DS402-103-27003

"XIN BIN HAI" FIRE CONTROL AND SAFETY PLAN
(IMO NO.: 9492098)

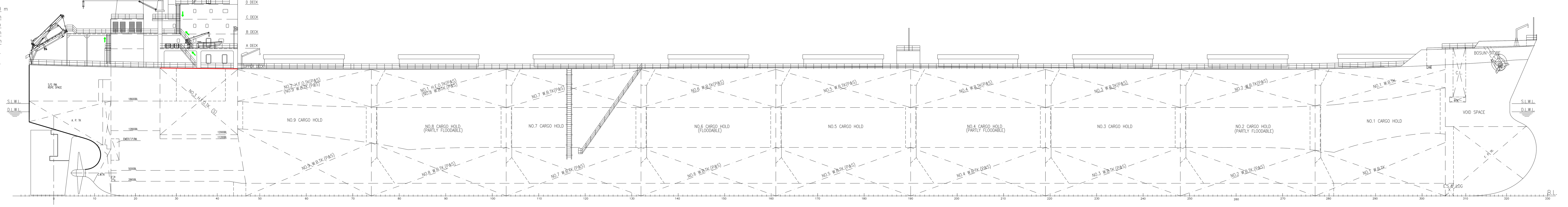
PRINCIPAL PARTICULARS 主尺度

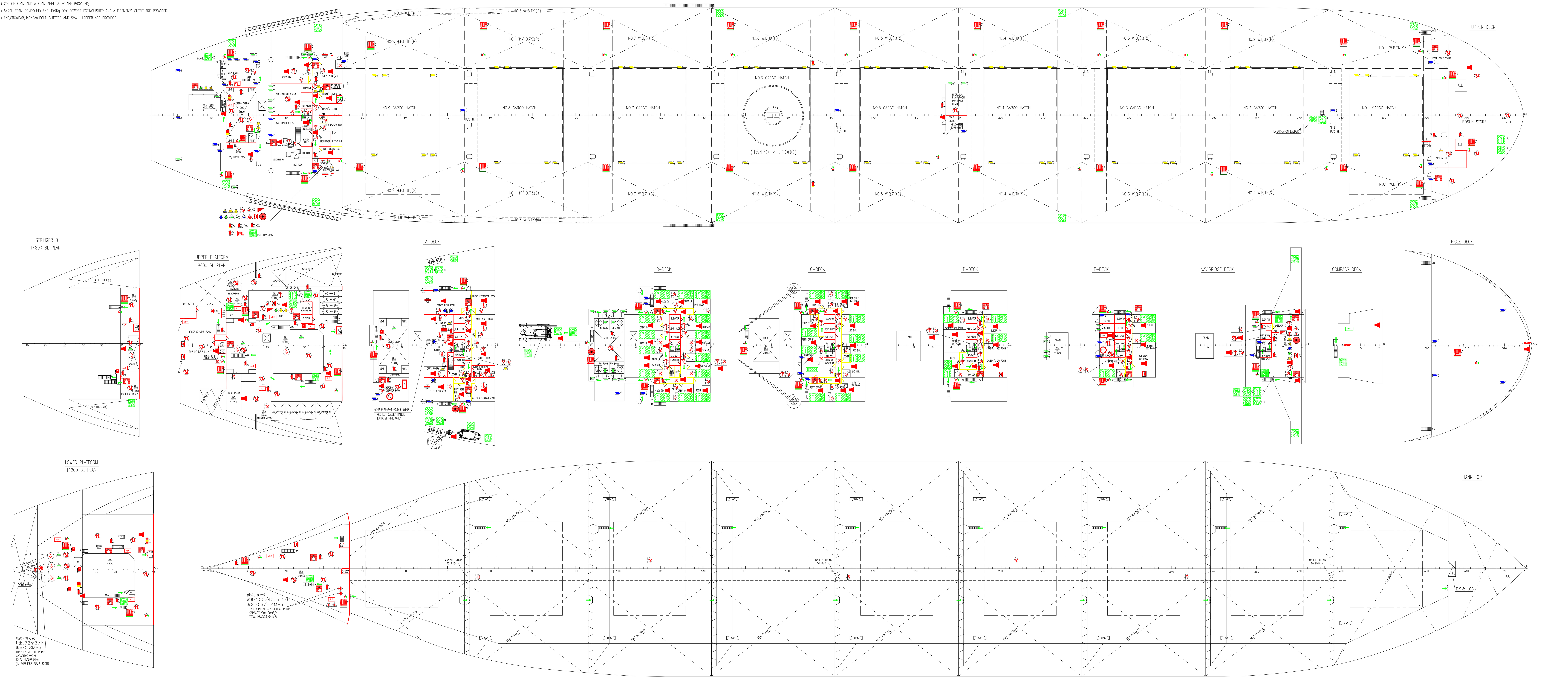
总长	LENGTH O.A	abt.294.72.00 m
垂线间长	LENGTH B.P	284.72 m
型宽	BREADTH MLD.	46.00 m
型深	DEPTH MLD.	24.80 m
吃水	DRAUGHT DESIGN/SCANTLING	16.50/18.10 m
船员定额	COMPLEMENT	30 P
救生设备配备	LIFE SAVING APPLIANCES PROVIDED FOR	30 P

