



HEAD OFFICE

OCEAN BUILDING 273, Jangsaengpogorae-ro, Nam-gu, Ulsan,
Republic of Korea, 44780

T E L | +82 . 52 . 226 . 0700 (BOARD)

F A X | +82 . 52 . 265 . 9991

W E B | www.oceanma.com

S H I P S E R V I D | 51386

E-M A I L | ocean@oceanma.com

GREECE BRANCH OFFICE

16 Kifissias, Athens, 115 26, Greece

D I D | +30 . 6981 . 980425

E-M A I L | europa@oceanma.com

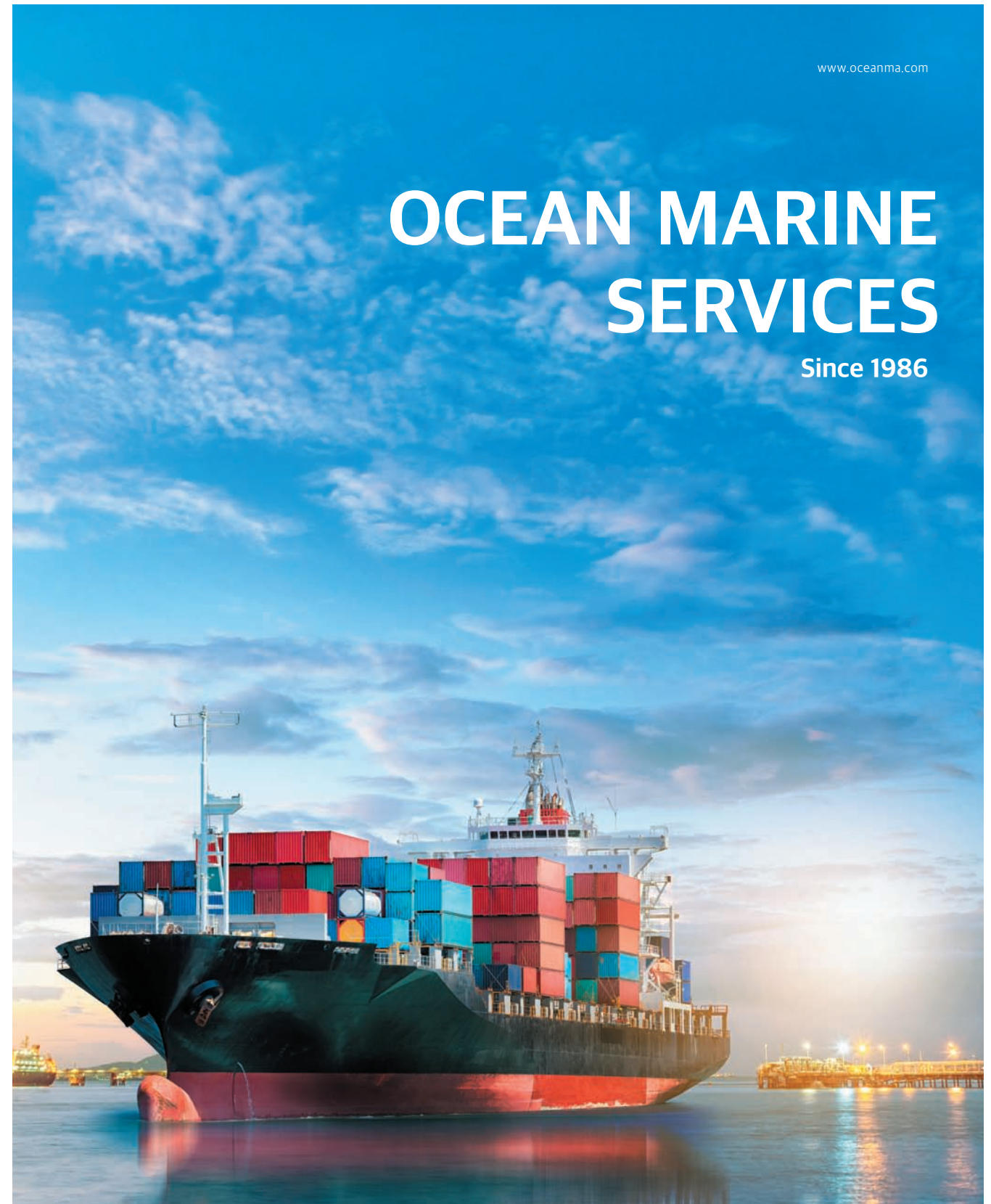
jnkim@oceanma.com



www.oceanma.com

OCEAN MARINE SERVICES

Since 1986



OCEAN MARINE SERVICES Is the Best **Engine Partner**

CONTENTS

04. CEO's Message

05. History

07. Business Scope Summary

08. Part Sales _ Engine & Engine Spare Parts

10. Technical Sales

14. Part Sales _ Korean Machineries

16. Marine Stores & Provisions

18. Total Lubricants & Lub Oil



CEO's Message

"We Think About Customer Satisfaction Before We Act"

Dear, Customers

Ocean Marine Services was founded in 1986 and has made a remarkable accomplishment over 36 years.

