



FINAL
ST.MARIEN
IMO NUMBER

9313474

(55) SHEETS WITH A COVER

	HULL NO.	S-2022/2023/1220/1203/1204/1223			
	TYPE	51,000 DWT CRUDE/PRODUCT OIL AND CHEMICAL TANKER			
MANAGER: <u>Sun So</u>	TITLE ELECTRIC PARTICULAR E1				
CHECKED: <u>76</u>					
DRAWN : 노완수 (W.S.ROH)					
TEL. NO. 055)548- 1762					
DEP'T	ELECTRIC DESIGN TEAM	SCALE	DATE 2006.01.05	DWG. NO. 2E060002EB	REV. NO. 0
STX Shipbuilding Co., Ltd.					

PLAN HISTORY						PAGE 1/24
DATE	REV.	PAGE	DESCRIPTION	DWN.	CHKD.	MGR.
2005.10.07			DRAWN BY ELECTRIC BASIC DESIGN PART			
STX Shipbuilding Co., Ltd.						

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	2) EM CY TRANSFORMER	5	KOC ELEC.	
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S-1182/83/1203/0

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		DWG NO.	2E060002EB
NO.	DESCRIPTION	TEL	FAX
1	HYUNDAI HEAVY INDUSTRIES CO., LTD. 1 CHEONHA-DONG, DONG GU, ULSAN, KOREA	+82 52-230-8345	+82 52-230-8300
2	KOC ELECTRIC CO., LTD #1495-4, SONGJUNG DONG GANGSEO GU, BUSAN, KOREA	+82 51-832-0550	+82 51-832-0660
3	STX ENGINE CO., LTD 80 SEONGSAN-DONG, CHANGWON GYEONGSANGNAM-DO KOREA	+82 55-280-0265	+82 55-280-0250
4	DAE YANG ELECTRIC CO., LTD 503, SHINPYONG-DONG, SAHA-GU, BUSAN, KOREA	+82 51-200-5315	+82 51-200-5310
5	YOKOGAWA DENSHIKIKI CO., LTD 2-9-32 NAKACHO, MUSASHINO-SHI TOKYO 180-8750, JAPAN	+81 422-52-6482	+82 422-52-9190
6	FURUNO ELECTRIC CO., LTD 9-52 ASHIHARA-CHO, NISHINOMIYA-CITY, 662-8850 JAPAN	+81 0798-65-2111	+82 0798-65-4200
7	IBUKI KOGYO 7-28 TAKADONO 1-CHOME, ASAHI-KU OSAKA 535-0031 JAPAN	+81 06-6922-5115	+81 06-6924-3567
8	CHK 1629-14 SONGJUNG-DONG, KANGSEO-GU, BUSAN, KOREA	+82 51-831-9500	+82 51-831-3033
9	CONSILIUM MARINE AB SALSMASTAREGATAN 21, 402 76 GOTEBOG SWEDEN	+46 31-710-7700	+46 31-710-7800
10	MARINE RADIO CO., LTD 141-37, 3KA, NAM HANG-DONG, YOUNGDO-GU, BUSAN, KOREA	+82 51-414-7891	+82 55-280-0250
11	LYNGSO MARINE 80, SEONGSAN-DONG, CHANGWON KYUNGSANGNAM-DO, KOREA	+82 55-280-0265	+82 51-704-9276
12	DESCO 188-38, DONGSAM-DONG, YOUNGDO-GU BUSAN, KOREA	+82 51-405-6900	+82 51-405-6903
13	SARACOM 141-37 3KA NAMHANG-DONG YOUNGDO-GU BUSAN, KOREA	+82 51-600-9000	+82 51-600-9090
14	KCC 655-9 MORA-DONG SASANG-GU PUSAN KOREA	+82 51-301-2111	+47 51-301-2112
15			
16			
17			
18			

PART : ELECTRIC

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NO	EQUIPMENT NAME	BRIEF SPECIFICATION	Q TY	MODEL / TYPE	SUPPLIER (MANUFACTURE)	MANUFACTURE FAX / TEL. NO.
1	AC GENERATOR	ENCLOSED VENTILATED DRIIPROOF MACHINE BRUSHLESS A.C GENERATOR	3	HFC6 508-84K-03	HYUNDAI	KOREA TEL) +82 52-230-6623 FAX) +82 52-230-6995
2	TRANSFORMER	DRIP-PROOF DRY TYPE AIR COOLED SELF VENTILATED	1 LOT		KOC ELEC.	KOREA TEL) +82 51-832-0550 FAX) +82 51-832-0660
	1) MAIN TRANSFORMER		2	TP0-3120T		
	2) EM'CY TRANSFORMER		2	TP0-345N		
	3) 110V AC TRANSFORMER		1	TP0-205N		
3	MAIN SWITCHBOARD	DEAD PRONT SELF SUPPORTING	1 LOT		DAEYANG ELEC.	KOREA TEL) +82 51-200-9521 FAX) +82 51-200-9506
	1) NO.1,2,3 DIESEL GENERATOR PANEL		3			
	2) NO.1 AC 440V FEEDER PANEL		1			
	3) NO.2 AC 440V FEEDER PANEL		1			
	4) AC 220V FEEDER PANEL		1			