FIRE LOCKER(include fireman's outfit)
EVERY FIREMAN'S OUTFIT IS TO CONSIST OF:
(1) PROTECTIVE CLOTHING OF MATERIAL TO PROTECT THE SKIN FROM THE HEAT RADIATING FROM THE FIRE AND FROM BURNS AND SCALDING BY STEAM.THE OUTER SURFACE SHALL BE WATER-RESISTANT;
(2) BOOTS OF RUBBER OR OTHER ELECTRICALLY NON-CONDUCTING MATERIAL;
(3) RIGID HELMET PROVIDING EFFECTIVE PROTECTION AGAINST IMPACT;
(4) ELECTRIC SAFETY LAMP(HAND LANTERN) OF AN APPROVED TYPE WITH A MINIMUM BURNING PERIOD OF 3 h;
(5) AXE WITH A HANDLE PROVIDED WITH HIGH-VOLTAGE INSULATION;
(6) BREATHING APPARATUS SHALL BE A SELF-CONTAINED COMPRESSED AIR-OPERATED BREATHING APPARATUS FOR WHICH THE VOLUME OF AIR CONTAINED IN THE CYLINDERS SHALL BE AT LEAST 1200 l ,TWO SPARE CHARGES TO BE PROVIDED FOR EACH REQUIRED BREATHING APPARATUS, WHICH SHALL BE CAPABLE OF FUNCTIONING FOR AT LEAST 30min.ALL AIR CYLINDERS FOR BREATHING APPARATUS SHALL BE INTERCHANGEABLE.
(7) A FIRE PROOF LIFELINE OF AT LEAST 30m IN LENGTH.

SELF-CONTAINED BREATHING APPARATUS ARE TO CONSIST OF:
TWO SPARE CHARGES SUITABLE FOR USE WITH THE BREATHING APPARATUS SHALL BE PROVIDED FOR EACH REQUIRED APPARATUS.

REMARKS
* 1. AS PER IACS (UI) SC213, VESSEL CONTRACT DATE PRIOR 01. JULY.2008 AND MSC.1/CIRC.1243.
* 2. SAFETY EQUIPMENT FOR COMPLIANCE WITH AUSTRALIAN CODE OF SAFE PRACTICE FOR HELICOPTER TRANSFERS, SECTION 7
(1) 20L OF FOAM AND A FOAM APPLICATOR ARE PROVIDED;
(2) 6X20L FOAM COMPOUND AND 1X9Kg DRY POWDER EXTINGUISHER AND A FIREMEN'S OUTFIT ARE PROVIDED.
(3) AXE,CROWBAR,HACKSAW,BOLT-CUTTERS AND SMALL LADDER ARE PROVIDED.





图纸履历 PLAN HISTORY

日期 DATE	版本 REV.	标记 MARK	说明 DESCRIPTION	设绘 DWN	审核 REW	审定 APPD
18/03-10	0		FOR WORKING	董炳英	赵东东	李智文