WE PROVIDE SERVICES.

As an authorized sales agent of Engine & Machinery Division of Hyundai Heavy Industries, TOTAL Lubmarine (France), S-oil Total Lubricants, and Hyundai Oil bank. We provide Engine Spare Parts, Korean Machinery Co., Ltd. Parts, Marine Equipment Supply and Total Lubricants.

We are committed to provide the highest level of customer satisfaction services together with the best solution to our clients through the long-term experiences and know-how which we have obtained over the past 36 years.

WE HAVE A CUSTOMER FIRST PHILOSOPHY.

We have established a logistics center and further expanded our facilities in Ulsan. We have reorganized ourselves with enhanced inventory system and supply management. In order to respond immediately to our clients, we have established a global network in Singapore, Norway & Greece. In 2019, we have finally opened a branch office in Athens, Greece.

VISION 2025 : No.1 Engine Partner In World-Wide

To achieve our vision, we will always support and provide the best service to our clients and promise to supply the best products with reasonable price on fast delivery time worldwide.

We hope to be your reliable business partner who will be always accompanied with you.

We wish you the very best.

OCEAN MARINE SERVICES
James JM Kim / President & CEO

History

- 1980-1989**
 - 1986 04 · Established company
 - 1987 06 · Registered a member of ISSA (UK)
 - 1988 10 · Contracted sales agent with MANHO ROPE MFG Co., Ltd.
- 1990-1999**
 - 1990 06 · Registered a member of IMPA (UK)
 - 1991 02 · Appointed as a supplier of Hyundai Mipo Dockyard Co., Ltd.
 - 1992 03 · Appointed as a supplier of Hyundai Merchant Marine Co., Ltd. (HMM)
 - 1993 09 · Registered to KFTA for import and export
 - 1998 11 · Registered to Korea Shipping Agencies Association
- 2000-2010**
 - 2000 02 · Certified ISO 9001 DNV
 - 09 · Appointed as an authorized agent of Hyundai Heavy Industries Co.,Ltd. (HHI-EMD)
 - 11 · Awarded the prize for 5 million dollars export achievement from government
 - 2001 07 · Appointed as a sales agent of Century Corp
 - 2002 04 · Appointed as an exclusive agent of SOTECO in Korea
 - 2003 05 · Appointed as a supplier for EUKOR Car Carriers Inc
 - 12 · Appointed as a supplier for Korea Marine Transport Co., Ltd. (KMTC)
 - 2005 02 · Appointed as a agent of Total Lubmarine, France
 - 09 · Appointed as a supplier for Hanjin Shipping Co.,Ltd.
 - 10 · Appointed as a supplier for STX-PAN Ocean shipping
 - 2007 01 · Registered to purchasing faculty of Hyundai Heavy Industries
 - 08 · Registered to purchasing faculty of Daewoo shipping and Marine Engineering
 - 09 · Registered to purchasing faculty of Hyundai Samho Industries
 - 2008 01 · Registered to purchasing faculty of Samsung Heavy Industries
 - 2009 11 · Awarded the prize for 10 million dollars export achievement from government
 - 2010 02 · Appointed as a agent of S-oil TOTAL
- 2011-2014**
 - 2011 11 · Awarded the prize for 20 million dollars export achievement from government
 - 2013 01 · Appointed as exclusive sales agent of Viper Wire Rope Lubricator, Australia
 - 2014 10 · Re-build and extend of Head office and warehouse
- 2015 ~ present**
 - 2015 07 · Awarded the prize from ministry of trade, Industry & Energy (MOTIE)
 - 2019 01 · Registered as a partner company of Hyundai Oilbank
 - 03 · Establish the Greece Branch Office
 - 03 · Served as honorary tax chief of Ulsan Tax Office
 - 06 · Awarded the prize for social outstanding corporation from the Ulsan District Prosecutors Office
 - 2020 03 · Awarded the prize for exemplary tax payer from Prime Minister
 - 2021 04 · Company's 35th Anniversary
 - 2022 03 · Contract with Global Echo Co., Ltd. for an exclusive sales agent of the MS-SOx Scrubber (EGCS) system spares

Shipbuilding Industry Leader in Human-Friendly

We have the expertise and experience to improve our service by taking opportunity in world wide. We always focus on achieving the very highest levels of customer service and become most wanted company to work with.

