

DETAIL PACKING LIST

Package NO.: 4

ITEM NO	Technical Specification Name	DESCRIPTION OF EQUIPMENT	ISI Ident #	ISI DOOR Name	DOOR NUMBER	DRAWING NO.	NET WEIGHT KG	PACKAGE SIZE (mm)	GROSS WEIGHT (Kg)
								1800X1070X1450	1350
4-2	Doors	steel quick opening & closing Weathertight & gastight door 1570X700	19630521ISI	WED-029	02F-0 PORT CTR	262WHL003A-00-1570	200		
4-3	Doors	steel quick opening & closing Weathertight & gastight door 1570X700	196305220SI	WED-030	02F-0 STBD	262WHL003A-00-1570	300		
4-4	Doors	steel quick opening & closing Weathertight door(EMC) 1570X700	19630536ISI	WED-011	01D-A2 AFT	262WHL003B-00-(EMC)	240		
4-5	Doors	steel quick opening & closing Weathertight door(EMC) 1570X700	19630536ISI	WED-011	01D-A3 AFT	262WHL003B-00-(EMC)	240		

DETAIL PACKING LIST

Package NO.: 5

ITEM NO	Technical Specification Name	DESCRIPTION OF EQUIPMENT	ISI Ident #	ISI DOOR Name	DOOR NUMBER	DRAWING NO.	NET WEIGHT KG	PACKAGE SIZE (mm)	GR WE (t)
5-1	Doors	steel quick opening & closing Weathertight door(with window) 1570X700	19631855ISI	WED-042	01E-B PORT CTR	262WHL003B-00-W(EMC)	255	1800X1030X1400	14
5-3	Doors	steel quick opening & closing Weathertight door(EMC) 1570X700	19630523ISI	WED-027	01E-Y1 AFT	262WHL003B-00-(EMC)	240		
5-4	Doors	steel quick opening & closing Weathertight door(EMC) 1570X700	19630523ISI	WED-052	01E-Y4 AFT	262WHL003B-00-(EMC)	240		
5-5	Doors	steel quick opening & closing Weathertight door(EMC) 1570X700	19630514ISI	WED-034	01H-A2	262WHL003B-00-(EMC)	240		

DETAIL PACKING LIST

ITEM NO	Technical Specification Name	DESCRIPTION OF EQUIPMENT	ISI Ident #	ISI DOOR Name	DOOR NUMBER	DRAWING NO.	NET WEIGHT KG	PACKAGE SIZE (mm)	GR WE (I
10-1	Doors	steel quick opening & closing Weathertight door(with window) 1670X900	19631202ISI	WED-008	04D STBD	262WHL003B-00-F(EMC)	335	1820X1220X1500	18
10-2	Doors	steel quick opening & closing Weathertight door(with window) 1570X900	19631854ISI	WED-045	01G-Y PORT	262WHL003B-00-W(EMC)	300		
10-3	Doors	steel quick opening & closing Weathertight door(with window) 1570X900	19631853ISII	WED-039	01G-Y STBD	262WHL003B-00-W(EMC)	300		

DETAIL PACKING LIST

ITEM NO	Technical Specification Name	DESCRIPTION OF EQUIPMENT	ISI Ident #	ISI DOOR Name	DOOR NUMBER	DRAWING NO.	NET WEIGHT KG	PACKAGE SIZE (mm)	G W
11-2	Doors	A15/A30/A60 fire proof Weathertight & gastight steel door(EMC)1350X900	19630526ISI	WAD-024	01C-Z0 STBD	262WHL041-00(WAT-EMC)	335	1580X1000X1300	1
11-3	Doors	A15/A30/A60 fire proof Weathertight & gastight steel door(EMC)1350X700	19631198ISI	WAD-053	1G-Z0 PORT FWD	262WHL041-00(WET-EMC)	315		

DETAIL PACKING LIST

ITEM NO	Technical Specification Name	DESCRIPTION OF EQUIPMENT	ISI Ident #	ISI DOOR Name	Hatch NUMBER	DRAWING NO.	NET WEIGHT KG	PACKAGE SIZE (mm)	GR WE (
16-4	Hatches	watertight EMC hatch cover 800X800XR100	19637034ISI	WAH-039	1J STBD FWD	CB/T 3728-2011-WAT1	355	1800x1050x1650	1

NOTE: The hatches inside the Package NO. 16 will be FBC.

