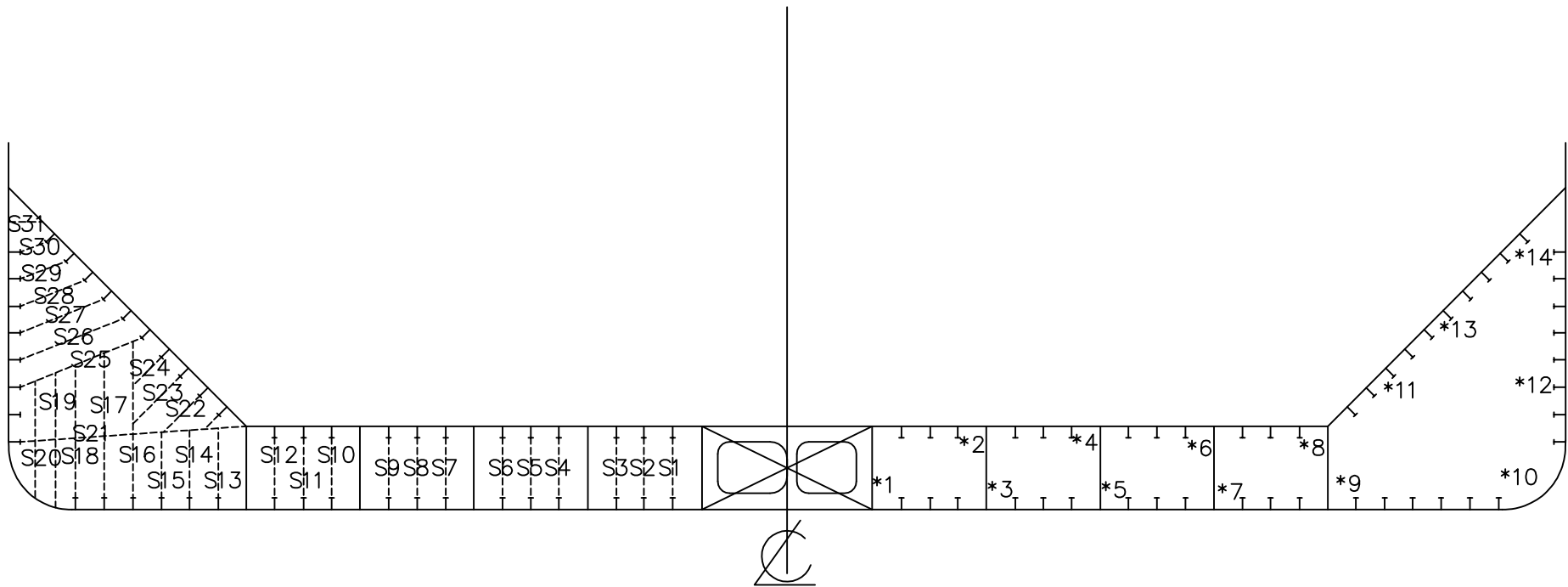
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

WB Tanks – Transverse Bulkheads - Double Bottom Tank No. 6 TM Sketches

TRANS.BHD IN NO.6W.B.T(D.B.T)
FR.132.161





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Hatch Covers and Coamings - Hatch No. 1

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 1						
Location of Structure :					Hatch Cover NO.1 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
PLATE											
1		20	0	18	19.7	1.7		19.8	1.8		
2		20	0	18	19.8	1.8		19.7	1.7		
3		30	0	28	29.7	1.7		29.8	1.8		
4		30	0	28	29.9	1.9		29.7	1.7		
5		30	0	28	29.8	1.8		29.9	1.9		
6		20	0	18	19.7	1.7		19.7	1.7		
7		20	0	18	19.8	1.8		19.9	1.9		
8		12	0	10	11.7	1.7		11.7	1.7		
9		12	0	10	11.8	1.8		11.8	1.8		
10		16	0	14	15.9	1.9		15.7	1.7		
11		16	0	14	15.8	1.8		15.7	1.7		
12		16	0	14	15.7	1.7		15.9	1.9		
13		12	0	10	11.8	1.8		11.7	1.7		
14		12	0	10	11.7	1.7		11.9	1.9		
15		12	0	10	11.8	1.8		11.7	1.7		
16		12	0	10	11.7	1.7		11.9	1.9		
17		12	0	10	11.7	1.7		11.9	1.9		
18		12	0	10	11.9	1.9		11.7	1.7		
19		12	0	10	11.7	1.7		11.8	1.8		
20		12	0	10	11.9	1.9		11.8	1.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 1						
Location of Structure :					Hatch Cover NO.1 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
21		12	0	10	11.8	1.8		11.7	1.7		
22		12	0	10	11.9	1.9		11.9	1.9		
23		12	0	10	11.8	1.8		11.7	1.7		
24		12	0	10	11.7	1.7		11.8	1.8		
25		10	0	8	9.7	1.7		9.7	1.7		
26		10	0	8	9.8	1.8		9.9	1.9		
27		16	0	14	15.8	1.8		15.8	1.8		
28		12	0	10	11.8	1.8		11.7	1.7		
29		16	0	14	15.9	1.9		15.9	1.9		
30		10	0	8	9.7	1.7		9.7	1.7		
31		10	0	8	9.9	1.9		9.7	1.7		
32		10	0	8	9.7	1.7		9.8	1.8		
33		10	0	8	9.8	1.8		9.7	1.7		
34		10	0	8	9.9	1.9		9.9	1.9		
COVER STIFFENERS											
L2-W		10	0	8	9.8	1.8		9.7	1.7		
F		10	0	8	9.9	1.9		9.8	1.8		
L3-W		10	0	8	9.7	1.7		9.8	1.8		
F		10	0	8	9.8	1.8		9.7	1.7		
L4-W		10	0	8	9.8	1.8		9.7	1.7		
F		10	0	8	9.7	1.7		9.8	1.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 1						
Location of Structure :					Hatch Cover NO.1 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
L5-W		10	0	8	9.8	1.8		9.8	1.8		
F		10	0	8	9.8	1.8		9.7	1.7		
L6-W		10	0	8	9.7	1.7		9.9	1.9		
F		40	0	38	39.8	1.8		39.7	1.7		
L7-W		10	0	8	9.8	1.8		9.8	1.8		
F		10	0	8	9.8	1.8		9.7	1.7		
L8-W		10	0	8	9.7	1.7		9.9	1.9		
F		10	0	8	9.8	1.8		9.8	1.8		
L9-W		10	0	8	9.9	1.9		9.8	1.8		
F		10	0	8	9.8	1.8		9.8	1.8		
L10-W		10	0	8	9.7	1.7		9.8	1.8		
F		10	0	8	9.8	1.8		9.8	1.8		
L11-W		10	0	8	9.8	1.8		9.7	1.7		
F		10	0	8	9.8	1.8		9.8	1.8		
L12-W		8	0	6	7.8	1.8		7.8	1.8		
F		20	0	18	19.9	1.9		19.8	1.8		
L13-W		10	0	8	9.8	1.8		9.8	1.8		
F		10	0	8	9.8	1.8		9.9	1.9		
L14-W		10	0	8	9.7	1.7		9.7	1.7		
F		10	0	8	9.9	1.9		9.8	1.8		
L15-W		10	0	8	9.7	1.7		9.7	1.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 1						
Location of Structure :					Hatch Cover NO.1 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
F		10	0	8	9.8	1.8		9.8	1.8		
L16-W		10	0	8	9.8	1.8		9.7	1.7		
F		10	0	8	9.7	1.7		9.8	1.8		
T1-W		8	0	6	7.8	1.8		7.7	1.7		
F		10	0	8	9.8	1.8		9.8	1.8		
T2-W		8	0	6	7.8	1.8		7.8	1.8		
F		20	0	18	19.8	1.8		19.8	1.8		
T3-W		8	0	6	7.7	1.7		7.9	1.9		
F		20	0	18	19.8	1.8		19.9	1.9		
T4-W		8	0	6	7.9	1.9		7.8	1.8		
F		20	0	18	19.8	1.8		19.8	1.8		
T5-W		8	0	6	7.7	1.7		7.9	1.9		
F		20	0	18	19.8	1.8		19.8	1.8		
T6-W		8	0	6	7.7	1.7		7.7	1.7		
F		20	0	18	19.8	1.8		19.9	1.9		
T7-W		8	0	6	7.8	1.8		7.8	1.8		
F		10	0	8	9.7	1.7		9.8	1.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 1						
Location of Structure :					Hatch Coaming NO.1 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
COAMING PLATE											
C1		13	0	9.5	12.7	3.2		12.7	3.2		
C2		13	0	9.5	12.7	3.2		12.9	3.4		
C3		13	0	9.5	12.9	3.4		12.7	3.2		
C4		13	0	9.5	12.8	3.3		12.7	3.2		
C5		13	0	9.5	12.8	3.3		12.9	3.4		
C6		13	0	9.5	12.7	3.2		12.7	3.2		
C7		13	0	9.5	12.7	3.2		12.8	3.3		
C8		13	0	9.5	12.8	3.3		12.9	3.4		
C9		13	0	9.5	12.9	3.4		12.7	3.2		
COAMING TOP PLATE											
T1-W		20	0	16	19.8	3.8		19.7	3.7		
F		20	0	17.5	19.7	2.2		19.8	2.3		
T2-W		20	0	16	19.8	3.8		19.7	3.7		
F		20	0	17.5	19.7	2.2		19.9	2.4		
T3-W		20	0	16	19.8	3.8		19.8	3.8		
F		20	0	17.5	19.8	2.3		19.7	2.2		
T4-W		20	0	16	19.7	3.7		19.8	3.8		
F		20	0	17.5	19.8	2.3		19.8	2.3		
T5-W		20	0	16	19.7	3.7		19.7	3.7		
F		20	0	17.5	19.6	2.1		19.9	2.4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 1						
Location of Structure :					Hatch Coaming NO.1 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
T6-W		20	0	16	19.8	3.8		19.7	3.7		
F		20	0	17.5	19.7	2.2		19.8	2.3		
T7-W		20	0	16	19.8	3.8		19.7	3.7		
F		20	0	17.5	19.7	2.2		19.8	2.3		
T8-W		20	0	16	19.8	3.8		19.7	3.7		
F		20	0	17.5	19.8	2.3		19.9	2.4		
T9-W		20	0	16	19.7	3.7		19.8	3.8		
F		20	0	17.5	19.8	2.3		19.7	2.2		
COAMING STAYS											
S0-W		15	0	12.5	14.7	2.2					
F		13	0	10.5	12.8	2.3					
S1-W		15	0	12.5	14.9	2.4		14.7	2.2		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S2-W		15	0	12.5	14.7	2.2		14.8	2.3		
F		13	0	10.5	12.7	2.2		12.8	2.3		
S3-W		15	0	12.5	14.8	2.3		14.7	2.2		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S4-W		15	0	12.5	14.7	2.2		14.7	2.2		
F		13	0	10.5	12.9	2.4		12.8	2.3		
S5-W		15	0	12.5	14.8	2.3		14.7	2.2		
F		13	0	10.5	12.7	2.2		12.8	2.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 1						
Location of Structure :					Hatch Coaming NO.1 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
S6-W		15	0	12.5	14.8	2.3		14.7	2.2		
F		13	0	10.5	12.8	2.3		12.7	2.2		
S7-W		17	0	14.5	16.9	2.4		16.8	2.3		
F		13	0	10.5	12.8	2.3		12.7	2.2		
S8-W		17	0	14.5	16.9	2.4		16.7	2.2		
F		13	0	10.5	12.7	2.2		12.8	2.3		
S9-W		17	0	14.5	16.7	2.2		16.8	2.3		
F		13	0	10.5	12.9	2.4		12.8	2.3		
S10-W		15	0	12.5	14.7	2.2		14.8	2.3		
F		15	0	12.5	14.8	2.3		14.7	2.2		
S11-W		15	0	12.5	14.9	2.4		14.8	2.3		
F		15	0	12.5	14.7	2.2		14.9	2.4		
S12-W		17	0	14.5	16.7	2.2		16.9	2.4		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S13-W		17	0	14.5	16.6	2.1		16.7	2.2		
F		13	0	10.5	12.7	2.2		12.9	2.4		
S14-W		17	0	14.5	16.8	2.3		16.7	2.2		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S15-W		15	0	12.5	14.7	2.2		14.9	2.4		
F		13	0	10.5	12.7	2.2		12.7	2.2		
S16-W		15	0	12.5	14.8	2.3		14.9	2.4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

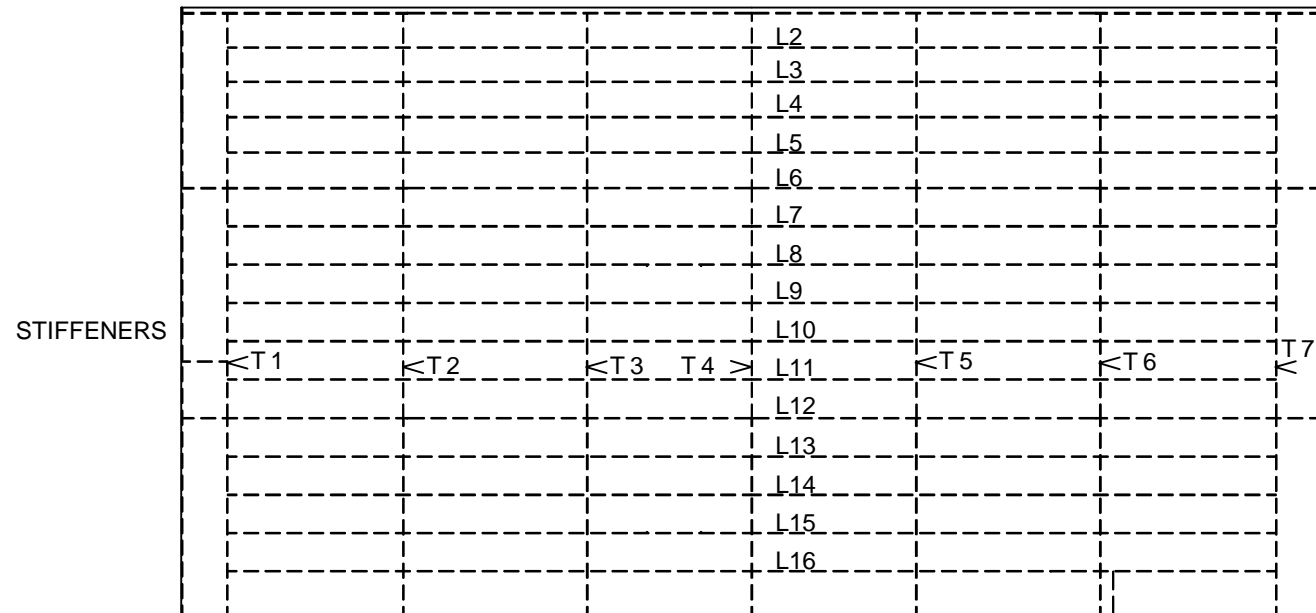
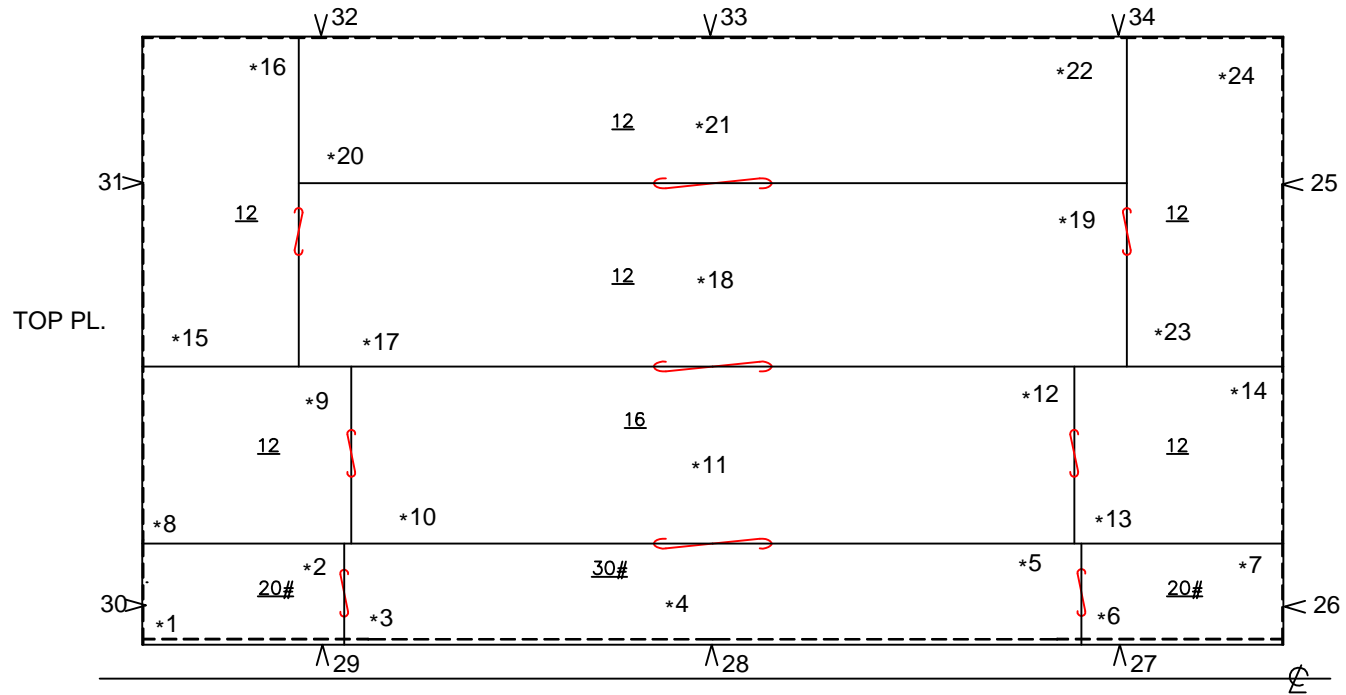
LR/IMO Number : 9492098

TM Report No : ZSN2066110

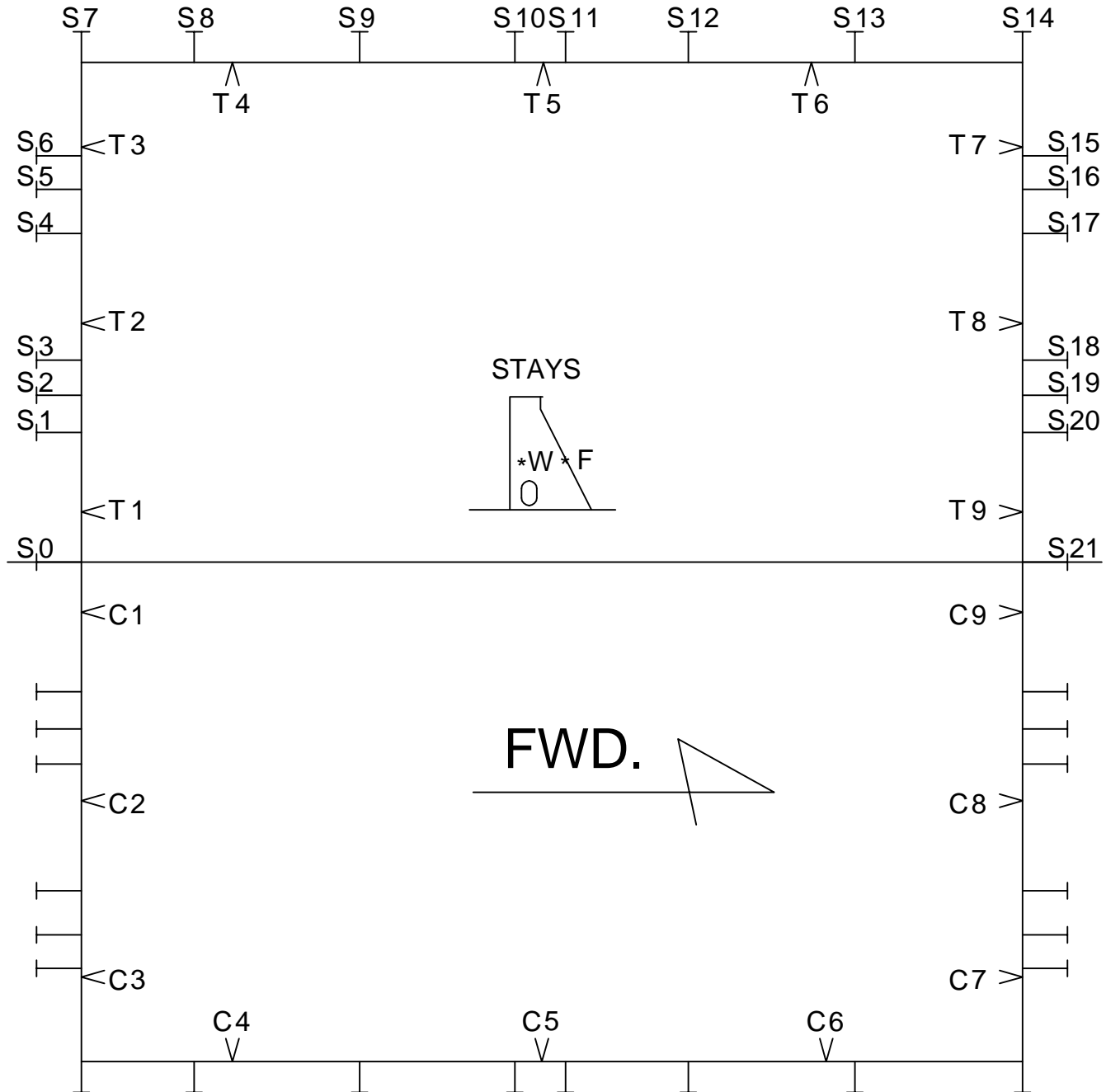
Hatch Covers and Coamings - Hatch No. 1

TM Sketches

No.1 C/H HATCH COVER



No.1 & 9 C/H HATCH COAMING





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Hatch Covers and Coamings - Hatch No. 2

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 2						
Location of Structure :					Hatch Cover NO.2 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
PLATE											
1		12	0	10	11.8	1.8		11.8	1.8		
2		12	0	10	11.7	1.7		11.7	1.7		
3		16	0	14	15.8	1.8		15.8	1.8		
4		16	0	14	15.7	1.7		15.9	1.9		
5		16	0	14	15.9	1.9		15.7	1.7		
6		12	0	10	11.8	1.8		11.9	1.9		
7		12	0	10	11.8	1.8		11.7	1.7		
8		10	0	8	9.7	1.7		9.9	1.9		
9		10	0	8	9.8	1.8		9.7	1.7		
10		14	0	12	13.7	1.7		13.9	1.9		
11		14	0	12	13.8	1.8		13.8	1.8		
12		14	0	12	13.7	1.7		13.7	1.7		
13		12	0	10	11.7	1.7		11.9	1.9		
14		12	0	10	11.8	1.8		11.8	1.8		
15		12	0	10	11.7	1.7		11.7	1.7		
16		12	0	10	11.8	1.8		11.9	1.9		
17		12	0	10	11.7	1.7		11.7	1.7		
18		12	0	10	11.8	1.8		11.9	1.9		
19		10	0	8	9.7	1.7		9.8	1.8		
20		10	0	8	9.8	1.8		9.9	1.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 2						
Location of Structure :					Hatch Cover NO.2 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
21		10	0	8	9.7	1.7		9.9	1.9		
22		10	0	8	9.8	1.8		9.7	1.7		
23		10	0	8	9.8	1.8		9.9	1.9		
24		10	0	8	9.7	1.7		9.7	1.7		
25		10	0	8	9.8	1.8		9.8	1.8		
26		10	0	8	9.8	1.8		9.7	1.7		
27		14	0	12	13.8	1.8		13.8	1.8		
28		10	0	8	9.7	1.7		9.8	1.8		
29		14	0	12	13.7	1.7		13.9	1.9		
30		10	0	8	9.8	1.8		9.9	1.9		
31		10	0	8	9.9	1.9		9.8	1.8		
32		10	0	8	9.8	1.8		9.7	1.7		
33		10	0	8	9.8	1.8		9.8	1.8		
34		10	0	8	9.7	1.7		9.7	1.7		
COVER STIFFENERS											
L2-W		10	0	8	9.7	1.7		9.7	1.7		
F		10	0	8	9.8	1.8		9.8	1.8		
L3-W		10	0	8	9.8	1.8		9.7	1.7		
F		10	0	8	9.9	1.9		9.8	1.8		
L4-W		10	0	8	9.8	1.8		9.9	1.9		
F		10	0	8	9.7	1.7		9.8	1.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 2						
Location of Structure :					Hatch Cover NO.2 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
L5-W		10	0	8	9.8	1.8		9.7	1.7		
F		10	0	8	9.7	1.7		9.8	1.8		
L6-W		10	0	8	9.8	1.8		9.8	1.8		
F		10	0	8	9.9	1.9		9.8	1.8		
L7-W		10	0	8	9.8	1.8		9.9	1.9		
F		10	0	8	9.8	1.8		9.7	1.7		
L8-W		9	0	7	8.7	1.7		8.8	1.8		
F		40	0	38	39.8	1.8		39.7	1.7		
L9-W		10	0	8	9.7	1.7		9.7	1.7		
F		10	0	8	9.8	1.8		9.8	1.8		
L10-W		10	0	8	9.7	1.7		9.9	1.9		
F		10	0	8	9.8	1.8		9.8	1.8		
L11-W		10	0	8	9.9	1.9		9.7	1.7		
F		10	0	8	9.7	1.7		9.8	1.8		
L12-W		10	0	8	9.7	1.7		9.7	1.7		
F		10	0	8	9.8	1.8		9.8	1.8		
L13-W		10	0	8	9.7	1.7		9.9	1.9		
F		10	0	8	9.7	1.7		9.7	1.7		
L14-W		8	0	6	7.7	1.7		7.7	1.7		
F		20	0	18	19.8	1.8		19.8	1.8		
L15-W		10	0	8	9.7	1.7		9.7	1.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 2						
Location of Structure :					Hatch Cover NO.2 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
F		10	0	8	9.8	1.8		9.8	1.8		
L16-W		10	0	8	9.8	1.8		9.8	1.8		
F		10	0	8	9.9	1.9		9.7	1.7		
L17-W		10	0	8	9.7	1.7		9.8	1.8		
F		10	0	8	9.8	1.8		9.9	1.9		
L18-W		10	0	8	9.8	1.8		9.7	1.7		
F		10	0	8	9.9	1.9		9.8	1.8		
L19-W		10	0	8	9.7	1.7		9.7	1.7		
F		10	0	8	9.7	1.7		9.8	1.8		
L20-W		10	0	8	9.8	1.8		9.7	1.7		
F		10	0	8	9.7	1.7		9.7	1.7		
T1-W		8	0	6	7.8	1.8		7.8	1.8		
F		10	0	8	9.7	1.7		9.9	1.9		
T2-W		8	0	6	7.7	1.7		7.7	1.7		
F		20	0	18	19.7	1.7		19.8	1.8		
T3-W		8	0	6	7.9	1.9		7.7	1.7		
F		20	0	18	19.7	1.7		19.9	1.9		
T4-W		8	0	6	7.8	1.8		7.8	1.8		
F		20	0	18	19.8	1.8		19.9	1.9		
T5-W		8	0	6	7.9	1.9		7.9	1.9		
F		20	0	18	19.8	1.8		19.8	1.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 2						
Location of Structure :					Hatch Coaming NO.2 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
COAMING PLATE											
C1		13	0	9.5	12.7	3.2		12.9	3.4		
C2		13	0	9.5	12.8	3.3		12.7	3.2		
C3		13	0	9.5	12.7	3.2		12.7	3.2		
C4		13	0	9.5	12.9	3.4		12.8	3.3		
C5		13	0	9.5	12.8	3.3		12.9	3.4		
C6		13	0	9.5	12.7	3.2		12.8	3.3		
C7		13	0	9.5	12.9	3.4		12.7	3.2		
C8		13	0	9.5	12.8	3.3		12.7	3.2		
C9		13	0	9.5	12.7	3.2		12.8	3.3		
COAMING TOP PLATE											
T1-W		20	0	16	19.7	3.7		19.7	3.7		
F		20	0	17.5	19.9	2.4		19.8	2.3		
T2-W		20	0	16	19.7	3.7		19.7	3.7		
F		20	0	17.5	19.8	2.3		19.7	2.2		
T3-W		20	0	16	19.7	3.7		19.8	3.8		
F		20	0	17.5	19.8	2.3		19.7	2.2		
T4-W		20	0	16	19.9	3.9		19.8	3.8		
F		20	0	17.5	19.7	2.2		19.8	2.3		
T5-W		20	0	16	19.8	3.8		19.9	3.9		
F		20	0	17.5	19.7	2.2		19.8	2.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 2						
Location of Structure :					Hatch Coaming NO.2 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
T6-W		20	0	16	19.8	3.8		19.7	3.7		
F		20	0	17.5	19.7	2.2		19.8	2.3		
T7-W		20	0	16	19.9	3.9		19.7	3.7		
F		20	0	17.5	19.8	2.3		19.8	2.3		
T8-W		20	0	16	19.7	3.7		19.8	3.8		
F		20	0	17.5	19.7	2.2		19.8	2.3		
T9-W		20	0	16	19.9	3.9		19.7	3.7		
F		20	0	17.5	19.7	2.2		19.8	2.3		
COAMING STAYS											
S0-W		15	0	12.5	14.7	2.2					
F		13	0	10.5	12.8	2.3					
S1-W		15	0	12.5	14.8	2.3		14.8	2.3		
F		13	0	10.5	12.7	2.2		12.7	2.2		
S2-W		15	0	12.5	14.8	2.3		14.8	2.3		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S3-W		15	0	12.5	14.7	2.2		14.7	2.2		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S4-W		15	0	12.5	14.8	2.3		14.7	2.2		
F		13	0	10.5	12.7	2.2		12.7	2.2		
S5-W		15	0	12.5	14.7	2.2		14.8	2.3		
F		13	0	10.5	12.8	2.3		12.8	2.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 2						
Location of Structure :					Hatch Coaming NO.2 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
S6-W		17	0	14.5	16.7	2.2		16.8	2.3		
F		13	0	10.5	12.8	2.3		12.7	2.2		
S7-W		17	0	14.5	16.8	2.3		16.8	2.3		
F		13	0	10.5	12.7	2.2		12.8	2.3		
S8-W		17	0	14.5	16.8	2.3		16.7	2.2		
F		13	0	10.5	12.7	2.2		12.8	2.3		
S9-W		15	0	12.5	14.8	2.3		14.7	2.2		
F		15	0	12.5	14.9	2.4		14.8	2.3		
S10-W		15	0	12.5	14.8	2.3		14.7	2.2		
F		15	0	12.5	14.8	2.3		14.8	2.3		
S11-W		17	0	14.5	16.8	2.3		16.7	2.2		
F		13	0	10.5	12.7	2.2		12.8	2.3		
S12-W		17	0	14.5	16.8	2.3		16.8	2.3		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S13-W		17	0	14.5	16.7	2.2		16.9	2.4		
F		13	0	10.5	12.8	2.3		12.7	2.2		
S14-W		15	0	12.5	14.7	2.2		14.9	2.4		
F		13	0	10.5	12.9	2.4		12.7	2.2		
S15-W		15	0	12.5	14.8	2.3		14.9	2.4		
F		13	0	10.5	12.7	2.2		12.8	2.3		
S16-W		15	0	12.5	14.9	2.4		14.7	2.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