Business Scope

■ Parts Sales

- Genuine Hyundai M/E & A/E (HiMSEN) Spare Parts
- Spare Parts Sales for Marine Engine & Diesel Power Plant
- Spare Parts Sales for Korean / Japanese / European Made Machinery

■ Technical Sales

- Parts Re-conditioning, Re-Engine
- Packaged Major Overhaul Service for HiMSEN Engine
- COPT, BWTS, Thruster
- Supply with Sox Scrubber
- Crane Repairing

■ Sales for Lub. Oil

- Lubricants for 2-Stroke and 4-Stroke Engines for Vessel and Power Plant
- Lubricants for Auxiliary Machinery

■ General Marine Stores

- Marine Stores
- Fresh Provisions & Bonded for Stores
- IMPA member

■ Authorized Sales Agents



Parts Sales

Authorized Sales Agent of
Hyundai Global Service

ENGINE & ENGINE SPARE PARTS

- Two and Four Stroke Diesel Engine and Spares
- HiMSEN Engines and Spares
- Turbocharger Spares
- Propeller, Shaft and Rudder Stock
- Power Plant

2-Stroke Engines		4-Stroke Engines	
HYUNDAI -MAN B&W	HYUNDAI WIN-GD	HiMSEN ENGINE	MAN B&W Holeby
S46MC-C(ME-B)	RTA/RTF48(T)	H17/21V	L23/30(H)
L/S/K/G50MC-C (ME-3, ME-B, ME-GI)	RTA/RTF50(T)	H17/24V	L28/32(A, H)
L/S/K/G60MC-C (ME-3, ME-B, ME-GI)	RTA/RTF58(T)	H17/28(E, U, V)	L27/38
L/S/K/G70MC-C(ME-C, ME-GI)	RTF60C-B	H21/32(V, P)	L32/40
L/S/K/G80MC-C(ME-C, ME-GI)	RTA62(U)	H21(C, M)	
L/S/K/G90MC-C(ME-C, ME-GI)	RTA/RTF68	H22CDF	
L/S/K/G98MC-C(ME-C, ME-GI)	RTA72(U)	H25/33(P, V)	
	RTA/RTF84(C, T)	H27DF	
	RTA/RTF96(C)	H32/40(V, P)	
	X52/62/72/82/92DF	H32(C, CV)	
	X62/72/82/92(B)	H35DF(V)	
		H35/40G(V)	
		H46/60(V, P)	
		H54DF(V)	

Parts Sales

Sales Agent of
Hyundai Global Services

Technical Sales

1. BWMS (Ballast Water Management System)



HiBallast : Disinfection System Electrolysis of Sea Water / EcoBallast : Ultra Violet Disinfection System

BWMS Retrofit Procedure

Task Procedures for Retrofit Vessels

Primary equipment arrangement using P&ID and the relevant drawing



Survey and scanning onsite



Recompose and reproduce piping lines to be installed with existing pipes

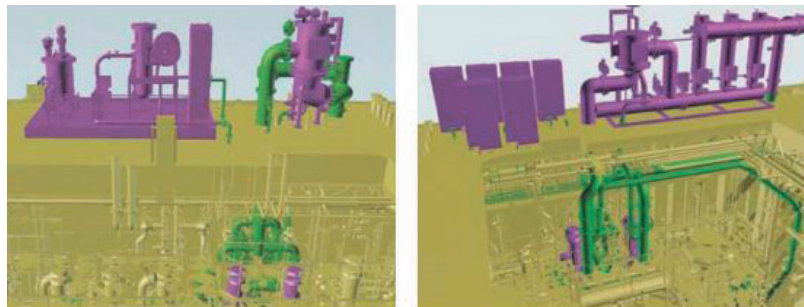


Approval process



Installation and commissioning

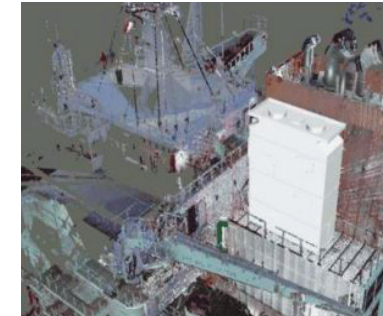
Minimum Modification for Retrofit



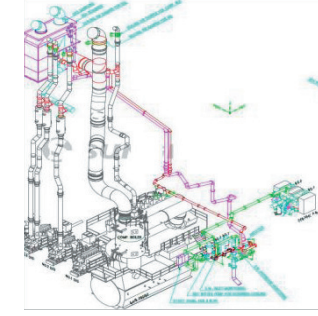
HiBallast requires minimum modification for BWMS retrofit among all BWMS types.