PART : ELECTRIC

NO	EQUIPMENT NAME	BRIEF SPECIFICATION	Q'TY	MODEL / TYPE	SUPPLIER (MANUFACTURE)	MANUFACTURE FAX/TEL. NO.
	5) SYNCHRONIZING PANEL		1			
	6) BUS-TIE PANEL		1		DAEYANG ELEC.	KOREA TEL) +82 51-200-9521 FAX) +82 51-200-9506
	7) NO.1 GROUP STARTER PANEL		1			
	8) NO.2 GROUP STARTER PANEL		1			
4	EM'CY SWITCHBOARD	DRIP PROOF DEAD PRONT SELF SUPPORTING	1 LOT		DAEYANG ELEC.	DITTO
	1) EM'CY GENERATOR PANEL		1			
	2) EM'CY AC 440V FEEDER PANEL		1			
	3) EM'CY AC 220V FEEDER PANEL		1			
	4) EM'CY GROUP STARTER PANEL		1			
	5) SHORE CONN. BOX		1			

PART : ELECTRIC

NO	EQUIPMENT NAME	BRIEF SPECIFICATION	Q'TY	MODEL/TYPE	SUPPLIER (MANUFACTURE)	MANUFACTURE FAX/TEL NO.
5	BATTERY CHARGER & DISCHARGER BOARD	DRIP PROOF DEAD FRONT SELF SUPPORTING	1 LOT		DAEYANG ELEC.	KOREA TEL) +82 51-200-9521 FAX) +82 51-200-9506
6	BRIDGE CONTROL CONSOLE	DRIP PROOF SELF STANDING, DESK TYPE	1 LOT		DAEYANG ELEC.	DITTO
7	LIGHTING DISTRIBUTION PANEL	DRIP PROOF WALL MOUNTING	1LOT		DAEYANG ELEC.	DITTO
	1) LD-2 PANEL		1			
	2) LD-3 PANEL		1			
	3) LD-4 PANEL		1			
	4) LD-5 PANEL		1			
	5) LD-6 PANEL		1			
	6) ELD-1 PANEL		1			
	7) ELD-2 PANEL		1			

PART : ELECTRIC

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NO	EQUIPMENT NAME	BRIEF SPECIFICATION	Q'TY	MODEL/TYPE	SUPPLIER (MANUFACTURE)	MANUFACTURE FAX/TEL. NO...
8	POWER DISTRIBUTION PANEL	DRIP PROOF WALL MOUNTING	1 LOT		DAEYANG ELEC.	KOREA TEL) +82 51-200-9521 FAX) +82 51-200-9506
	1) PD-1 PANEL		1			
	2) PD-2 PANEL		1			
	3) PD-3 PANEL		1			
	4) PD-4 PANEL		1			
	5) PD-5 PANEL		1			
	6) PD-6 PANEL		1			
	7) PD-7 PANEL		1			
	8) PD-8 PANEL		1			
	9) AC 110V PD PANEL		1			
9	ENGINE CONTROL CONSOLE	DRIP PROOF SELF STANDING DESK TYPE	1 LOT		DAEYANG ELEC.	DITTO

PART : ELECTRIC

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NO	EQUIPMENT NAME	BRIEF SPECIFICATION	Q'TY	MODEL/TYPE	SUPPLIER (MANUFACTURE)	MANUFACTURE FAX/TEL. NO.
10	STARTER & LOCAL GROUP STARTER	DRIP PROOF WALL MOUNTING	1 LOT		DAEYANG ELEC.	KOREA TEL) +82 51-200-9521 FAX) +82 51-200-9506
	1) LGSP-1 PANEL		1			
	2) LGSP-2 PANEL		1			
	3) LGSP-3 PANEL		1			
	4) LGSP-4 PANEL		1			
	5) LGSP-5 PANEL		1			
	6) LGSP-6 PANEL		1			
	7) LGSP-7 PANEL		1			
	8) LGSP-8 PANEL		1			
	9) LGSP-9 PANEL		1			
	10)EM'CY FIRE PUMP STARTER		1			
	11)EM'CY AIR COMP. STARTER		1			