DETAIL PACKING LIST

ITEM NO	Technical Specification Name	DESCRIPTION OF EQUIPMENT	ISI Ident #	ISI DOOR Name	Hatch NUMBER	DRAWING NO.	NET WEIGHT KG	PACKAGE SIZE (mm)	GR WE (
18-1	Hatches	Weathertight hatch cover 700X700XR100	19630499ISI	WAH-029	03/01A	262WHL003A-00	115	1800X1100X1160	1
18-2	Hatches	Weathertight EMC hatch cover 700X700	19630503ISI	WAH-011	03C-2FWD	CB/T 3728-2011-C2	145		
18-3	Hatches	A0 quick open &close Weathertight hatch cover 800X800XR100	19630500ISI	WAH-014	01A PORT CTR3	263WHL705-00B	355		
18-4	Hatches	watertight EMC hatch cover 800X800XR100	19637034ISI	WAH-039	1J STBD AFT	CB/T 3728-2011-WAT1	355		

NOTE: The hatches inside the Package NO. 18 will be FBC.

DETAIL PACKING LIST

Package NO.: 19

ITEM NO	Technical Specification Name	DESCRIPTION OF EQUIPMENT	ISI Ident #	ISI DOOR Name	Hatch NUMBER	DRAWING NO.	NET WEIGHT KG	PACKAGE SIZE (mm)	GR WE (
19-1	Hatches	A0 quick open &close Weathertight hatch cover 800X800XR100	19637036ISI	WAH-023	1B-Z PORT FWD	263WHL705-00E	300	1800X1220X1430	1
19-2	Hatches	A0 quick open &close Weathertight hatch cover 800X800XR100	19637036ISI	WAH-023	1B-Z STBD	263WHL705-00E	300		
19-3	Hatches	A0 quick open &close watertight hatch cover 800X800XR100	19630498ISI	WAH-040	2D-0	263WHL705-00F	180		
19-4	Hatches	A0 quick open &close watertight hatch cover 800X800XR100	19630498ISI	WAH-040	2H-1	263WHL705-00F	180		
19-5	Hatches	A0 quick open &close watertight hatch cover 800X800XR100	19630498ISI	WAH-040	2H-2	263WHL705-00F	180		
19-6	Hatches	A0 quick open &close watertight hatch cover 800X800XR100	19630508ISI	WAH-040	4D	263WHL705-00F	180		

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PROJECT NAME: ASOP M303

Package NO.: 20

ITEM NO	Technical Specification Name	DESCRIPTION OF EQUIPMENT	ISI Ident #	ISI DOOR Name	Hatch NUMBER	DRAWING NO.	NET WEIGHT KG	PACKAGE SIZE (mm)	GR WE (t)
20-1	Hatches	Weathertight EMC hatch cover 1000X1000XR100	19630509ISI	WAH-030	03B-0	CB/T 3728-2011-C1	395	1130X1270X790	4

NOTE: The hatch inside the Package NO. 20 will be FBC.

DETAIL PACKING LIST

Package NO.: 21

ITEM NO	Technical Specification Name	DESCRIPTION OF EQUIPMENT	ISI Ident #	ISI DOOR Name	Hatch NUMBER	DRAWING NO.	NET WEIGHT KG	PACKAGE SIZE (mm)	GR WEIGHT (kg)
21-1	Hatches	A0 quick open &close Weathertight hatch cover 800X800XR100	19637036ISI	WAH-042	1G-B	263WHL705-00E	195	1050X930X1300	8
21-2	Hatches	A0 quick open &close Weathertight hatch cover 800X800XR100	19637036ISI	WAH-042	1G-Z1	263WHL705-00E	195		
21-3	Hatches	A0 quick open & close watertight hatch cover 800X800XR100	19605625ISI	WAH-041	4E-Z PORT AFT	263WHL040-00	170		
21-4	Hatches	A0 quick open & close watertight hatch cover 800X800XR100	19605625ISI	WAH-041	4E-Z STBD AFT	263WHL040-00	170		

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ITEM NO	Technical Specification Name	DESCRIPTION OF EQUIPMENT	ISI Ident #	ISI DOOR Name	Hatch NUMBER	DRAWING NO.	NET WEIGHT KG	PACKAGE SIZE (mm)	GR WE (l
23-1	Hatches	hatch cover 700X700XR100	19630497ISI	WAH-036	01C-Z0	262WHL003A-00B	200	950X840X950	2

DETAIL PACKING LIST

ITEM NO	Technical Specification Name	DESCRIPTION OF EQUIPMENT	ISI Ident #	ISI DOOR Name	DOOR NUMBER	DRAWING NO.	NET WEIGHT KG	PACKAGE SIZE (mm)	GR WEIGHT (K)
24-1	Side Shell Hatch	Side shell hatch 1400*2500 (hydraulic type)	19623409ISI	SSH-001	01A PORT	262WDL202A-00	1380	2900X1720X1320	31
24-2	Side Shell Hatch	Side shell hatch 1400*2500 (hydraulic type)	19623409ISI	SSH-001	01A STAR	262WDL202A-00	1380		

NOTE: The hatches inside the Package NO.24 will be FBC.