Technical Sales

2. Scrubber (Authorized agent of MS-SOx Scrubber(EGCS) system)



3D Scanning & Feasibility study

Engineering with Class approval
Procurement & LogisticsWharf & Workers arrangement
Installation & Commissioning

Comparison Factor	MS-SOx (Global Echo)	Others	Remark
supply Scope & Guarantee	Mainly Full turnkey Guarantee : Whole system (2 years + @)	Mainly Scrubber system only Guarantee : 1 years + @	
Scrubber tower (Material)	Titanium. Light and the most robust (Corrosion free)	Stainless grade. Heavy and corrosion risk	
Scrubber tower (Venturi)	Internal venturi (Patent). Simple connection with less back pressure. No corrosion.	External venturi (patent). High back pressure & Corrosion issue	
Delivery time & Class approval	3 months	5-12 months	
Installation place	Wharf arranged by Global Echo	Drydocking	Full booking of drydocking
Installation time	2 weeks by Global Echo's supervisors and workers	6-8 weeks	Minimized ship's off hire time
Required seawater amount	500m3/h (about 50% than others)	About 1,200m3/h	Based on Suezmax tanker 2pump running condition
Power consumption of pump	130kW (about 50% than others), Less OPEX	About 300kW, Higher OPEX	
Water flow control	Y-D start with constant Speed operation Familiar system to the ship's crew. Easy maintenance Wirhout VFD, power consumption is already 50% less	VFD VFD malfunction means malfunction of whole system. High risk	Simplification of system Less risk of malfunction
Discharge water pH value	pH 4.5-6.1(more neutral) No risk of damage at ship side piece and hull coating	pH 2.5-3 (more acid) Damage at ship side piece and hull coating	
Sealing air fan	Not required. Patent and approved non air sealing type damper valve	Required. Continuous power consumption & maintenance	
Weight of system including pipe	About 40ton	About 150ton	Based on Suezmax tanker
Structural design at funnel area	Minimum change from original design	Massive change from original design	-
Gross tonnage change	No change of Gross tonnage	Increase	-
Overboard pipe	Titanium sleeve inserting. Corrosion free!	Coating application. High risk!	

Technical Sales

3. Parts Re-conditioning

Major Components of 2 & 4 Stroke Diesel Engine

We are applying special welding process certified by engine makers and classifications to the recondition of components for 2 & 4 stroke diesel engine.



Cylinder Cover - 2 stroke



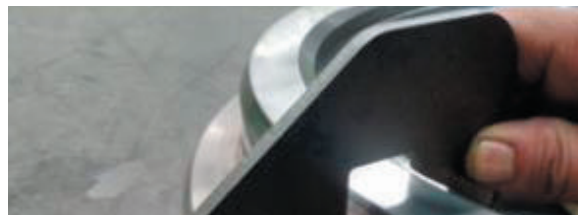
Cylinder Head - 4 stroke



Exh. v/v Spindle - 2 stroke



Cylinder Liner



Bottom Piece - 2 stroke



Piston Crown - 2 stroke



Piston Rod - 2 stroke



FIVA V/V COMPLETE

- RECONDITION / OVERHAUL / REPAIR

Cylinder Cover / Head, Exh. valve Spindle & Bottom Piece, Piston Crown, Rod, Skirt and Etc.

- CHROME PLATING

Ring Groove for Piston Crown, Stem Part for Exh. valve Spindle, Shaft and etc.

- HVOF COATING

Piston Rod, Exh. valve Spindle and Cage

- OTHERS

FIVA valve, FO Parts (Plunger & Barrel, Spindle Guide, Nozzle and etc.)

Technical Sales

4. Crane Engineering

Business

- Focusing technical data obtained through over 15 years experiences on supply of marine machinery and spares reinforced by frequent meeting with supervisor of vessel and conclude advantageous solution including dispatching service engineers.