PART : ELECTRIC

NO	EQUIPMENT NAME	BRIEF SPECIFICATION	Q'TY	MODEL/TYPE	SUPPLIER (MANUFACTURE)	MANUFACTURE FAX/TEL. NO.
11	NAVIGATION EQUIP'T 1) AUTO PILOT & GYRO COMPASS	STEERING STAND MASTER COMPASS BEARING REPEATER BULKHEAD BEARING REPEATER COURSE PRINTER RATE OF TURN INDICATOR	1 LOT 1 3 1 1 1	PT500A-J-N2 CMZ-700S MKR-050 MKR-050 KR100A MKR302	YOKOGAWA	JAPAN TEL) +81 422-52-6482 FAX) +82 422-52-9190
	2) MAGNETIC COMPASS		1 LOT	NAVIPOL (TM-40)	SARACOM	KOREA TEL) +82 51-600-9000 FAX) +82 51-600-9090
	3) RUDDER ANGLE INDICATOR	TRANSMITTER INDICATOR(3-FACE TYPE) INDICATOR(FLUSH TYPE-ECC) INDICATOR(BULKHEAD S/G RM) INDICATOR(BRIDGE WING G.B & W/H G.B)	1 LOT 1 1 1 1	DIC-RT-453 DIC-3C-300R DIC-FE-130R DIC-SE-150R DIC-FL-130R	DAE YANG INST.	KOREA TEL) +82 51-200-5315 FAX) +82 51-200-5310
	4) WIND INDICATING	TRANSMITTER SPEED & DIR. INDICATOR TRANSFORMER	1 LOT 1 1 1	DIC-AT-3N DIC-AI-192A EWS50-24	DAE YANG INST.	DITTO

PART : ELECTRIC

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NO	EQUIPMENT NAME	BRIEF SPECIFICATION	Q'TY	MODEL /TYPE	SUPPLIER (MANUFACTURE)	MANUFACTURE FAX/TEL. NO.
5)	S-BAND RADAR	SCANNER UNIT POWER SUPPLY UNIT DISPLAY UNIT	1 LOT 1 1 1	FAR-2837S SN-36AF-RSB-098 PSU-007 MU-231CR	FURUNO	JAPAN TEL) +81 0798-65-2111 FAX) +82 0798-65-4200
6)	X-BAND RADAR	SCANNER UNIT DISPLAY UNIT NETWORK HUB	1 LOT 1 1 1	FAR-2827 XN24AF-RSB-096 MU-231CR HUB-100	FURUNO	DITTO
7)	WEATHER FAX RECEIVER	MAIN UNIT WHIP ANTENNA PREAMP UNIT	1 LOT 1 1 1	FAX-210 FAX-210 04S4176-1 FAX-5	FURUNO	DITTO
8)	DOPPLER SPEED LOG	MAIN DISPLAY DIGITAL IND. MULTI DISTRIBUTOR TRANSCIEIVER DIGITAL IND. TRANSDUCER TRANSDUCER SEA CHEST	1 LOT 1 1 1 1 1 1	DS-80 DS-800 DS-801 MD-550 DS-810 DS-830 DS-820 DS-786	FURUNO	DITTO

PART : ELECTRIC

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NO	EQUIPMENT NAME	BRIEF SPECIFICATION	Q'TY	MODEL/TYPE	SUPPLIER (MANUFACTURE)	MANUFACTURE FAX/TEL. NO.
9)	ECHO SOUNDER	DISPLAY UNIT DIST. BOX TRANSDUCER TANK MATCHING BOX PRINTER	1LOT 1 1 1 1 1	FE-700 FE-701 FE-702 TTF-2000 MB-504 PP-505	FURUNO	JAPAN TEL) +81 0798-65-2111 FAX) +82 0798-65-4200
10)	MF/HF RADIO EQUIP. A)GMDSS CONSOLE	SSB TRANSCEIVER SSB CONTROLLER PRINTER FOR NBOP DSC/WATCH RECEIVER DISTRIBUTOR ANTENNA COUPLER BATTER CHARGER AC//DC POWER SUPPLY AC//DC POWER SUPPLY	1LOT 1 1 1 1 1 1 2 1	FS-5000T FS-5000C PP-510 DSC-60 05P0606 AT-5000-HS BC-6158SS PR-300 PR-850AR	FURUNO	DITTO
11)	NAVTEX RECEIVER	NAVTEX RECEIVER WHIP ANTENNA PRE AMP UNIT RECTIFIER	1 LOT 1 1 1 1	NX-700 04S4176 NX-5 DR-62X	FURUNO	DITTO