DETAIL PACKING LIST

ITEM NO	Technical Specification Name	DESCRIPTION OF EQUIPMENT	ISI Ident #	ISI DOOR Name	DOOR NUMBER	DRAWING NO.	NET WEIGHT KG	PACKAGE SIZE (mm)	GR WEIGHT (K)
25-1	Side Shell Door	Side shell door 900*900 (weather tight) with one hydraulic cylinder (manual type) EMC additional	19602530ISI	SSH-002	01G-A3 AFT	262WHL003A-00	290	1430X1210X960	73
25-2	Side Shell Door	Side shell door 900*900 (weather tight) with one hydraulic cylinder (manual type) EMC additional	19602530ISI	SSH-002	01G-A2 AFT	262WHL003A-00	290		

NOTE: The hatches inside the Package NO. 25 will be FBC.

DETAIL PACKING LIST

ITEM NO	Technical Specification Name	DESCRIPTION OF EQUIPMENT	ISI Ident #	ISI DOOR Name	DOOR NUMBER	DRAWING NO.	NET WEIGHT KG	PACKAGE SIZE (mm)	GR WEIGHT (K)
28-1	Electric hydraulic pump station	Electric hydraulic pump set for Side shell hatch 1400*2500 (hydraulic type)			01A PORT	262WDL202A-02-00	193	1250X700X1950	48
28-2	Electric hydraulic pump station	Electric hydraulic pump set for Side shell hatch 1400*2500 (hydraulic type)			01A STAR	262WDL202A-02-00	193		

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Package NO.: 29

ITEM NO	Technical Specification Name	DESCRIPTION OF EQUIPMENT	ROOM NUMBER	DRAWING NO.	NET WEIGHT KG	PACKAGE SIZE (mm)	GROSS WEIGHT (Kg)
29-1	Hand pump	Hand pump for mooring hatch 800X800	01A Port fwd	262WDL202A-02-00	24	1250X800X700	352
29-2	Hand pump	Hand pump for mooring hatch 800X800	01A Port ctr1	262WDL202A-02-00	24		
29-3	Hand pump	Hand pump for mooring hatch 800X800	01A Port ctr2	262WDL202A-02-00	24		
29-4	Hand pump	Hand pump for mooring hatch 800X800	01A Port ctr4	262WDL202A-02-00	24		
29-5	Hand pump	Hand pump for mooring hatch 800X800	01A Stbd fwd	262WDL202A-02-00	24		
29-6	Hand pump	Hand pump for mooring hatch 800X800	01A Stbd ctr1	262WDL202A-02-00	24		
29-7	Hand pump	Hand pump for mooring hatch 800X800	01A Stbd ctr2	262WDL202A-02-00	24		
29-8	Hand pump	Hand pump for mooring hatch 800X800	01A Stbd ctr3	262WDL202A-02-00	24		

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DETAIL PACKING LIST

Package NO.: 30

ITEM NO	Technical Specification Name	DESCRIPTION OF EQUIPMENT	DOOR NUMBER OR TYPE	DRAWING NO.	NET WEIGHT KG	PACKAGE SIZE (mm)	GROSS WEIGHT (Kg)
30-1	Remote board	Wheelhouse Remote board for Side shell hatch 1400*2500 Size: 175*195			7	1450X1050X650	481
30-2	Sound and light annunciator	for Side shell hatch 1400*2500 QTY.: 1X2	JHDG-12 IP56		10		
30-3	Indication box	for Side shell hatch 1400*2500 QTY.: 1X2	ANH-2 IP68		4		
30-4	limit switch	for Side shell hatch 1400*2500 QTY.: 7X2	BES M18MI-NSC80B-BV15		8.4		
30-5	Hydraulic cylinder	for Side shell hatch 1400*2500 QTY.: 2X2		90/63-S 560	242		
30-6	Hydraulic cylinder seat	Hydraulic cylinder installation seat QTY.: 2X2			70		
30-7	Flexiable hose pipe	Locking hydraulic cylinder installation QTY.: 2X2	φ8M18X1.5-15MPa-1000-L12 (GB3733-2008)		3		
30-8	Flexiable hose pipe	Locking hydraulic cylinder installation QTY.:4X2	φ12M26X1.5-15MPa-500-L18 (GB3733-2008)	FOR 90/63-S 560 and pipes	6.5		