Sales and Service

- Attendance Service engineers for issues solving of cranes, replacement of spare parts and load test
- Spare parts supply on Hydraulic and electrical parts for Hose handling cranes, Provision cranes, Engine room crane, and Lifeboat & Davit
- ICP (Integrated Crane Pre-inspection) activity before or during Drydock
- Pre-inspection and periodic crane health check calling to Korea, China and Singapore basically
- Technical advice of crane malfunction issues all the time
- Perform and advise of Crane retrofit

Scope of Performance

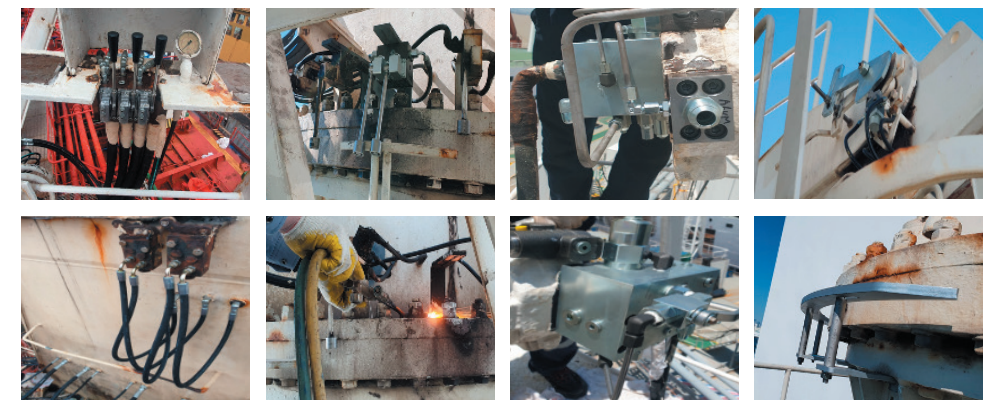
Available to perform for below 20T cranes mentioned below list of cranes

- Korean Makers Cranes
- European Makers Cranes
- Japanese cranes

Spare parts

- Hoisting winch assembly and parts
- Main control valve
- Jib Head & Hook block assembly
- Hose and fitting
- Cylinder assembly and parts
- Slewing winch assembly and parts
- Wire rope
- Consumable accessories

Attendance works



Korean Machineries

MANUFACTURER	MACHINERY
 Alfa Laval	Fuel Oil Supply Unit / Fresh Water Generator / Purifier
 Aqua Metro	Flow Meter Control System
 Aura Marine	Fuel Supply Systems
 Bumhan Industries	Pneumatic / Hydraulic Control System
 BY Controls	Main Air Compressor
 CMR Korea Co., Ltd.	Marine Telephone, Public Address System, CCTV
 Consilium	Network System
 Cummins Korea	Emergency Generator
 Daehwa Engineering Sensor	Level Switch / Level Gauge / Level Controller
 Daeyang Electric Co., Ltd.	Electric Component
 Deif A/S	Electric Component
 Desmi	Exhaust Gas Cleaning System / Daily Bilge Pump
 Donghwa Entec	Heat Exchanger, Air Cooler, F.W Generator
 Donghwa Pneutec	Compressor / Air Cleaning
 Dongnam Marine Crane Co., Ltd.	Deck Machinery
 Emerson	Hydraulic Valve / Remote Control System / Console
 Evac Korea (Catheco Korea)	Vacuum Toilet System / Cargo Vessels / Anode
 Flutec Co., Ltd.	Hydraulic Pump / Steering Gear / Mooring Winch
 Green & Clean Technology Co., Ltd.	Hydraulic Top Bracing
 Georim Engineering Co., Ltd.	Sewage Treatment, Bilge / Oily W. Separator
 Hanla Level Co., Ltd.	Level Gauge, Deck Machinery
 Han Young Engineering	Bilge Alarm, O.W.Separator, Waste W.Treatment
 Hi Air Korea Co., Ltd.	Ventilation Fans, Air Conditioning Unit
 Hyundai Electro & Electric System	Electric Component
 Hyundai Elevator Co., Ltd.	Elevator / Control Panel
 Hyundai Marine Machinery Co., Ltd.	Aux Blower / Control Panel / Incinerator
 Kangrim Heavy Industries Co., Ltd.	Boiler, Gas Economizer, Waste Oil Incinerator
 K.C. Ltd.	Anode / Automatic Control Panel / Remote Monitoring Pannel
 Japan Radio Co., Ltd.	Network System
 Jets Korea	Vacuum Toilet
 Jowa Ab	Treatment Systems For Oily Water, Fresh Water