PART : ELECTRIC

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NO	EQUIPMENT NAME	BRIEF SPECIFICATION	Q'TY	MODEL/TYPE	SUPPLIER (MANUFACTURE)	MANUFACTURE FAX/TEL. NO.
12)	INMARSAT-F	ANTENNA UNIT COMM. UNIT HANDSET FACSIMILE DISTRESS ALERT UNIT TELEPHONE SET INCOMING INDICATOR	1 LOT 1 1 1 1 3 2	FELCOM-70 SF-170 SF-270 SF-870 FAX-8070P SF-370 FC755D1 KK-893-3977	FURUNO	JAPAN TEL) +81 0798-65-2111 FAX) +82 0798-65-4200
13)	INMARSAT-C	ANTENNA UNIT COMM. UNIT TERMINAL UNIT PRINTER DISTRESS ALARM UNIT DISTRESS RECEIVING UNIT SHIP SECURITY ALERT BUTTON	1 LOT 1 1 1 1 1 1 2	FELCOM-15 IC-112 IC-212 IB-581 PP-510 IC-302 IC-303 IC-307	FURUNO	DITTO
14)	DGPS NAVIGATOR	ANTENNA UNIT DISPLAY UNIT MULT-DIST. RECTIFIER INTERFACE UNIT	1 LOT 2 2 2 2 1	GP-90 GPA-019S GRP-020 MD-550 PR-62 IF-2500	FURUNO	DITTO
15)	VHF RADIO TELEPHONE	VHF/DSC UNIT WHIP ANTENNA	1 LOT 3 5	FM-8500 FAB-151D	FURUNO	DITTO

PART : ELECTRIC

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NO	EQUIPMENT NAME	BRIEF SPECIFICATION	Q'TY	MODEL /TYPE	SUPPLIER (MANUFACTURE)	MANUFACTURE FAX/TEL. NO.
16) MISCELLANEOUS EQUIPMENT		EPIRB	1 LOT 1	TRON 40S	FURUNO	JAPAN
		RADAR TRANSPONDER	2	TRON SART		TEL) +81 0798-65-2111
		VHF FM TRANSCEIVER	3	TRON TR20		FAX) +82 0798-65-4200
		UHF FM TRANSCEIVER	3	HX-400U		
17) SHIP'S WHISTLE SYSTEM		AIR WHISTLE	1 LOT 1	A150ESSH	IBUKI	JAPAN
		ELEC. WHISTLE	1	MH550H		TEL) +81 06-6922-5115
		HORN UNIT	1			FAX) +81
		RELAY BOX	1			06-6924-3567
		PUSH BUTTON S/W	3			
18) PUBLIC ADDRESS SYSTEM		MAIN UNIT	1 LOT 1	MPA-7400EBCD	MRC	KOREA
		REMOTE CONTROLLER	1	MPG-7051A		TEL) +82 51-414-7891 FAX) +82 51-413-2604
19) COMMUNAL AERIAL SYSTEM		MAIN AMPLIFIER	1 LOT 1	CAC-953	MRC	
		LINE AMPLIFIER	1	UP-40A		
		OMNI ANTENNA	1	AT-807		
		WHIP ANTENNA	1	AW-624A		

PART : ELECTRIC

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NO	EQUIPMENT NAME	BRIEF SPECIFICATION	Q'TY	MODEL/TYPE	SUPPLIER (MANUFACTURE)	MANUFACTURE FAX/TEL. NO.
20)	AUTO EXCHANGE TELEPHONE	EXCHANGE UNIT	1 LOT 1	IDCS 500	MRC	DITTO
21)	COMMON BATTERY TELEPHONE		1 LOT	LC-600	MRC	DITTO
22)	CLOCK SYSTEM	MASTER CLOCK	1 LOT	MCS-970A	MRC	DITTO
23)	LOCKED IN ALARM SYSTEM		1 LOT		CHANG HYUB	KOREA TEL) +82 51-264-3600 FAX) +82 51-263-6318
24)	HOSPITAL CALL SYSTEM		1 LOT		CHANG HYUB	
25)	VDR	MAIN CABINET FINAL RECORDING UNIT MIC REMOTE ALARM PANEL	1 1 6 1	MER	KCC	KOREA TEL) +82 51-301-2111 FAX) +82 51-301-2112
27)	AIS	COMBINED ANTENNA AIS CONTROLLER JUNCTION BOX AC/DC CONVERTER DISTRIBUTOR	1 1 1 1 1	GVA-100 FA-100 CB-100 PR-240 DB-1	FURUNO	JAPAN TEL) +81 0798-65-2111 FAX) +82 0798-65-4200

PART : ELECTRIC


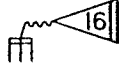

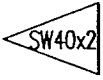
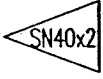

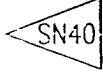

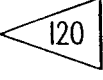
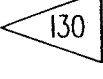
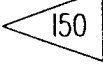

