









PLAN HISTORY

DATE	REV.	PAGE	DESCRIPTION	DWN.	CHKD.	MGR.
2004.05.12			<ul style="list-style-type: none"> • ORIGINALLY PREPARED FOR S-1182/83/1203/04/1220/23/2022/23 ▪ SUBMITTED 13 OWNER FOR REFERENCE. 	S.C.LEE		
2004.07.12			<ul style="list-style-type: none"> * APPROVED BY BUYER WITHOUT COMMENT * ISSUED FOR WORKING 	S.C.LEE	W.C.JUNG	W.C.
2004.12.20			<ul style="list-style-type: none"> * FINALLY PREPARED AS FITTED DRAWING * FOR S-1203 	S.C.LEE	W.C.JUNG	W.C.

6 SHEETS WITH A COVER

	HULL NO.	S-1182/83/1203/04/1220/23/2022/23		CLASS	DNV
	TYPE	51,000 DWT CRUDE/PRODUCT OIL AND CHEMICAL TANKER			
MANAGER:  W.C. Jeong		TITLE			
CHECKED:  W.C. Jung		EQUIPMENT LIST <HULL-OUTFITTING DESIGN PART>			
DRAWN : S.C.LEE 이상철					
TEL. NO.	055) 548-1715				
DEP'T	HULL OUTFITTING DESIGN TEAM	SCALE	NONE	DATE	2005.05.12
				DWG. NO.	3F139003FB
				REV. NO.	

STX Shipbuilding Co., Ltd.

PART : HULL OUTFITTING DESIGN TEAM

stx		EQUIPMENT LIST(1/5)			HULL NO : S-1182/83/1203/04/ 1220/23/2022/23	
NO	EQUIPMENT NAME	Q'TY/ SHIP	CAPACITY & MODEL TYPE	MAKER NAME(SUPPLIER) ADDRESS/WEB SITE/E-MAIL	TEL. NO. FAX. NO.	
1	Anchor	2 Sets	- Type 6525kg Cast steel High Holding Power Stockless Type	Zhenjiang Anchor Chain Factory Wufengkou, Zhenjiang, Jiangsu, China http://anchorchain-china.com zhengm-t@public.zj.is.cn	Tel) +86 511 451 0574 Fax) +86 551 451 0041	
2	Anchor chain	1 Set	-Φ73mm x 632 5m (Port 302 5m, Stbd 330 0m)			
3	Deck machinery	1 Lot	- Windlass Combined with mooring winch No. of set Two(2) sets/Ship ▪ Type RMM350/CU73K3 (1c/1+2m/d+1w/e) ▪ Rated capacity 25 3 tonnes x 9m/min at cable lifter 16 tonnes x 15m/min at 1st layer on mooring drum Brake holding load for mooring winch 53 6 tonnes - Mooring winch ▪ No. of set four(4) sets ▪ Type RMM350 (2m/d+1w/e) ▪ Rated capacity 16 tonnes x 15m/min at 1st layer on mooring drum Brake holding load for mooring winch 53 6 tonnes - Drum type & storage capacity ▪ Split type, 200m dia 60mm Supertlex(Polypropylene/Polyester) rope ▪ Four(4) sets : hydraulic remote control for winches rotation and speed control at both ship sides	Oriental Precision & Engineering 1614-1(77B-1L), Songjung-dong Gangseo-Ku, Busan, Korea www.opco.co.kr jypark@opco.co.kr	Tel) +82 51 202 0101 Fax) +82 51 831 3308	



EQUIPMENT LIST(2/5)

HULL NO :
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1220/23/2022/23

NO	EQUIPMENT NAME	Q'TY/SHIP	CAPACITY & MODEL TYPE	MAKER NAME(SUPPLIER) ADDRESS/WEB_SITE/E-MAIL	TEL. NO. FAX. NO.
4	Accommodation ladder	2 Sets	- Length/width : 13.780 m x 600 mm - Type : Air motor driven and vertical self stowing - Material : Aluminium alloy	Jung-A Marine Equipment MFG. Co. 1469-5 Songjeong-Dong, Gangseo-Ku Busan, Korea. www.jung-a.co.kr iaacc@korea.com	Tel) +82 51 831 4147 Fax) +82 51 831 4908
5	Wharf ladder	1 Set	- Length/width : 12.135 m x 600 mm - Type : Solid girder (one piece) - Material : Aluminium alloy		
6	F.O hose handling davit	2 Sets	- Type : Fixed Jib Type With Manual Slewing - Capacity : S.W.L 0.9 ton x 3.3 m - Hoisting speed : 10 m/min		
7	Injured person handling davit	1 Set	- Type : Fixed Boom Radial Slewing Type - Capacity : S.W.L 0.2 ton - Hoisting speed : 20 m/min at 3rd layer - Lifting height : 25 m		
8	Life/rescue boat davit & winch	2 Set	- Boat capacity : 28 persons - Davit type : Hinged gravity, HGD-057-24 - Winch type : BWE-08-180(Port), BWE-08-030(Stb'd)	Oriental Precision & Engineering 1614-1(77B-1L), Songjung-dong, Gangseo-Ku, Busan, Korea www.opco.co.kr	Tel) +82 51 202 0101 Fax) +82 51 831 3308





EQUIPMENT LIST(3/5)

