

1,200TEU CLASS CONTAINER CARRIER

EQUIPMENT LIST

0- 8

 HANJIN HEAVY INDUSTRIES & CONSTRUCTION CO., LTD.

[illegible]

HHIC		N-644/45/46/47		Equipment list			Page : 2 / 5											
No.	Item	Q'ty	Specification	Supplier / Model No.	Fax & Tel. No.	Remark												
1.	Hatch cover	1set	<div><div><div>*. Weather-tight steel hatch cover, pontoon type.</div><table><tr><td>Hatch Number</td><td>Hatch opening size</td><td>No. of row</td></tr><tr><td>No. 1</td><td>12,600x10,600/15,400</td><td>1 row</td></tr><tr><td>No. 2</td><td>12,600x15,740</td><td>2 rows</td></tr><tr><td>No.3~7</td><td>12,600x20,800</td><td>2 rows</td></tr></table></div><div><div>*. Manual Jumping stopper</div><div>*. Rubber sealing w/compression bar</div><div>*. Non-sequential operation</div></div></div>	Hatch Number	Hatch opening size	No. of row	No. 1	12,600x10,600/15,400	1 row	No. 2	12,600x15,740	2 rows	No.3~7	12,600x20,800	2 rows	MacGREGOR	Fax : 358-2-4121 540 Tel. : 358-2-41 211	
Hatch Number	Hatch opening size	No. of row																
No. 1	12,600x10,600/15,400	1 row																
No. 2	12,600x15,740	2 rows																
No.3~7	12,600x20,800	2 rows																
2.	Container fitting	1 lot	<div><div>*. ISO fixed fitting for 20'/40' container loading</div><div>*. ISO semi-auto twistlock for 20'/40' container loading on deck</div></div>	German Lashing	Fax : 49 421 173615 Tel. : 49 421 1736199													
3.	Windlass combined with mooring winch	2sets	<div><div>*. Electro-Hydraulic motor driven type.(Low pressure)</div><div>- 19.9 ton x 9 m/min at gypsy wheel</div><div>- 11 ton x 15 m/min at 1st layer on hawser drum</div></div>	Ulstein Brattvaag AS / BFM41.064 WM41012	Fax : 47 70 20 8600 Tel. : 47 70 20 8500													
	Mooring winch	2sets	<div><div>*. Electro-Hydraulic motor driven type.(Low pressure)</div><div>- 11 ton x 15 m/min at 1st layer on hawser drum</div></div>															
4.	Bow-thruster	1set	<div><div>*. Electric motor driven type.</div><div>*. 13.3 ton thrust, 900 Kw</div><div>*. Four blade controllable pitch propeller</div><div>*. Duration : 30 min.</div></div>	Kawasaki / KT105B3	Fax : 81 78 682 5528 Tel. : 81 78 682 5355													
5.	Fixed CO2 system & Smoke detection system	1 lot	<div><div>*. High pressure type</div><div>*. 45 Kg /bottle x 106 Bottles</div></div>	Iljin & Preussag	Fax : 82-51-263-5987 Tel. : 82-51-263-5988													
6.	Provision crane	1 set	<div><div>* Electric Motor Driven, wire luffing type</div><div>* 5 ton SWL x 6.5/2.0 M</div></div>	Dongnam	Fax : 82 525 329 4111 Tel. : 82 525 338 6842													

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7.	Lifeboat & Lifeboat davit with winch	1set	*. F.R.P totally enclosed type, 25 p/ Freefall type *. Water cooled diesel engine, manual/electric starting	Ernst Hatecke/ GFF6.6HII/FFA6.6M	Fax : 49 4143 915240 Tel. : 49 4143 9152	
8.	Rescue Boat	1set	*. Rigid type with outboard engine	Ernst Hatecke/ RB400		
9	Rescue Boat davit	1set	*. Single arm	Oriental Precision	Fax : 82 51 206 9993 Tel. : 82 51 202 0101	
10.	Liferaft	3sets	*. 1x 25 p/ Davit launching type *. 1x 25 p *. 1x 6 p	RFD/	Fax : 44 1232 621765 Tel. : 44 1232 301531	
11	Air con. Plant	1set	*. Central cooling / heating unit, high pressure twin pipe type -. 1 x Central fan unit -. 1 x Compressor of open type -. 1 x Condenser	Hi-pres Korea / HPB-08 MCU 106S CRNC 502320 BFO 3 CRKF 221223 HFS-4-SS, HFS-1 DS 30	Fax : 82 525 346 3501 Tel. : 82 525 346 3500	
12	Provision ref. plant	1 lot	-. 2 x Compressor -. 2 x Condenser -. 2 x Air cooler -. 1 x Ozone generator			
13.	Packaged air con.	2sets	*. ECR : Cooling capacity : 22,500 Kcal / hour *. Work shop : Cooling capacity : 22,500 Kcal / hour	Han Soe / HS-PAC55A HS-PAC55AD	Fax : 82 15 417 5916 Tel. : 82 15 417 1442	
14.	Emergency fire pump	1set	*. Electric motor driven, self-priming, centrifugal type. *. 72 m3/h x 70 MWC	Shin Shin / B200 VID2 B125 VIB3	Fax : 82 51 727 5305 Tel. : 82 51 727 5300	
	Ballast pump	2sets	*. Electric motor driven, self-priming, centrifugal type. *. 300 m3/h x 30 MWC			
15.	Bilge eductor for bosun store, bow thruster room, void space	4set	*. Water driven type *. 5 m3/h x 25 MWC	Kiwon	Fax : 82 525 337 3305 Tel. : 82 525 337 3300	
	Ballast stripping eductor	1set	*. Water driven type *. 50 m3/h x 17 MWC			
	Bilge eductor for cargo hold	1set	*. Water driven type *. 25 m3/h x 15 MWC			
16.	Anti-heeling system	1set	*. Manual / Automatic control	Intering /	Fax : 49 40 523 1580 Tel. : 49 50 523 2057	