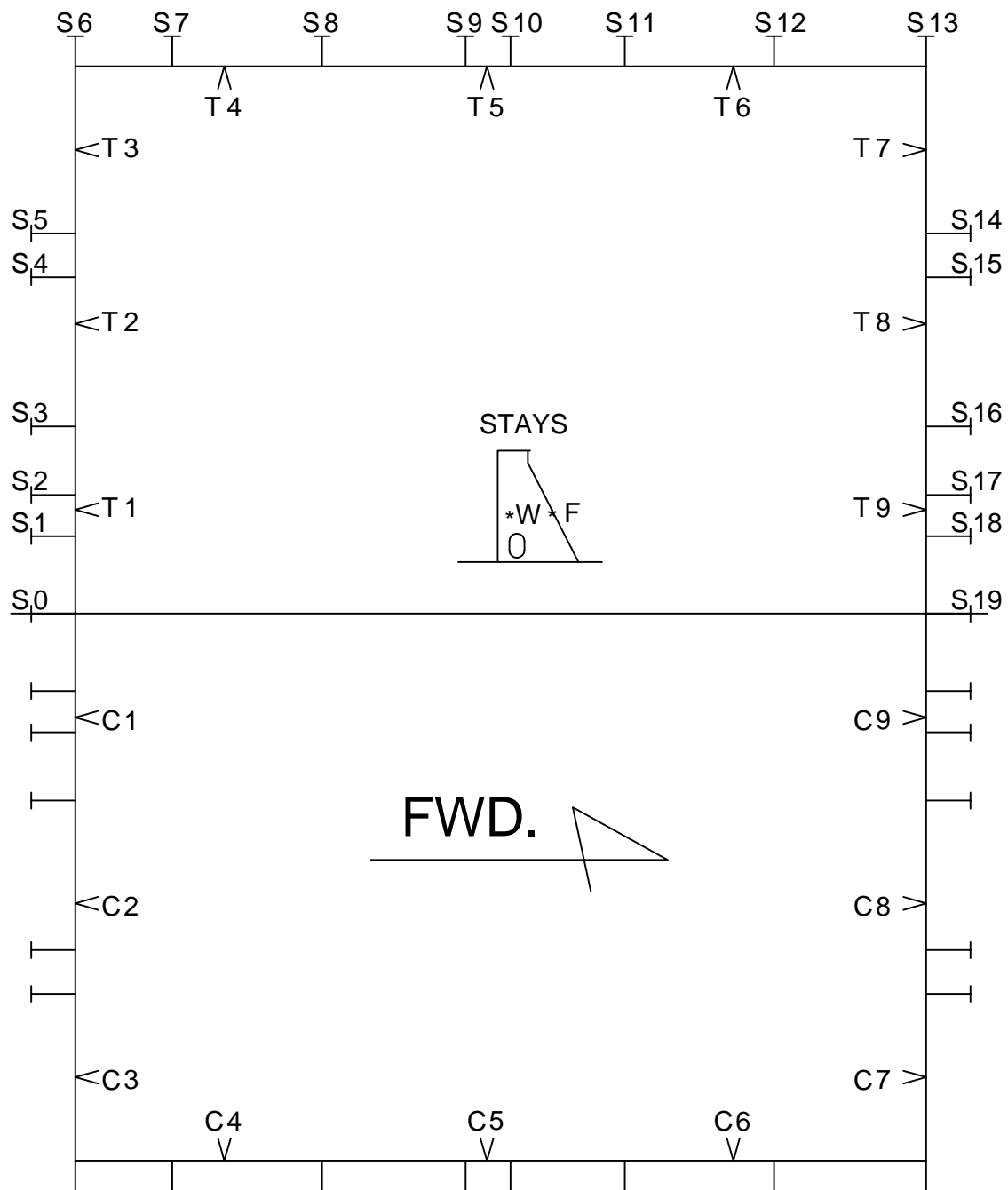
TM Report No : ZSN2066110

Hatch Covers and Coamings - Hatch No. 2

TM Sketches

The diagram illustrates a 2D hexagonal lattice structure. The vertical axis represents layers, labeled L1 through L20. The horizontal axis represents time steps, labeled T1 through T7. The lattice is depicted as a grid of dashed lines. The labels L1 through L20 are positioned along the right edge, and the labels T1 through T7 are positioned along the bottom edge. The diagram shows the spatial and temporal extent of the system.

No.2-8 C/H HATCH COAMING





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Hatch Covers and Coamings - Hatch No. 3

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 3						
Location of Structure :					Hatch Cover NO.3 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
PLATE											
1		12	0	10	11.7	1.7		11.8	1.8		
2		12	0	10	11.8	1.8		11.7	1.7		
3		14	0	12	13.7	1.7		13.7	1.7		
4		14	0	12	13.7	1.7		13.8	1.8		
5		14	0	12	13.9	1.9		13.9	1.9		
6		12	0	10	11.7	1.7		11.8	1.8		
7		12	0	10	11.8	1.8		11.9	1.9		
8		12	0	10	11.8	1.8		11.8	1.8		
9		12	0	10	11.7	1.7		11.7	1.7		
10		12	0	10	11.9	1.9		11.8	1.8		
11		12	0	10	11.8	1.8		11.8	1.8		
12		12	0	10	11.7	1.7		11.7	1.7		
13		12	0	10	11.8	1.8		11.7	1.7		
14		12	0	10	11.8	1.8		11.8	1.8		
15		10	0	8	9.8	1.8		9.7	1.7		
16		10	0	8	9.9	1.9		9.8	1.8		
17		10	0	8	9.7	1.7		9.7	1.7		
18		10	0	8	9.9	1.9		9.8	1.8		
19		10	0	8	9.7	1.7		9.7	1.7		
20		10	0	8	9.9	1.9		9.7	1.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 3						
Location of Structure :					Hatch Cover NO.3 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
21		10	0	8	9.7	1.7		9.8	1.8		
22		10	0	8	9.8	1.8		9.8	1.8		
23		10	0	8	9.7	1.7		9.7	1.7		
24		10	0	8	9.9	1.9		9.8	1.8		
25		10	0	8	9.9	1.9		9.7	1.7		
26		10	0	8	9.8	1.8		9.8	1.8		
27		10	0	8	9.7	1.7		9.7	1.7		
28		10	0	8	9.8	1.8		9.8	1.8		
29		10	0	8	9.9	1.9		9.9	1.9		
30		10	0	8	9.8	1.8		9.8	1.8		
31		10	0	8	9.7	1.7		9.7	1.7		
32		10	0	8	9.8	1.8		9.7	1.7		
33		10	0	8	9.9	1.9		9.8	1.8		
34		10	0	8	9.7	1.7		9.8	1.8		
35		10	0	8	9.9	1.9		9.7	1.7		
36		10	0	8	9.7	1.7		9.8	1.8		
37		10	0	8	9.8	1.8		9.7	1.7		
COVER STIFFENERS											
L2-W		10	0	8	9.7	1.7		9.7	1.7		
F		10	0	8	9.8	1.8		9.8	1.8		
L3-W		10	0	8	9.8	1.8		9.9	1.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 3						
Location of Structure :					Hatch Cover NO.3 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
F		10	0	8	9.8	1.8		9.8	1.8		
L4-W		10	0	8	9.7	1.7		9.8	1.8		
F		10	0	8	9.8	1.8		9.8	1.8		
L5-W		10	0	8	9.8	1.8		9.8	1.8		
F		10	0	8	9.9	1.9		9.7	1.7		
L6-W		10	0	8	9.8	1.8		9.9	1.9		
F		10	0	8	9.7	1.7		9.8	1.8		
L7-W		7	0	5	6.8	1.8		6.8	1.8		
F		7	0	5	6.8	1.8		6.8	1.8		
L8-W		9	0	7	8.8	1.8		8.7	1.7		
F		40	0	38	39.7	1.7		39.8	1.8		
L9-W		7	0	5	6.7	1.7		6.8	1.8		
F		7	0	5	6.8	1.8		6.8	1.8		
L10-W		7	0	5	6.8	1.8		6.7	1.7		
F		7	0	5	6.9	1.9		6.8	1.8		
L11-W		7	0	5	6.7	1.7		6.9	1.9		
F		7	0	5	6.8	1.8		6.7	1.7		
L12-W		7	0	5	6.7	1.7		6.8	1.8		
F		7	0	5	6.8	1.8		6.9	1.9		
L13-W		7	0	5	6.9	1.9		6.8	1.8		
F		7	0	5	6.8	1.8		6.7	1.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 3						
Location of Structure :					Hatch Cover NO.3 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
L14-W		7	0	5	6.8	1.8		6.8	1.8		
F		20	0	18	19.7	1.7		19.8	1.8		
L15-W		7	0	5	6.8	1.8		6.8	1.8		
F		7	0	5	6.7	1.7		6.8	1.8		
L16-W		7	0	5	6.8	1.8		6.9	1.9		
F		7	0	5	6.8	1.8		6.7	1.7		
L17-W		7	0	5	6.9	1.9		6.8	1.8		
F		7	0	5	6.8	1.8		6.7	1.7		
L18-W		7	0	5	6.7	1.7		6.8	1.8		
F		7	0	5	6.8	1.8		6.9	1.9		
L19-W		7	0	5	6.8	1.8		6.8	1.8		
F		7	0	5	6.7	1.7		6.7	1.7		
L20-W		7	0	5	6.8	1.8		6.8	1.8		
F		7	0	5	6.8	1.8		6.8	1.8		
T1-W		8	0	6	7.7	1.7		7.8	1.8		
F		10	0	8	9.8	1.8		9.9	1.9		
T2-W		7	0	5	6.8	1.8		6.8	1.8		
F		14	0	12	13.9	1.9		13.8	1.8		
T3-W		7	0	5	6.8	1.8		6.8	1.8		
F		20	0	18	19.8	1.8		19.7	1.7		
T4-W		7	0	5	6.7	1.7		6.7	1.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 3						
Location of Structure :					Hatch Coaming NO.3 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
COAMING PLATE											
C1		13	0	9.5	12.7	3.2		12.7	3.2		
C2		13	0	9.5	12.8	3.3		12.9	3.4		
C3		13	0	9.5	12.9	3.4		12.7	3.2		
C4		13	0	9.5	12.7	3.2		12.8	3.3		
C5		13	0	9.5	12.7	3.2		12.7	3.2		
C6		13	0	9.5	12.8	3.3		12.7	3.2		
C7		13	0	9.5	12.7	3.2		12.8	3.3		
C8		13	0	9.5	12.9	3.4		12.9	3.4		
C9		13	0	9.5	12.8	3.3		12.7	3.2		
COAMING TOP PLATE											
T1-W		20	0	16	19.7	3.7		19.7	3.7		
F		20	0	17.5	19.9	2.4		19.7	2.2		
T2-W		20	0	16	19.7	3.7		19.8	3.8		
F		20	0	17.5	19.7	2.2		19.7	2.2		
T3-W		20	0	16	19.8	3.8		19.9	3.9		
F		20	0	17.5	19.7	2.2		19.8	2.3		
T4-W		20	0	16	19.8	3.8		19.7	3.7		
F		20	0	17.5	19.7	2.2		19.8	2.3		
T5-W		20	0	16	19.8	3.8		19.8	3.8		
F		20	0	17.5	19.9	2.4		19.7	2.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 3						
Location of Structure :					Hatch Coaming NO.3 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
T6-W		20	0	16	19.8	3.8		19.7	3.7		
F		20	0	17.5	19.8	2.3		19.8	2.3		
T7-W		20	0	16	19.7	3.7		19.9	3.9		
F		20	0	17.5	19.9	2.4		19.7	2.2		
T8-W		20	0	16	19.9	3.9		19.7	3.7		
F		20	0	17.5	19.7	2.2		19.8	2.3		
T9-W		20	0	16	19.8	3.8		19.7	3.7		
F		20	0	17.5	19.7	2.2		19.8	2.3		
COAMING STAYS											
S0-W		15	0	12.5	14.9	2.4					
F		13	0	10.5	12.7	2.2					
S1-W		15	0	12.5	14.8	2.3		14.9	2.4		
F		13	0	10.5	12.7	2.2		12.7	2.2		
S2-W		15	0	12.5	14.7	2.2		14.9	2.4		
F		13	0	10.5	12.8	2.3		12.7	2.2		
S3-W		15	0	12.5	14.9	2.4		14.9	2.4		
F		13	0	10.5	12.9	2.4		12.8	2.3		
S4-W		15	0	12.5	14.7	2.2		14.8	2.3		
F		13	0	10.5	12.9	2.4		12.8	2.3		
S5-W		15	0	12.5	14.7	2.2		14.7	2.2		
F		13	0	10.5	12.9	2.4		12.7	2.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 3						
Location of Structure :					Hatch Coaming NO.3 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
S6-W		17	0	14.5	16.7	2.2		16.9	2.4		
F		13	0	10.5	12.9	2.4		12.8	2.3		
S7-W		17	0	14.5	16.8	2.3		16.8	2.3		
F		13	0	10.5	12.7	2.2		12.9	2.4		
S8-W		17	0	14.5	16.8	2.3		16.9	2.4		
F		13	0	10.5	12.9	2.4		12.7	2.2		
S9-W		15	0	12.5	14.7	2.2		14.7	2.2		
F		15	0	12.5	14.8	2.3		14.8	2.3		
S10-W		15	0	12.5	14.8	2.3		14.7	2.2		
F		15	0	12.5	14.7	2.2		14.8	2.3		
S11-W		17	0	14.5	16.8	2.3		16.7	2.2		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S12-W		17	0	14.5	16.8	2.3		16.8	2.3		
F		13	0	10.5	12.7	2.2		12.9	2.4		
S13-W		17	0	14.5	16.9	2.4		16.7	2.2		
F		13	0	10.5	12.7	2.2		12.8	2.3		
S14-W		15	0	12.5	14.7	2.2		14.9	2.4		
F		13	0	10.5	12.9	2.4		12.7	2.2		
S15-W		15	0	12.5	14.7	2.2		14.7	2.2		
F		13	0	10.5	12.9	2.4		12.8	2.3		
S16-W		15	0	12.5	14.7	2.2		14.9	2.4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

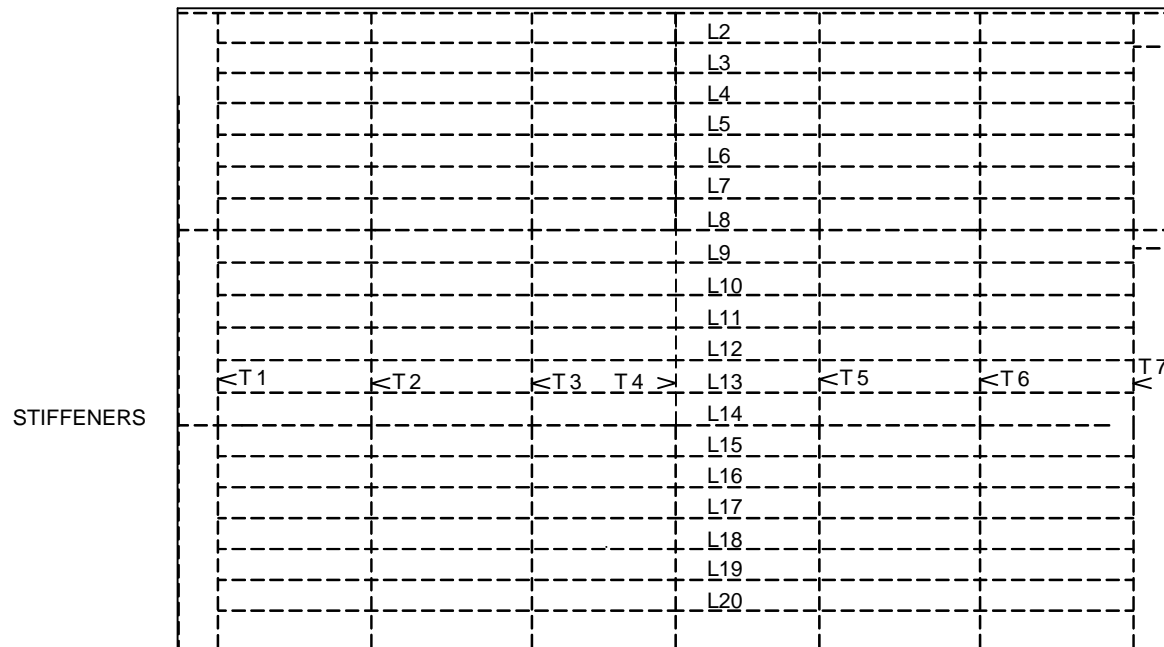
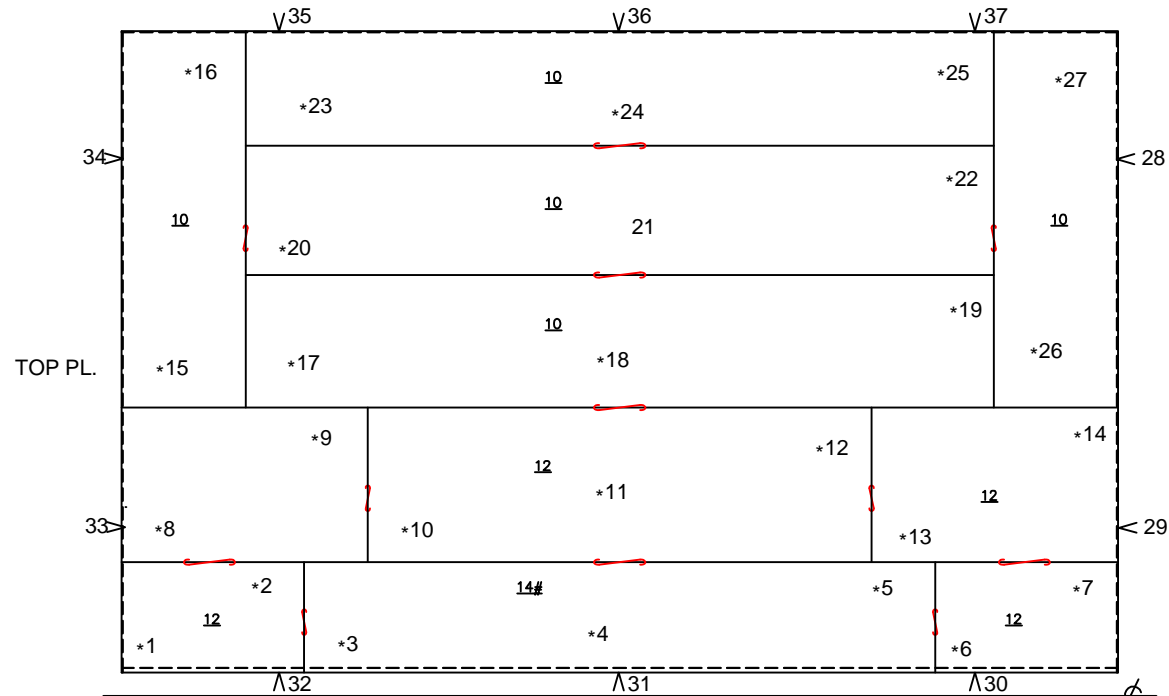
LR/IMO Number : 9492098

TM Report No : ZSN2066110

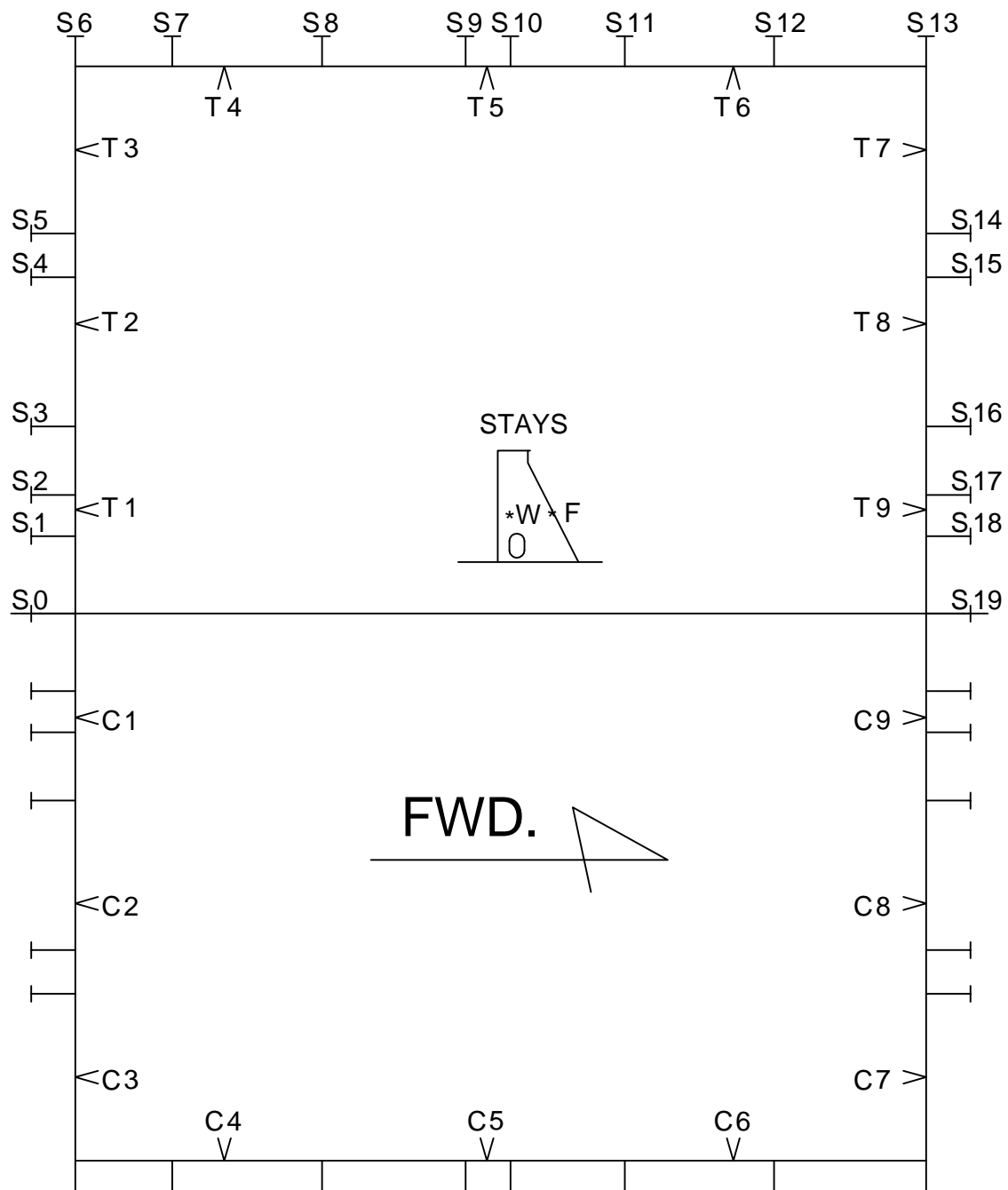
Hatch Covers and Coamings - Hatch No. 3

TM Sketches

No.3 C/H HATCH COVER



No.2-8 C/H HATCH COAMING





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Hatch Covers and Coamings - Hatch No. 4

