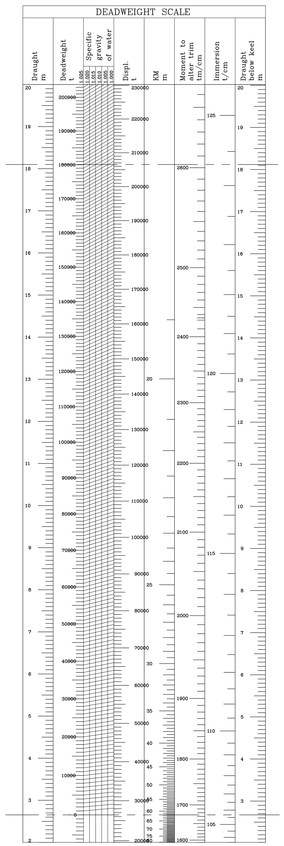
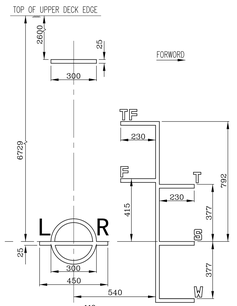
DS402-050-27002

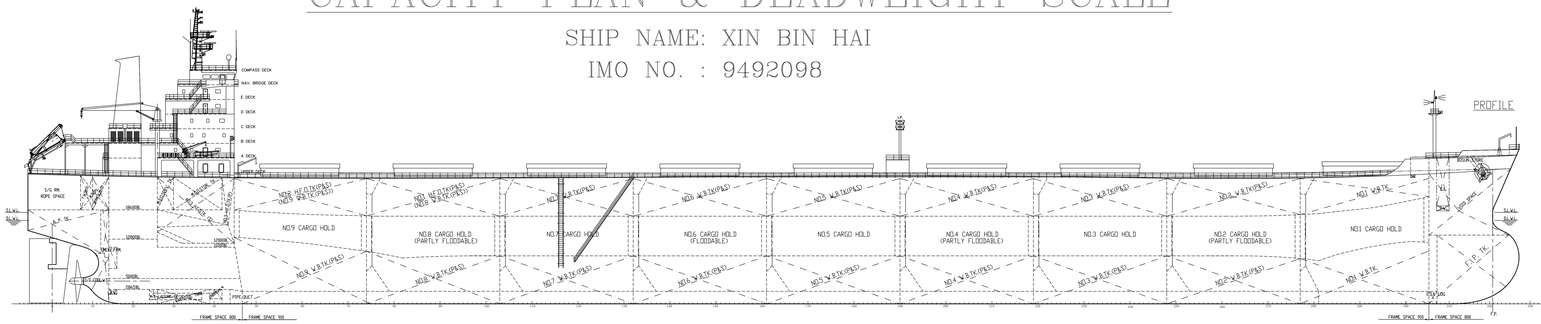
CAPACITY PLAN & DEADWEIGHT SCALE

SHIP NAME: XIN BIN HAI

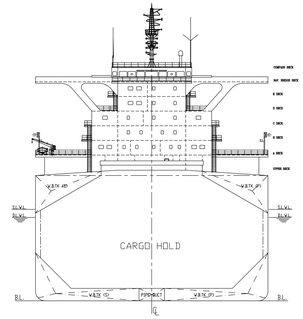
IMO NO. : 9492098



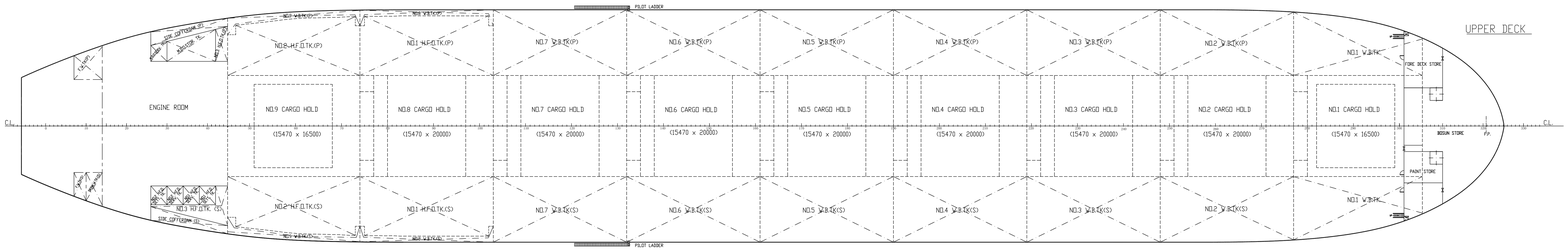




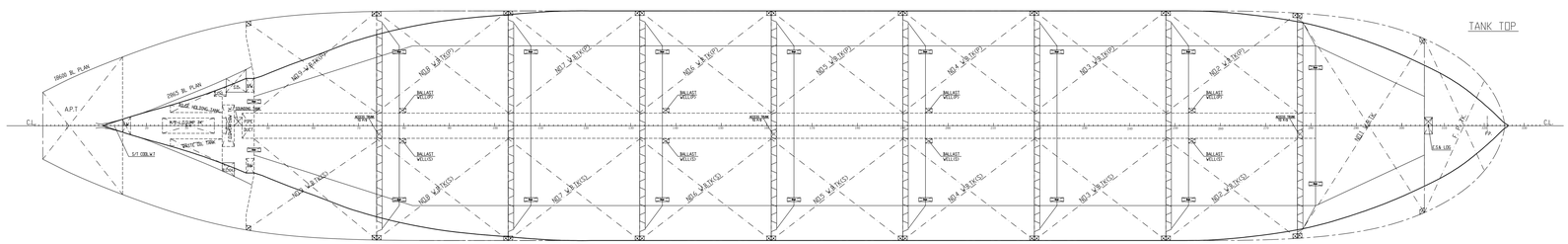
PROFILE



MIDSHIP SECTION

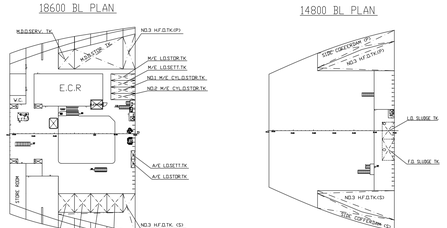


UPPER DECK



TANK TOP

18600 BL PLAN



14800 BL PLAN

CARGO HOLD

COMPARTMENTS	CAPACITIES VOLUME m3	CAPACITIES 100%VOL m3	CENTRES OF VOL AT 100% LCG m	CENTRES OF VOL AT 100% TCG m	CENTRES OF VOL AT 100% VCG m	MAX. TRANS.I m4	LOCATION FRAME #
NO.1 CARGO HOLD	19128.4	19128.4	259.43	0.00	14.39	134089	277 – 305
NO.2 CARGO HOLD	23167.4	23167.4	234.43	0.00	13.74	209339	248 – 277
