

# MIDDLE EAST FUJI ENGINEERING (MEFE)

QUALITY • RELIABILITY • INTEGRITY



# Middle East Fuji Engineering

- Provides 24x7 engineering services for ships Afloat as well as in the Dock
- Supplies Genuine Machinery spares.
- Supplies Deck Machinery & Fittings, Classified /Overboard valves & Out Fittings, Retrofit Equipment, High pressure/ High and low temperature valves, fittings and consumables
- Experience and training – total Engineers - 36
  - a) Mechanical Engineering – 25
  - b) Automation / Electrical Engineering – 11
  - c) Safety Equipment Inspection 6 engineers from mechanical multi-certified with Marine Safety.
- Serving all Middle East ports, Africa and Central Asia, Around the Globe

# Middle East Fuji Engineering

- BWTS & SCRUBBER SYSTEMS SUPPORT
  - MEFE engineers are experienced and authorized by NAKAKITA Seisakusho to carryout VRCS – BWTS INTERFACING and are equally conversant with other makers.
  - Engineering Equipment Division with support from various manufactures already supplied many vessels with valves, actuators, control panel, IACS Type approved Electric Cables etc for BWTS retrofits. Duplex & Super Duplex Valves, De-bubblers for EGCS (Scrubber System),
  - PTFE Coating for pipes and fittings.

## Our Specialty:

- Authorized agents for world's renowned marine equipment and machinery makers.
- Authorized Services are covered with maker standard warranty.
- Services and supply are covered with best General Liability insurance and workman compensation insurance.
- Credible service team with rich experience, approved by major oil and gas transportation companies and Shipyards.
- Consistent track record and hands on experience on the equipment from other makers.

# MEFE's Major Customers (Marine)

- NYK LNG SHIPMANAGEMENT LTD.
- MOL LNG TRANSPORT CO., LTD.
- "K" LINE ENERGY SHIP MANAGEMENT CO. LTD.
- TEEKAY SHIPPING LIMITED
- KNUTSEN OAS SHIPPING
- MARAN GAS MARITIME INC
- ADNATCO - NGSCO (LNG FLEET DIVISION)
- QATAR GAS TRANSPORT COMPANY (NAKILAT)
- EXMAR SHIPMANAGEMENT
- OMAN SHIP MANAGEMENT COMPANY S.A.O.C.
- THE SHIPPING CORPORATION OF INDIA LTD
- WILHELMSSEN SHIP MANAGEMENT
- WAH KWONG SHIP MANAGEMENT
- V.SHIPS SHIP MANAGEMENT LTD.
- TORM SHIPPING INDIA PVT LTD.
- TNKC UK LIMITED
- SHELL INTERNATIONAL

- NORTHERN MARINE MANAGEMENT LIMITED
- BP SHIPPING LTD.
- OSM SHIP MANAGEMENT AS
- MALAYSIA INTERNATIONAL SHIPPING CORPORATION BERHAD
- THE GREAT EASTERN SHIPPING CO., LTD.
- THOME SHIP MANAGEMENT PTE. LTD.
- STOLT TANKERS B.V.
- SAUDI ARABIAN SAIPEM CO. LTD.
- SAMOS STEAMSHIP CO.
- PRONAV SHIP MANAGEMENT GMBH & CO. KG
- OMAN DRYDOCK COMPANY, S.A.O.C.
- NATIONAL IRANIAN TANKER CO. (SHJ)
- NAKILAT-KEPPEL OFFSHORE AND MARINE LTD.
- MIDEAST SHIP MANAGEMENT LTD.

- KUWAIT OIL TANKER CO., S.A.K.
- DRYDOCKS WORLD - DUBAI
- ARAB SHIPBUILDING AND REPAIR YARD CO
- ANGLO-EASTERN SHIP MANAGEMENT LIMITED
- SYNERGY MARITIME PVT LTD
- CHINA LNG SHIPPING (INTERNATIONAL) CO..
- YUYO STEAMSHIP CO., LTD.
- WORLD TANKERS MANAGEMENT PTE LTD
- UNIX LINE PTE LTD
- THORESEN & CO., (BANGKOK) LIMITED
- SAIPEM S.P.A
- MMS CO., LTD.