MANUFACTURER	MACHINERY
 Jung-A Marine Co., Ltd.	Deck Machinery
 Keumsung Hightech Co., Ltd.	Control Air Dryer
 Keystone Valve	Butterfly Valve / Disc / Seat
 Kukdong Elecom	Lighting Equipment
 Korval	Control Valve / Cryogenic Safety Relief Valve / Temperature Regulating Valve
 Ksb Seil	Ballast Control System / Remote Control Valve
 Kyung Nam Dryer Co., Ltd.	Air Dryer, Air Filter
 Macgregor Co., Ltd.	Deck Machinery
 Marine Radio Co., Ltd.	Telephone System, CCTV
 Meiyo Electric Co., Ltd.	Electric Component
 Metos Oy Ab	Galley
 MSI Compressor	Compressor
 Mt. H Control Valve Co., Ltd.	Control, Regulating Valve
 My Tech Co., Ltd.	Plate Heat Exchanger / Shell & Tube Heat Exchanger
 Naniwa Pump Mfg Co., Ltd.	Pump
 Nk Co., Ltd.	Marine Extinguishing System, BWTS
 Oriental Precision & Engineering	Deck Machinery
 Panasia Co., Ltd.	Monitoring System, Gauging & Alram System
 Saacke Gmbh	Boiler, Burner
 Samjoo ENG	Galley
 Samgong Co., Ltd.	Oil Purifier, Deck Machinery
 Samkun Century Co., Ltd.	Water Treatment System, BWTS
 Saracom Co., Ltd.	GMDS Equipment, Navigational Equipment
 Shin Myung Tech Co., Ltd.	Crane / Davit / Winch / Motor / Pump
 Shin Shin Machinery	Pump
 Taiko Kikai Industries	Pump
 Tanktech	Valve, Hull Piping Outfitting
 Tech Flower Co., Ltd.	Deck Machinery, Crane, Davit
 Yoowon Industries Ltd.	Deck Machinery, Steering Gear
 Vaf Instruments	Fuel Oil Flowmeter / Viscosity Control Unit
 Viper-Wire Rope Lubricator	Vacuum Toilet