NO.3 CARGO HOLD	23212.2	23212.2	208.06	0.00	13.74	212025	219 – 248
NO.4 CARGO HOLD	23228.9	23228.9	181.66	0.00	13.74	212033	190 – 219
NO.5 CARGO HOLD	23211.6	23211.6	155.28	0.00	13.74	212016	161 – 190
NO.6 CARGO HOLD	23212.7	23212.7	128.89	0.00	13.74	212033	132 – 161
NO.7 CARGO HOLD	23196.8	23196.8	102.50	0.00	13.74	211915	103 – 132
NO.8 CARGO HOLD	23096.1	23096.1	76.16	0.00	13.76	211475	74 – 103
NO.9 CARGO HOLD	20499.2	20499.2	49.93	0.00	14.59	190186	45 – 74
SUM	201953.4	201953.4	154.49	0.00	13.89	1805111	

*BALLAST WATER TANKS IN PORT ONLY

COMPARTMENTS	CAPACITIES 80%VOLUME m3	MAX. FILLING RATIO	CENTRES OF VOL AT 80% LCG m	CENTRES OF VOL AT 80% TCG m	CENTRES OF VOL AT 80% VCG m	MAX. TRANS.I m4
NO.2 CARGO HOLD	18534	80%	234.43	0.00	11.54	209339
NO.4 CARGO HOLD	18583	80%	181.66	0.00	11.53	212033
NO.6 CARGO HOLD	18477	80%	76.18	0.00	11.56	211475