# FUJI GLOBAL NETWORK

**Fuji Trading Co. Ltd**  
**(Yokohama)**

**Fuji Trading Co. Ltd**  
**(Tokyo)**

**Fuji Trading Co. Ltd**  
**(Kobe)**

## Overseas Group Companies

### EUROPE

- Fuji Trading Marine B.V.  
(Rotterdam)
- Fuji Trading Co. Ltd., (London)
- Fuji Trading Co. Ltd., (Greece)

### MIDDLE EAST

- Middle East Fuji LLC (UAE)
- Middle East Fuji Engineering LLC
- Middle East Fuji LLC (Qatar)
- Middle East Fuji Khimji's Co. LLC  
Oman (Subsidiary of MEF)
- Middle East Fuji Khimji Shipping  
LLC, Fujairah

### CHINA

- Fuji Trading (Shanghai) Co. Ltd
- Fuji Trading Transport Systems  
(China) Co. Ltd.
- Yokotsu (Shanghai) Co. Ltd.
- Fuji Marine Logistics (Shenzhen)  
Ltd.

### KOREA

- Hanil-Fuji (Korea) Co. Ltd.
- Fuji Transport Systems (Korea)  
Co. Ltd.
- Fuji Global Logistics Co. Ltd.

### SINGAPORE

- Fuji Trading (Singapore) Pte. Ltd.
- Fuji Horiguchi Engineering Pte.  
Ltd

### PHILIPPINES

Fuji Trading Co. Ltd (Manila)

### HONG KONG

- Fuji Trading (Marine) Co. Ltd. /  
Fuji Marine Logistics (HK) Ltd.

### NORTH & SOUTH AMERICA

- Fuji Trading (America) Inc
- Fuji Metalock Brasil S.A.

# PUMPS & TURBINES

Overhauling of Cargo, Ballast, Tank Cleaning, Stripping, Feed, Circulating, Vacuum Pumps, Steam Turbines, Turbo Generators, AUS (Automatic Unloading Systems) etc.



# VALVE & VALVE CONTROL SYSTEM

Overhauling of Cryogenic Safety Relief Valve, Boiler / Steam High Pressure Safety Valve, Cargo & Ballast & Boiler Steam valves and Control Systems.  
Cryogenic Valves for LNG/LPG applications, Pressure / Vacuum Valves

**Miura**

**Volcano** VOLCANO CO.,LTD.

# BOILER

Miura Co. Ltd., Marine Boilers & Incinerators, Volcano Co. Ltd., Incinerators, Burner Management System



# HYDRAULIC EQUIPMENT

Hydraulic Winches, Windlass, Steering Gear MHI (Together with Samayu Eng. Japan), Fukushima (Together with Maker)