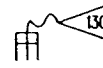


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NO	EQUIPMENT NAME	BRIEF SPECIFICATION	Q'TY	MODEL/TYPE	SUPPLIER (MANUFACTURE)	MANUFACTURE FAX/TEL. NO.
12	FIRE DETECTION SYSTEM	MAIN UNIT DETECTOR MODULE TIMER INPUT MODULE SHORT CIRCUIT ISOLATOR OPTIONAL SMOKE DETECTOR HEATER DETECTOR HEATER DETECTOR FLAME DETECTOR MANUAL CALL POINT MANUAL CALL POINT MAGNETIC DOOR HOLDER TIMER	1 LOT 1 1 1 1 57 2 2 3 11 15 4 1	T2000 DIM810 CIM800 8011B 811PH 881H H902 811F-M CP820M CP830M GPT-AG TM520	DESCO (THORN)	KOREA TEL) +82 51-405-6900 FAX) +82 51-405-6903
13	SIGNAL LIGHT COLUMN	RELAY BOARD SIGNAL LIGHT COLUMN SIGNAL LIGHT COLUMN (FOR E.C.R) ELECTRIC SIREN	1 12 1 1	- - - 	DESCO	KOREA TEL) +82 51-405-6900 FAX) +82 51-405-6903
14	ELECTRIC SENSOR	LEVEL SWITCH(SIDE MOUNTING) LEVEL SWITCH(TOP MOUNTING) LEVEL SWITCH(TOP MOUNTING) LEVEL SWITCH(TOP MOUNTING) LEVEL SWITCH(WALL MOUNTING) PRESSURE SWITCH PRESSURE TRANSMITTER DIFF. PRESS. SWITCH TEMPERATURE TRANSMITTER TEMPERATURE TRANSMITTER TEMP. SENSOR WITH J/B TEMP. TRANSMITTER	1 LOT 16 1 12 1 2 11 2 1 7 2 3 3	PM-12H-2T PM-12V-2T PM-90AT-1C PM-90AT-2C PR-30S-1 900 8202 920 MBT-5252 MBT-5116 MBT-5253 MBT-5410	PAN-ASIA	KOREA TEL) +82 51-831-1010 FAX) +82 51-831-1399

PART : ELECTRIC


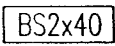
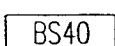




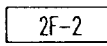
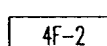
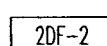
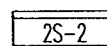
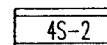
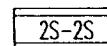
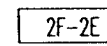
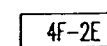
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15	TANK LEVEL GAUGING SYSTEM	LEVEL TRANSMITTER(TOP MOUNT) LEVEL TRANSMITTER(SIDE MOUNT) ELECTRIC INDICATOR	2 9 2	MAS2600 MAS2600 PA1-101A	PAN-ASIA	KOREA TEL) +82 51-831-1010 FAX) +82 51-831-1399
16	ALARM MONITORING SYSTEM	MAIN COMPUTER UNIT MONITOR DISTRIBUTED PROCESSING UNIT PRINTER WATCH CALLING PANEL	1 LOT 2 2 2 2 9	TFT DISPLAY 17" OKI/MICROLINE 280	STX ENGINE (LYNGSO MARINE)	KOREA TEL) +82 55-280-0265 FAX) +82 55-280-0250
17	BRIDGE MANEUVERING SYSTEM	BRIDGE CONTROL PANEL ORDER PRINTER RPM INSTRUMENT PCS CABINET ECR CONTROL PANEL ECR INDICATING PANEL EM'CY EL.BOX	1 1 6 1 1 1 1	DMS 2100i / DPS 2100	STX ENGINE (LYNGSO MARINE)	KOREA TEL) +82 55-280-0265 FAX) +82 55-280-0250
18	LIGHTING EQUIPMENT	REFER TO ATTACHED SHEETS (18/24 - 24/24)	1 LOT		DAEYANG ELEC.	KOREA TEL) +82 51-200-5283 FAX) +82 51-204-1991

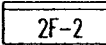
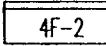
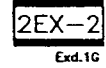
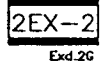
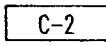
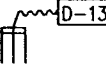
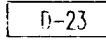
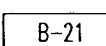
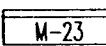