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 4						
Location of Structure :					Hatch Cover NO.4 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
PLATE											
1		12	0	10	11.7	1.7		11.9	1.9		
2		12	0	10	11.9	1.9		11.7	1.7		
3		14	0	12	13.9	1.9		13.7	1.7		
4		14	0	12	13.7	1.7		13.8	1.8		
5		14	0	12	13.8	1.8		13.7	1.7		
6		12	0	10	11.7	1.7		11.8	1.8		
7		12	0	10	11.8	1.8		11.8	1.8		
8		12	0	10	11.8	1.8		11.7	1.7		
9		12	0	10	11.7	1.7		11.8	1.8		
10		12	0	10	11.8	1.8		11.7	1.7		
11		12	0	10	11.7	1.7		11.7	1.7		
12		12	0	10	11.8	1.8		11.8	1.8		
13		12	0	10	11.7	1.7		11.7	1.7		
14		12	0	10	11.8	1.8		11.8	1.8		
15		10	0	8	9.7	1.7		9.8	1.8		
16		10	0	8	9.8	1.8		9.7	1.7		
17		10	0	8	9.7	1.7		9.7	1.7		
18		10	0	8	9.8	1.8		9.8	1.8		
19		10	0	8	9.9	1.9		9.8	1.8		
20		10	0	8	9.7	1.7		9.7	1.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 4						
Location of Structure :					Hatch Cover NO.4 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
21		10	0	8	9.7	1.7		9.8	1.8		
22		10	0	8	9.8	1.8		9.7	1.7		
23		10	0	8	9.8	1.8		9.8	1.8		
24		10	0	8	9.7	1.7		9.8	1.8		
25		10	0	8	9.8	1.8		9.7	1.7		
26		10	0	8	9.8	1.8		9.7	1.7		
27		10	0	8	9.7	1.7		9.8	1.8		
28		10	0	8	9.8	1.8		9.9	1.9		
29		10	0	8	9.7	1.7		9.8	1.8		
30		10	0	8	9.8	1.8		9.7	1.7		
31		10	0	8	9.7	1.7		9.8	1.8		
32		10	0	8	9.8	1.8		9.7	1.7		
33		10	0	8	9.8	1.8		9.8	1.8		
34		10	0	8	9.7	1.7		9.8	1.8		
35		10	0	8	9.8	1.8		9.7	1.7		
36		10	0	8	9.7	1.7		9.9	1.9		
37		10	0	8	9.7	1.7		9.7	1.7		
COVER STIFFENERS											
L2-W		10	0	8	9.7	1.7		9.7	1.7		
F		10	0	8	9.8	1.8		9.7	1.7		
L3-W		10	0	8	9.7	1.7		9.8	1.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 4						
Location of Structure :					Hatch Cover NO.4 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
F		10	0	8	9.7	1.7		9.7	1.7		
L4-W		10	0	8	9.8	1.8		9.8	1.8		
F		10	0	8	9.8	1.8		9.9	1.9		
L5-W		10	0	8	9.7	1.7		9.8	1.8		
F		10	0	8	9.8	1.8		9.8	1.8		
L6-W		10	0	8	9.8	1.8		9.8	1.8		
F		10	0	8	9.9	1.9		9.8	1.8		
L7-W		7	0	5	6.8	1.8		6.8	1.8		
F		7	0	5	6.8	1.8		6.8	1.8		
L8-W		9	0	7	8.7	1.7		8.8	1.8		
F		40	0	38	39.8	1.8		39.8	1.8		
L9-W		7	0	5	6.8	1.8		6.7	1.7		
F		7	0	5	6.9	1.9		6.8	1.8		
L10-W		7	0	5	6.7	1.7		6.9	1.9		
F		7	0	5	6.8	1.8		6.8	1.8		
L11-W		7	0	5	6.7	1.7		6.8	1.8		
F		7	0	5	6.8	1.8		6.7	1.7		
L12-W		7	0	5	6.8	1.8		6.8	1.8		
F		7	0	5	6.9	1.9		6.9	1.9		
L13-W		7	0	5	6.8	1.8		6.8	1.8		
F		7	0	5	6.8	1.8		6.8	1.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 4						
Location of Structure :					Hatch Cover NO.4 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
L14-W		7	0	5	6.8	1.8		6.8	1.8		
F		20	0	18	19.7	1.7		19.7	1.7		
L15-W		7	0	5	6.8	1.8		6.8	1.8		
F		7	0	5	6.7	1.7		6.8	1.8		
L16-W		7	0	5	6.8	1.8		6.9	1.9		
F		7	0	5	6.8	1.8		6.8	1.8		
L17-W		7	0	5	6.7	1.7		6.7	1.7		
F		7	0	5	6.7	1.7		6.8	1.8		
L18-W		7	0	5	6.8	1.8		6.8	1.8		
F		7	0	5	6.7	1.7		6.7	1.7		
L19-W		7	0	5	6.8	1.8		6.8	1.8		
F		7	0	5	6.7	1.7		6.7	1.7		
L20-W		7	0	5	6.8	1.8		6.8	1.8		
F		7	0	5	6.8	1.8		6.8	1.8		
T1-W		8	0	6	7.7	1.7		7.7	1.7		
F		10	0	8	9.9	1.9		9.8	1.8		
T2-W		7	0	5	6.8	1.8		6.8	1.8		
F		14	0	12	13.8	1.8		13.7	1.7		
T3-W		7	0	5	6.7	1.7		6.9	1.9		
F		20	0	18	19.8	1.8		19.9	1.9		
T4-W		7	0	5	6.8	1.8		6.8	1.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Page 448 of 571



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 4						
Location of Structure :					Hatch Coaming NO.4 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
COAMING PLATE											
C1		13	0	9.5	12.8	3.3		12.7	3.2		
C2		13	0	9.5	12.8	3.3		12.8	3.3		
C3		13	0	9.5	12.7	3.2		12.9	3.4		
C4		13	0	9.5	12.9	3.4		12.7	3.2		
C5		13	0	9.5	12.8	3.3		12.7	3.2		
C6		13	0	9.5	12.8	3.3		12.9	3.4		
C7		13	0	9.5	12.9	3.4		12.8	3.3		
C8		13	0	9.5	12.8	3.3		12.7	3.2		
C9		13	0	9.5	12.9	3.4		12.8	3.3		
COAMING TOP PLATE											
T1-W		20	0	16	19.8	3.8		19.7	3.7		
F		20	0	17.5	19.7	2.2		19.8	2.3		
T2-W		20	0	16	19.8	3.8		19.7	3.7		
F		20	0	17.5	19.7	2.2		19.8	2.3		
T3-W		20	0	16	19.7	3.7		19.9	3.9		
F		20	0	17.5	19.8	2.3		19.8	2.3		
T4-W		20	0	16	19.8	3.8		19.7	3.7		
F		20	0	17.5	19.8	2.3		19.8	2.3		
T5-W		20	0	16	19.7	3.7		19.8	3.8		
F		20	0	17.5	19.7	2.2		19.7	2.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 4						
Location of Structure :					Hatch Coaming NO.4 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
T6-W		20	0	16	19.8	3.8		19.8	3.8		
F		20	0	17.5	19.9	2.4		19.9	2.4		
T7-W		20	0	16	19.7	3.7		19.8	3.8		
F		20	0	17.5	19.8	2.3		19.7	2.2		
T8-W		20	0	16	19.7	3.7		19.8	3.8		
F		20	0	17.5	19.7	2.2		19.7	2.2		
T9-W		20	0	16	19.8	3.8		19.8	3.8		
F		20	0	17.5	19.8	2.3		19.8	2.3		
COAMING STAYS											
S0-W		15	0	12.5	14.8	2.3					
F		13	0	10.5	13.8	3.3					
S1-W		15	0	12.5	14.8	2.3		14.7	2.2		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S2-W		15	0	12.5	14.8	2.3		14.7	2.2		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S3-W		15	0	12.5	14.7	2.2		14.8	2.3		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S4-W		15	0	12.5	14.8	2.3		14.8	2.3		
F		13	0	10.5	12.7	2.2		12.8	2.3		
S5-W		15	0	12.5	14.8	2.3		14.8	2.3		
F		13	0	10.5	12.7	2.2		12.8	2.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 4						
Location of Structure :					Hatch Coaming NO.4 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
S6-W		17	0	14.5	16.8	2.3		16.8	2.3		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S7-W		17	0	14.5	16.8	2.3		16.7	2.2		
F		13	0	10.5	12.7	2.2		12.8	2.3		
S8-W		17	0	14.5	16.8	2.3		16.6	2.1		
F		13	0	10.5	12.8	2.3		12.7	2.2		
S9-W		15	0	12.5	14.8	2.3		14.8	2.3		
F		15	0	12.5	14.7	2.2		14.8	2.3		
S10-W		15	0	12.5	14.8	2.3		14.7	2.2		
F		15	0	12.5	14.8	2.3		14.9	2.4		
S11-W		17	0	14.5	16.7	2.2		16.8	2.3		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S12-W		17	0	14.5	16.8	2.3		16.8	2.3		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S13-W		17	0	14.5	16.7	2.2		16.8	2.3		
F		13	0	10.5	12.8	2.3		12.7	2.2		
S14-W		15	0	12.5	14.8	2.3		14.8	2.3		
F		13	0	10.5	12.7	2.2		12.8	2.3		
S15-W		15	0	12.5	14.8	2.3		14.8	2.3		
F		13	0	10.5	12.8	2.3		12.7	2.2		
S16-W		15	0	12.5	14.7	2.2		14.9	2.4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

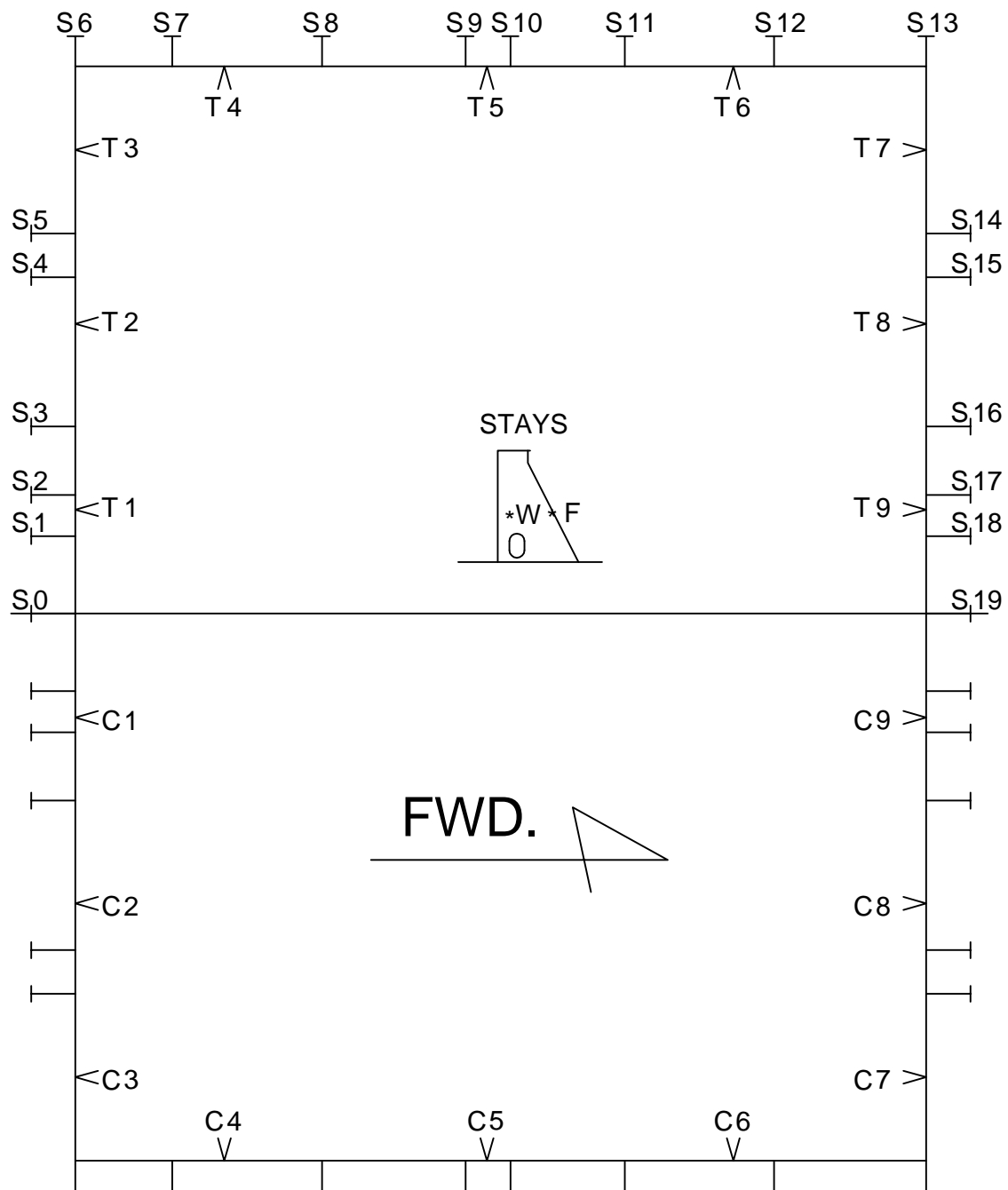
LR/IMO Number : 9492098

TM Report No : ZSN2066110

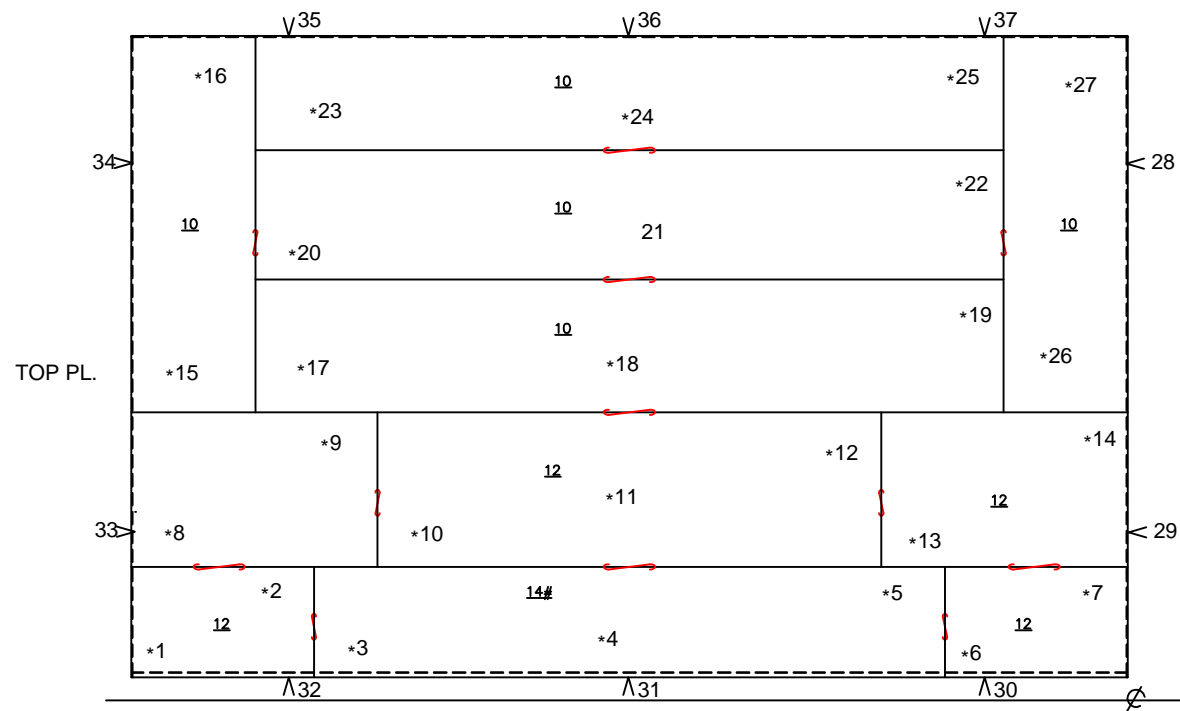
Hatch Covers and Coamings - Hatch No. 4

TM Sketches

No.2-8 C/H HATCH COAMING



No.4 C/H HATCH COVER



STIFFENERS



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Hatch Covers and Coamings - Hatch No. 5

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 5						
Location of Structure :					Hatch Cover NO.5 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
PLATE											
1		12	0	10	11.7	1.7		11.8	1.8		
2		12	0	10	11.8	1.8		11.7	1.7		
3		14	0	12	13.7	1.7		13.9	1.9		
4		14	0	12	13.9	1.9		13.8	1.8		
5		14	0	12	13.8	1.8		13.9	1.9		
6		12	0	10	11.8	1.8		11.7	1.7		
7		12	0	10	11.7	1.7		11.8	1.8		
8		12	0	10	11.9	1.9		11.7	1.7		
9		12	0	10	11.8	1.8		11.9	1.9		
10		12	0	10	11.7	1.7		11.8	1.8		
11		12	0	10	11.7	1.7		11.7	1.7		
12		12	0	10	11.8	1.8		11.9	1.9		
13		12	0	10	11.9	1.9		11.8	1.8		
14		12	0	10	11.7	1.7		11.7	1.7		
15		10	0	8	9.7	1.7		9.8	1.8		
16		10	0	8	9.8	1.8		9.9	1.9		
17		10	0	8	9.8	1.8		9.7	1.7		
18		10	0	8	9.7	1.7		9.7	1.7		
19		10	0	8	9.7	1.7		9.8	1.8		
20		10	0	8	9.9	1.9		9.7	1.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 5						
Location of Structure :					Hatch Cover NO.5 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
21		10	0	8	9.8	1.8		9.9	1.9		
22		10	0	8	9.7	1.7		9.8	1.8		
23		10	0	8	9.8	1.8		9.9	1.9		
24		10	0	8	9.9	1.9		9.8	1.8		
25		10	0	8	9.8	1.8		9.7	1.7		
26		10	0	8	9.7	1.7		9.7	1.7		
27		10	0	8	9.9	1.9		9.8	1.8		
28		10	0	8	9.7	1.7		9.9	1.9		
29		10	0	8	9.9	1.9		9.7	1.7		
30		10	0	8	9.8	1.8		9.9	1.9		
31		10	0	8	9.7	1.7		9.7	1.7		
32		10	0	8	9.8	1.8		9.9	1.9		
33		10	0	8	9.9	1.9		9.7	1.7		
34		10	0	8	9.7	1.7		9.9	1.9		
35		10	0	8	9.9	1.9		9.8	1.8		
36		10	0	8	9.8	1.8		9.7	1.7		
37		10	0	8	9.7	1.7		9.8	1.8		
COVER STIFFENERS											
L2-W		10	0	8	9.7	1.7		9.7	1.7		
F		10	0	8	9.8	1.8		9.8	1.8		
L3-W		10	0	8	9.8	1.8		9.8	1.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 5						
Location of Structure :					Hatch Cover NO.5 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
F		10	0	8	9.9	1.9		9.7	1.7		
L4-W		10	0	8	9.8	1.8		9.7	1.7		
F		10	0	8	9.7	1.7		9.8	1.8		
L5-W		10	0	8	9.9	1.9		9.7	1.7		
F		10	0	8	9.8	1.8		9.8	1.8		
L6-W		10	0	8	9.7	1.7		9.9	1.9		
F		10	0	8	9.8	1.8		9.7	1.7		
L7-W		7	0	5	6.7	1.7		6.8	1.8		
F		7	0	5	6.8	1.8		6.9	1.9		
L8-W		9	0	7	8.7	1.7		8.9	1.9		
F		40	0	38	39.8	1.8		39.7	1.7		
L9-W		7	0	5	6.7	1.7		6.8	1.8		
F		7	0	5	6.8	1.8		6.9	1.9		
L10-W		7	0	5	6.8	1.8		6.8	1.8		
F		7	0	5	6.8	1.8		6.7	1.7		
L11-W		7	0	5	6.9	1.9		6.8	1.8		
F		7	0	5	6.8	1.8		6.7	1.7		
L12-W		7	0	5	6.7	1.7		6.9	1.9		
F		7	0	5	6.8	1.8		6.8	1.8		
L13-W		7	0	5	6.9	1.9		6.7	1.7		
F		7	0	5	6.8	1.8		6.9	1.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 5						
Location of Structure :					Hatch Cover NO.5 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
L14-W		7	0	5	6.8	1.8		6.8	1.8		
F		20	0	18	19.8	1.8		19.8	1.8		
L15-W		7	0	5	6.7	1.7		6.8	1.8		
F		7	0	5	6.9	1.9		6.9	1.9		
L16-W		7	0	5	6.8	1.8		6.8	1.8		
F		7	0	5	6.7	1.7		6.7	1.7		
L17-W		7	0	5	6.9	1.9		6.7	1.7		
F		7	0	5	6.8	1.8		6.8	1.8		
L18-W		7	0	5	6.8	1.8		6.9	1.9		
F		7	0	5	6.8	1.8		6.8	1.8		
L19-W		7	0	5	6.7	1.7		6.8	1.8		
F		7	0	5	6.9	1.9		6.7	1.7		
L20-W		7	0	5	6.8	1.8		6.8	1.8		
F		7	0	5	6.8	1.8		6.9	1.9		
T1-W		8	0	6	7.7	1.7		7.7	1.7		
F		10	0	8	9.8	1.8		9.8	1.8		
T2-W		7	0	5	6.8	1.8		6.8	1.8		
F		14	0	12	13.8	1.8		13.9	1.9		
T3-W		7	0	5	6.7	1.7		6.9	1.9		
F		20	0	18	19.8	1.8		19.7	1.7		
T4-W		7	0	5	6.7	1.7		6.9	1.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 5						
Location of Structure :					Hatch Coaming NO.5 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
COAMING PLATE											
C1		13	0	9.5	12.7	3.2		12.8	3.3		
C2		13	0	9.5	12.8	3.3		12.7	3.2		
C3		13	0	9.5	12.7	3.2		12.9	3.4		
C4		13	0	9.5	12.9	3.4		12.7	3.2		
C5		13	0	9.5	12.7	3.2		12.8	3.3		
C6		13	0	9.5	12.8	3.3		12.7	3.2		
C7		13	0	9.5	12.7	3.2		12.8	3.3		
C8		13	0	9.5	12.8	3.3		12.9	3.4		
C9		13	0	9.5	12.8	3.3		12.7	3.2		
COAMING TOP PLATE											
T1-W		20	0	16	19.7	3.7		19.7	3.7		
F		20	0	17.5	19.9	2.4		19.7	2.2		
T2-W		20	0	16	19.7	3.7		19.8	3.8		
F		20	0	17.5	19.8	2.3		19.9	2.4		
T3-W		20	0	16	19.8	3.8		19.7	3.7		
F		20	0	17.5	19.7	2.2		19.8	2.3		
T4-W		20	0	16	19.8	3.8		19.8	3.8		
F		20	0	17.5	19.8	2.3		19.7	2.2		
T5-W		20	0	16	19.7	3.7		19.8	3.8		
F		20	0	17.5	19.8	2.3		19.8	2.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 5						
Location of Structure :					Hatch Coaming NO.5 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
T6-W		20	0	16	19.7	3.7		19.8	3.8		
F		20	0	17.5	19.8	2.3		19.7	2.2		
T7-W		20	0	16	19.7	3.7		19.7	3.7		
F		20	0	17.5	19.8	2.3		19.9	2.4		
T8-W		20	0	16	19.7	3.7		19.8	3.8		
F		20	0	17.5	19.9	2.4		19.7	2.2		
T9-W		20	0	16	19.7	3.7		19.9	3.9		
F		20	0	17.5	19.8	2.3		19.7	2.2		
COAMING STAYS											
S0-W		15	0	12.5	14.8	2.3					
F		13	0	10.5	12.7	2.2					
S1-W		15	0	12.5	14.8	2.3		14.7	2.2		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S2-W		15	0	12.5	14.7	2.2		14.7	2.2		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S3-W		15	0	12.5	14.7	2.2		14.9	2.4		
F		13	0	10.5	12.8	2.3		12.7	2.2		
S4-W		15	0	12.5	14.9	2.4		14.9	2.4		
F		13	0	10.5	12.7	2.2		12.8	2.3		
S5-W		15	0	12.5	14.9	2.4		14.7	2.2		
F		13	0	10.5	12.9	2.4		12.8	2.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 5						
Location of Structure :					Hatch Coaming NO.5 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
S6-W		17	0	14.5	16.7	2.2		16.9	2.4		
F		13	0	10.5	12.9	2.4		12.8	2.3		
S7-W		17	0	14.5	16.8	2.3		16.7	2.2		
F		13	0	10.5	12.7	2.2		12.9	2.4		
S8-W		17	0	14.5	16.8	2.3		16.9	2.4		
F		13	0	10.5	12.9	2.4		12.7	2.2		
S9-W		15	0	12.5	14.8	2.3		14.8	2.3		
F		15	0	12.5	14.9	2.4		14.7	2.2		
S10-W		15	0	12.5	14.8	2.3		14.9	2.4		
F		15	0	12.5	14.7	2.2		14.8	2.3		
S11-W		17	0	14.5	16.8	2.3		16.9	2.4		
F		13	0	10.5	12.9	2.4		12.8	2.3		
S12-W		17	0	14.5	16.8	2.3		16.7	2.2		
F		13	0	10.5	12.7	2.2		12.9	2.4		
S13-W		17	0	14.5	16.9	2.4		16.8	2.3		
F		13	0	10.5	12.8	2.3		12.7	2.2		
S14-W		15	0	12.5	14.7	2.2		14.8	2.3		
F		13	0	10.5	12.7	2.2		12.8	2.3		
S15-W		15	0	12.5	14.8	2.3		14.9	2.4		
F		13	0	10.5	12.8	2.3		12.7	2.2		
S16-W		15	0	12.5	14.9	2.4		14.7	2.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