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ITEM NO	Technical Specification Name	DESCRIPTION OF EQUIPMENT	DOOR NUMBER OR TYPE	DRAWING NO.	NET WEIGHT KG	PACKAGE SIZE (mm)	GROSS WEIGHT (Kg)
30-9	Mal stud fittings L18/M22X1.5	GB/T 3733-2008 QTY.:6X2	B7	262WDL202A-02-00GL	2	DITTO	DITTO
30-10	Union fittings L18	GB/T 3737-2008 QTY.:4X2	B13	262WDL202A-02-00GL	2		
30-11	Banjo fittings L18/M22X1.5	GB/T 3745-2008 QTY.:2X2	B15	262WDL202A-02-00GL	1.7		
30-12	Mal stud fittings L12/M16X1.5	GB/T 3733-2008 QTY.:2X2	B8	262WDL202A-02-00GL	0.3		
30-13	Union fittings L12	GB/T 3737-2008 QTY.:2X2	B9	262WDL202A-02-00GL	0.4		

DETAIL PACKING LIST

Package NO.: 31

ITEM NO	Technical Specification Name	DESCRIPTION OF EQUIPMENT	DOOR NUMBER OR TYPE	DRAWING NO.	NET WEIGHT KG	PACKAGE SIZE (mm)	GROSS WEIGHT (Kg)
31-1	Hand pump	Hand pump for Side shell door 900*900	01G-A3 aft	262WHL003A-02-00	29.5	850X850X850	219
31-2	Hand pump	Hand pump for Side shell door 900*900	01G-A2 aft	262WHL003A-02-00	29.5		
31-3	Hydraulic cylinder	for Side shell hatch 900*900 QTY.: 1X2		90/63-S 200	79		
31-4	Hydraulic cylinder seat	Hydraulic cylinder installation seat QTY.: 1X2			18		
31-5	Flexiable hose pipe	Locking hydraulic cylinder installation QTY.: 2X2	φ10M22X1.5-15MPa-1200-S14 (GB3733-2008)		4.5		
31-6	Flexiable hose pipe	Locking hydraulic cylinder installation QTY.:2X2	φ10M22X1.5-15MPa-1200-S14 (GB3733-2008)	FOR 90/63-S 200 and pipes	4.5		
31-7	Mal stud fittings S14/M18X1.5	GB/T 3733-2008 QTY.:8X2	ITEM NO.3	262WHL003A-02-00	1.9		
31-8	Union fittings S14	GB/T 3737-2008 QTY.:4X2	ITEM NO.4	262WHL003A-02-00	1.5		

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Package NO.: 32

ITEM NO	Technical Specification Name	DESCRIPTION OF EQUIPMENT	DOOR NUMBER OR TYPE	DRAWING NO.	NET WEIGHT KG	PACKAGE SIZE (mm)	GROSS WEIGHT (Kg)
32-1	Hydraulic cylinder	for mooring hatch 800X800 QTY.: 1X8		63/35-S 340	211.2	1450X1050X550	398
32-2	Hydraulic cylinder seat	Hydraulic cylinder installation seat QTY.: 1X8			69.6		
32-3	Flexiable hose pipe	Locking hydraulic cylinder installation QTY.:2X8	φ10M22X1.5-15MPa-500-S14 (GB3733-2008)	FOR 63/35-S 340 and pipes	10.5		
32-4	Mal stud fittings S14/M18X1.5	GB/T 3733-2008 QTY.:4X8	ITEM NO.3	263WDL106-00YL	4		
32-5	Union fittings S14	GB/T 3737-2008 QTY.:2X8	ITEM NO.4	263WDL106-00YL	2.9		

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DETAIL PACKING LIST

Package NO.: 33

ITEM NO	Technical Specification Name	QTY.	TYPE	DRAWING NO.	NET WEIGHT KG	PACKAGE SIZE (mm)	GROSS WEIGHT (Kg)
33-1	Hydraulic cylinder sealing	2 sets				700X700X700	~300
33-2	Hand pump seal	2 sets					
33-3	Seal of hatch For (1400X2500)	10 m	60X30				
33-4	Seal of hatch For the others	10m	45X20				
33-5	Hydraulic cylinder installation accessories	a) Shaft 16 sets b) Guide plate 16 sets c) Washer 32Pcs	For 800X800 Mooring hatch (Installation bolts included)				
33-6	Hydraulic cylinder installation accessories	a) Shaft 8 sets b) Guide plate 8 sets c) Washer 16Pcs	For 1400X2500 Side shell hatch (Installation bolts included)				
33-7	Hydraulic cylinder installation accessories	a) Shaft 4 sets b) Guide plate 4 sets c) Washer 8Pcs	For 900X900 side shell door (Installation bolts included)				
33-8	Hinge pin for steel door	50 Pcs (H62)					

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33-9	Pad lock	1 Pcs Brass					
33-10	Grease nozzles	100 Pcs Brass	For shafts, hinges etc.				
33-11	Safety pin for hinge pin	100 Pcs SUS304					

NOTE: SPARE PART FOR HRDRAULIC HATCHES.