SHT. NO.	MODEL NAME	SYMBOL	DESCRIPTION	Q'TY	REMARKS
1	A2-DM6020H		MASTHEAD LIGHT DUAL 60Wx2, AC220V	2	W/3M CORD (TPNP-1.5)
2	A2-DT6020H		ST'BD SIDE LIGHT DUAL 60Wx2, AC220V	1	W/3M CORD (TPNP-1.5)
3	A2-DP6020H		PORT SIDE LIGHT DUAL 60Wx2, AC220V	1	W/3M CORD (TPNP-1.5)
4	A2-DS4020H		STERN LIGHT DUAL 40Wx2, AC220V	1	W/3M CORD (TPNP-1.5)
5	A2-DW4020H		ANCHOR LIGHT DUAL 40Wx2, AC220V	2	W/3M CORD (TPNP-1.5)
6	A2-DR6020H		N.U.C LIGHT DUAL 60Wx2, AC220V	5	W/1.5M CORD (TPNP-1.5)
7	IS40-20BNCW		SUEZ CANAL SIGNAL LIGHT 40W, AC220V		CLEAR
8	IS40-20BNCR		SUEZ CANAL SIGNAL LIGHT 40W, AC220V	5	RED
9	IS40-20BNCG		SUEZ CANAL SIGNAL LIGHT 40W, AC220V	2	GREEN
10	IS40-20BNCR		SUEZ CANAL STERN LIGHT 40W, AC220V	1	RED
11	IS40-20BNCB		PANAMA STEERING LIGHT 40W, AC220V	1	BLUE
12	MV-100W20H		MANOEUVRING LIGHT 100W, AC220V	1	W/1.5M CORD
13	DC-100R20AH		DANGEROUS CARGO LIGHT 100W, AC220V	1	W/1.5M CORD
14	PC3KI-20USCF		SUEZ CANAL SEARCH LIGHT W.T 3KW, AC220V	2	W/ 5M CORD & PLUG
15	PS1KI-20USCF		INCAN. SEARCH LIGHT W.T 1KWx1, AC220V		W/ 3M CORD
















SHT. NO.	MODEL NAME	SYMBOL	DESCRIPTION	Q'TY	REMARKS
16	IH60-20PN-N3PD		I.L. PORTABLE HAND LAMP W.T 60Wx1, AC220V	5	W/ 15M CORD W/PLUG(PG-N3PD)
17	IH60-20PN-W3BD		I.L. PORTABLE HAND LAMP W.T 60Wx1, AC220V	5	W/ 15M CORD W/PLUG(PG-W3BD)
18	DDS-84ABC		PORTABLE DAY SIGNAL LIGHT W.T 60Wx1, DC24V	1	W/ BATTERY & CHARGER W/ 5M CORD
19	PF42SI-20UWCW		FLOOD LIGHT. HPS. W.T 400Wx2, AC220V	4	WIDE BEAM W/ IGNITOR
20	PF42SI-20UWCN		FLOOD LIGHT. HPS. W.T 400Wx2, AC220V		NARROW BEAM W/ IGNITOR
21	PF40SI-20UWCW		FLOOD LIGHT. HPS. W.T 400W, AC220V	16	WIDE BEAM W/ IGNITOR
22	PF40SI-20UWCN		FLOOD LIGHT. HPS. W.T 400W, AC220V		NARROW BEAM W/ IGNITOR
23	PF30H-20UWCF		FLOOD LIGHT. HALOGEN. W.T 300Wx1, AC220V	2	
24	PF20I-20USCF		FLOOD LIGHT. INCAN. W.T 200Wx1, AC220V		
25	PF30I-20USCF		FLOOD LIGHT. INCAN. W.T 300Wx1, AC220V	4	
26	PF50I-20USCF		FLOOD LIGHT. INCAN. W.T 500Wx1, AC220V	2	
27	PB75I-24BSCF		LIFE BOAT EMBARKATION LIGHT W.T 75W, DC 24V	1	SEALED BEAM
28	PF30I-20USCP -W3BD		FLOOD LIGHT. INCAN. W.T PORTABLE TYPE 300W, AC220V		W/ PLUG & 30M CORD
29	HPS-1B-400-F1 -206-G		EX-PROOF H.P.SODIUM FLOOD LIGHT 400Wx1, AC220V		
30	IL-1B-200-H		EX-PROOF PORTABLE INCAN. FLOOD LIGHT 200Wx1, AC220V		W/ PLUG & 30M CORD
