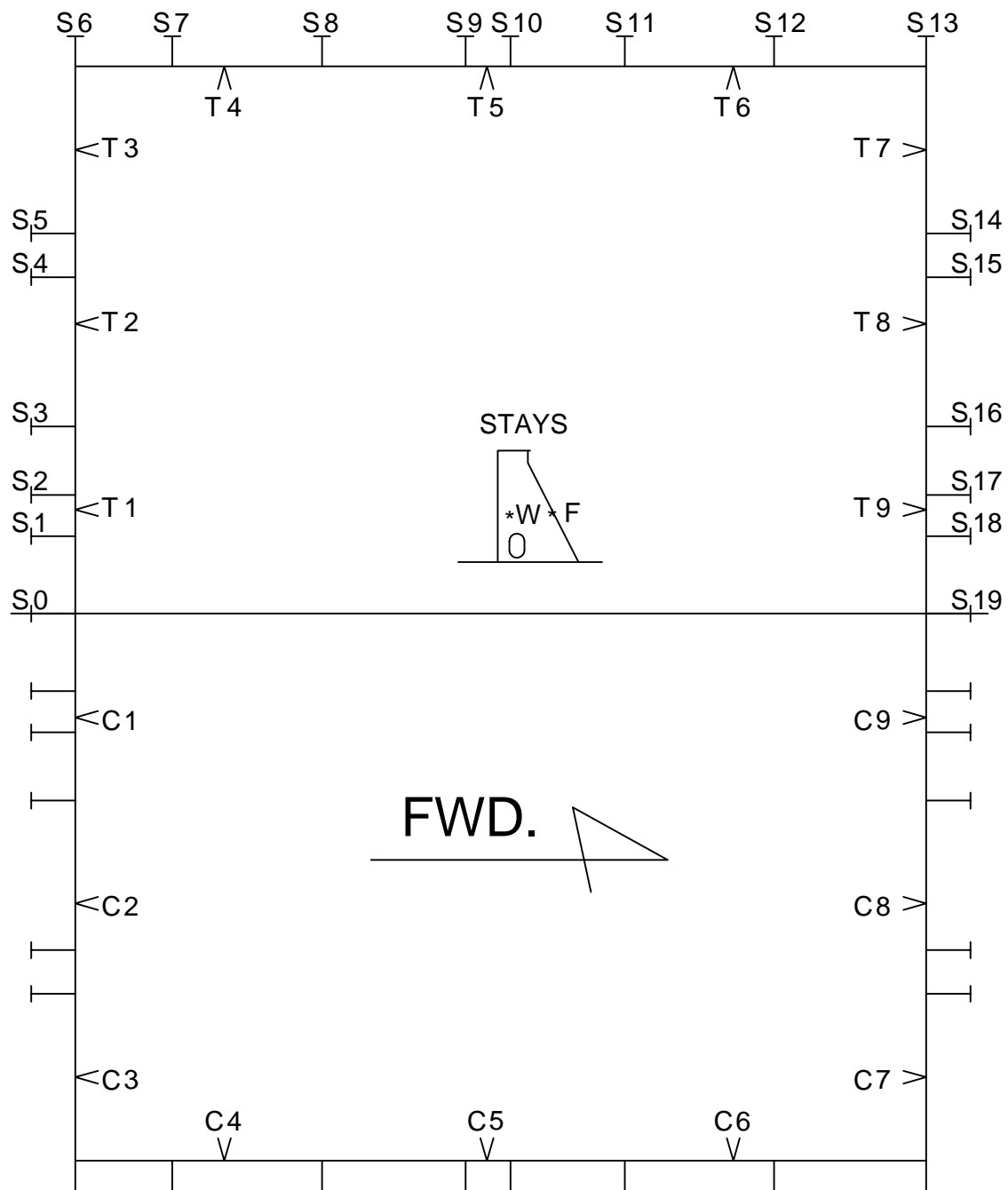
LR/IMO Number : 9492098

TM Report No : ZSN2066110

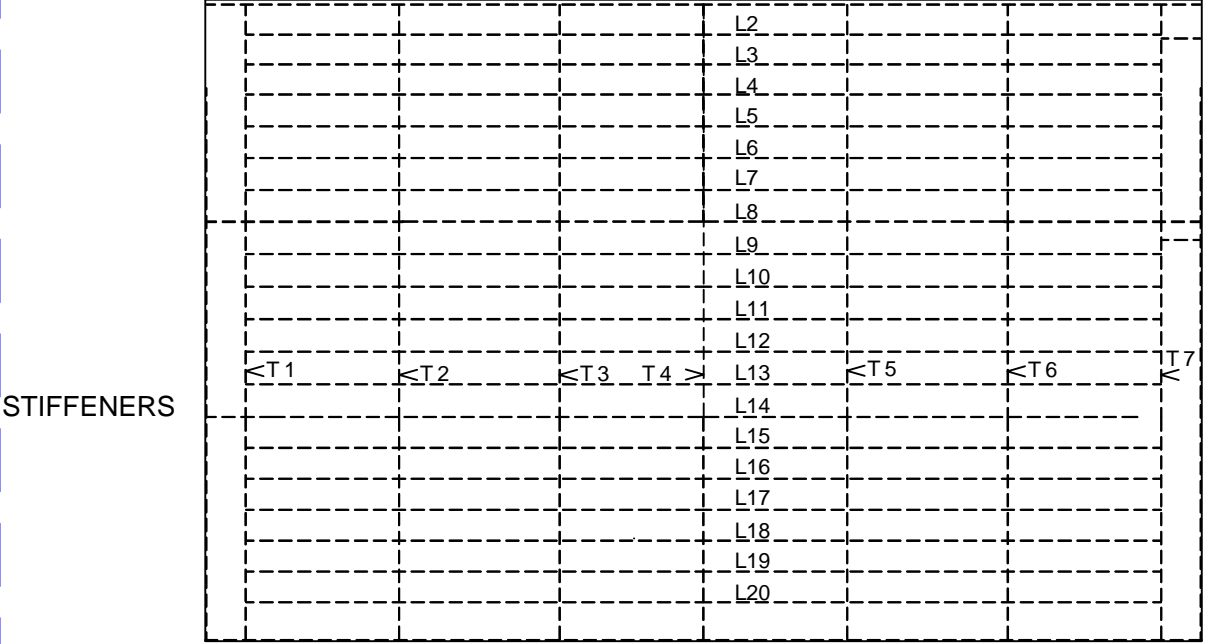
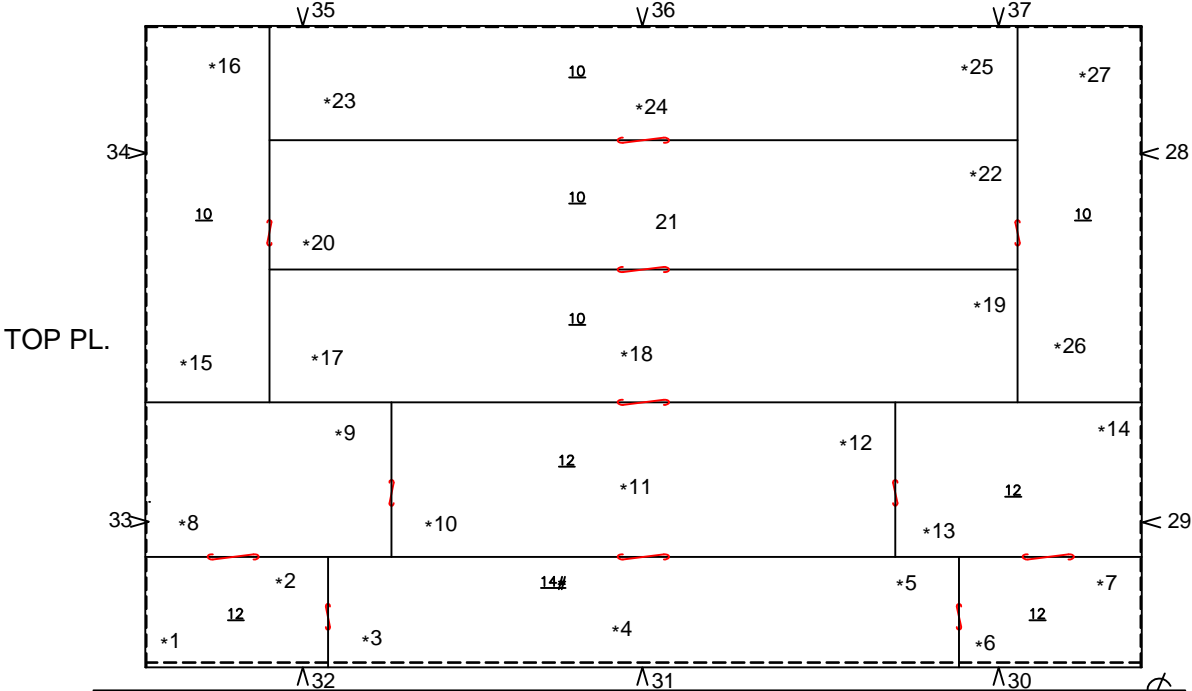
Hatch Covers and Coamings - Hatch No. 5

TM Sketches

No.2-8 C/H HATCH COAMING



No.5 C/H HATCH COVER





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Hatch Covers and Coamings - Hatch No. 6

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 6						
Location of Structure :					Hatch Cover NO.6 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
PLATE											
1		12	0	10	11.7	1.7		11.7	1.7		
2		12	0	10	11.8	1.8		11.7	1.7		
3		14	0	12	13.7	1.7		13.9	1.9		
4		14	0	12	13.8	1.8		13.8	1.8		
5		14	0	12	13.7	1.7		13.8	1.8		
6		12	0	10	11.8	1.8		11.7	1.7		
7		12	0	10	11.7	1.7		11.8	1.8		
8		12	0	10	11.9	1.9		11.8	1.8		
9		12	0	10	11.8	1.8		11.9	1.9		
10		12	0	10	11.7	1.7		11.7	1.7		
11		12	0	10	11.8	1.8		11.7	1.7		
12		12	0	10	11.9	1.9		11.8	1.8		
13		12	0	10	11.8	1.8		11.9	1.9		
14		12	0	10	11.8	1.8		11.8	1.8		
15		10	0	8	9.7	1.7		9.8	1.8		
16		10	0	8	9.8	1.8		9.7	1.7		
17		10	0	8	9.7	1.7		9.8	1.8		
18		10	0	8	9.7	1.7		9.8	1.8		
19		10	0	8	9.8	1.8		9.7	1.7		
20		10	0	8	9.7	1.7		9.8	1.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 6						
Location of Structure :					Hatch Cover NO.6 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
21		10	0	8	9.8	1.8		9.8	1.8		
22		10	0	8	9.7	1.7		9.7	1.7		
23		10	0	8	9.9	1.9		9.8	1.8		
24		10	0	8	9.8	1.8		9.9	1.9		
25		10	0	8	9.7	1.7		9.8	1.8		
26		10	0	8	9.8	1.8		9.7	1.7		
27		10	0	8	9.9	1.9		9.8	1.8		
28		10	0	8	9.7	1.7		9.9	1.9		
29		10	0	8	9.9	1.9		9.8	1.8		
30		10	0	8	9.7	1.7		9.8	1.8		
31		10	0	8	9.9	1.9		9.7	1.7		
32		10	0	8	9.7	1.7		9.9	1.9		
33		10	0	8	9.8	1.8		9.9	1.9		
34		10	0	8	9.7	1.7		9.8	1.8		
35		10	0	8	9.8	1.8		9.7	1.7		
36		10	0	8	9.7	1.7		9.8	1.8		
37		10	0	8	9.8	1.8		9.7	1.7		
COVER STIFFENERS											
L2-W		10	0	8	9.7	1.7		9.8	1.8		
F		10	0	8	9.8	1.8		9.8	1.8		
L3-W		10	0	8	9.8	1.8		9.7	1.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 6						
Location of Structure :					Hatch Cover NO.6 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
F		10	0	8	9.7	1.7		9.8	1.8		
L4-W		10	0	8	9.9	1.9		9.9	1.9		
F		10	0	8	9.8	1.8		9.8	1.8		
L5-W		10	0	8	9.7	1.7		9.7	1.7		
F		10	0	8	9.8	1.8		9.8	1.8		
L6-W		10	0	8	9.8	1.8		9.8	1.8		
F		10	0	8	9.9	1.9		9.8	1.8		
L7-W		10	0	8	9.7	1.7		9.9	1.9		
F		10	0	8	9.8	1.8		9.7	1.7		
L8-W		9	0	7	8.7	1.7		8.8	1.8		
F		40	0	38	39.8	1.8		39.8	1.8		
L9-W		10	0	8	9.7	1.7		9.7	1.7		
F		10	0	8	9.9	1.9		9.8	1.8		
L10-W		10	0	8	9.7	1.7		9.7	1.7		
F		10	0	8	9.8	1.8		9.9	1.9		
L11-W		10	0	8	9.9	1.9		9.8	1.8		
F		10	0	8	9.8	1.8		9.9	1.9		
L12-W		10	0	8	9.7	1.7		9.7	1.7		
F		10	0	8	9.8	1.8		9.8	1.8		
L13-W		10	0	8	9.9	1.9		9.7	1.7		
F		10	0	8	9.7	1.7		9.8	1.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 6						
Location of Structure :					Hatch Cover NO.6 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
L14-W		8	0	6	7.8	1.8		7.7	1.7		
F		20	0	18	19.8	1.8		19.8	1.8		
L15-W		10	0	8	9.7	1.7		9.8	1.8		
F		10	0	8	9.9	1.9		9.9	1.9		
L16-W		10	0	8	9.8	1.8		9.7	1.7		
F		10	0	8	9.8	1.8		9.8	1.8		
L17-W		10	0	8	9.7	1.7		9.7	1.7		
F		10	0	8	9.8	1.8		9.8	1.8		
L18-W		10	0	8	9.9	1.9		9.9	1.9		
F		10	0	8	9.8	1.8		9.8	1.8		
L19-W		10	0	8	9.7	1.7		9.8	1.8		
F		10	0	8	9.8	1.8		9.9	1.9		
L20-W		10	0	8	9.8	1.8		9.7	1.7		
F		10	0	8	9.9	1.9		9.7	1.7		
T1-W		8	0	6	7.8	1.8		7.7	1.7		
F		10	0	8	9.8	1.8		9.8	1.8		
T2-W		8	0	6	7.7	1.7		7.7	1.7		
F		14	0	12	13.8	1.8		13.8	1.8		
T3-W		8	0	6	7.7	1.7		7.7	1.7		
F		20	0	18	19.8	1.8		19.8	1.8		
T4-W		8	0	6	7.7	1.7		7.9	1.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 6						
Location of Structure :					Hatch Coaming NO.6 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
COAMING PLATE											
C1		13	0	9.5	12.7	3.2		12.7	3.2		
C2		13	0	9.5	12.7	3.2		12.7	3.2		
C3		13	0	9.5	12.8	3.3		12.8	3.3		
C4		13	0	9.5	12.7	3.2		12.9	3.4		
C5		13	0	9.5	12.8	3.3		12.7	3.2		
C6		13	0	9.5	12.9	3.4		12.8	3.3		
C7		13	0	9.5	12.8	3.3		12.7	3.2		
C8		13	0	9.5	12.8	3.3		12.8	3.3		
C9		13	0	9.5	12.7	3.2		12.7	3.2		
COAMING TOP PLATE											
T1-W		20	0	16	19.7	3.7		19.7	3.7		
F		20	0	17.5	19.8	2.3		19.7	2.2		
T2-W		20	0	16	19.9	3.9		19.8	3.8		
F		20	0	17.5	19.8	2.3		19.7	2.2		
T3-W		20	0	16	19.7	3.7		19.8	3.8		
F		20	0	17.5	19.8	2.3		19.7	2.2		
T4-W		20	0	16	19.7	3.7		19.8	3.8		
F		20	0	17.5	19.8	2.3		19.8	2.3		
T5-W		20	0	16	19.8	3.8		19.7	3.7		
F		20	0	17.5	19.7	2.2		19.8	2.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 6						
Location of Structure :					Hatch Coaming NO.6 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
T6-W		20	0	16	19.8	3.8		19.6	3.6		
F		20	0	17.5	19.9	2.4		19.8	2.3		
T7-W		20	0	16	19.7	3.7		19.8	3.8		
F		20	0	17.5	19.8	2.3		19.7	2.2		
T8-W		20	0	16	19.7	3.7		19.8	3.8		
F		20	0	17.5	19.7	2.2		19.8	2.3		
T9-W		20	0	16	19.8	3.8		19.9	3.9		
F		20	0	17.5	19.9	2.4		19.7	2.2		
COAMING STAYS											
S0-W		15	0	12.5	14.8	2.3					
F		13	0	10.5	12.7	2.2					
S1-W		15	0	12.5	14.8	2.3		14.9	2.4		
F		13	0	10.5	12.7	2.2		12.7	2.2		
S2-W		15	0	12.5	14.8	2.3		14.9	2.4		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S3-W		15	0	12.5	14.7	2.2		14.7	2.2		
F		13	0	10.5	12.8	2.3		12.9	2.4		
S4-W		15	0	12.5	14.9	2.4		14.7	2.2		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S5-W		15	0	12.5	14.7	2.2		14.9	2.4		
F		13	0	10.5	12.8	2.3		12.8	2.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 6						
Location of Structure :					Hatch Coaming NO.6 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
S6-W		17	0	14.5	16.8	2.3		16.8	2.3		
F		13	0	10.5	12.7	2.2		12.7	2.2		
S7-W		17	0	14.5	16.7	2.2		16.9	2.4		
F		13	0	10.5	12.9	2.4		12.8	2.3		
S8-W		17	0	14.5	16.7	2.2		16.9	2.4		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S9-W		15	0	12.5	14.7	2.2		14.7	2.2		
F		15	0	12.5	14.8	2.3		14.9	2.4		
S10-W		15	0	12.5	14.9	2.4		14.8	2.3		
F		15	0	12.5	14.7	2.2		14.7	2.2		
S11-W		17	0	14.5	16.8	2.3		16.9	2.4		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S12-W		17	0	14.5	16.7	2.2		16.7	2.2		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S13-W		17	0	14.5	16.7	2.2		16.7	2.2		
F		13	0	10.5	12.7	2.2		12.8	2.3		
S14-W		15	0	12.5	14.8	2.3		14.7	2.2		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S15-W		15	0	12.5	14.9	2.4		14.9	2.4		
F		13	0	10.5	12.8	2.3		12.8	2.3		
S16-W		15	0	12.5	14.8	2.3		14.7	2.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

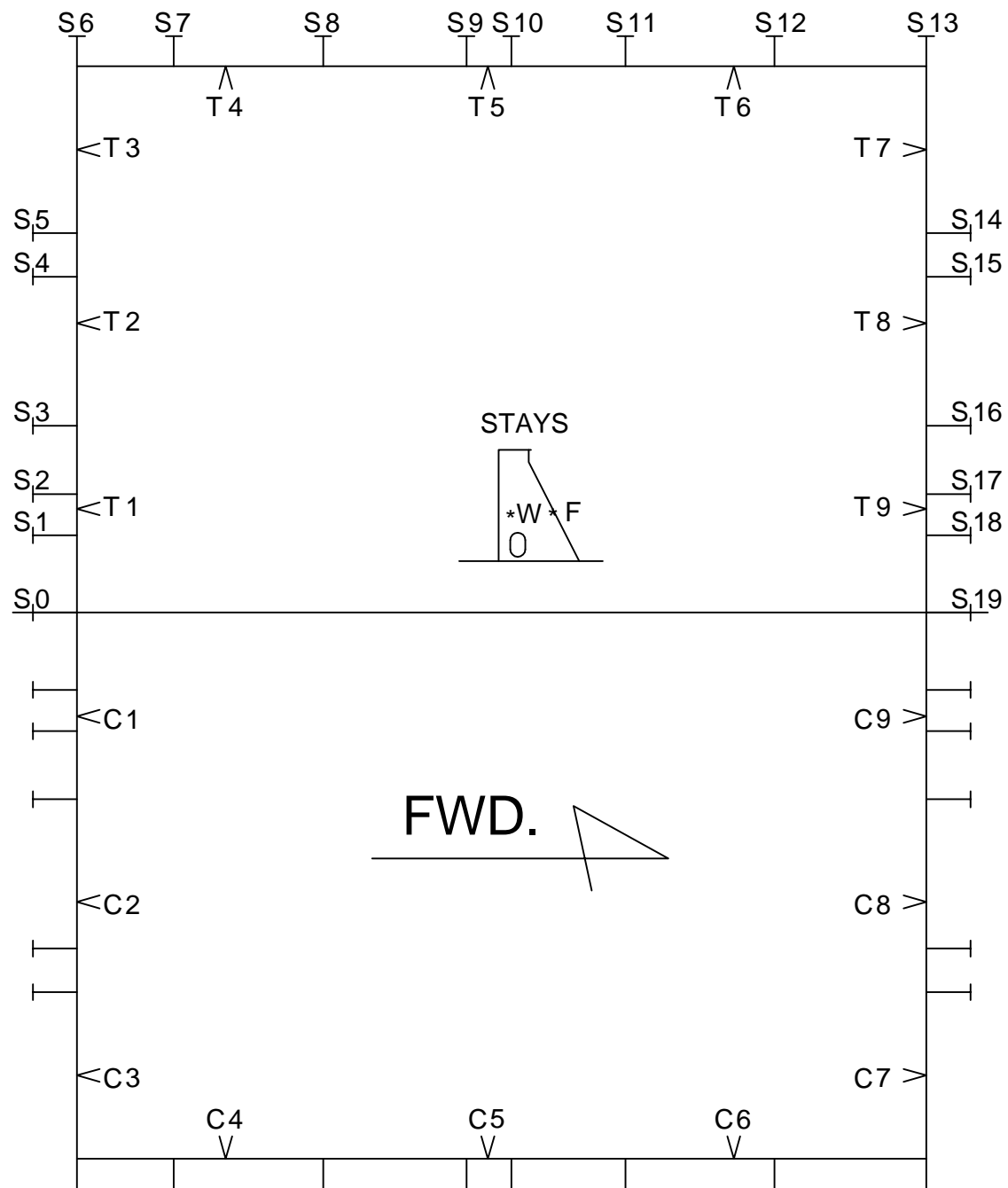
LR/IMO Number : 9492098

TM Report No : ZSN2066110

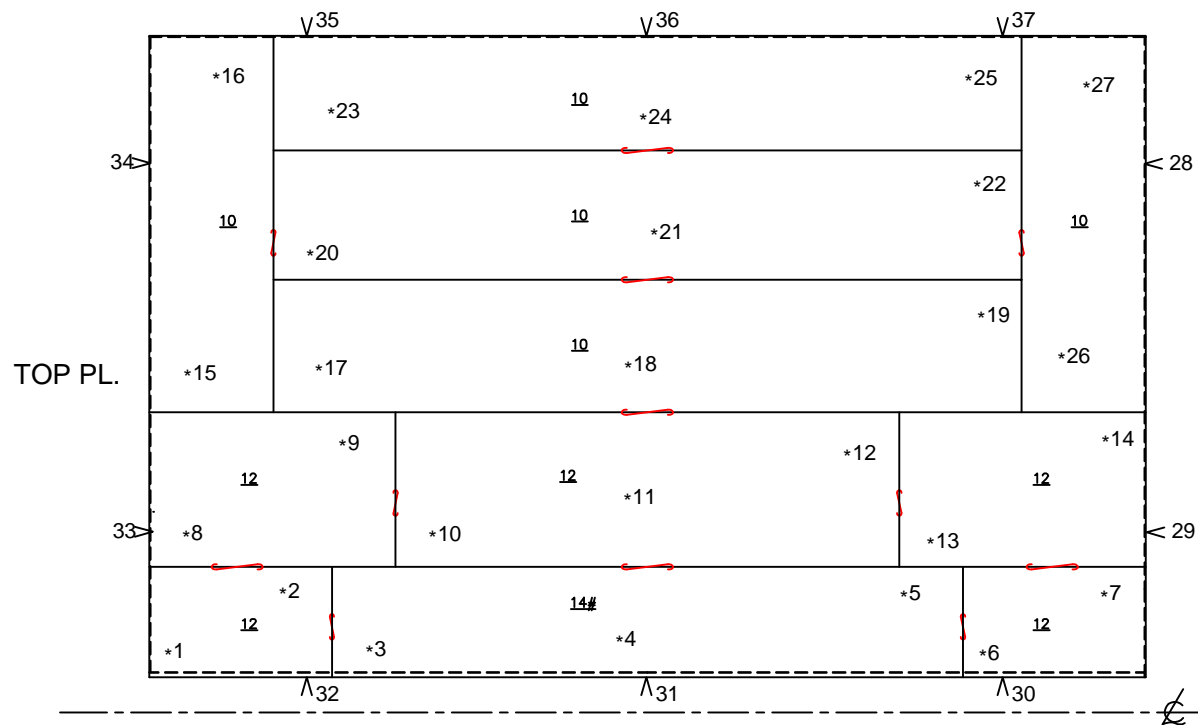
Hatch Covers and Coamings - Hatch No. 6

TM Sketches

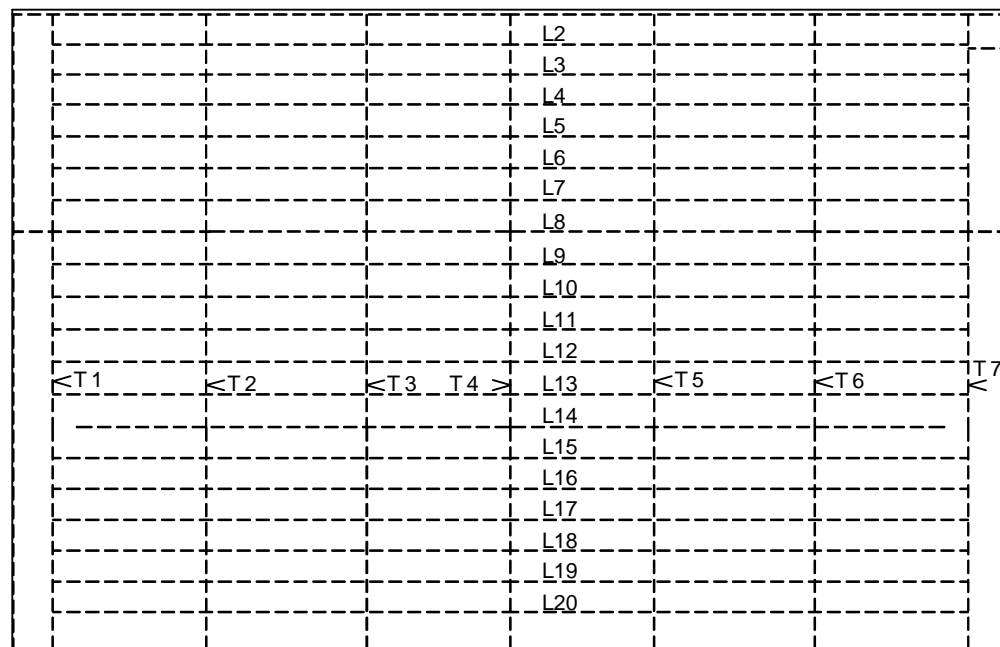
No.2-8 C/H HATCH COAMING



No.6 C/H HATCH COVER



STIFFENERS





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Hatch Covers and Coamings - Hatch No. 7