HULL NO :
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1220/23/2022/23

NO	EQUIPMENT NAME	Q'TY/SHIP	CAPACITY & MODEL TYPE	MAKER NAME(SUPPLIER) ADDRESS/WEB SITE/E-MAIL	TEL. NO. FAX. NO.
	Ventilation fan	5 Sets	- Type : Elec. Motor driven axial flow fan * Paint/Lamp store exhaust fan (Model : ADW-350/190) * Bosun Store exhaust fan (Model : ADW-500/280) * Steering gear room supply fan (Model : ADW-500/330) * Tank cleaning heater room exhaust fan (Model : MXAQ-500/315) * Deck store exhaust fan (Model : MXAQ-500/315)	HI-PRES KOREA CO.,LTD 1432-11 Daman-Ri, Chillye-Myun. Kimhae, Kyungnam, Korea www.hipres.co.kr hipres@hipres.co.kr	Tel) +82 55 340 5000 Fax) +82 55 346 3503
	Embarkation & pilot rope ladder	5 Sets	- Embarkation ladder "A" type : 20.20 m x 2 sets - Embarkation ladder "B" type : 17.00 m x 1 set - Pilot rope ladder : 16.40 m x 2 sets	Hyunchang Industry 575 Nopo-Dong, Gum Jung-Gu Busan, Korea ropeladder@hanmail.net	Tel) +82 51 508 4879 Fax) +82 51 582 0343
11	Loose fire fighting equipment	1 Lot	- Fire man's outfitting - Portable Fire Extinguisher - Sea Water Fire Fighting Appliance	NK Co., Ltd. 497, Shinpyung-Dong, Saha-Ku, Busan, Korea www.nkcf.com sbjang@nkcf.com	Tel) +82 51 204 2211 Fax) +82 51 204 2215
12	Personal protective equipment	1 Lot	- Safety equipment to enters gas-filled compartment and perform work - Protective equipment for loading/unloading operation - Neil-robertson type stretcher - First-aid equipments	Jin-Asis Corporation 889-3. Daedae-Ri, Ungchon-Myun, Ulzoo-Kun, Ulsan, Korea http://iinasia.koreasme.com iinasia@nownuri.net	Tel) +82 52 221 9871 Fax) +82 52 221 9873

PART : HULL OUTFITTING DESIGN TEAM

		EQUIPMENT LIST(4/5)			HULL NO : S-1182/83/1203/04/ 1220/23/2022/23
NO	EQUIPMENT NAME	Q'TY/ SHIP	CAPACITY & MODEL TYPE	MAKER NAME(SUPPLIER) ADDRESS/WEB SITE/E-MAIL	TEL. NO. FAX. NO.
13	Life saving equipment	1 Lot	<ul style="list-style-type: none"> - Life jacket with box - Life buoy - Line throwing appliance - Rocket parachute flare - Emergency escape breathing device - Immersion suit 	Korea Safety Service Co.,Ltd. 187-1, Dongsam-3Dong, Youngdo-Ku, Busan, Korea http://www.koscokorea.com/ kosco@koscokorea.com	Tel) +82 51 405 0888 Fax) +82 51 405 3388
14	Life raft	5 Sets	<ul style="list-style-type: none"> - Type : Inflatable throw overboard type for 6P - 1 set Inflatable throw overboard type for 15P - 4 sets - Capacity : 4 sets of 15 persons *1 set of 6 persons 	DSB DEUTSCHE SCHLAUCHBOOTFABRIK GMBH&CO.KG D-37632 ESCHERSHAUSEN/GERMANY	TEL) +05534-3010 FAX) +05534-301200
15	Life boat / combined rescue boat	2 Sets	<ul style="list-style-type: none"> - Capacity : 28 persons - Type : Totally enclosed fire protected lifeboat - Material : Fiberglass reinforced plastic(F.R.P . Orange color) - Speed : Not less than 6 knots in still water at full loaded and equipped condition - Port : Life & rescue boat combined - Stb'd : Lifeboat 	Wuxi Hai Hong Boat Making Co., Ltd. Rm 702 A, Fortress Tower 250 Kina's Road, Hongkong www.marland.com.hk lifeboat@marland.com.hk	Tel) +49 4406 942 0 Fax) +49 4406 942 100

		EQUIPMENT LIST(5/5)			HULL NO : S-1182/83/1203/04/ 1220/23/2022/23
NO	EQUIPMENT NAME	Q'TY/ SHIP	CAPACITY & MODEL TYPE	MAKER NAME(SUPPLIER) ADDRESS/WEB SITE/E-MAIL	TEL. NO. FAX. NO.
17	Emergency towing system	2 Set	- Model : KETSP-40A & KETA-45F * Aft part : KETSP-40A, 2000 kN * Fwd part : KETA-45F, 2000 kN	Tanktech Co.,Ltd. 368-3 Yangdong-Ri, Juchon-Myun, Kimhae, Kyungnam. Korea www.tanktech.co.kr tanktech@tanktech.co.kr	Tel) +82 55 337 9999 Fax) +82 55 337 9996
18	Cargo hose handling crane	1 Set	- Type : Electro-hydraulic cylinder luffing, single jib type - Operation : One motion each - Capacity : S.W.L 15 ton x 25 m - Hoisting speed : Abt. 10m/min. at rated load (by 2layer) - Control : Each one(1) motion by control lever on the crane operating platform without cabin	DONG NAM ENTERPRISE CO.,LTD 1172-4 Naeon-Ri, chuch'on-Myun, Kimhae, Kyungnam, Korea www.dongnam-crane.co.kr dongnam@dongnam-crane.co.kr	Tel) +82 55 337 0194 Fax) +82 55 337 0198
19	Provision crane	1 Set	- Type : Electric motor driven, single jib type. - Operation : One motion each - Capacity : 3 ton S.W.L at max. outreach 10m(port) - Hoisting speed : S.W.L load 10M/MIN at 2nd layer - Control : Portable remote push switch box, one by one motion		