Marine Stores, Provision and Bonded Stores

im
pa

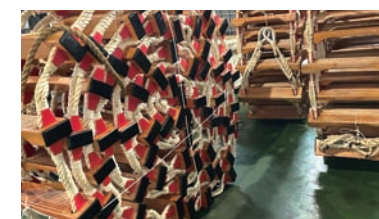
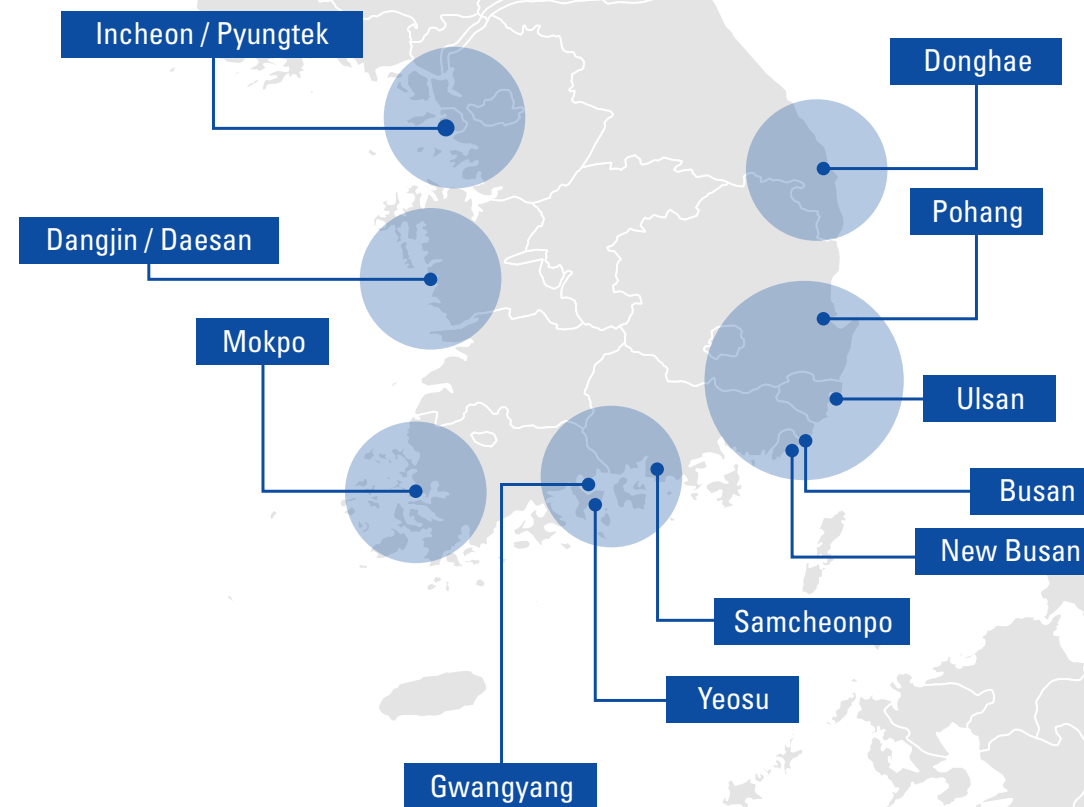
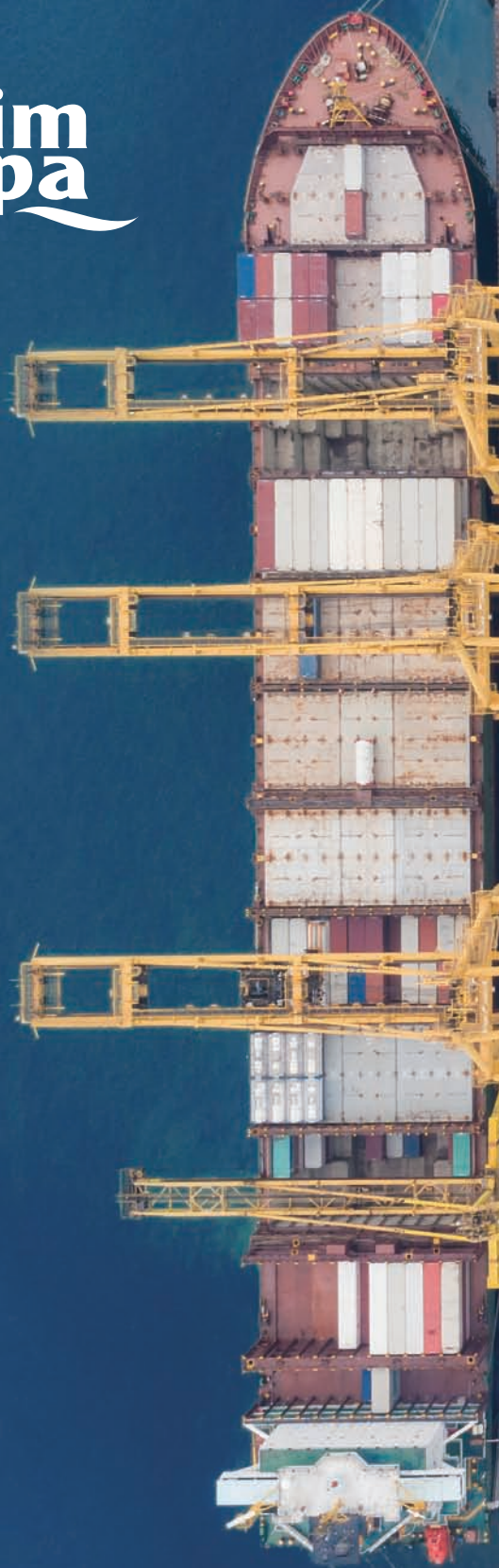
GENERAL MARINE STORES

REFERENCE LIST (Initial Stores Supply)

NAVIG8 SHIP MANAGEMENT	MRTANKER 30 VESSELS / LR1 SERIES 8 VESSELS
HOEGH LNG FLEET MANAGEMENT	FSRU 3 VESSELS
SINOKOR MERCHANGEMARINE	MR TANKER 14 VESSELS
GOODWOOD SHIP MANAGEMENT	VLCC 6 VESSELS /CRUDE OIL TANKER 1 VESSEL
TEEKAY PETROJARL PRODUCTION AS	FPSO 2 VESSELS
APLCO PTE LTE, ETC	CONTAINER 10 VESSELS
PANTHEON	LR TANKER 2 VESSEL
EASTERN PACIFIC	LPG 4 VESSEL
KNUTSEN	LNG TANKER 3 VESSEL
AET SHIP MANAGEMENT	CRUDE OIL TANKER 3 VESSEL
BW FLEET MANAGEMENT	LNG TANKER 3 VESSEL

SCOPE OF SUPPLY

Clothes & Linen
 Tableware & Gallery Utensils
 Rope & Hawsers
 Rigging Equipment & General Deck Items
 Marine Paint & Painting Equipment
 Safety Equipment
 Hose & Coupling
 Nautical Equipment
 Medicine
 Petroleum Products (Lub oil, UREA 40%)
 Stationery & Hardware
 Bushes & Mats, Lavatory Equipment
 Cleaning Material & Chemicals
 Pneumatic, Electrical & Hand Tool
 Cutting & Measuring tools
 Food & Organic Provision
 Etc, (Canned, Bottles, Packing, welding..)