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 7						
Location of Structure :					Hatch Cover NO.7 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
PLATE											
1		12	0	10	11.7	1.7		11.7	1.7		
2		12	0	10	11.8	1.8		11.9	1.9		
3		14	0	12	13.7	1.7		13.8	1.8		
4		14	0	12	13.7	1.7		13.9	1.9		
5		14	0	12	13.8	1.8		13.7	1.7		
6		12	0	10	11.7	1.7		11.9	1.9		
7		12	0	10	11.8	1.8		11.7	1.7		
8		12	0	10	11.8	1.8		11.8	1.8		
9		12	0	10	11.7	1.7		11.7	1.7		
10		12	0	10	11.8	1.8		11.9	1.9		
11		12	0	10	11.7	1.7		11.7	1.7		
12		12	0	10	11.9	1.9		11.8	1.8		
13		12	0	10	11.8	1.8		11.7	1.7		
14		12	0	10	11.7	1.7		11.9	1.9		
15		10	0	8	9.7	1.7		10	2		
16		10	0	8	9.8	1.8		9.8	1.8		
17		10	0	8	9.8	1.8		9.7	1.7		
18		10	0	8	9.7	1.7		9.9	1.9		
19		10	0	8	9.8	1.8		9.9	1.9		
20		10	0	8	9.7	1.7		9.7	1.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 7						
Location of Structure :					Hatch Cover NO.7 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
21		10	0	8	9.8	1.8		9.8	1.8		
22		10	0	8	9.9	1.9		9.7	1.7		
23		10	0	8	9.7	1.7		9.9	1.9		
24		10	0	8	9.9	1.9		9.7	1.7		
25		10	0	8	9.8	1.8		9.8	1.8		
26		10	0	8	9.7	1.7		9.9	1.9		
27		10	0	8	9.9	1.9		9.8	1.8		
28		10	0	8	9.8	1.8		9.7	1.7		
29		10	0	8	9.7	1.7		9.8	1.8		
30		10	0	8	9.8	1.8		9.7	1.7		
31		10	0	8	9.9	1.9		9.8	1.8		
32		10	0	8	9.7	1.7		9.9	1.9		
33		10	0	8	9.9	1.9		9.7	1.7		
34		10	0	8	9.7	1.7		9.9	1.9		
35		10	0	8	9.9	1.9		9.8	1.8		
36		10	0	8	9.8	1.8		9.7	1.7		
37		10	0	8	9.7	1.7		9.8	1.8		
COVER STIFFENERS											
L2-W		10	0	8	9.7	1.7		9.7	1.7		
F		10	0	8	9.8	1.8		9.8	1.8		
L3-W		10	0	8	9.7	1.7		9.8	1.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 7						
Location of Structure :					Hatch Cover NO.7 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
F		10	0	8	9.8	1.8		9.9	1.9		
L4-W		10	0	8	9.7	1.7		9.8	1.8		
F		10	0	8	9.8	1.8		9.7	1.7		
L5-W		10	0	8	9.7	1.7		9.8	1.8		
F		10	0	8	9.8	1.8		9.8	1.8		
L6-W		10	0	8	9.7	1.7		9.9	1.9		
F		10	0	8	9.8	1.8		9.8	1.8		
L7-W		7	0	5	6.8	1.8		6.7	1.7		
F		7	0	5	6.7	1.7		6.8	1.8		
L8-W		9	0	7	8.8	1.8		8.9	1.9		
F		40	0	38	39.7	1.7		39.8	1.8		
L9-W		7	0	5	6.8	1.8		6.7	1.7		
F		7	0	5	6.8	1.8		6.8	1.8		
L10-W		7	0	5	6.9	1.9		6.7	1.7		
F		7	0	5	6.8	1.8		6.8	1.8		
L11-W		7	0	5	6.8	1.8		6.9	1.9		
F		7	0	5	6.7	1.7		6.7	1.7		
L12-W		7	0	5	6.8	1.8		6.8	1.8		
F		7	0	5	6.9	1.9		6.8	1.8		
L13-W		7	0	5	6.7	1.7		6.7	1.7		
F		7	0	5	6.8	1.8		6.8	1.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 7						
Location of Structure :					Hatch Cover NO.7 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
L14-W		7	0	5	6.9	1.9		6.8	1.8		
F		20	0	18	19.8	1.8		19.7	1.7		
L15-W		7	0	5	6.7	1.7		6.8	1.8		
F		7	0	5	6.8	1.8		6.8	1.8		
L16-W		7	0	5	6.9	1.9		6.7	1.7		
F		7	0	5	6.8	1.8		6.9	1.9		
L17-W		7	0	5	6.7	1.7		6.8	1.8		
F		7	0	5	6.8	1.8		6.7	1.7		
L18-W		7	0	5	6.9	1.9		6.8	1.8		
F		7	0	5	6.7	1.7		6.9	1.9		
L19-W		7	0	5	6.8	1.8		6.7	1.7		
F		7	0	5	6.9	1.9		6.8	1.8		
L20-W		7	0	5	6.8	1.8		6.7	1.7		
F		7	0	5	6.7	1.7		6.8	1.8		
T1-W		8	0	6	7.7	1.7		7.8	1.8		
F		10	0	8	9.8	1.8		9.8	1.8		
T2-W		7	0	5	6.8	1.8		6.7	1.7		
F		14	0	12	13.7	1.7		13.8	1.8		
T3-W		7	0	5	6.7	1.7		6.9	1.9		
F		20	0	18	19.8	1.8		19.7	1.7		
T4-W		7	0	5	6.8	1.8		6.8	1.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 7						
Location of Structure :					Hatch Coaming NO.7 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
COAMING PLATE											
C1		13	0	9.5	12.7	3.2		12.7	3.2		
C2		13	0	9.5	12.8	3.3		12.9	3.4		
C3		13	0	9.5	12.7	3.2		12.7	3.2		
C4		13	0	9.5	12.7	3.2		12.9	3.4		
C5		13	0	9.5	12.8	3.3		12.8	3.3		
C6		13	0	9.5	12.7	3.2		12.8	3.3		
C7		13	0	9.5	12.8	3.3		12.7	3.2		
C8		13	0	9.5	12.8	3.3		12.7	3.2		
C9		13	0	9.5	12.7	3.2		12.8	3.3		
COAMING TOP PLATE											
T1-W		20	0	16	19.8	3.8		19.7	3.7		
F		20	0	17.5	19.7	2.2		19.8	2.3		
T2-W		20	0	16	19.8	3.8		19.9	3.9		
F		20	0	17.5	19.7	2.2		19.8	2.3		
T3-W		20	0	16	19.8	3.8		19.7	3.7		
F		20	0	17.5	19.8	2.3		19.8	2.3		
T4-W		20	0	16	19.7	3.7		19.8	3.8		
F		20	0	17.5	19.8	2.3		19.7	2.2		
T5-W		20	0	16	19.7	3.7		19.8	3.8		
F		20	0	17.5	19.8	2.3		19.8	2.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 7						
Location of Structure :					Hatch Coaming NO.7 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
T6-W		20	0	16	19.8	3.8		19.8	3.8		
F		20	0	17.5	19.9	2.4		19.7	2.2		
T7-W		20	0	16	19.7	3.7		19.8	3.8		
F		20	0	17.5	19.9	2.4		19.7	2.2		
T8-W		20	0	16	19.8	3.8		19.8	3.8		
F		20	0	17.5	19.8	2.3		19.9	2.4		
T9-W		20	0	16	19.7	3.7		19.8	3.8		
F		20	0	17.5	19.8	2.3		19.7	2.2		
COAMING STAYS											
S0-W		15	0	12.5	14.8	2.3					
F		13	0	10.5	12.9	2.4					
S1-W		15	0	12.5	14.8	2.3		14.7	2.2		
F		13	0	10.5	12.7	2.2		12.8	2.3		
S2-W		15	0	12.5	14.9	2.4		14.7	2.2		
F		13	0	10.5	12.8	2.3		12.9	2.4		
S3-W		15	0	12.5	14.9	2.4		14.8	2.3		
F		13	0	10.5	12.7	2.2		12.9	2.4		
S4-W		15	0	12.5	14.9	2.4		14.7	2.2		
F		13	0	10.5	12.8	2.3		12.9	2.4		
S5-W		15	0	12.5	14.9	2.4		14.8	2.3		
F		13	0	10.5	12.7	2.2		12.9	2.4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 7						
Location of Structure :					Hatch Coaming NO.7 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
S6-W		17	0	14.5	16.8	2.3		16.7	2.2		
F		13	0	10.5	12.7	2.2		12.9	2.4		
S7-W		17	0	14.5	16.9	2.4		16.8	2.3		
F		13	0	10.5	12.8	2.3		12.7	2.2		
S8-W		17	0	14.5	16.7	2.2		16.9	2.4		
F		13	0	10.5	12.9	2.4		12.7	2.2		
S9-W		15	0	12.5	14.8	2.3		14.9	2.4		
F		15	0	12.5	14.9	2.4		14.7	2.2		
S10-W		15	0	12.5	14.7	2.2		14.9	2.4		
F		15	0	12.5	14.9	2.4		14.7	2.2		
S11-W		17	0	14.5	16.7	2.2		16.8	2.3		
F		13	0	10.5	12.8	2.3		12.9	2.4		
S12-W		17	0	14.5	16.9	2.4		16.7	2.2		
F		13	0	10.5	12.7	2.2		12.9	2.4		
S13-W		17	0	14.5	16.8	2.3		16.7	2.2		
F		13	0	10.5	12.9	2.4		12.7	2.2		
S14-W		15	0	12.5	14.8	2.3		14.9	2.4		
F		13	0	10.5	12.9	2.4		12.7	2.2		
S15-W		15	0	12.5	14.7	2.2		14.8	2.3		
F		13	0	10.5	12.9	2.4		12.9	2.4		
S16-W		15	0	12.5	14.8	2.3		14.7	2.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

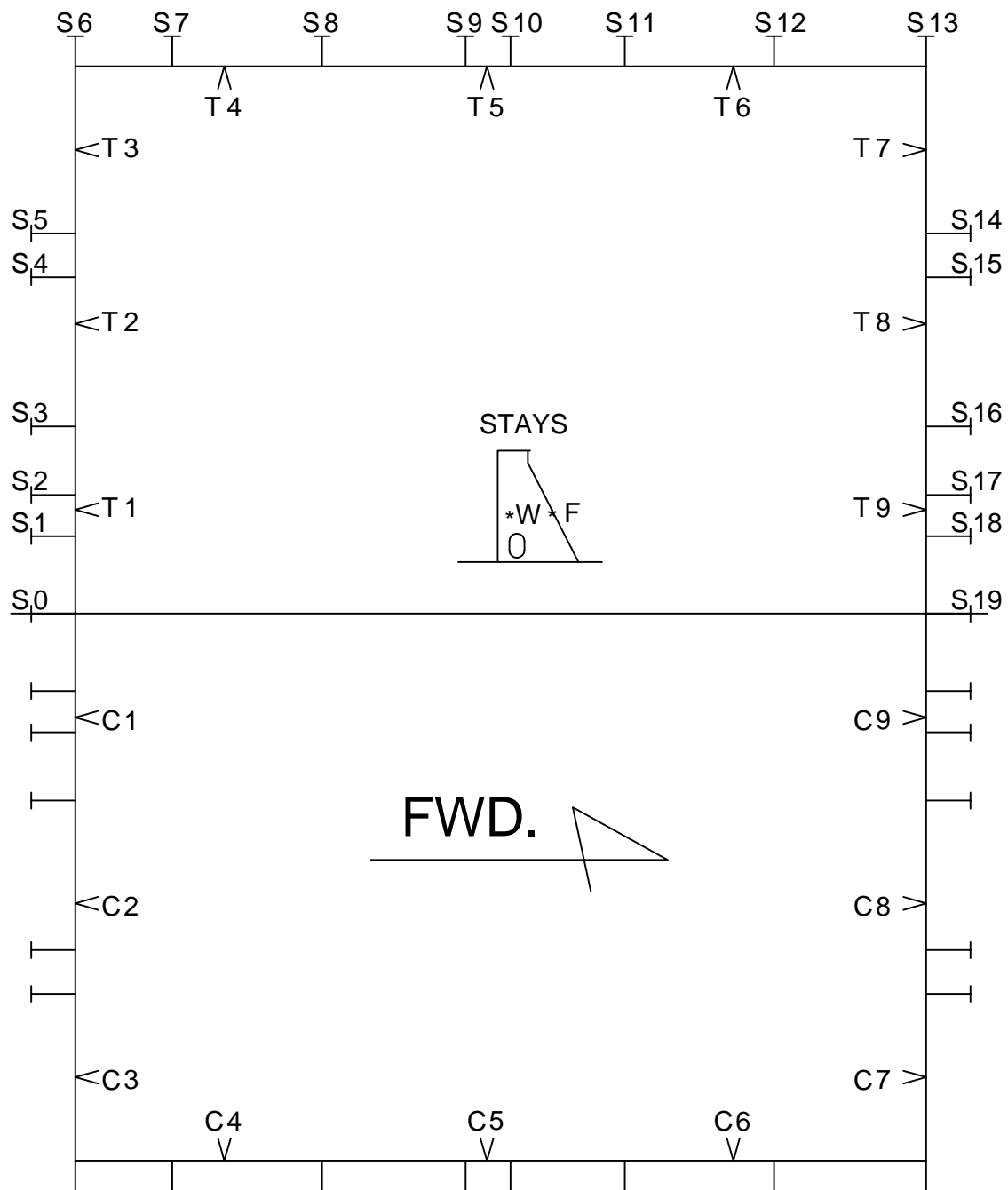
LR/IMO Number : 9492098

TM Report No : ZSN2066110

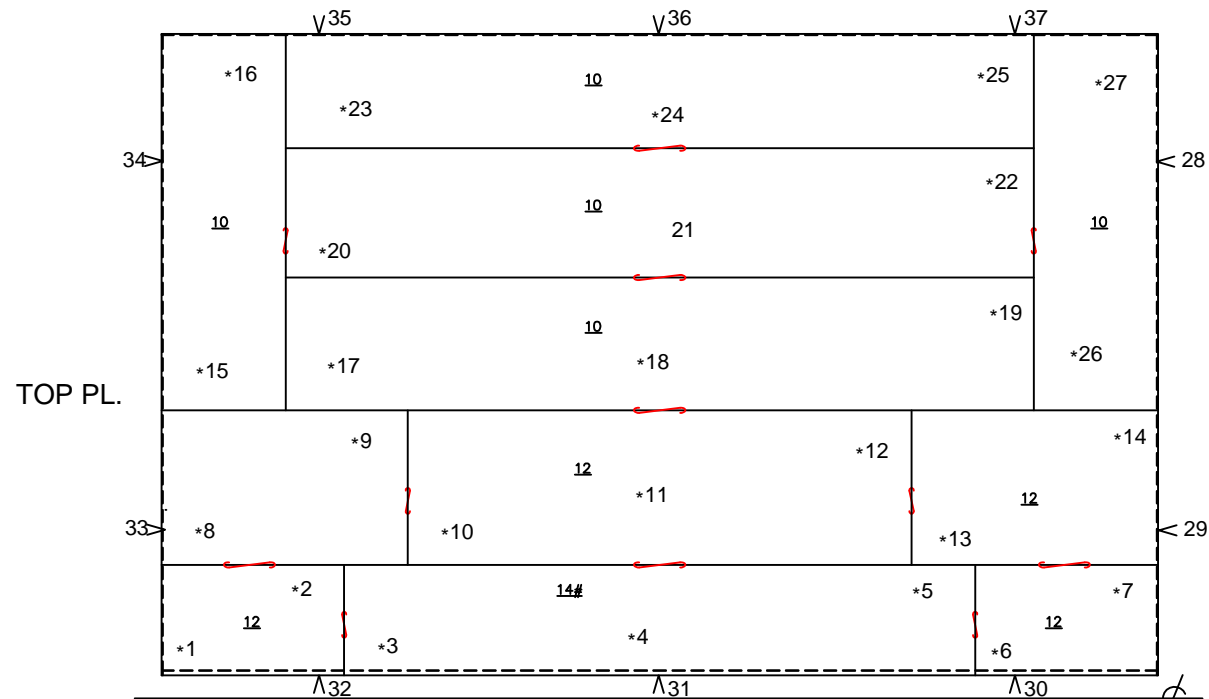
Hatch Covers and Coamings - Hatch No. 7

TM Sketches

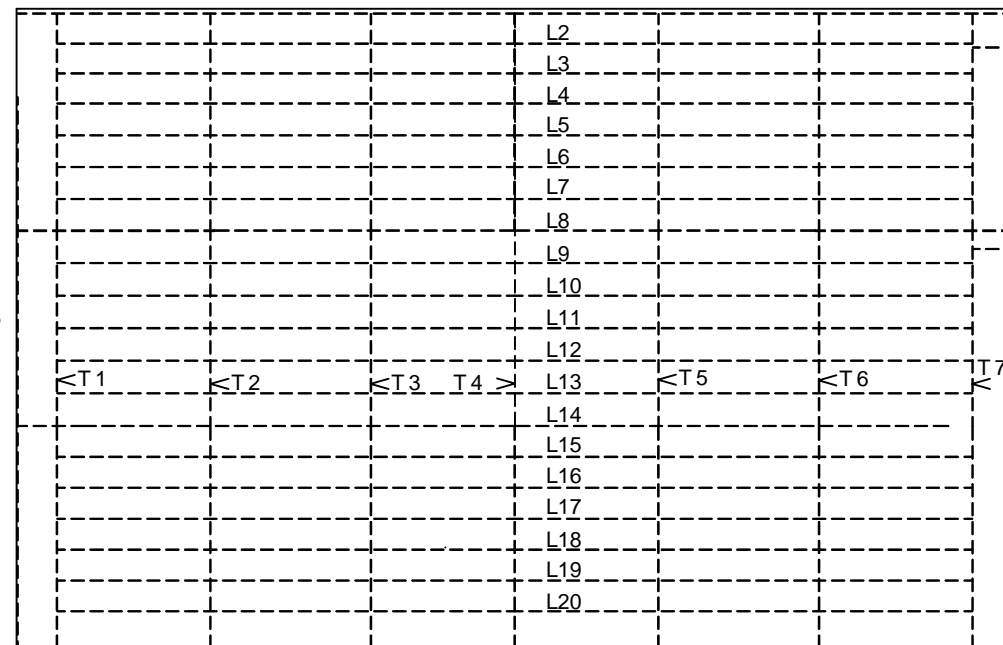
No.2-8 C/H HATCH COAMING



No.7 C/H HATCH COVER



STIFFENERS





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Hatch Covers and Coamings - Hatch No. 8

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 8						
Location of Structure :					Hatch Cover NO.8 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
PLATE											
1		12	0	10	11.8	1.8		11.7	1.7		
2		12	0	10	11.7	1.7		11.8	1.8		
3		14	0	12	13.7	1.7		13.7	1.7		
4		14	0	12	13.9	1.9		13.8	1.8		
5		14	0	12	13.8	1.8		13.9	1.9		
6		12	0	10	11.7	1.7		11.8	1.8		
7		12	0	10	11.9	1.9		11.7	1.7		
8		12	0	10	11.8	1.8		11.8	1.8		
9		12	0	10	11.7	1.7		11.8	1.8		
10		12	0	10	11.9	1.9		11.7	1.7		
11		12	0	10	11.8	1.8		11.8	1.8		
12		12	0	10	11.7	1.7		11.8	1.8		
13		12	0	10	11.9	1.9		11.7	1.7		
14		12	0	10	11.8	1.8		11.8	1.8		
15		10	0	8	9.7	1.7		9.7	1.7		
16		10	0	8	9.9	1.9		9.8	1.8		
17		10	0	8	9.8	1.8		9.8	1.8		
18		10	0	8	9.7	1.7		9.7	1.7		
19		10	0	8	9.8	1.8		9.8	1.8		
20		10	0	8	9.9	1.9		9.7	1.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 8						
Location of Structure :					Hatch Cover NO.8 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
21		10	0	8	9.7	1.7		9.8	1.8		
22		10	0	8	9.8	1.8		9.8	1.8		
23		10	0	8	9.7	1.7		9.8	1.8		
24		10	0	8	9.8	1.8		9.7	1.7		
25		10	0	8	9.7	1.7		9.8	1.8		
26		10	0	8	9.8	1.8		9.7	1.7		
27		10	0	8	9.8	1.8		9.7	1.7		
28		10	0	8	9.7	1.7		9.8	1.8		
29		10	0	8	9.8	1.8		9.7	1.7		
30		10	0	8	9.9	1.9		9.8	1.8		
31		10	0	8	9.7	1.7		9.7	1.7		
32		10	0	8	9.7	1.7		9.8	1.8		
33		10	0	8	9.8	1.8		9.9	1.9		
34		10	0	8	9.8	1.8		9.8	1.8		
35		10	0	8	9.7	1.7		9.7	1.7		
36		10	0	8	9.8	1.8		9.8	1.8		
37		10	0	8	9.9	1.9		9.7	1.7		
COVER STIFFENERS											
L2-W		10	0	8	9.7	1.7		9.7	1.7		
F		10	0	8	9.8	1.8		9.8	1.8		
L3-W		10	0	8	9.9	1.9		9.9	1.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 8						
Location of Structure :					Hatch Cover NO.8 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
F		10	0	8	9.8	1.8		9.8	1.8		
L4-W		10	0	8	9.8	1.8		9.8	1.8		
F		10	0	8	9.9	1.9		9.7	1.7		
L5-W		10	0	8	9.7	1.7		9.7	1.7		
F		10	0	8	9.7	1.7		9.8	1.8		
L6-W		10	0	8	9.8	1.8		9.7	1.7		
F		10	0	8	9.9	1.9		9.8	1.8		
L7-W		7	0	5	6.7	1.7		6.8	1.8		
F		7	0	5	6.8	1.8		6.8	1.8		
L8-W		9	0	7	8.9	1.9		8.8	1.8		
F		40	0	38	39.8	1.8		39.7	1.7		
L9-W		7	0	5	6.8	1.8		6.9	1.9		
F		7	0	5	6.7	1.7		6.8	1.8		
L10-W		7	0	5	6.7	1.7		6.7	1.7		
F		7	0	5	6.8	1.8		6.8	1.8		
L11-W		7	0	5	6.7	1.7		6.7	1.7		
F		7	0	5	6.8	1.8		6.9	1.9		
L12-W		7	0	5	6.7	1.7		6.8	1.8		
F		7	0	5	6.8	1.8		6.8	1.8		
L13-W		7	0	5	6.8	1.8		6.8	1.8		
F		7	0	5	6.9	1.9		6.8	1.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 8						
Location of Structure :					Hatch Cover NO.8 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
L14-W		7	0	5	6.8	1.8		6.8	1.8		
F		20	0	18	19.7	1.7		19.8	1.8		
L15-W		7	0	5	6.8	1.8		6.7	1.7		
F		7	0	5	6.8	1.8		6.8	1.8		
L16-W		7	0	5	6.9	1.9		6.9	1.9		
F		7	0	5	6.7	1.7		6.8	1.8		
L17-W		7	0	5	6.8	1.8		6.7	1.7		
F		7	0	5	6.8	1.8		6.8	1.8		
L18-W		7	0	5	6.9	1.9		6.9	1.9		
F		7	0	5	6.7	1.7		6.8	1.8		
L19-W		7	0	5	6.7	1.7		6.8	1.8		
F		7	0	5	6.8	1.8		6.7	1.7		
L20-W		7	0	5	6.7	1.7		6.8	1.8		
F		7	0	5	6.8	1.8		6.8	1.8		
T1-W		8	0	6	7.7	1.7		7.8	1.8		
F		10	0	8	9.8	1.8		9.7	1.7		
T2-W		7	0	5	6.7	1.7		6.8	1.8		
F		14	0	12	13.8	1.8		13.8	1.8		
T3-W		7	0	5	6.8	1.8		6.9	1.9		
F		20	0	18	19.7	1.7		19.9	1.9		
T4-W		7	0	5	6.9	1.9		6.7	1.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 8						
Location of Structure :					Hatch Coaming NO.8 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
COAMING PLATE											
C1		13	0	9.5	12.7	3.2		12.7	3.2		
C2		13	0	9.5	12.9	3.4		12.8	3.3		
C3		13	0	9.5	12.8	3.3		12.7	3.2		
C4		13	0	9.5	12.7	3.2		12.8	3.3		
C5		13	0	9.5	12.8	3.3		12.7	3.2		
C6		13	0	9.5	12.7	3.2		12.8	3.3		
C7		13	0	9.5	12.8	3.3		12.9	3.4		
C8		13	0	9.5	12.7	3.2		12.8	3.3		
C9		13	0	9.5	12.8	3.3		12.7	3.2		
COAMING TOP PLATE											
T1-W		20	0	16	19.8	3.8		19.7	3.7		
F		20	0	17.5	19.7	2.2		19.8	2.3		
T2-W		20	0	16	19.8	3.8		19.7	3.7		
F		20	0	17.5	19.9	2.4		19.8	2.3		
T3-W		20	0	16	19.7	3.7		19.7	3.7		
F		20	0	17.5	19.7	2.2		19.8	2.3		
T4-W		20	0	16	19.8	3.8		19.8	3.8		
F		20	0	17.5	19.8	2.3		19.7	2.2		
T5-W		20	0	16	19.7	3.7		19.7	3.7		
F		20	0	17.5	19.7	2.2		19.8	2.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 8						
Location of Structure :					Hatch Coaming NO.8 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
T6-W		20	0	16	19.8	3.8		19.7	3.7		
F		20	0	17.5	19.8	2.3		19.7	2.2		
T7-W		20	0	16	19.7	3.7		19.9	3.9		
F		20	0	17.5	19.8	2.3		19.8	2.3		
T8-W		20	0	16	19.9	3.9		19.7	3.7		
F		20	0	17.5	19.7	2.2		19.8	2.3		
T9-W		20	0	16	19.8	3.8		19.7	3.7		
F		20	0	17.5	19.7	2.2		19.8	2.3		
COAMING STAYS											
S0-W		15	0	12.5	14.8	2.3					
F		13	0	10.5	12.7	2.2					
S1-W		15	0	12.5	14.7	2.2		14.8	2.3		
F		13	0	10.5	12.8	2.3		12.7	2.2		
S2-W		15	0	12.5	14.9	2.4		14.9	2.4		
F		13	0	10.5	12.7	2.2		12.8	2.3		
S3-W		15	0	12.5	14.7	2.2		14.8	2.3		
F		13	0	10.5	12.8	2.3		12.7	2.2		
S4-W		15	0	12.5	14.9	2.4		14.8	2.3		
F		13	0	10.5	12.8	2.3		12.7	2.2		
S5-W		15	0	12.5	14.7	2.2		14.8	2.3		
F		13	0	10.5	12.9	2.4		12.9	2.4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 8						
Location of Structure :					Hatch Coaming NO.8 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
S6-W		17	0	14.5	16.8	2.3		16.9	2.4		
F		13	0	10.5	12.9	2.4		12.8	2.3		
S7-W		17	0	14.5	16.7	2.2		16.9	2.4		
F		13	0	10.5	12.9	2.4		12.7	2.2		
S8-W		17	0	14.5	16.8	2.3		16.7	2.2		
F		13	0	10.5	12.9	2.4		12.8	2.3		
S9-W		15	0	12.5	14.8	2.3		14.9	2.4		
F		15	0	12.5	14.7	2.2		14.7	2.2		
S10-W		15	0	12.5	14.8	2.3		14.9	2.4		
F		15	0	12.5	14.7	2.2		14.8	2.3		
S11-W		17	0	14.5	16.8	2.3		16.9	2.4		
F		13	0	10.5	12.9	2.4		12.8	2.3		
S12-W		17	0	14.5	16.8	2.3		16.7	2.2		
F		13	0	10.5	12.7	2.2		12.9	2.4		
S13-W		17	0	14.5	16.9	2.4		16.8	2.3		
F		13	0	10.5	12.8	2.3		12.7	2.2		
S14-W		15	0	12.5	14.7	2.2		14.8	2.3		
F		13	0	10.5	12.9	2.4		12.7	2.2		
S15-W		15	0	12.5	14.8	2.3		14.8	2.3		
F		13	0	10.5	12.9	2.4		12.9	2.4		
S16-W		15	0	12.5	14.9	2.4		14.9	2.4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