数量 QUANTITY

序号 NO.	类别 TYPE	名称 ITEMS	总数 SUM	舱顶 TANKTOP	机舱下平台 E.R. LOWER PLAT.	B平台 B STRINGER	机舱上平台 E.R. UPPER PLAT.	首楼甲板 F'CLE DECK	上甲板 UPPER DECK	A甲板 A DECK	B甲板 B DECK	C甲板 C DECK	D甲板 D DECK	E甲板 E DECK	驾驶甲板 BRIDGE DECK	罗经甲板 COMPASS DECK
1	灭火系统 FIRE-EXTINGUISHING SYSTEM	国际通岸接头 INTERNATIONAL SHORE CONNECTION														
2		消防总管隔离阀 FIRE MAIN SECTION VALVE	3				1		2							
3		消防栓 FIRE HYDRANT	51	2	2	1	3	1	26 +1 in eng. cas.	3	3	3	2	2	2	
4		附有水枪的水龙带箱 HOSE BOX WITH FIRE NOZZLE	27					1	26							
5		附有水枪的水龙带箱 HOSE BOX WITH FIRE NOZZLE	15							3	3	3	2	2	2	
6		附有水枪的水龙带箱 HOSE BOX WITH FIRE NOZZLE	9	2	2	1	3		1 eng. casing							
7		消防/舱底通用泵 FIRE/BILGE GENERAL PUMP	2	2												
8		应急消防泵 EMERGENCY FIRE PUMP	1		1											
9		水雾系统泵 WATER MIST SYSTEM PUMP	1				1									
10		135L 手推车式泡沫灭火器 135L WHEELED FOAM FIRE EXTINGUISHER	1						1							
11		45L 手推车式泡沫灭火器 45L WHEELED FOAM FIRE EXTINGUISHER	1		1											
12		9升手提式泡沫灭火器 9L PORTABLE FOAM FIRE EXTINGUISHER	2+2						2 +2spare							
13		5kg 手提式CO2灭火器 5kg PORTABLE CO2 FIRE EXTINGUISHER	8+8				1		2 +8spare	3					2	
14		6kg 手提式干粉灭火器 6kg PORTABLE POWDER FIRE EXTINGUISHER	41+26	3	3	2	9		8 +26spare	5	4	2	2	2	1	
15		20升手提式泡沫喷枪 20L PORTABLE FOAM APPLICATOR	2		1				1							
16		由CO2灭火系统保护的处所 SPACE PROTECTED BY CO2 FIRE EXTINGUISHING SYSTEM	15	1	1	2	6		1	2		1		1		
17		由固定式局部水基系统保护区域 AREA OR GROUP OF AREAS PROTECTED BY FWBLAFFS	7		3	1	2			1						
18		CO2施放站 CO2 RELEASE STATION	2						2							
19		CO2钢瓶组 CO2 BATTERY (E.R.)	204 bottles						204 bottles							
20		CO2钢瓶组 CO2 BATTERY(GALLY EXHAUST DUCT)	1 bottle							1 bottle						
21		水雾系统阀组 WATER SPRAY SYSTEM VALVES	2				1		1							
22		由水雾系统保护的处所 SPACE PROTECTED BY WATER MIST SPRAY SYSTEM	1						1							
23		水雾系统施放站 WATER MIST SYSTEM RELEASE STATION	1						1							
24		水雾系统释放按钮 PUSH BUTTON FOR WATER SPRAY SYSTEM RELEASE	7		3	1	2			1						
25																
26																
27	防火系统 FIRE PROOF SYSTEM	A级分隔 A CLASS DIVISION														
28		B级分隔 B CLASS DIVISION														
29		A级铰链防火门 A-CLASS HINGED FIRE DOOR	22						6	6	3	2	2	2	1	
30		A级铰链自闭防火门 A-CLASS HINGED SELF-CLOSING FIRE DOOR	32	1	1	2	7		4	6	3	2	2	3	1	
31		B级铰链防火门 B CLASS HINGED FIRE DOOR	50						6	7	16	12	6	3		
32		B级自闭铰链防火门 B CLASS HINGED SELF-CLOSING FIRE DOOR	4						1	1				1	1	
33		通风口进出口防火闸阀(起居处所和服务处所) CLOSING DEVICE FOR VENT. INLET OR OUTLET (ACCOM.& SERVICE SPACES)	45					4	23	5	4	3		4	2	
34		通风口进出口关闭装置(机器处所) CLOSING DEVICE FOR VENT INLET OR OUTLET (MACHINERY SPACES)	28						13		8			6	1	
35		通风口进出口关闭装置(货舱处所) CLOSING DEVICE FOR VENTILATION INLET OR OUTLET (CARGO SPACES)	54						54							
36		通风机遥控关闭(起居处所和服务处所) VENTILATION REMOTE CONTROL OR SHUT-OFF(ACCOM.& SERVICE SPACE)														
37		通风机遥控关闭(机器处所) VENTILATION REMOTE CONTROL OR SHUT-OFF(MACHINERY SPACE)														
38		厨房设备紧急切断 EMCY CLOSING FOR GALLEY EQUIPMENT														
39		燃油泵遥控关闭 FUEL PUMP REMOTE SHUT-OFF														
40		燃油阀遥控 REMOTE CONTROLLED FUEL OIL VALVES														
41		滑油阀遥控 REMOTE CONTROLLED LUBRICATING OIL VALVES														
42		挡火闸(起居处所和服务处所) FIRE DAMPER (ACCOM.& SERVICE SPACES)	5							5						