TOTAL LUBRICANTS



A Complete Range Of Products For Engines

For 2-Stroke Engines :

TALUSIA

- Cylinder oil for low-speed engines and heavy fuel oils (HFO) :
 - └ TALUSIA UNIVERSAL for all HFO whatever the sulphur content
 - └ TALUSIA HR 70 for high sulphur HFO only

ATLANTA

- System oil for low-speed engines :
 - └ ATLANTA MARINE D

* Approved by Engine Builders MAN Diesel & Turbo
WÄRTSILÄ Mitsubishi HI

For 4-Stroke Engines :

AURELIA TI

- For medium speed Diesel engines : HFO
 - └ SAE 20, 30, 40 / BN 30, 44, 55

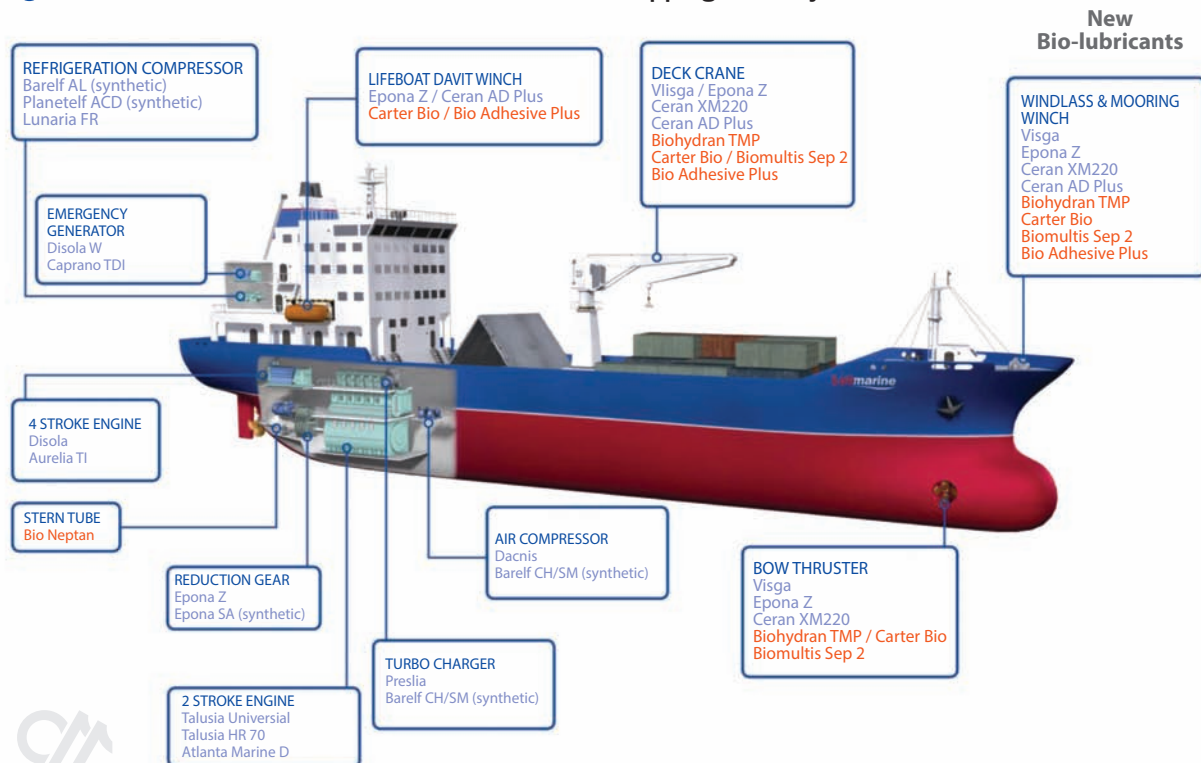
DISOLA

- For high & medium-speed engines : MDO and MGO
 - └ SAE 30, 40, 50 / BN 12,14, 20

* Approved by Engine Builders HISEN, MAN DIESEL, WÄRTSILÄ, DEUTZ,
SEMT PIELSTICK, YANMAR, DAIHATSU, GUANGZHOU DIESEL,
MAK CATERPILLAR, ROLLS ROYCE

Sales for Total Lub Oil

Total Lubmarine Lubricants for The Worldwide Shipping Industry



Certification