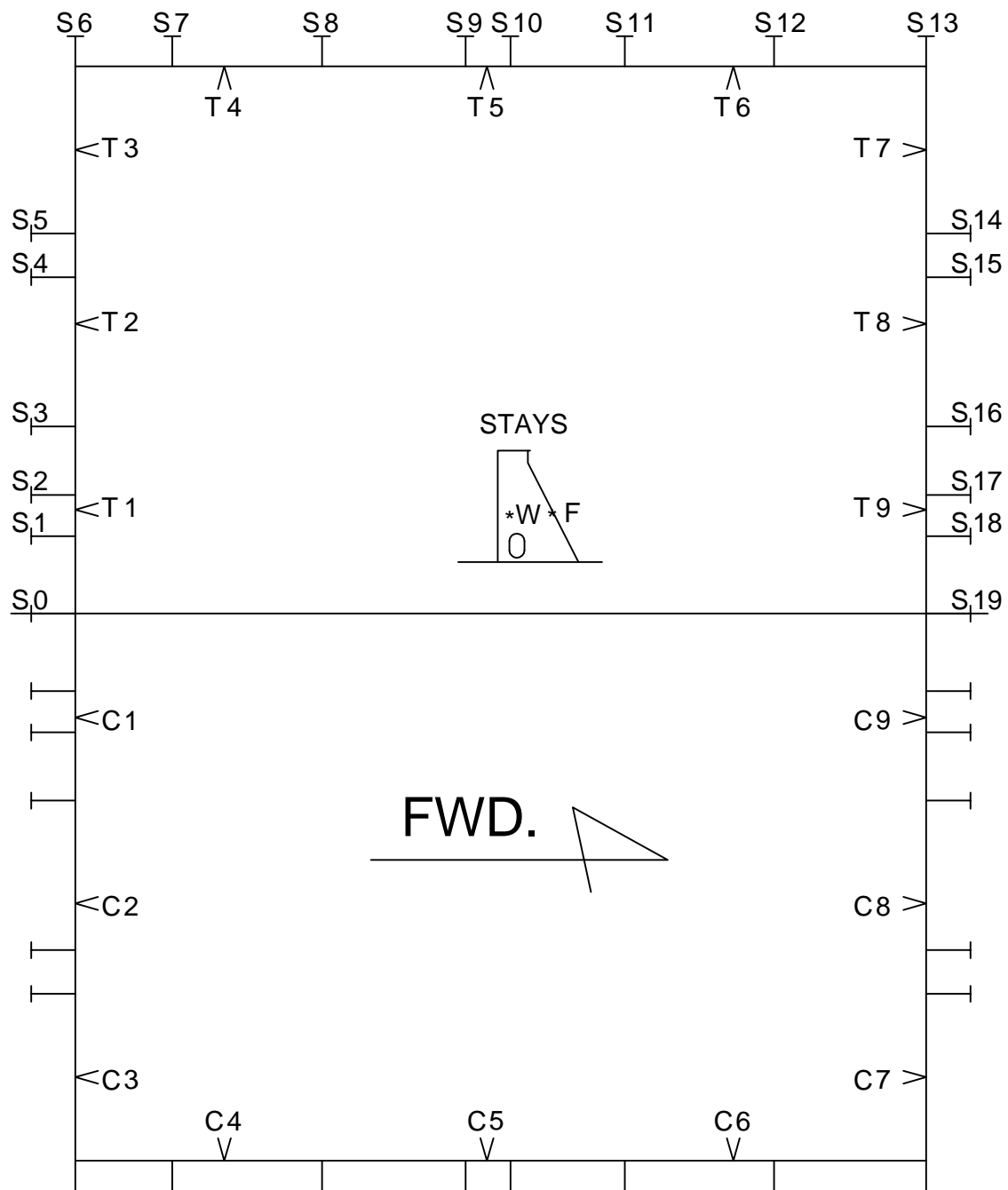
LR/IMO Number : 9492098

TM Report No : ZSN2066110

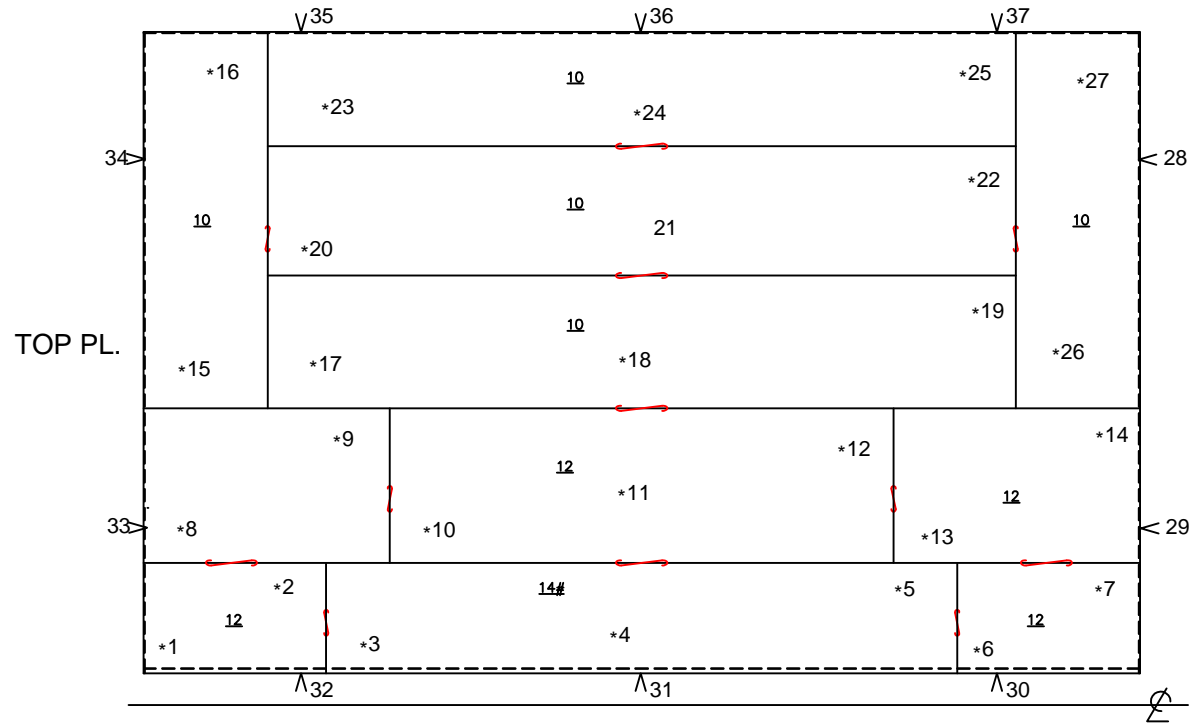
Hatch Covers and Coamings - Hatch No. 8

TM Sketches

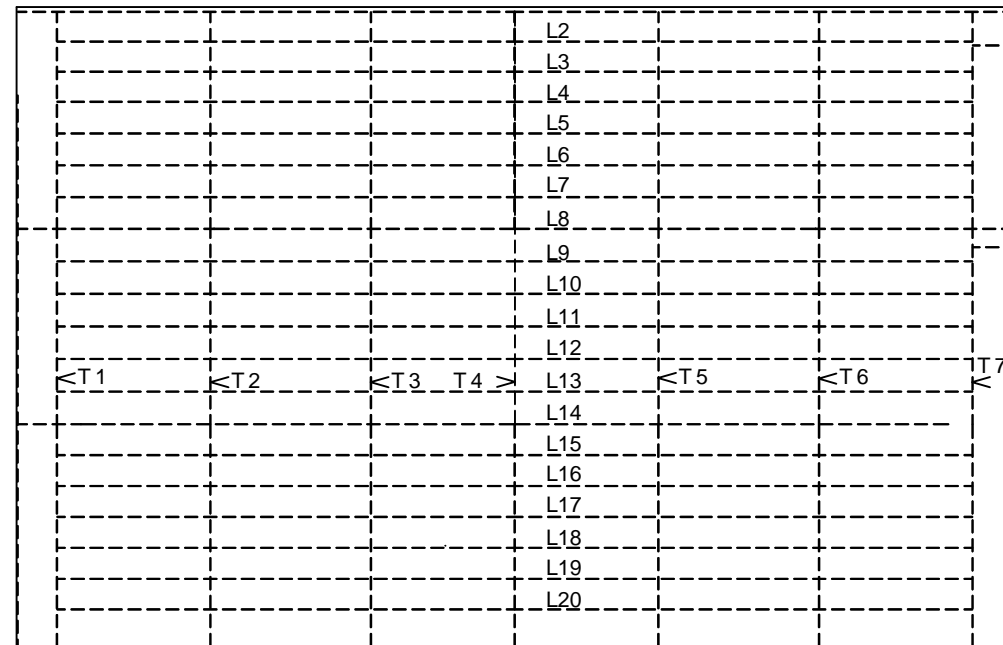
No.2-8 C/H HATCH COAMING



No.8 C/H HATCH COVER



STIFFENERS





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Hatch Covers and Coamings - Hatch No. 9

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 9						
Location of Structure :					Hatch Cover NO.9 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
PLATE											
1		12	0	10	11.8	1.8		11.8	1.8		
2		12	0	10	11.7	1.7		11.7	1.7		
3		14	0	12	13.7	1.7		13.9	1.9		
4		14	0	12	13.9	1.9		13.7	1.7		
5		14	0	12	13.8	1.8		13.8	1.8		
6		12	0	10	11.8	1.8		11.8	1.8		
7		12	0	10	11.7	1.7		11.9	1.9		
8		12	0	10	11.7	1.7		11.8	1.8		
9		12	0	10	11.8	1.8		11.7	1.7		
10		12	0	10	11.8	1.8		11.8	1.8		
11		12	0	10	11.7	1.7		11.9	1.9		
12		12	0	10	11.7	1.7		11.7	1.7		
13		12	0	10	11.8	1.8		11.9	1.9		
14		12	0	10	11.8	1.8		11.8	1.8		
15		10	0	8	9.7	1.7		9.8	1.8		
16		10	0	8	9.8	1.8		9.7	1.7		
17		10	0	8	9.9	1.9		9.8	1.8		
18		10	0	8	9.8	1.8		9.7	1.7		
19		10	0	8	9.8	1.8		9.9	1.9		
20		10	0	8	9.8	1.8		9.8	1.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 9						
Location of Structure :					Hatch Cover NO.9 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
21		10	0	8	9.8	1.8		9.7	1.7		
22		10	0	8	9.7	1.7		9.8	1.8		
23		10	0	8	9.8	1.8		9.9	1.9		
24		10	0	8	9.7	1.7		9.7	1.7		
25		10	0	8	9.8	1.8		9.7	1.7		
26		10	0	8	9.8	1.8		9.9	1.9		
27		10	0	8	9.7	1.7		9.8	1.8		
28		10	0	8	9.8	1.8		9.7	1.7		
29		10	0	8	9.7	1.7		9.9	1.9		
30		10	0	8	9.8	1.8		9.8	1.8		
31		10	0	8	9.7	1.7		9.7	1.7		
32		10	0	8	9.7	1.7		9.9	1.9		
33		10	0	8	9.8	1.8		9.9	1.9		
34		10	0	8	9.7	1.7		9.7	1.7		
35		10	0	8	9.8	1.8		9.8	1.8		
36		10	0	8	9.7	1.7		9.7	1.7		
COVER STIFFENERS											
L2-W		10	0	8	9.8	1.8		9.8	1.8		
F		10	0	8	9.7	1.7		9.9	1.9		
L3-W		10	0	8	9.8	1.8		9.7	1.7		
F		10	0	8	9.9	1.9		9.8	1.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 9						
Location of Structure :					Hatch Cover NO.9 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
L4-W		10	0	8	9.8	1.8		9.7	1.7		
F		10	0	8	9.7	1.7		9.8	1.8		
L5-W		10	0	8	9.7	1.7		9.9	1.9		
F		10	0	8	9.8	1.8		9.8	1.8		
L6-W		9	0	7	8.9	1.9		8.8	1.8		
F		40	0	38	39.7	1.7		39.7	1.7		
L7-W		7	0	5	6.8	1.8		6.8	1.8		
F		7	0	5	6.9	1.9		6.7	1.7		
L8-W		7	0	5	6.8	1.8		6.8	1.8		
F		7	0	5	6.7	1.7		6.9	1.9		
L9-W		7	0	5	6.9	1.9		6.7	1.7		
F		7	0	5	6.8	1.8		6.7	1.7		
L10-W		7	0	5	6.8	1.8		6.8	1.8		
F		7	0	5	6.7	1.7		6.8	1.8		
L11-W		7	0	5	6.8	1.8		6.7	1.7		
F		7	0	5	6.8	1.8		6.8	1.8		
L12-W		7	0	5	6.9	1.9		6.9	1.9		
F		20	0	18	19.8	1.8		19.8	1.8		
L13-W		7	0	5	6.8	1.8		6.8	1.8		
F		7	0	5	6.7	1.7		6.7	1.7		
L14-W		7	0	5	6.8	1.8		6.8	1.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 9						
Location of Structure :					Hatch Cover NO.9 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
F		7	0	5	6.9	1.9		6.8	1.8		
L15-W		7	0	5	6.8	1.8		6.9	1.9		
F		7	0	5	6.7	1.7		6.7	1.7		
L16-W		7	0	5	6.9	1.9		6.7	1.7		
F		7	0	5	6.8	1.8		6.8	1.8		
T1-W		8	0	6	7.8	1.8		7.8	1.8		
F		10	0	8	9.8	1.8		9.9	1.9		
T2-W		7	0	5	6.7	1.7		6.7	1.7		
F		14	0	12	13.8	1.8		13.8	1.8		
T3-W		7	0	5	6.8	1.8		6.8	1.8		
F		20	0	18	19.7	1.7		19.8	1.8		
T4-W		7	0	5	6.8	1.8		6.8	1.8		
F		20	0	18	19.7	1.7		19.7	1.7		
T5-W		7	0	5	6.8	1.8		6.8	1.8		
F		20	0	18	19.7	1.7		19.9	1.9		
T6-W		7	0	5	6.8	1.8		6.8	1.8		
F		14	0	12	13.8	1.8		13.8	1.8		
T7-W		8	0	6	7.7	1.7		7.7	1.7		
F		10	0	8	9.9	1.9		9.7	1.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 9						
Location of Structure :					Hatch Coaming NO.9 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
COAMING PLATE											
C1		13		9.5	12.7	3.2		12.7	3.2		
C2		13		9.5	12.8	3.3		12.8	3.3		
C3		13		9.5	12.7	3.2		12.7	3.2		
C4		13		9.5	12.9	3.4		12.7	3.2		
C5		13		9.5	12.8	3.3		12.8	3.3		
C6		13		9.5	12.7	3.2		12.8	3.3		
C7		13		9.5	12.8	3.3		12.7	3.2		
C8		13		9.5	12.8	3.3		12.8	3.3		
C9		13		9.5	12.7	3.2		12.7	3.2		
COAMING TOP PLATE											
T1-W		20		16	19.8	3.8		19.7	3.7		
F		20		17.5	19.7	2.2		19.8	2.3		
T2-W		20		16	19.8	3.8		19.7	3.7		
F		20		17.5	19.7	2.2		19.8	2.3		
T3-W		20		16	19.8	3.8		19.8	3.8		
F		20		17.5	19.8	2.3		19.7	2.2		
T4-W		20		16	19.8	3.8		19.8	3.8		
F		20		17.5	19.7	2.2		19.7	2.2		
T5-W		20		16	19.8	3.8		19.8	3.8		
F		20		17.5	19.8	2.3		19.9	2.4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 9						
Location of Structure :					Hatch Coaming NO.9 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
T6-W		20		16	19.7	3.7		19.8	3.8		
F		20		17.5	19.7	2.2		19.7	2.2		
T7-W		20		16	19.8	3.8		19.8	3.8		
F		20		17.5	19.8	2.3		19.8	2.3		
T8-W		20		16	19.7	3.7		19.7	3.7		
F		20		17.5	19.8	2.3		19.7	2.2		
T9-W		20		16	19.8	3.8		19.8	3.8		
F		20		17.5	19.9	2.4		19.9	2.4		
COAMING STAYS											
S0-W		15		12.5	14.7	2.2					
F		13		10.5	12.8	2.3					
S1-W		15		12.5	14.8	2.3		14.7	2.2		
F		13		10.5	12.8	2.3		12.8	2.3		
S2-W		15		12.5	14.9	2.4		14.9	2.4		
F		13		10.5	12.8	2.3		12.8	2.3		
S3-W		15		12.5	14.8	2.3		14.8	2.3		
F		13		10.5	12.9	2.4		12.7	2.2		
S4-W		15		12.5	14.7	2.2		14.7	2.2		
F		13		10.5	12.8	2.3		12.8	2.3		
S5-W		15		12.5	14.7	2.2		14.9	2.4		
F		13		10.5	12.8	2.3		12.7	2.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Hatch No. 9						
Location of Structure :					Hatch Coaming NO.9 C/H						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
S6-W		15		12.5	14.9	2.4		14.8	2.3		
F		13		10.5	12.7	2.2		12.9	2.4		
S7-W		17		14.5	16.8	2.3		16.9	2.4		
F		13		10.5	12.8	2.3		12.8	2.3		
S8-W		17		14.5	16.8	2.3		16.7	2.2		
F		13		10.5	12.8	2.3		12.8	2.3		
S9-W		17		14.5	16.7	2.2		16.7	2.2		
F		13		10.5	12.8	2.3		12.8	2.3		
S10-W		15		12.5	14.8	2.3		14.9	2.4		
F		15		12.5	14.7	2.2		14.8	2.3		
S11-W		15		12.5	14.7	2.2		14.7	2.2		
F		15		12.5	14.7	2.2		14.9	2.4		
S12-W		17		14.5	16.8	2.3		16.9	2.4		
F		13		10.5	12.8	2.3		12.8	2.3		
S13-W		17		14.5	16.8	2.3		16.8	2.3		
F		13		10.5	12.7	2.2		12.7	2.2		
S14-W		17		14.5	16.7	2.2		16.9	2.4		
F		13		10.5	12.8	2.3		12.8	2.3		
S15-W		15		12.5	14.8	2.3		14.7	2.2		
F		13		10.5	12.7	2.2		12.9	2.4		
S16-W		15		12.5	14.7	2.2		14.8	2.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

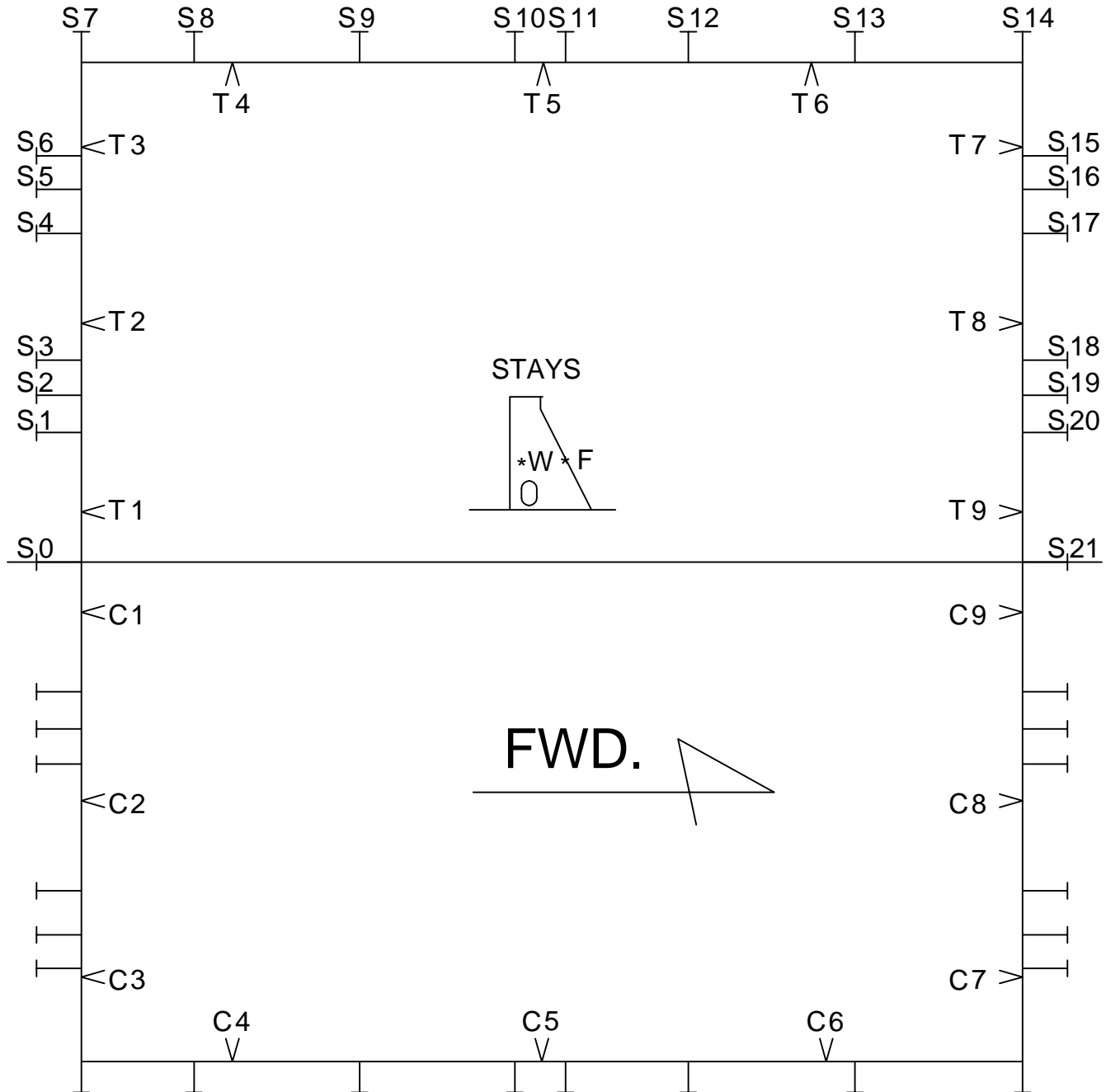
LR/IMO Number : 9492098

TM Report No : ZSN2066110

Hatch Covers and Coamings - Hatch No. 9

TM Sketches

No.1 & 9 C/H HATCH COAMING



[illegible]

TOP PL.

STIFFENERS



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Cross Deck Strips and Underdeck Structure in way -
Deck Plating inside line of hatch openings

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Deck Plating inside line of hatch openings						
Location of Structure :					CROSS DECK PLATE						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
CROSS DECK PLATING											
NO.9 C/H AFTER	1	14	0	10	13.6	3.6		13.7	3.7		
	2	14	0	10	13.8	3.8		13.6	3.6		
BETWEEN NO.9 & NO.8 C/H	1	16	0	12	15.7	3.7		15.8	3.8		
	2	16	0	12	15.6	3.6		15.7	3.7		
	3	15	0	11	14.8	3.8		14.8	3.8		
	4	15	0	11	14.5	3.5		14.6	3.6		
BETWEEN NO.8 & NO.7 C/H	1	22	0	18	21.8	3.8		21.8	3.8		
	2	22	0	18	21.9	3.9		21.7	3.7		
	3	16	0	12	15.8	3.8		15.8	3.8		
	4	16	0	12	15.7	3.7		15.7	3.7		
	5	15	0	11	14.8	3.8		14.8	3.8		
	6	15	0	11	14.8	3.8		14.8	3.8		
BETWEEN NO.7 & NO.6 C/H	1	22	0	18	21.5	3.5		21.8	3.8		
	2	22	0	18	21.8	3.8		21.6	3.6		
	3	16	0	12	15.8	3.8		15.8	3.8		
	4	16	0	12	15.7	3.7		15.7	3.7		
	5	15	0	11	14.8	3.8		14.8	3.8		
	6	15	0	11	14.8	3.8		14.7	3.7		
BETWEEN NO.6 & NO.5 C/H	1	22	0	18	21.8	3.8		21.7	3.7		
	2	22	0	18	21.4	3.4		21.9	3.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Deck Plating inside line of hatch openings						
Location of Structure :					CROSS DECK PLATE						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
	3	16	0	12	15.8	3.8		15.8	3.8		
	4	16	0	12	15.7	3.7		15.7	3.7		
	5	15	0	11	14.8	3.8		14.5	3.5		
	6	15	0	11	14.6	3.6		14.9	3.9		
BETWEEN NO.5 & NO.4 C/H	1	22	0	18	21.8	3.8		21.8	3.8		
	2	22	0	18	21.9	3.9		21.5	3.5		
	3	16	0	12	15.8	3.8		15.9	3.9		
	4	16	0	12	15.9	3.9		15.8	3.8		
	5	15	0	11	14.8	3.8		14.8	3.8		
	6	15	0	11	14.5	3.5		14.9	3.9		
BETWEEN NO.4 & NO.3 C/H	1	22	0	18	21.8	3.8		21.8	3.8		
	2	22	0	18	21.9	3.9		21.8	3.8		
	3	16	0	12	15.8	3.8		15.7	3.7		
	4	16	0	12	15.9	3.9		15.8	3.8		
	5	15	0	11	14.8	3.8		14.8	3.8		
	6	15	0	11	14.8	3.8		14.7	3.7		
BETWEEN NO.3& NO.2 C/H	1	20	0	16	19.8	3.8		19.8	3.8		
	2	20	0	16	19.8	3.8		19.8	3.8		
	3	16	0	12	15.7	3.7		15.8	3.8		
	4	16	0	12	15.7	3.7		15.9	3.9		
	5	15	0	11	14.8	3.8		14.8	3.8		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

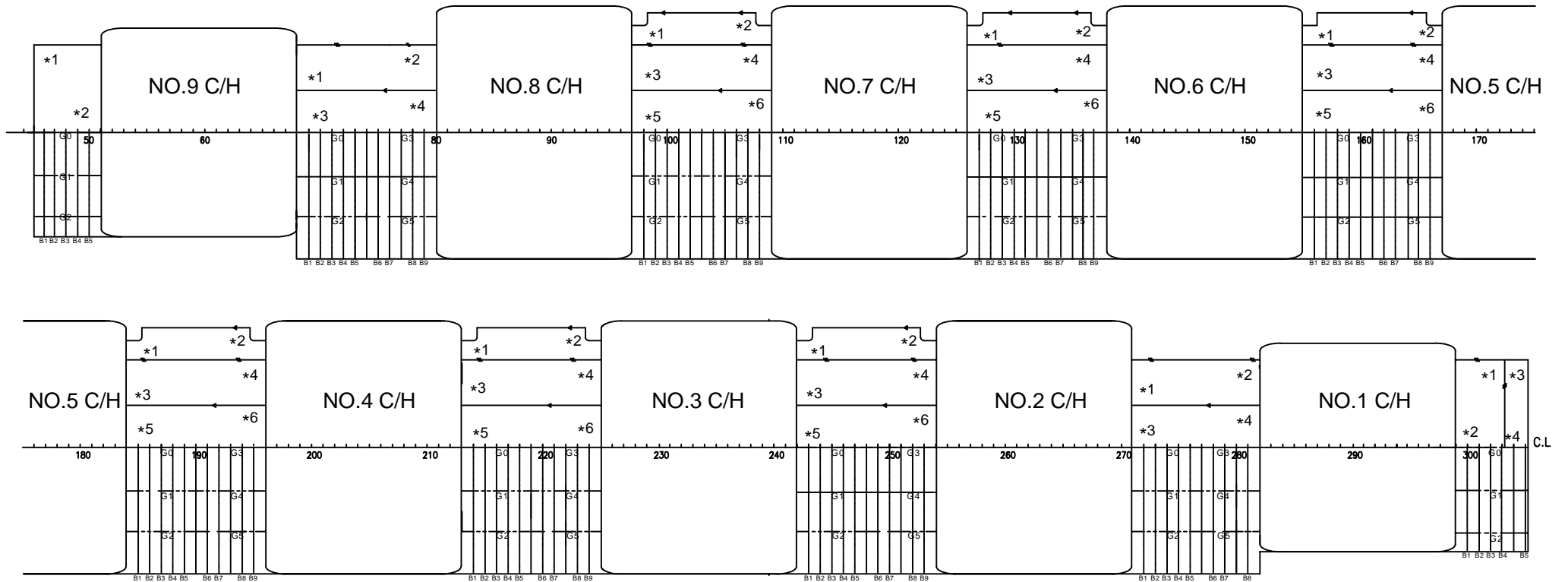
LR/IMO Number : 9492098

TM Report No : ZSN2066110

Cross Deck Strips and Underdeck Structure in way - Deck Plating
inside line of hatch openings