WATER BALLAST TANKS

COMPARTMENTS	CAPACITIES VOLUME m3	CAPACITIES 100%VOL m3	CENTRES OF VOL AT 100% LCG m	CENTRES OF VOL AT 100% TCG m	CENTRES OF VOL AT 100% VCG m	MAX. TRANS.I m4	LOCATION FRAME #
NO.1 W.B.T.(C)	5096.4	5096.4	259.20	0.00	11.09	135159	277 – 305
NO.2 W.B.T.(C)	3178.6	3178.6	233.39	16.30	11.21	17052	248 – 277
NO.2 W.B.T.(P)	3178.6	3178.6	233.39	-16.30	11.21	17052	248 – 277
NO.3 W.B.T.(S)	3331.5	3331.5	207.31	-16.55	10.89	18887	219 – 248
NO.3 W.B.T.(P)	3331.5	3331.5	207.31	-16.55	10.89	18887	219 – 248
NO.4 W.B.T.(S)	3332.3	3332.3	180.93	-16.55	10.89	18891	190 – 219
NO.4 W.B.T.(P)	3332.3	3332.3	180.93	-16.55	10.89	18891	190 – 219
NO.5 W.B.T.(S)	3332.3	3332.3	154.54	-16.55	10.89	18891	161 –190
NO.5 W.B.T.(P)	3332.3	3332.3	154.54	-16.55	10.89	18891	161 –190
NO.6 W.B.T.(S)	3332.3	3332.3	128.15	-16.55	10.89	18891	132 –161
NO.6 W.B.T.(P)	3332.3	3332.3	128.15	-16.55	10.89	18891	132 –161
NO.7 W.B.T.(S)	3299.8	3299.8	101.83	-16.50	10.99	18563	103 –132
NO.7 W.B.T.(P)	3299.8	3299.8	101.83	-16.50	10.99	18563	103 –132
FORE PEAK TK.	3520.9	3520.9	76.09	-15.00	5.18	12729	74 – 103
NO.8 W.B.T.(S)	1778.0	1778.0	76.09	-15.00	5.18	12729	74 – 103
NO.8 W.B.T.(P)	1778.0	1778.0	76.09	-15.00	5.18	12729	74 – 103
NO.9 W.B.T.(S)	1485.8	1485.8	49.93	-13.72	7.39	3380	45 – 74
NO.9 W.B.T.(P)	1485.8	1485.8	49.93	-13.72	7.39	3380	45 – 74
FORE PEAK TK.	3520.9	3520.9	276.72	0.00	7.88	15009	305 – 327
APT PEAK TK.	1330.2	1330.2	4.91	-0.01	16.07	13538	-6 – 14
SUM	56089.0	56089.0	166.78	0.00	10.34	418274	
HEAVY BALLAST TANKS							
NO.6 CARGO HOLD	23212.7	23212.7	128.89	0.00	13.74	212033	132 –161

FRESH WATER TANKS

COMPARTMENTS	CAPACITIES VOLUME m3	CAPACITIES 100%VOL m3	CENTRES OF VOL AT 100% LCG m	CENTRES OF VOL AT 100% TCG m	CENTRES OF VOL AT 100% VCG m	MAX. TRANS.I m4	LOCATION FRAME #
F.W.T.(S)	70.0	70.0	6.84	11.38	22.37	28	7 – 10
F.W.T.(P)	185.2	185.2	8.59	-11.69	22.32	93	7 – 14
DRINKING WATER TK.(S)	115.2	115.2	9.66	11.88	22.28	63	10 – 14
SUM	370.4	370.4	8.59	0.00	20.32	184	

OTHER TANKS

COMPARTMENTS	CAPACITIES VOLUME m3	CAPACITIES 98%VOL m3	CENTRES OF VOL AT 98% LCG m	CENTRES OF VOL AT 98% TCG m	CENTRES OF VOL AT 98% VCG m	MAX. TRANS.I m4	LOCATION FRAME #
BILGE HOLDING TANK	48.0	47.1	27.08	-3.80	1.84	26	26 – 39
F.O.OVERFLOW TK.	34.8	34.1	32.44	0.00	1.68	116	39 – 42
WASTE OIL TANK	49.1	48.1	27.15	3.85	1.85	34	26 – 39
F.O.SLUDGE TANK	7.9	7.7	34.80	3.78	14.39	15	42 – 45
L.O.SLUDGE TANK	6.3	6.2	34.80	0.00	14.39	8	42 – 45
SUM	146.1	143.1	29.13	0.25	3.07	199	
	VOLUME	100%VOL					
S/T COOLING W.TK.(C)	48.7	48.7	9.69	0.00	4.33	10	8 – 14