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17.	Butterfly valve	15ea 7ea 17ea 1ea 4ea 6ea	*. 250A, Full-Lug type. *. 150A, Full-Lug type *. 125A, Full-Lug type *. 125A, Flange type. *. 100A, Full-Lug type *. 80A, Full-Lug type	DONG KWANG VALVE/	Fax : 82 51 303 2727 Tel. : 82 51 302 2451	
18.	Ship's horn	2sets	*. Electric motor driven type on foremast & radar mast with automatic time controller	Zollner-Kiel / ZET-HORN 131AC	Fax : 49 431 7027 202 Tel. : 49 431 7027 113	
19.	Nautical inventory	1 lot	*. 1 x Chronometer, Battery use *. 1 x Sextant *. 1 x Aneroid barometer, Millibar type. *. 1 x Clinometer, Clock & Flush wall mounting type	Lilley & Gillie /	Fax : 44 191 257 1521 Tel. : 44 191 257 2217	
20.	Inventory for life saving & fire fighting	1 lot	*. Fire extinguishers(Portable, Movable type) *. Fire hoses *. Smoke signals *. Lifejackets *. Life buoys *. Firemans outfit *. Other fire fighting & Life saving related loose items	NK	Fax : 82 51 204 2215 Tel. : 82 51 204 2211	
21.	Bower anchor	2sets	*. Cast steel, Stockless , high holding power type. *. 5,175 Kg / Set	Kumhwa Cast Steel Indust. Mach. Co., Ltd /	Fax : 82 523 383 4907 Tel. : 82 523 382 0083	
22.	Anchor chain cable	1lot	*. Extra-high strength flash butt-welded special steel with stud, Grade K3. *. Ø 64 x 605 m	Daihan Anchor Chain MFG Co., Ltd. /	Fax : 82 525 346 3501 Tel. : 82 525 346 3500	
23.	Accommodation ladder winch & motor	2sets	*. AL alloy, Electric motor driven winch *. 600B x 8,950L	Jung-A Marine Equip. MFG. Co., Ltd. /	Fax : 82 51 263 3702 Tel. : 82 51 261 5420	
24.	Window wiper	4sets	*. Horizontal moving type - Blade length : 800mm - Stroke length: 1700mm(2st), 1000mm(1st), 1600mm(1st)	JUNG-A / WSI-H-1/2-T KYG-350-H	Fax : 82 51 263 3702 Tel. : 82 51 263 4330	
25.	Clear view screen	2sets	*. Ø 350 Diameter			
26.	Drinking water fountain	2sets	*. 50 Liter/h	Samkun & Century	Fax : 82 523 374 9410 Tel. : 82 523 374 9413	

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27.	Ventilation fan	29 sets	*. Axial flow type	Hi-pres Korea Co., Ltd /	Fax : 82 525 346 3501 Tel. : 82 525 346 3500	
33.	Laundry equipment			LG-elec./ WP-855W AEG/LAVATHERM57700 ESI-V1250R	Tel. : 82 51 245 9192	
	- Washing machine	4sets	*. 7.0 Kg			
	- Tumble dryer	2sets	*. 6 Kg			
	- Portable iron	2sets	*. 1.2 Kw			
	- Electric heater	2sets	*. 2.0 Kw	JEITEK / NS-C20	Fax : 82 51 514 0853 Tel. : 82 51 514 0851	
34	Galley equipment			Bohnhoff / HO-3 N-40 V250T TGL 300 BS515 KS 400 BO-G2 M 5 C 506S SL 4 RL118	Fax : 40 55 76 1525 Tel. : 40 55 76 1515	
	- Electric cooking range	1set	*. 6-Hot plate with 1- Oven type			
	- Electric soup boiler	1set	*. Tilting type, 40 liter			
	- Electric deep fat fryer	1set	*. 8~10 liter			
	- Meat slicer	1set	*. Blade : Ø 300 mm			
	- Waste disposer	1set	*. 400 Kg / hour			
	- Refrigerator	1set	*. 400 liter			
	- Electric baking oven	1set	*. 2 Baking and 1 Prooving			
	- Potato peeler	1set	*. T-5S			
	- Dish washing machine	1set	*. 30 Racks / hour			
	- Electric toaster	2sets	*. 4-slices			
	- Coffee Machine	2sets	*. Abt. 10 Liter/h, 2kw			
35	CO2 fire ext. system for galley duct	1 set	* 4.5kg	Iljin & Preussag/	Fax : 82 51 263 5987 Tel. : 82 51 263 5988	