TM Sketches

CROSS DECK AND UNDER STRUCTURE





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

**Cross Deck Strips and Underdeck Structure in way -
Underdeck Structure inside line of hatch openings**

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Underdeck Structure inside line of hatch openings						
Location of Structure :					UNDER STRUCTURE						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
UNDER STRUCTURE											
NO.9 C/H AFTER											
BEAM	B1	12	0	7.5	11.6	4.1		11.8	4.3		
BEAM	B2	12	0	7.5	11.7	4.2		11.6	4.1		
BEAM	B3	12	0	7.5	11.8	4.3		11.8	4.3		
BEAM	B4	12	0	7.5	11.7	4.2		11.7	4.2		
BEAM	B5	12	0	7.5	11.8	4.3		11.6	4.1		
GIRDER	G0W	14.5	0	10				14.3	4.3		
GIRDER	G0F	15	0	10.5				14.5	4		
GIRDER	G1W	14.5	0	10	14.4	4.4		14.3	4.3		
GIRDER	G1F	15	0	10.5	14.6	4.1		14.7	4.2		
GIRDER	G2W	14.5	0	10				14.3	4.3		
GIRDER	G2F	15	0	10.5				14.6	4.1		
BETWEEN NO.9-NO.8C/H-----BEAM	B1	12	0	7.5	11.8	4.3		11.8	4.3		
BEAM	B2	12	0	7.5	11.7	4.2		11.7	4.2		
BEAM	B3	12	0	7.5	11.7	4.2		11.9	4.4		
BEAM	B4	12	0	7.5	11.7	4.2		11.8	4.3		
BEAM	B5	12	0	7.5	11.8	4.3		11.7	4.2		
BEAM	B6	12	0	7.5	11.8	4.3		11.8	4.3		
BEAM	B7	12	0	7.5	11.7	4.2		11.8	4.3		
BEAM	B8	12	0	7.5	11.8	4.3		11.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Underdeck Structure inside line of hatch openings						
Location of Structure :					UNDER STRUCTURE						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BEAM	B9	12	0	7.5	12	4.5		11.8	4.3		
GIRDER	G0W	14.5	0	10				14.4	4.4		
GIRDER	G0F	15	0	10.5				14.8	4.3		
GIRDER	G1W	14.5	0	10	14.3	4.3		14.3	4.3		
GIRDER	G1F	15	0	10.5	14.8	4.3		14.8	4.3		
GIRDER	G2W	14.5	0	10	14.2	4.2		14.4	4.4		
GIRDER	G2F	15	0	10.5	14.7	4.2		14.8	4.3		
GIRDER	G3W	14.5	0	10	14.3	4.3		14.2	4.2		
GIRDER	G3F	15	0	10.5	14.8	4.3		14.9	4.4		
GIRDER	G4W	14.5	0	10	14.3	4.3		14.4	4.4		
GIRDER	G4F	15	0	10.5	14.7	4.2		14.7	4.2		
GIRDER	G5W	14.5	0	10				14.3	4.3		
GIRDER	G5F	15	0	10.5				14.9	4.4		
BETWEEN NO.8-NO.7C/H-----BEAM	B1	12	0	7.5	11.8	4.3		11.8	4.3		
BEAM	B2	12	0	7.5	12	4.5		12	4.5		
BEAM	B3	12	0	7.5	11.8	4.3		11.8	4.3		
BEAM	B4	12	0	7.5	11.9	4.4		11.8	4.3		
BEAM	B5	12	0	7.5	11.8	4.3		11.7	4.2		
BEAM	B6	12	0	7.5	11.7	4.2		11.7	4.2		
BEAM	B7	12	0	7.5	11.7	4.2		11.8	4.3		
BEAM	B8	12	0	7.5	11.8	4.3		11.8	4.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Underdeck Structure inside line of hatch openings						
Location of Structure :					UNDER STRUCTURE						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BEAM	B9	12	0	7.5	12	4.5		11.8	4.3		
GIRDER	G0W	14.5	0	10				14.4	4.4		
GIRDER	G0F	15	0	10.5				14.8	4.3		
GIRDER	G1W	14.5	0	10	14.2	4.2		14.3	4.3		
GIRDER	G1F	15	0	10.5	14.8	4.3		14.8	4.3		
GIRDER	G2W	14.5	0	10	14.3	4.3		14.4	4.4		
GIRDER	G2F	15	0	10.5	14.8	4.3		14.9	4.4		
GIRDER	G3W	14.5	0	10	14.3	4.3		14.3	4.3		
GIRDER	G3F	15	0	10.5	14.8	4.3		14.8	4.3		
GIRDER	G4W	14.5	0	10	14.2	4.2		14.4	4.4		
GIRDER	G4F	15	0	10.5	14.7	4.2		14.9	4.4		
GIRDER	G5W	14.5	0	10				14.3	4.3		
GIRDER	G5F	15	0	10.5				14.8	4.3		
BETWEEN NO.7-NO.6C/H-----BEAM	B1	12	0	7.5	11.8	4.3		11.7	4.2		
BEAM	B2	12	0	7.5	11.7	4.2		11.8	4.3		
BEAM	B3	12	0	7.5	11.8	4.3		11.8	4.3		
BEAM	B4	12	0	7.5	11.8	4.3		11.9	4.4		
BEAM	B5	12	0	7.5	11.8	4.3		11.7	4.2		
BEAM	B6	12	0	7.5	11.7	4.2		11.8	4.3		
BEAM	B7	12	0	7.5	11.7	4.2		11.8	4.3		
BEAM	B8	12	0	7.5	11.8	4.3		11.9	4.4		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Underdeck Structure inside line of hatch openings						
Location of Structure :					UNDER STRUCTURE						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BEAM	B9	12	0	7.5	11.9	4.4		11.8	4.3		
GIRDER	G0W	14.5	0	10				14.4	4.4		
GIRDER	G0F	15	0	10.5				14.9	4.4		
GIRDER	G1W	14.5	0	10	14.2	4.2		14.2	4.2		
GIRDER	G1F	15	0	10.5	14.8	4.3		14.8	4.3		
GIRDER	G2W	14.5	0	10	14.3	4.3		14.3	4.3		
GIRDER	G2F	25	0	20.5	24.8	4.3		24.8	4.3		
GIRDER	G3W	14.5	0	10	14.3	4.3		14.4	4.4		
GIRDER	G3F	15	0	10.5	14.8	4.3		14.8	4.3		
GIRDER	G4W	14.5	0	10	14.3	4.3		14.3	4.3		
GIRDER	G4F	15	0	10.5	14.8	4.3		14.8	4.3		
GIRDER	G5W	14.5	0	10				14.3	4.3		
GIRDER	G5F	25	0	20.5				24.8	4.3		
BETWEEN NO.6-NO.5C/H-----BEAM	B1	12	0	7.5	11.8	4.3		11.8	4.3		
BEAM	B2	12	0	7.5	11.7	4.2		11.7	4.2		
BEAM	B3	12	0	7.5	11.7	4.2		11.8	4.3		
BEAM	B4	12	0	7.5	11.8	4.3		11.7	4.2		
BEAM	B5	12	0	7.5	11.9	4.4		11.8	4.3		
BEAM	B6	12	0	7.5	11.7	4.2		11.9	4.4		
BEAM	B7	12	0	7.5	11.8	4.3		11.7	4.2		
BEAM	B8	12	0	7.5	11.9	4.4		11.8	4.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Underdeck Structure inside line of hatch openings						
Location of Structure :					UNDER STRUCTURE						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BEAM	B9	12	0	7.5	11.8	4.3		11.8	4.3		
GIRDER	G0W	14.5	0	10				14.4	4.4		
GIRDER	G0F	15	0	10.5				14.8	4.3		
GIRDER	G1W	14.5	0	10	14.5	4.5		14.3	4.3		
GIRDER	G1F	15	0	10.5	14.7	4.2		14.8	4.3		
GIRDER	G2W	14.5	0	10	14.3	4.3		14.4	4.4		
GIRDER	G2F	25	0	20.5	24.8	4.3		24.8	4.3		
GIRDER	G3W	14.5	0	10	14.3	4.3		14.3	4.3		
GIRDER	G3F	15	0	10.5	14.8	4.3		14.8	4.3		
GIRDER	G4W	14.5	0	10	14.3	4.3		14.3	4.3		
GIRDER	G4F	15	0	10.5	14.8	4.3		14.8	4.3		
GIRDER	G5W	14.5	0	10				14.3	4.3		
GIRDER	G5F	25	0	20.5				24.8	4.3		
BETWEEN NO.5-NO.4C/H-----BEAM	B1	12	0	7.5	11.8	4.3		11.8	4.3		
BEAM	B2	12	0	7.5	11.7	4.2		11.7	4.2		
BEAM	B3	12	0	7.5	11.8	4.3		11.8	4.3		
BEAM	B4	12	0	7.5	11.9	4.4		11.9	4.4		
BEAM	B5	12	0	7.5	11.7	4.2		11.8	4.3		
BEAM	B6	12	0	7.5	11.8	4.3		11.7	4.2		
BEAM	B7	12	0	7.5	11.8	4.3		11.8	4.3		
BEAM	B8	12	0	7.5	11.9	4.4		11.8	4.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Underdeck Structure inside line of hatch openings						
Location of Structure :					UNDER STRUCTURE						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BEAM	B9	12	0	7.5	11.8	4.3		11.9	4.4		
GIRDER	G0W	14.5	0	10				14.2	4.2		
GIRDER	G0F	15	0	10.5				14.8	4.3		
GIRDER	G1W	14.5	0	10	14.3	4.3		14.4	4.4		
GIRDER	G1F	15	0	10.5	14.7	4.2		14.9	4.4		
GIRDER	G2W	14.5	0	10	14.3	4.3		14.4	4.4		
GIRDER	G2F	15	0	10.5	14.8	4.3		14.8	4.3		
GIRDER	G3W	14.5	0	10	14.4	4.4		14.3	4.3		
GIRDER	G3F	15	0	10.5	14.9	4.4		14.7	4.2		
GIRDER	G4W	14.5	0	10	14.3	4.3		14.4	4.4		
GIRDER	G4F	15	0	10.5	14.8	4.3		14.8	4.3		
GIRDER	G5W	14.5	0	10				14.4	4.4		
GIRDER	G5F	15	0	10.5				14.9	4.4		
BETWEEN NO.4-NO.3C/H-----BEAM	B1	12	0	7.5	11.8	4.3		11.8	4.3		
BEAM	B2	12	0	7.5	11.7	4.2		11.8	4.3		
BEAM	B3	12	0	7.5	11.8	4.3		11.7	4.2		
BEAM	B4	12	0	7.5	11.8	4.3		11.8	4.3		
BEAM	B5	12	0	7.5	11.9	4.4		11.8	4.3		
BEAM	B6	12	0	7.5	11.8	4.3		11.7	4.2		
BEAM	B7	12	0	7.5	11.7	4.2		11.7	4.2		
BEAM	B8	12	0	7.5	11.7	4.2		11.8	4.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Underdeck Structure inside line of hatch openings						
Location of Structure :					UNDER STRUCTURE						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BEAM	B9	12	0	7.5	11.7	4.2		11.8	4.3		
GIRDER	G0W	14.5	0	10				14.4	4.4		
GIRDER	G0F	15	0	10.5				14.8	4.3		
GIRDER	G1W	14.5	0	10	14.5	4.5		14.4	4.4		
GIRDER	G1F	15	0	10.5	14.9	4.4		14.9	4.4		
GIRDER	G2W	14.5	0	10	14.3	4.3		14.3	4.3		
GIRDER	G2F	15	0	10.5	14.8	4.3		14.9	4.4		
GIRDER	G3W	14.5	0	10	14.2	4.2		14.5	4.5		
GIRDER	G3F	15	0	10.5	14.9	4.4		14.8	4.3		
GIRDER	G4W	14.5	0	10	14.2	4.2		14.4	4.4		
GIRDER	G4F	15	0	10.5	14.7	4.2		14.8	4.3		
GIRDER	G5W	14.5	0	10				14.4	4.4		
GIRDER	G5F	15	0	10.5				14.9	4.4		
BETWEEN NO.3-NO.2C/H-----BEAM	B1	12	0	7.5	11.8	4.3		11.8	4.3		
BEAM	B2	12	0	7.5	11.9	4.4		11.7	4.2		
BEAM	B3	12	0	7.5	11.7	4.2		11.8	4.3		
BEAM	B4	12	0	7.5	11.8	4.3		11.9	4.4		
BEAM	B5	12	0	7.5	11.8	4.3		11.8	4.3		
BEAM	B6	12	0	7.5	11.7	4.2		11.7	4.2		
BEAM	B7	12	0	7.5	11.9	4.4		11.8	4.3		
BEAM	B8	12	0	7.5	11.7	4.2		11.8	4.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Underdeck Structure inside line of hatch openings						
Location of Structure :					UNDER STRUCTURE						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
BEAM	B9	12	0	7.5	11.7	4.2		11.7	4.2		
GIRDER	G0W	14.5	0	10				14.4	4.4		
GIRDER	G0F	15	0	10.5				14.9	4.4		
GIRDER	G1W	14.5	0	10	14.4	4.4		14.4	4.4		
GIRDER	G1F	15	0	10.5	14.9	4.4		14.8	4.3		
GIRDER	G2W	14.5	0	10	14.3	4.3		14.4	4.4		
GIRDER	G2F	15	0	10.5	14.7	4.2		14.8	4.3		
GIRDER	G3W	14.5	0	10	14.4	4.4		14.3	4.3		
GIRDER	G3F	15	0	10.5	14.8	4.3		14.7	4.2		
GIRDER	G4W	14.5	0	10	14.4	4.4		14.4	4.4		
GIRDER	G4F	15	0	10.5	14.9	4.4		14.8	4.3		
GIRDER	G5W	14.5	0	10				14.4	4.4		
GIRDER	G5F	15	0	10.5				14.8	4.3		
BETWEEN NO.2-NO.1C/H-----BEAM	B1	12	0	7.5	11.8	4.3		11.8	4.3		
BEAM	B2	12	0	7.5	11.7	4.2		11.7	4.2		
BEAM	B3	12	0	7.5	11.7	4.2		11.7	4.2		
BEAM	B4	12	0	7.5	11.8	4.3		11.8	4.3		
BEAM	B5	12	0	7.5	11.8	4.3		11.8	4.3		
BEAM	B6	12	0	7.5	11.7	4.2		11.8	4.3		
BEAM	B7	12	0	7.5	11.9	4.4		11.7	4.2		
BEAM	B8	12	0	7.5	11.8	4.3		11.7	4.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Underdeck Structure inside line of hatch openings						
Location of Structure :					UNDER STRUCTURE						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
GIRDER	G0W	14.5	0	10				14.5	4.5		
GIRDER	G0F	15	0	10.5				14.8	4.3		
GIRDER	G1W	14.5	0	10	14.3	4.3		14.4	4.4		
GIRDER	G1F	15	0	10.5	14.8	4.3		14.7	4.2		
GIRDER	G2W	14.5	0	10	14.4	4.4		14.5	4.5		
GIRDER	G2F	15	0	10.5	14.9	4.4		14.8	4.3		
GIRDER	G3W	14.5	0	10	14.5	4.5		14.2	4.2		
GIRDER	G3F	15	0	10.5	14.8	4.3		14.8	4.3		
GIRDER	G4W	14.5	0	10	14.4	4.4		14.4	4.4		
GIRDER	G4F	15	0	10.5	14.8	4.3		14.7	4.2		
GIRDER	G5W	14.5	0	10				14.4	4.4		
GIRDER	G5F	15	0	10.5				14.8	4.3		
NO.1C/H FWD.---BEAM	B1	12	0	7.5	11.8	4.3		11.8	4.3		
BEAM	B2	12	0	7.5	11.9	4.4		11.7	4.2		
BEAM	B3	12	0	7.5	11.7	4.2		11.8	4.3		
BEAM	B4	12	0	7.5	11.8	4.3		11.9	4.4		
BEAM	B5	12	0	7.5	11.8	4.3		11.8	4.3		
GIRDER	G0W	14.5	0	10				14.4	4.4		
GIRDER	G0F	15	0	10.5				14.8	4.3		
GIRDER	G1W	14.5	0	10	14.3	4.3		14.2	4.2		
GIRDER	G1F	15	0	10.5	14.8	4.3		14.8	4.3		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

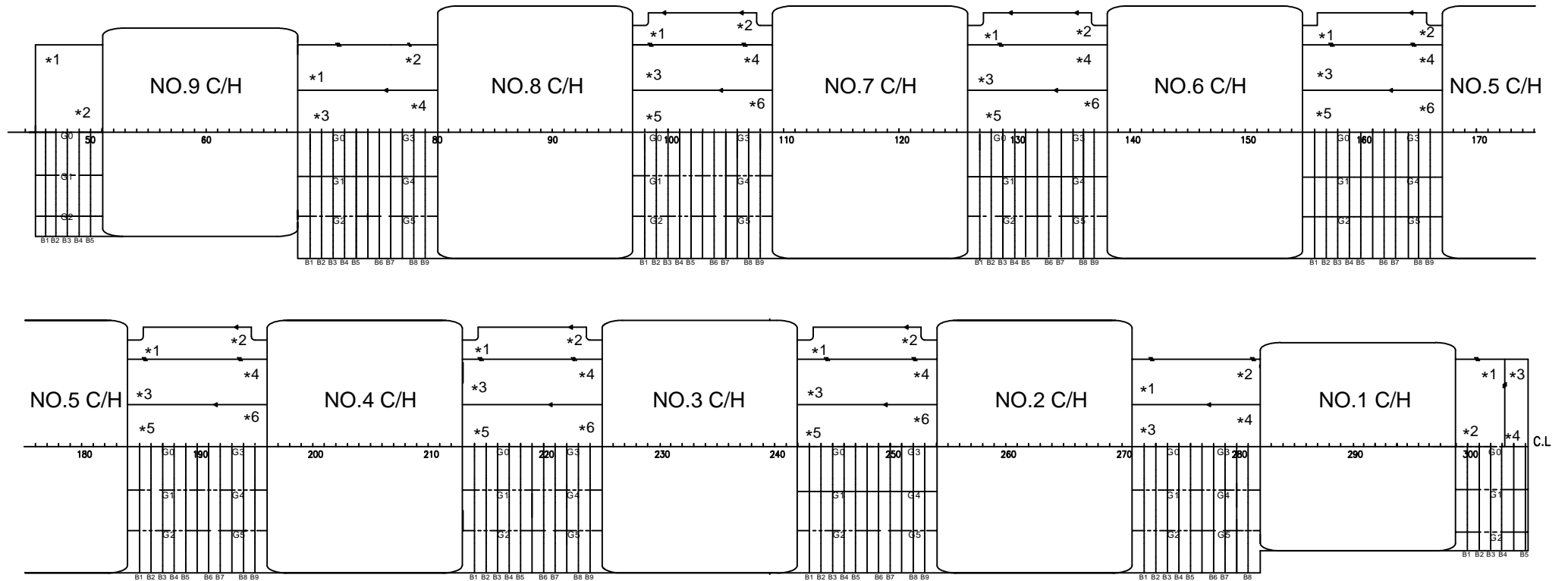
LR/IMO Number : 9492098

TM Report No : ZSN2066110

Cross Deck Strips and Underdeck Structure in way - Underdeck
Structure inside line of hatch openings

TM Sketches

CROSS DECK AND UNDER STRUCTURE





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Wind and Water Strakes - Wind and Water Strakes Plating TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM1 – Deck / Shell / Bottom Plating

Space / Compartment Description :		Wind and Water Strakes Plating										
Strake Position :		Strake N										
Plate Position	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading							Comments
					Forward			Aft			Mean Remaining Corrosion Addition (mm)	
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)		
10th Fwd												
9th Fwd												
8th Fwd												
7th Fwd												
6th Fwd												
5th Fwd												
4th Fwd												
3rd Fwd												
2nd Fwd	N11	19	0	16.5	18.6	2.1		18.8	2.3		2.2	
1st Fwd	N10	19	0	16.5	18.7	2.2		18.6	2.1		2.2	
Amidships												
1st Aft	N9	21	0	17	20.8	3.8		20.8	3.8		3.8	
2nd Aft	N8	21	0	17	20.6	3.6		20.6	3.6		3.6	
3rd Aft	N7	17.5	0	14.5	17.4	2.9		17.2	2.7		2.8	
4th Aft	N6	17.5	0	14.5	17.2	2.7		17.2	2.7		2.7	
5th Aft	N5	17.5	0	14.5	17.3	2.8		17.4	2.9		2.9	
6th Aft	N4	18	0	15	17.6	2.6		17.7	2.7		2.7	
7th Aft	N3	18	0	15	17.8	2.8		17.6	2.6		2.7	
8th Aft	N2	18	0	15	17.7	2.7		17.8	2.8		2.8	
9th Aft	N1	18	0	15	17.6	2.6		17.7	2.7		2.7	
10th Aft												

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM1 – Deck / Shell / Bottom Plating

Space / Compartment Description :					Wind and Water Strakes Plating							
Strake Position :					Strake N							
Plate Position	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Starboard Reading							Comments
					Forward			Aft			Mean Remaining Corrosion Addition (mm)	
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)		
10th Fwd												
9th Fwd												
8th Fwd												
7th Fwd												
6th Fwd												
5th Fwd												
4th Fwd												
3rd Fwd												
2nd Fwd	N11	19	0	16.5	18.8	2.3		18.8	2.3		2.3	
1st Fwd	N10	19	0	16.5	18.7	2.2		18.9	2.4		2.3	
Amidships												
1st Aft	N9	21	0	17	20.8	3.8		20.7	3.7		3.8	
2nd Aft	N8	21	0	17	20.7	3.7		20.8	3.8		3.8	
3rd Aft	N7	17.5	0	14.5	17.4	2.9		17.4	2.9		2.9	
4th Aft	N6	17.5	0	14.5	17.3	2.8		17.3	2.8		2.8	
5th Aft	N5	17.5	0	14.5	17.4	2.9		17.2	2.7		2.8	
6th Aft	N4	18	0	15	17.7	2.7		17.4	2.4		2.6	
7th Aft	N3	18	0	15	17.8	2.8		17.7	2.7		2.8	
8th Aft	N2	18	0	15	17.7	2.7		17.8	2.8		2.8	
9th Aft	N1	18	0	15	17.8	2.8		17.7	2.7		2.8	
10th Aft												

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM1 – Deck / Shell / Bottom Plating

Space / Compartment Description :					Wind and Water Strakes Plating							
Strake Position :					Strake M							
Plate Position	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading							Comments
					Forward			Aft			Mean Remaining Corrosion Addition (mm)	
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)		
10th Fwd												
9th Fwd												
8th Fwd												
7th Fwd												
6th Fwd												
5th Fwd	M15	19	0	16	18.7	2.7		18.7	2.7		2.7	
4th Fwd	M14	19	0	16	18.6	2.6		18.9	2.9		2.8	
3rd Fwd	M13	19	0	16	18.8	2.8		18.8	2.8		2.8	
2nd Fwd	M12	19	0	16	18.5	2.5		18.6	2.6		2.6	
1st Fwd	M11	19	0	16	18.8	2.8		18.7	2.7		2.8	
Amidships												
1st Aft	M10	21	0	17	20.7	3.7		20.8	3.8		3.8	
2nd Aft	M9	21	0	17	20.8	3.8		20.6	3.6		3.7	
3rd Aft	M8	17.5	0	14.5	17.3	2.8		17.2	2.7		2.8	
4th Aft	M7	17.5	0	14.5	17.1	2.6		17.1	2.6		2.6	
5th Aft	M6	17.5	0	14.5	17.3	2.8		17.6	3.1		3	
6th Aft	M5	18	0	15	17.7	2.7		17.7	2.7		2.7	
7th Aft	M4	18	0	15	17.8	2.8		17.8	2.8		2.8	
8th Aft	M3	18	0	15	17.7	2.7		17.6	2.6		2.7	
9th Aft	M2	18	0	15	17.8	2.8		17.8	2.8		2.8	
10th Aft	M1	18	0	15	17.7	2.7		17.9	2.9		2.8	

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM1 – Deck / Shell / Bottom Plating

Space / Compartment Description :		Wind and Water Strakes Plating										
Strake Position :		Strake M										
Plate Position	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Starboard Reading							Comments
					Forward			Aft			Mean Remaining Corrosion Addition (mm)	
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)		
10th Fwd												
9th Fwd												
8th Fwd												
7th Fwd												
6th Fwd												
5th Fwd	M15	19	0	16	18.7	2.7		18.9	2.9		2.8	
4th Fwd	M14	19	0	16	18.8	2.8		18.8	2.8		2.8	
3rd Fwd	M13	19	0	16	18.7	2.7		18.7	2.7		2.7	
2nd Fwd	M12	19	0	16	18.8	2.8		18.7	2.7		2.8	
1st Fwd	M11	19	0	16	18.9	2.9		18.8	2.8		2.9	
Amidships												
1st Aft	M10	21	0	17	20.7	3.7		20.8	3.8		3.8	
2nd Aft	M9	21	0	17	20.8	3.8		20.9	3.9		3.9	
3rd Aft	M8	17.5	0	14.5	17.4	2.9		17.4	2.9		2.9	
4th Aft	M7	17.5	0	14.5	17.4	2.9		17.2	2.7		2.8	
5th Aft	M6	17.5	0	14.5	17.3	2.8		17.4	2.9		2.9	
6th Aft	M5	18	0	15	17.8	2.8		17.9	2.9		2.9	
7th Aft	M4	18	0	15	17.7	2.7		17.7	2.7		2.7	
8th Aft	M3	18	0	15	17.7	2.7		17.8	2.8		2.8	
9th Aft	M2	18	0	15	17.8	2.8		17.8	2.8		2.8	
10th Aft	M1	18	0	15	17.9	2.9		17.7	2.7		2.8	

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

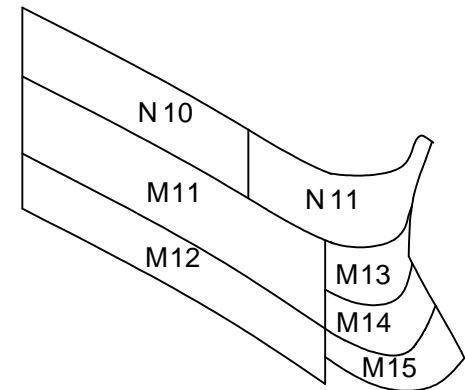
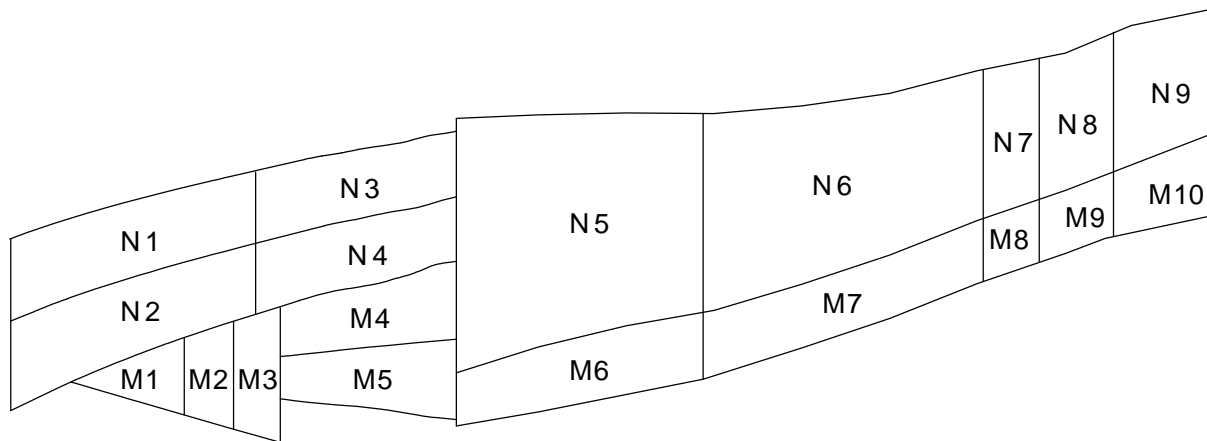
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Wind and Water Strakes - Wind and Water Strakes Plating
TM Sketches

WIND & WATER STRAKES IN WAY OF OUTSIDE CARGO AREA





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Peak Tanks – Transverse Webs and Bulkheads -
Fore Peak