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SHT. NO.	MODEL NAME	SYMBOL	DESCRIPTION	Q'TY	REMARK
31	HM-806(BK7035)		HALOGEN DIAGNOSIS LIGHT AC220V/12V, 75W		W/3M CORD & PLUG (PG-N3PD)
32	B42S-206SSC		BALLAST. FOR HPS. W.T 400Wx2, AC220V	12	
33	B40S-206SSC		BALLAST. FOR HPS. W.T 400W, AC220V		
34	IM24-20BSC		MORSE SIGNAL LIGHT 20Wx4, AC220V		
35	MK-FP		KEY FOR MORSE SIGNAL LIGHT AC250V, 6A	1	FLUSH TYPE
36	MK-SPCN		KEY FOR MORSE SIGNAL LIGHT PORT SIDE AC250V, 6A	1	
37	MK-STCN		KEY FOR MORSE SIGNAL LIGHT ST'BD SIDE AC250V, 6A	1	
38	FL220NF-0206GIS		F.L CEILING FLUSH N.W.T 20Wx2, AC220V	60	
39	FL240NF-0206GIS		F.L CEILING FLUSH N.W.T 40Wx2, AC220V	94	
40	FL220NF-0206GISD		F.L CEILING FLUSH N.W.T DAMPA 20Wx2, AC220V		
41	FL220WS-0206GISWNM		F.L CEILING SURFACE W.T 20Wx2, AC220V	46	
42	FL240WS-0206GISWNM		F.L CEILING SURFACE W.T 40Wx2, AC220V	133	
43	FL220WS-0206GIUWNM2		F.L CEILING SURFACE W.T 20Wx2, AC220V	52	
44	FL220NF-1206GIS		F.L CEILING FLUSH N.W.T 20Wx2, AC220V		W/DC 24V 10W
45	FL240NF-1206GIS		F.L CEILING FLUSH N.W.T 40Wx2, AC220V		W/DC 24V 10W

SERI. NO.	MODEL NAME	SYMBOL	DESCRIPTION	Q'TY	REMARK
46	FL220WF-0206GIS		F.L CEILING FLUSH W.T 20Wx2, AC220V	9	
47	FL240WF-0206GIS		F.L CEILING FLUSH W.T 40Wx2, AC220V	10	
48	FX-220dC206G1g		F.L CEILING SURFACE W.T, Exd. CYLINDER TYPE 20Wx2, AC220V	2	1 GLAND
49	FX-220dC206G2g		F.L CEILING SURFACE W.T, Exd. CYLINDER TYPE 20Wx2, AC220V	7	2 GLAND
50	FN120NS-0206GIS		F.L CORNER LIGHT N.W.T 20Wx1, AC220V	3	
51	FD118NS-S206RDPWG		F.L DESK LIGHT N.W.T, STAND TYPE. 18W, AC220V	15	W/1.5M CORD & PLUG
52	FD115NW-W206GJAN		F.L DESK LIGHT N.W.T, WALL TYPE. 15W, AC220V	15	
53	FB108NW-W206GJAN		F.L BED LIGHT N.W.T WALL TYPE. 8Wx1, AC220V	29	
54	FM115SR-T206GJAN		F.L MIRROR LIGHT W.T, WALL TYPE. 15Wx1, AC220V	7	W/RECEPTACLE
55	HANGING HOOK	—	HANGING HOOK FOR W.T FL. CEILING LIGHT	179	
56	IP60-20PSCS		I.L PENDANT LIGHT W.T SURFACE 60Wx1, AC220V	1	W/ SCREEN
57	IP60-20PSCG		I.L PENDANT LIGHT W.T SURFACE 60Wx1, AC220V	27	W/ GUARD
58	IK60-20PS		I.L BULKHEAD LIGHT W.T, 60Wx1, AC220V		W/ FLANGE
59	IB60-20PSCG		I.L BRACKET LIGHT W.T WALL 60Wx1, AC220V		W/ GUARD
60	IP00-20PSCS		I.L PENDANT LIGHT W.T SURFACE 100Wx1, AC220V	6	W/ SCREEN

SERI. NO.	MODEL NAME	SYMBOL	DESCRIPTION	Q'TY	REMARKS
61	EX-61120C1		EX-PROOF INCAN. CEILING LIGHT W.T, EXd IIB T5 60W, AC220V	5	1 GLAND
62	EX-61320C1		EX-PROOF INCAN. CEILING LIGHT W.T, Exd. IIC T5 100W, AC220V	2	1 GLAND
63	EX-61320C2		EX-PROOF INCAN. CEILING LIGHT W.T, Exd IIC T5. 100W, AC220V		2-GLAND
64	EX-61120C2		EX-PROOF INCAN. CEILING LIGHT W.T, EXd IIB T5 60W, AC220V		6
65	ID60-20UWC		I.L DOME LIGHT W.T 60W, AC220V	7	
66	ID60-20W		I.L DOWN LIGHT N.W.T, 60Wx1, AC220V		
67	IR20-24W1		I.L EM'CY ROUND LIGHT N.W.T FLUSH 20Wx1, DC 24V	4	
68	IC60-20IS-N3PD		I.L CHART TABLE LIGHT N.W.T STAND TYPE. 60Wx1, AC220V	2	W/DIMMER SW. W/PLUG & 2M CORD
69	S-1014PT		RECEPTACLE. SINGLE N.W.T FLUSH. (AC250V, 16A)	15	
70	1090 UPTIF		RECEPTACLE. DOUBLE W.T FLUSH. (AC250V, 16A)		
71	RT-FQ2DF		RECEPTACLE. DOUBLE N.W.T FLUSH. (AC250V, 16A)	26	
72	RS 1090PT		RECEPTACLE. DOUBLE N.W.T SURFACE. (AC250V, 16A)		
73	1054 IFPT		RECEPTACLE. SINGLE W.T FLUSH. (AC250V, 16A)	13	
74	1054UPT		RECEPTACLE. SINGLE W.T SURFACE. (AC250V, 16A)	6	
75	RT-3BNES		RECEPTACLE, SINGLE W.T SURFACE. (AC250V, 16A)	40	W/SWITCH