FUEL OIL TANKS

COMPARTMENTS	CAPACITIES VOLUME m3	CAPACITIES 98%VOL m3	CENTRES OF VOL AT 98% LCG m	CENTRES OF VOL AT 98% TCG m	CENTRES OF VOL AT 98% VCG m	MAX. TRANS.I m4	LOCATION FRAME #
NO.1 FUEL OIL TK.(S)	1150.8	1127.8	75.36	-17.51	22.82	3537	74 –103
NO.1 FUEL OIL TK.(P)	1150.8	1127.8	75.36	17.51	22.82	3537	74 –103
NO.2 FUEL OIL TK.(S)	1012.1	991.9	49.85	-17.05	22.97	2920	45 – 74
NO.2 FUEL OIL TK.(P)	1012.1	991.9	49.85	17.05	22.97	2920	45 – 74
NO.3 FUEL OIL TK.(S)	657.4	644.3	31.00	-15.12	19.47	326	26 – 45
NO.3 FUEL OIL TK.(P)	657.4	644.3	31.00	15.12	19.49	240	26 – 45
NO.1 F.O.SER.TK.	79.6	78.0	32.09	-13.72	21.93	14	34 – 36
NO.1 F.O.SER.TK.	79.6	78.0	28.80	13.72	21.93	14	34 – 36
NO.2 F.O.SET.TK.	79.6	78.0	22.40	13.72	21.93	14	28 – 30
NO.2 F.O.SER.TK.	79.6	78.0	25.60	13.72	21.93	14	30 – 34
SUM	5763.9	5648.7	55.09	1.30	21.86	13536	

LUBRICATE OIL TANKS

COMPARTMENTS	CAPACITIES VOLUME m3	CAPACITIES 98%VOL m3	CENTRES OF VOL AT 98% LCG m	CENTRES OF VOL AT 98% TCG m	CENTRES OF VOL AT 98% VCG m	MAX. TRANS.I m4	LOCATION FRAME #
NO.1 M/E CYLO.STO.	35.6	34.9	33.60	-8.61	21.54	1	39 – 45
NO.2 M/E CYLO.STO.	35.6	34.9	33.60	-7.55	21.54	1	39 – 45
M/E L.O.SETT.TK.	37.0	36.2	33.60	-9.90	21.54	1	39 – 45
M/E L.O.STOR.TK.	37.0	36.2	33.60	-11.20	21.54	1	39 – 45
A/E L.O.SETT.TK.	7.9	7.7	35.60	4.20	21.54	0	44 – 45
A/E L.O.STOR.TK.	7.9	7.7	35.60	5.88	21.54	0	44 – 45
M/E L.O.SUMP.TK.	40.9	40.1	24.28	0.00	1.50	25	34 – 37
SUM	201.8	197.7	31.87	-6.29	17.46	29	

DIESEL OIL TANKS

COMPARTMENTS	CAPACITIES VOLUME m3	CAPACITIES 98%VOL m3	CENTRES OF VOL AT 98% LCG m	CENTRES OF VOL AT 98% TCG m	CENTRES OF VOL AT 98% VCG m	MAX. TRANS.I m4	LOCATION FRAME #
M.D.O.STOR.TK.	325.4	318.9	29.17	-15.41	21.88	121	30 – 42
M.D.O.SERV.TK.	75.3	73.8	22.46	-14.57	21.91	12	26 – 30
SUM	400.7	392.7	27.91	-15.05	21.88	133	

PRINCIPAL PARTICULARS

LENGTH OVERALL	abt. 295.0	m
LENGTH B.P.	285.00	m
BREADTH(MLD.)	46.00	m
DEPTH(MLD.)	24.80	m
DESIGN DRAUGHT(MLD.)	16.50	m
SCANTLING DRAUGHT(MLD.)	18.10	m

DSIC
DALIAN CHINA
TEL: 0411-84482166
FAX: 0411-84612923
E-MAIL: AI758@SOHU.COM

180,000 DWT 重散船
180,000 DWT BULK CARRIER

更改号	更改内容	日期	签名
NO.		DATE	

	姓名	日期
设 计	DSDN	
校 对	CHAO	
审 核	HEAD	
批 准	LING	
批 准	AFAO	

更改设计 FINAL DESIGN	
DS402-050-27002	
重量 WEIGHT	比例 SCALE 1:300
共 1 张 TOTAL SHEETS	第 1 张 SHEET

船容及载重水尺图
CAPACITY PLAN & DEADWEIGHT SCALE

大连船舶重工集团有限公司
船舶及海洋工程设计研究院
DSIC SHIPBUILDING & OFFSHORE MARKETING AND DEVELOPMENT RESEARCH CENTER

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