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Fore Peak						
Location of Structure :					Transverse Web - Frame No. 309						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
WEB PLATE											
1		16	0	12	15.7	3.7		15.6	3.6		
2		16	0	12	15.8	3.8		15.7	3.7		
3		16	0	12	15.7	3.7		15.9	3.9		
4		16	0	12	15.8	3.8		15.6	3.6		
5		16	0	12	15.8	3.8		15.8	3.8		
6		15	0	12	14.8	2.8		14.9	2.9		
7		15	0	12	14.9	2.9		14.8	2.8		
8		15	0	12	14.8	2.8		14.7	2.7		
9		16	0	13	15.9	2.9		15.8	2.8		
10		16	0	13	15.6	2.6		15.8	2.8		
11		15	0	12	14.7	2.7		14.9	2.9		
12		15	0	12	14.8	2.8		14.7	2.7		
13		16	0	13	15.8	2.8		15.7	2.7		
14		16	0	13	15.9	2.9		15.8	2.8		
15		15	0	12	14.7	2.7		14.7	2.7		
16		15	0	12	14.8	2.8		14.8	2.8		
17		15	0	12	14.9	2.9		14.7	2.7		
18		15	0	12	14.7	2.7		14.8	2.8		
19		15	0	12	14.8	2.8		14.7	2.7		
20		15	0	12	14.7	2.7		14.7	2.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Fore Peak						
Location of Structure :					Transverse Web - Frame No. 309						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
FACE PLATE											
F1		18	0	15	17.8	2.8		17.7	2.7		
F2		18	0	15	17.9	2.9		17.8	2.8		
F3		18	0	15	17.7	2.7		17.9	2.9		
F4		18	0	14	17.8	3.8		17.8	3.8		
F5		18	0	15	17.9	2.9		17.7	2.7		
F6		18	0	15	17.8	2.8		17.7	2.7		
F7		18	0	15	17.7	2.7		17.8	2.8		
F8		18	0	15	17.8	2.8		17.7	2.7		
F9		18	0	15	17.9	2.9		17.9	2.9		
F10		18	0	15	17.8	2.8		17.8	2.8		
F11		18	0	15	17.7	2.7		17.7	2.7		
TANK TOP PLATE											
TP1		14.5	0	11.5	14.3	2.8		14.4	2.9		
TP2		14.5	0	11.5	14.4	2.9		14.5	3		
TP3		14.5	0	11.5	14.3	2.8		14.4	2.9		
TP4		14.5	0	11.5	14.5	3		14.3	2.8		
TP5		14.5	0	11.5	14.3	2.8		14.4	2.9		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

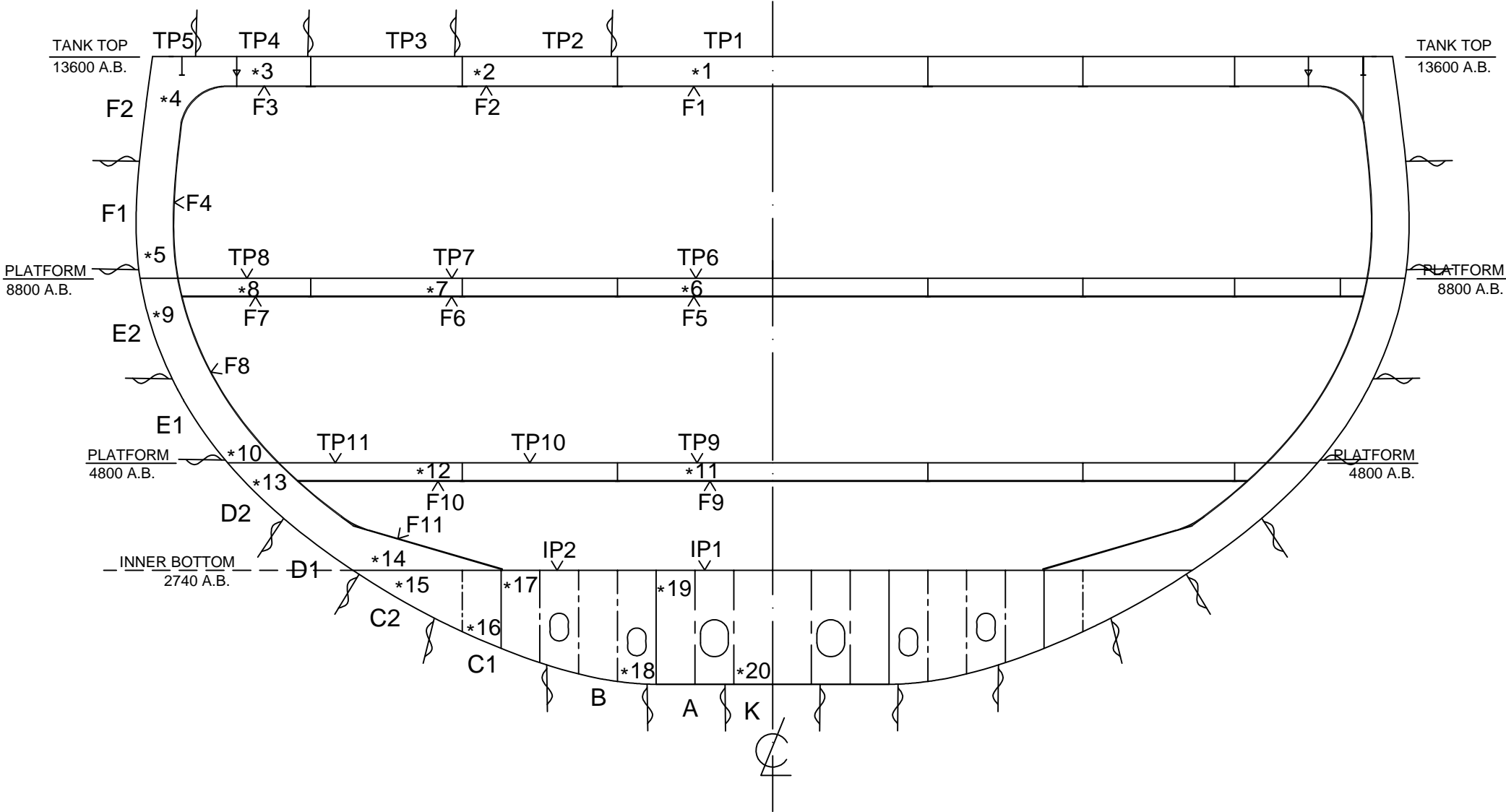
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Peak Tanks – Transverse Webs and Bulkheads - Fore Peak TM Sketches

F.P.T TRANS. WEB AT Fr.309





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Peak Tanks – Transverse Webs and Bulkheads -
Aft Peak

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

Space / Compartment Description :					Aft Peak						
Location of Structure :					Transverse Web - Frame No. 10						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
WEB PLATE											
1		14.5	0	11	14.4	3.4		14.3	3.3		
2		14.5	0	11	14.2	3.2		14.2	3.2		
3		14.5	0	11	14.3	3.3		14.4	3.4		
4		14.5	0	11	14.2	3.2		14.4	3.4		
5		14.5	0	11	14.3	3.3		14.3	3.3		
6		14.5	0	11	14.1	3.1		14.3	3.3		
7		14.5	0	11	14.4	3.4		14.4	3.4		
8		14.5	0	11	14.3	3.3		14.5	3.5		
9		14.5	0	11	14.4	3.4		14.3	3.3		
10		14.5	0	11	14.3	3.3		14.5	3.5		
11		14.5	0	11	14.3	3.3		14.4	3.4		
12		14.5	0	11	14.4	3.4		14.3	3.3		
13		14.5	0	11	14.2	3.2		14.2	3.2		
14		14.5	0	11	14.3	3.3		14.4	3.4		
TANK TOP PL.(PLATFORM 18600)											
TP1		16	0	14	15.9	1.9		15.9	1.9		
TP2		16	0	14	15.7	1.7		15.8	1.8		
TP3		16	0	14	15.8	1.8		15.7	1.7		
TP4		16	0	14	15.7	1.7		15.7	1.7		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng

Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM4 - Transverse Structural Members & Attached Longitudinal Structure

[illegible]

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

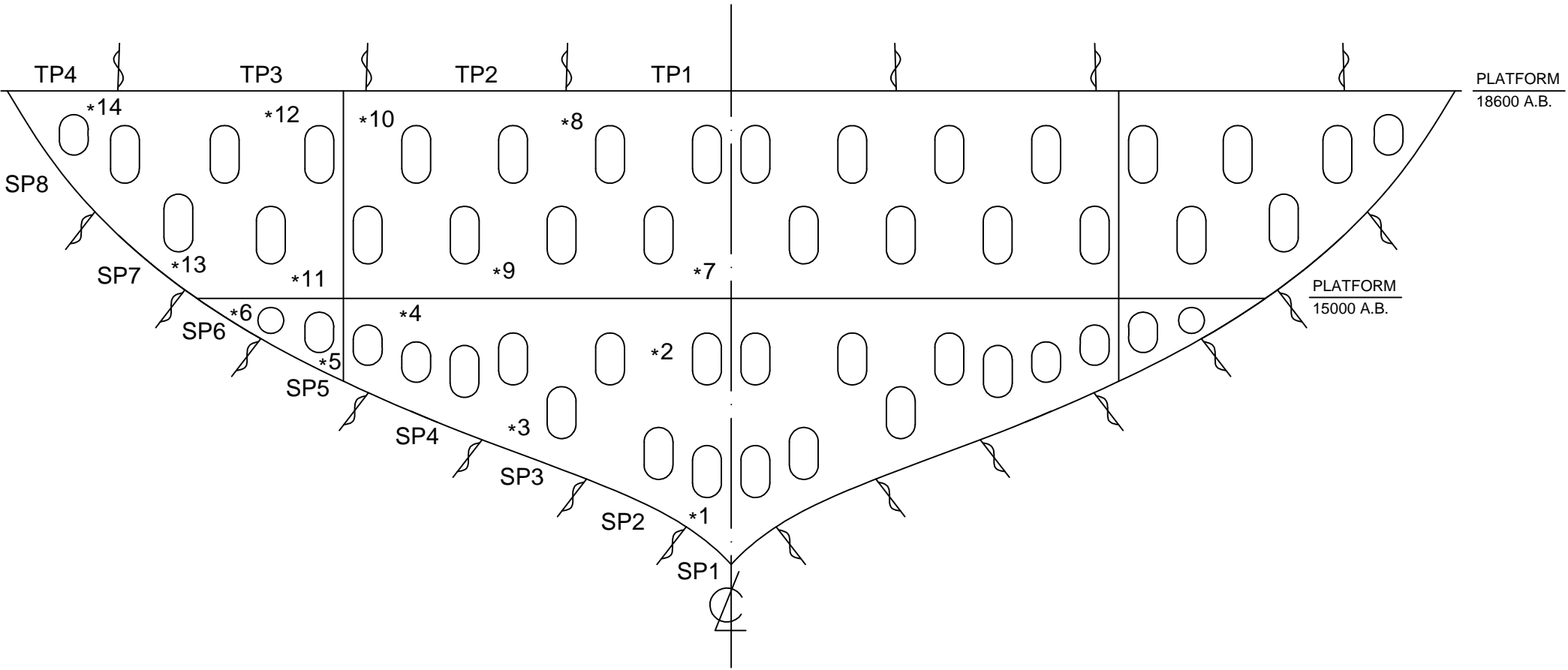
Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Peak Tanks – Transverse Webs and Bulkheads - Aft Peak TM Sketches

A.P.T TRANS. WEB AT Fr.10





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Sea Chests and Side Shell Plating IWO Overboard Discharges -
Side Shell Plating IWO Overboard Discharges

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Side Shell Plating IWO Overboard Discharges						
Location of Structure :					FR.25--49 IN E/R						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
#1(ONLY PORT SIDE)											
PIPE PLATE---1		13	0	9.1	12.6	3.5					
PIPE PLATE---2		13	0	9.1	12.7	3.6					
PIPE PLATE---3		13	0	9.1	12.8	3.7					
PIPE PLATE---4		13	0	9.1	12.7	3.6					
SIDE SHELL PLATE---1		17	0	14.5	16.6	2.1					
SIDE SHELL PLATE---2		17	0	14.5	16.7	2.2					
SIDE SHELL PLATE---3		17	0	14.5	16.6	2.1					
SIDE SHELL PLATE---4		17	0	14.5	16.7	2.2					
#2(ONLY PORT SIDE)											
PIPE PLATE---1		13	0	9.1	12.2	3.1					
PIPE PLATE---2		13	0	9.1	12.3	3.2					
PIPE PLATE---3		13	0	9.1	12.4	3.3					
PIPE PLATE---4		13	0	9.1	12.3	3.2					
SIDE SHELL PLATE---1		17	0	14.5	16.8	2.3					
SIDE SHELL PLATE---2		17	0	14.5	16.6	2.1					
SIDE SHELL PLATE---3		17	0	14.5	16.7	2.2					
SIDE SHELL PLATE---4		17	0	14.5	16.7	2.2					
#3(ONLY PORT SIDE)											
PIPE PLATE---1		9.5	0	6.7	9.1	2.4					
PIPE PLATE---2		9.5	0	6.7	9.3	2.6					

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Side Shell Plating IWO Overboard Discharges						
Location of Structure :					FR.25--49 IN E/R						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
PIPE PLATE---3		9.5	0	6.7	9.2	2.5					
PIPE PLATE---4		9.5	0	6.7	9.3	2.6					
SIDE SHELL PLATE---1		17	0	14.5	16.8	2.3					
SIDE SHELL PLATE---2		17	0	14.5	16.7	2.2					
SIDE SHELL PLATE---3		17	0	14.5	16.7	2.2					
SIDE SHELL PLATE---4		17	0	14.5	16.8	2.3					
#4(ONLY PORT SIDE)											
PIPE PLATE---1		11	0	7.7	10.8	3.1					
PIPE PLATE---2		11	0	7.7	10.6	2.9					
PIPE PLATE---3		11	0	7.7	10.7	3					
PIPE PLATE---4		11	0	7.7	10.8	3.1					
SIDE SHELL PLATE---1		20	0	17.5	19.7	2.2					
SIDE SHELL PLATE---2		20	0	17.5	19.6	2.1					
SIDE SHELL PLATE---3		20	0	17.5	19.7	2.2					
SIDE SHELL PLATE---4		20	0	17.5	19.7	2.2					
#5(ONLY PORT SIDE)											
PIPE PLATE---1		13	0	9.1	12.6	3.5					
PIPE PLATE---2		13	0	9.1	12.4	3.3					
PIPE PLATE---3		13	0	9.1	12.6	3.5					
PIPE PLATE---4		13	0	9.1	12.5	3.4					
SIDE SHELL PLATE---1		20	0	17.5	19.8	2.3					

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Side Shell Plating IWO Overboard Discharges						
Location of Structure :					FR.25--49 IN E/R						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
SIDE SHELL PLATE---2		20	0	17.5	19.7	2.2					
SIDE SHELL PLATE---3		20	0	17.5	19.7	2.2					
SIDE SHELL PLATE---4		20	0	17.5	19.8	2.3					
#1(ONLY STBD. SIDE)											
PIPE PLATE---1		9.5	0	6.7				9.2	2.5		
PIPE PLATE---2		9.5	0	6.7				9.1	2.4		
PIPE PLATE---3		9.5	0	6.7				9.2	2.5		
PIPE PLATE---4		9.5	0	6.7				9.1	2.4		
SIDE SHELL PLATE---1		17	0	14.5				16.8	2.3		
SIDE SHELL PLATE---2		17	0	14.5				16.8	2.3		
SIDE SHELL PLATE---3		17	0	14.5				16.7	2.2		
SIDE SHELL PLATE---4		17	0	14.5				16.7	2.2		
#2(ONLY STBD. SIDE)											
PIPE PLATE---1		9.5	0	6.7				9.2	2.5		
PIPE PLATE---2		9.5	0	6.7				9.1	2.4		
PIPE PLATE---3		9.5	0	6.7				9.2	2.5		
PIPE PLATE---4		9.5	0	6.7				9.3	2.6		
SIDE SHELL PLATE---1		17	0	14.5				16.8	2.3		
SIDE SHELL PLATE---2		17	0	14.5				16.7	2.2		
SIDE SHELL PLATE---3		17	0	14.5				16.8	2.3		
SIDE SHELL PLATE---4		17	0	14.5				16.6	2.1		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Side Shell Plating IWO Overboard Discharges						
Location of Structure :					FR.25--49 IN E/R						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
#3(ONLY STBD. SIDE)											
PIPE PLATE---1		13	0	9.1				12.7	3.6		
PIPE PLATE---2		13	0	9.1				12.8	3.7		
PIPE PLATE---3		13	0	9.1				12.6	3.5		
PIPE PLATE---4		13	0	9.1				12.7	3.6		
SIDE SHELL PLATE---1		17	0	14.5				16.6	2.1		
SIDE SHELL PLATE---2		17	0	14.5				16.6	2.1		
SIDE SHELL PLATE---3		17	0	14.5				16.7	2.2		
SIDE SHELL PLATE---4		17	0	14.5				16.8	2.3		
#4(ONLY STBD. SIDE)											
PIPE PLATE---1		13	0	9.1				12.6	3.5		
PIPE PLATE---2		13	0	9.1				12.5	3.4		
PIPE PLATE---3		13	0	9.1				12.7	3.6		
PIPE PLATE---4		13	0	9.1				12.7	3.6		
SIDE SHELL PLATE---1		17	0	14.5				16.6	2.1		
SIDE SHELL PLATE---2		17	0	14.5				16.8	2.3		
SIDE SHELL PLATE---3		17	0	14.5				16.6	2.1		
SIDE SHELL PLATE---4		17	0	14.5				16.7	2.2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

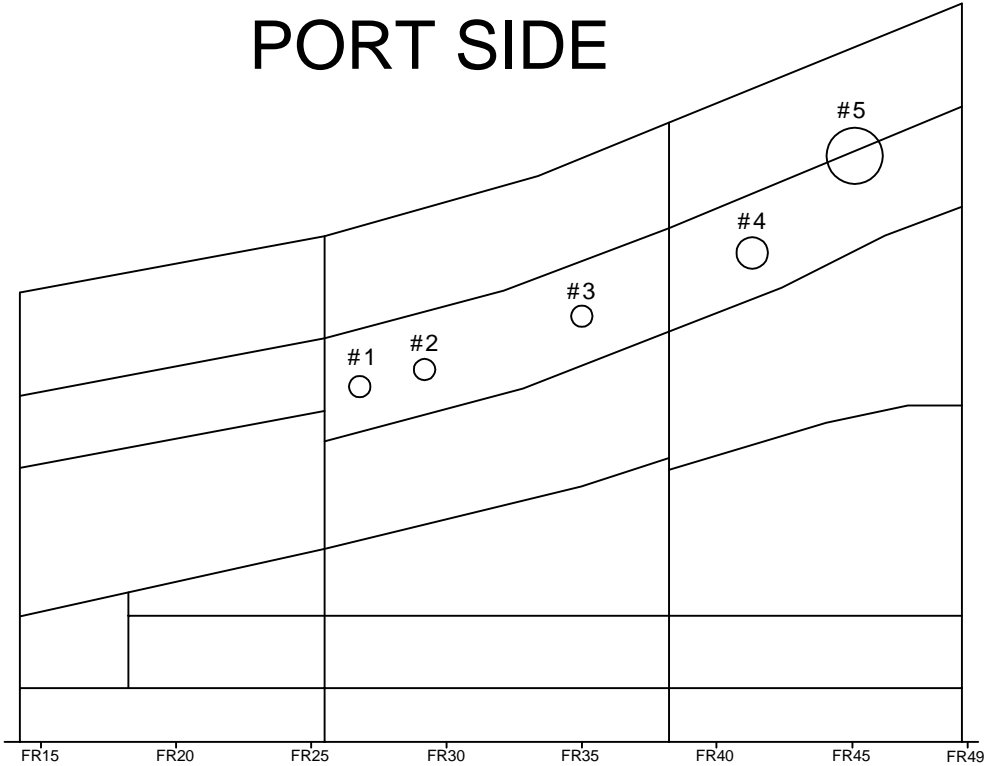
TM Report No : ZSN2066110

Sea Chests and Side Shell Plating IWO Overboard Discharges -
Side Shell Plating IWO Overboard Discharges

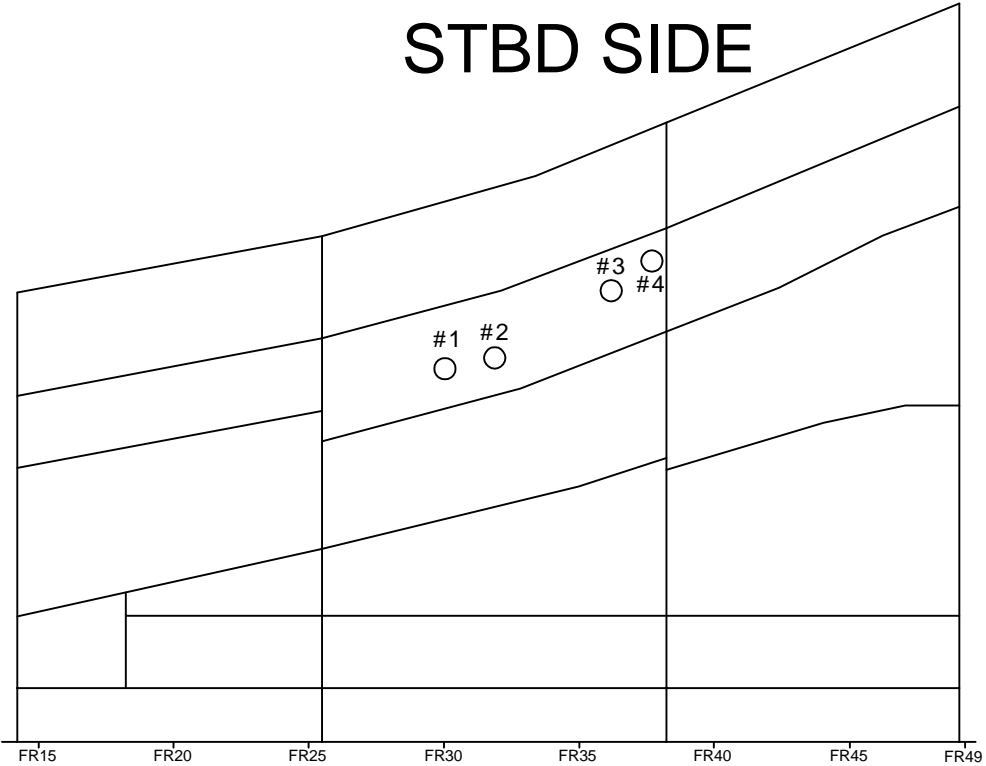
TM Sketches

OVERBOARD DISCHARGE PIPE IN E/R

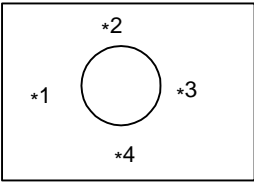
PORT SIDE



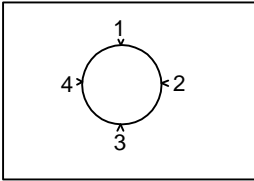
STBD SIDE



SIDE SHELL PLATE



PIPE





Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

**Sea Chests and Side Shell Plating IWO Overboard Discharges -
Sea Chests**

TM Forms



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :				Sea Chests							
Location of Structure :				FR.37-44							
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
HIGH SEA CHEST (P)											
TOP PLATE--1		20	0	18	19	1					
TOP PLATE--2		20	0	18	19.8	1.8					
TOP PLATE--3		20	0	18	19.7	1.7					
TOP PLATE--4		20	0	18	19.8	1.8					
AFTER PLATE--1		20	0	18	19.7	1.7					
AFTER PLATE--2		20	0	18	19.7	1.7					
AFTER PLATE--3		20	0	18	19.8	1.8					
AFTER PLATE--4		20	0	18	19.6	1.6					
FORE PLATE--1		20	0	18	19.7	1.7					
FORE PLATE--2		20	0	18	19.8	1.8					
FORE PLATE--3		20	0	18	19.8	1.8					
FORE PLATE--4		20	0	18	19.7	1.7					
INSIDE PLATE--1		20	0	18	19.7	1.7					
INSIDE PLATE--2		20	0	18	19.8	1.8					
INSIDE PLATE--3		20	0	18	19.7	1.7					
INSIDE PLATE--4		20	0	18	19.8	1.8					
BOTTOM PLATE--1		20	0	17.5	19.7	2.2					
BOTTOM PLATE--2		20	0	17.5	19.8	2.3					
BOTTOM PLATE--3		20	0	17.5	19.7	2.2					
BOTTOM PLATE--4		20	0	17.5	19.7	2.2					

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Sea Chests						
Location of Structure :					FR.37-44						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
PIPE--1		16	0	11.2	15.5	4.3					
PIPE--2		16	0	11.2	15.7	4.5					
PIPE--3		16	0	11.2	15.6	4.4					
PIPE--4		16	0	11.2	15.5	4.3					
LOWER SEA CHEST (P)											
TOP PLATE--1		20	0	17.5	19.7	2.2					
TOP PLATE--2		20	0	17.5	19.9	2.4					
TOP PLATE--3		20	0	17.5	19.8	2.3					
TOP PLATE--4		20	0	17.5	19.7	2.2					
AFTER PLATE--1		20	0	17.5	19.8	2.3					
AFTER PLATE--2		20	0	17.5	19.9	2.4					
AFTER PLATE--3		20	0	17.5	19.7	2.2					
AFTER PLATE--4		20	0	17.5	19.8	2.3					
FORE PLATE--1		20	0	17.5	19.8	2.3					
FORE PLATE--2		20	0	17.5	19.7	2.2					
FORE PLATE--3		20	0	17.5	19.8	2.3					
FORE PLATE--4		20	0	17.5	19.7	2.2					
INSIDE PLATE--1		20	0	17.5	19.7	2.2					
INSIDE PLATE--2		20	0	17.5	19.8	2.3					
INSIDE PLATE--3		20	0	17.5	19.7	2.2					
INSIDE PLATE--4		20	0	17.5	19.8	2.3					

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Space / Compartment Description :					Sea Chests						
Location of Structure :					FR.37-44						
Structural Component	Sketch Reference ID	As Built Thickness (mm)	Voluntary Thickness Addition (mm)	Renewal Thickness (mm)	Port Reading			Starboard Reading			Comments
					Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	Gauged Thickness (mm)	Remaining Corrosion Addition (mm)	Thickness As Renewed (mm)	
PIPE--1		12.5	0	8.8	12.4	3.6					
PIPE--2		12.5	0	8.8	12.2	3.4					
PIPE--3		12.5	0	8.8	12.5	3.7					
PIPE--4		12.5	0	8.8	12.3	3.5					
HIGH SEA CHEST (S)											
TOP PLATE--1		20	0	18				19.7	1.7		
TOP PLATE--2		20	0	18				19.8	1.8		
TOP PLATE--3		20	0	18				19.7	1.7		
TOP PLATE--4		20	0	18				19.7	1.7		
AFTER PLATE--1		20	0	18				19.8	1.8		
AFTER PLATE--2		20	0	18				19.9	1.9		
AFTER PLATE--3		20	0	18				19.8	1.8		
AFTER PLATE--4		20	0	18				19.7	1.7		
FORE PLATE--1		20	0	18				19.8	1.8		
FORE PLATE--2		20	0	18				19.8	1.8		
FORE PLATE--3		20	0	18				19.7	1.7		
FORE PLATE--4		20	0	18				19.7	1.7		
INSIDE PLATE--1		20	0	18				19.9	1.9		
INSIDE PLATE--2		20	0	18				19.8	1.8		
INSIDE PLATE--3		20	0	18				19.9	1.9		
INSIDE PLATE--4		20	0	18				20	2		

● Excessive Diminution ● Substantial Corrosion ● Renewed As Built ● Renewed other than As Built ● Missing Reading ● Abnormally High Reading

Name of TM Operator : WANG ShiHong

Name of LR Attending Surveyor : Ding Pengpeng



TM Report No : ZSN2066110

TM6 - Miscellaneous Structural Members

Page 568 of 571



Thickness Measurement Report

Ship's Name : XIN BIN HAI

LR/IMO Number : 9492098

TM Report No : ZSN2066110

Sea Chests and Side Shell Plating IWO Overboard Discharges - Sea Chests TM Sketches

SEA CHEST

(P)

(S)