43		挡火闸(机器处所) FIRE DAMPER (MACHINERY SPACES)	4								4					
44		遥控消防/舱底通用泵 REMOTE CONTROL FOR FIRE/BILGE GENERAL PUMP					2			2						
45		遥控应急消防泵 REMOTE CONTROL FOR EMERGENCY FIRE PUMP			1		1		1							
46		滑油泵遥控关闭 LUBE OIL PUMP REMOTE SHUT-OFF	6				1		4						1	
47		防火风闸控制盒(起居处所和服务处所) REMOTE CONTROL FIRE DAMPERS (ACCOM.& SERVICE SPACES)														
48		防火风闸控制盒(机器处所) REMOTE CONTROL FIRE DAMPERS (MACHINERY SPACES)	1						1							
49		[illegible]	1						1							
50	探火报警系统 FIRE ALARM & DETECT. SYSTEM	失火报警屏 FIRE ALARM PANEL														
51		手动呼叫点 MANUALLY OPERATED CALL POINT														
52		通用报警器 GENERAL ALARM														
53		感焰探测器 FLAME DETECTOR														
54		感烟探测器 SMOKE DETECTOR														
55		感温探测器 HEAT DETECTOR														
56		通用报警按钮/开关 PUSH BUTTON/SWITCH FOR GENERAL ALARM														
57		机舱报警灯柱 E/R ALARM LAMP COLUMN														
58		广播喇叭 FIRE/GENERAL ALARM SPEAKER														
59		警笛 WHISTLE FOR GENERAL EMERGENCY ALARM														
60		感烟感温探测器 SMOKE & HEAT DETECTOR														
61																
62	救生系统 SAFETY SYSTEM	应急示位标 EPIRB														
63		雷达应答器 RADAR TRANSPONDER									1				1	
64		手提无线电 TWO-WAY VHF RADIOTELEPHONE APPARATUS														
65		救生衣(带灯) LIFE JACKET(WITH LIGHT)														
66		集合点 MUSTER STATION														
67		救生服 IMMERSION SUIT														
68		带自亮灯和烟雾信号的救生圈 LIFEBUOY WITH LIGHT AND SMOKE														
69		带自亮灯救生圈 LIFEBUOY WITH LIGHT														
70		带45m可浮索救生圈 LIFEBUOY WITH LINE 45m														
71		救生圈 LIFEBUOY														
72		火箭降落伞火焰信号 ROCKET PARACHUTE FLARES														
73		抛绳设备 LINE THROWING APPLIANCE														
74		气胀式救生筏 6人 INFLATABLE LIFERAFT 6P														
75		气胀式救生筏 15人 INFLATABLE LIFERAFT 15P														
76		全封闭玻璃钢救生艇 30人 TOTALLY ENCLOSED LIFE BOAT 30P														
77		救助艇 RESCUE BOAT														
78		登乘梯或认可的替代设备 EMBARKATION LADDER OR ALTERNATIVE APPROVED DEVICE	3					1		2						
79		吊筏架降落救生筏 16人 DAVIT LAUNCHED LIFERAFT 16P	2							2						
80		担架 STRETCHER	1									1				
81	其它 OTHERS	航行记录仪黑匣子 PROTECTIVE CAPSULE FOR VDR														
82		紧急逃生呼吸装置 EMERGENCY ESCAPE BREATHING DEVICES	8+3	1	1	1	3		+1training +2spare						2	
83		消防贮存箱 FIRE LOCKER(Include Fireman's outfit)	2						2							
84		主脱险路线 PRIMARY ESCAPE ROUTE														
85		副脱险路线 SECONDARY ESCAPE ROUTE														
86		应急配电板 EMERGENCY SWITCHBOARD														
87		充放电板 CHARGE AND DISCHARGE SWITCHBOARD														
88		应急蓄电池组 EMERGENCY BATTERY														
89		应急电话站 EMERGENCY TELEPHONE STATION														
90		防火控制图 FIRE CONTROL PLAN	6						2	3					1	
91		应急发电机室 E.G.RM.	1							1						
92																
93																

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18万吨散货船
180,000 DWT BULK CARRIER

DETAIL DESIGN 详细设计

DS402-103-27003

文件号 FILE		版本 REV.	0
设绘 DESIGNED	董炳英	18/03-10	
校对 CHECKED	张亮	18/03-10	
审核 REVIEWED	赵东东	18/03-10	
标检 STANDARDIZED	郑克勤	18/03-10	
审定 APPROVED	李智文	18/03-10	

FIRE CONTROL AND SAFETY PLAN
防火控制和安全图

BC1800-27

重量 WEIGHT | 比例 SCALE 1 : 250
共 1 页 TOTAL SHEETS | 第 1 页 SHEET

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