SHT. NO.	MODEL NAME	SYMBOL	DESCRIPTION	Q'TY	REMARK
76	CR-14432B		RECEPTACLE. SINGLE W.T SURFACE AC440V, 32A		W/SWITCH
77	CP-4432B		PLUG (3P+1E) W.T AC440V, 32A		
78	RT-4BSCD		RECEPTACLE FOR DAY SIGNAL LIGHT W.T SURFACE	2	
79	RT-FQ1S		RECEPTACLE FOR DAY SIGNAL LIGHT N.W.T FLUSH	1	
80	EXRP-2530		RECEPTACLE FOR 3KW SEARCH LIGHT (AC250V, 30A)	1	W/SWITCH
81	SI-SQ11D		SWITCH, 1-WAY, 2-POLE N.W.T SURFACE. (AC250V, 16A)		
82	SI-FQ11D		SWITCH, 1-WAY, 2-POLE N.W.T FLUSH. (AC250V, 16A)		
83	SI-FQ21D		SWITCH, 1-WAY, 2-POLE N.W.T FLUSH.(AC250V, 16A) DOUBLE TYPE.	3	
84	SI-FQ23D		SWITCH, 2-WAY, 2-POLE N.W.T FLUSH.(AC250V, 16A) DOUBLE TYPE.	19	
85	SI-SQ13D		SWITCH, 2-WAY, 2-POLE N.W.T SURFACE. (AC250V, 16A)		
86	SI-FQ13D		SWITCH, 2-WAY, 2-POLE N.W.T FLUSH. (AC250V, 16A)		
87	S-16/2VI		SWITCH, 1-WAY, 2-POLE W.T FLUSH. (AC250V, 16A)	1	
88	S-16/6-2VI		SWITCH, 2-WAY, 2-POLE W.T FLUSH. (AC250V, 16A)	6	
89	SR-1BNE		SWITCH, 1-WAY, 2-POLE W.T SURFACE. (AC250V, 16A)	33	
90	SR-3BNE		SWITCH, 2-WAY, 2-POLE W.T SURFACE. (AC250V, 16A)	11	

SERI. NO.	MODEL NAME	SYMBOL	DESCRIPTION	Q'TY	REMARKS
91	SR-1BNCL		SWITCH, 1-WAY, 2-POLE W.T SURFACE. (AC250V, 15A)	3	W/PILOT LAMP
92	SR-1PSCE		SWITCH, 1-WAY, 2-POLE W.T SURFACE (AC250V, 6A)	8	W/KEY
93	S-16/6-2VP		SWITCH, 2-WAY, 2-POLE W.T SURFACE. (AC250V, 16A)		
94	JBNF-Q4PN		JUNCTION BOX N.W.T FLUSH TYPE AC250V, 20A	2	
95	JBWS-R4BNJ		JUNCTION BOX W.T SURFACE TYPE AC250V, 20A		
96	KH-8010C		DOOR LIMIT SWITCH W.T AC250V, 5A	2	
97	PG-W3BD		PLUG (DIN TYPE) W.T AC250V, 16A	5	
98	PG-N3PD		PLUG (DIN TYPE) N.W.T AC250V, 16A	5	
99	SR-4BNE		4-WAY ROTARY SWITCH W.T AC250V, 16A		
100	-		"E" MARK FOR STICKER	500	
101	A2-SR6020H		N.U.C LIGHT SINGLE 60Wx1, AC220V	4	W/1.5M CORD (TPNP-1.5)
102	FM120SN-W206GIAN		FL. MIRROR LIGHT W.T WALL TYPE 20Wx1, AC220V	4	
103	RT-FQ1J		RECEPTACLE SINGLE N.W.T FLUSH AC250V 15A	4	
104	MV-40W20H-S		RESTRICTED MANEUVER LIGHT SINGLE 40W, AC220V	2	W/1.5M CORD (TPNP-1.5)