**MITSUBISHI**  
HEAVY INDUSTRIES, LTD.  
Our Technologies, Your Tomorrow

**NIPPON PUSNES CO., LTD.**  
**SETOZAKI IRON WORKS CO., LTD.**

株式会社 **福島製作所** *fukushima*

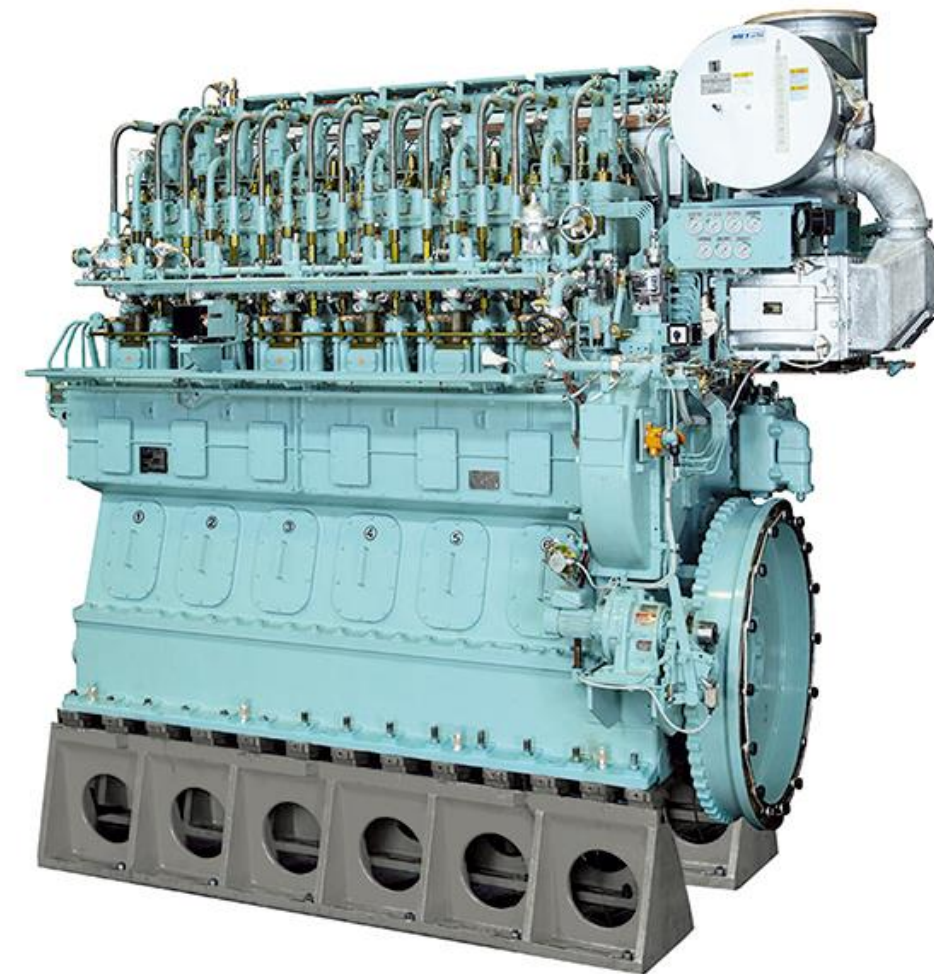
**FLUTEK**  
FLUTEK, Ltd.



# WORK SCOPE - Mechanical

## DIESEL ENGINE

Akasaka Diesels Ltd., Marine Diesel Engines (UEC),  
Makita Corporation, Marine Diesel Engine (B&W)



# AUTOMATION & ELECTRICAL SYSTEMS

**CALIBRATION, TESTING, TROUBLESHOOTING & NEW INSTALLATION**

## ***Deck Automation Equipment & Systems***

- Pump Room Automatic Unloading Systems (AUS)
- Pump Room Pressure Transmitters (COP)
- Cargo Pump Bearing Temperature Monitoring Systems
- Cargo Tank Pressure & Temperature Monitoring Systems
- Cargo Compressor Instruments.
- Cargo Tank Level Gauges, Ballast Tank Level Gauges, Draft Gauges
- Mechanical Float Type Level Gauging System
- Electro-Pneumatic Tank Level Gauging Systems
- Manifold Pressure & Temperature Monitoring Systems
- Fixed Gas Detection Systems and Portable Gas Detectors
- Portable UTI Gauging Units
- Vapour Emission Control System (VECS)
- Oil Discharge Monitoring & Control Systems (ODME)
- Water Ingress Detection Systems and De-Watering Systems



# AUTOMATION & ELECTRICAL SYSTEMS

## CALIBRATION, TESTING, TROUBLESHOOTING & NEW INSTALLATION

### ***Engine Room / Machinery Spaces Equipment & Systems***

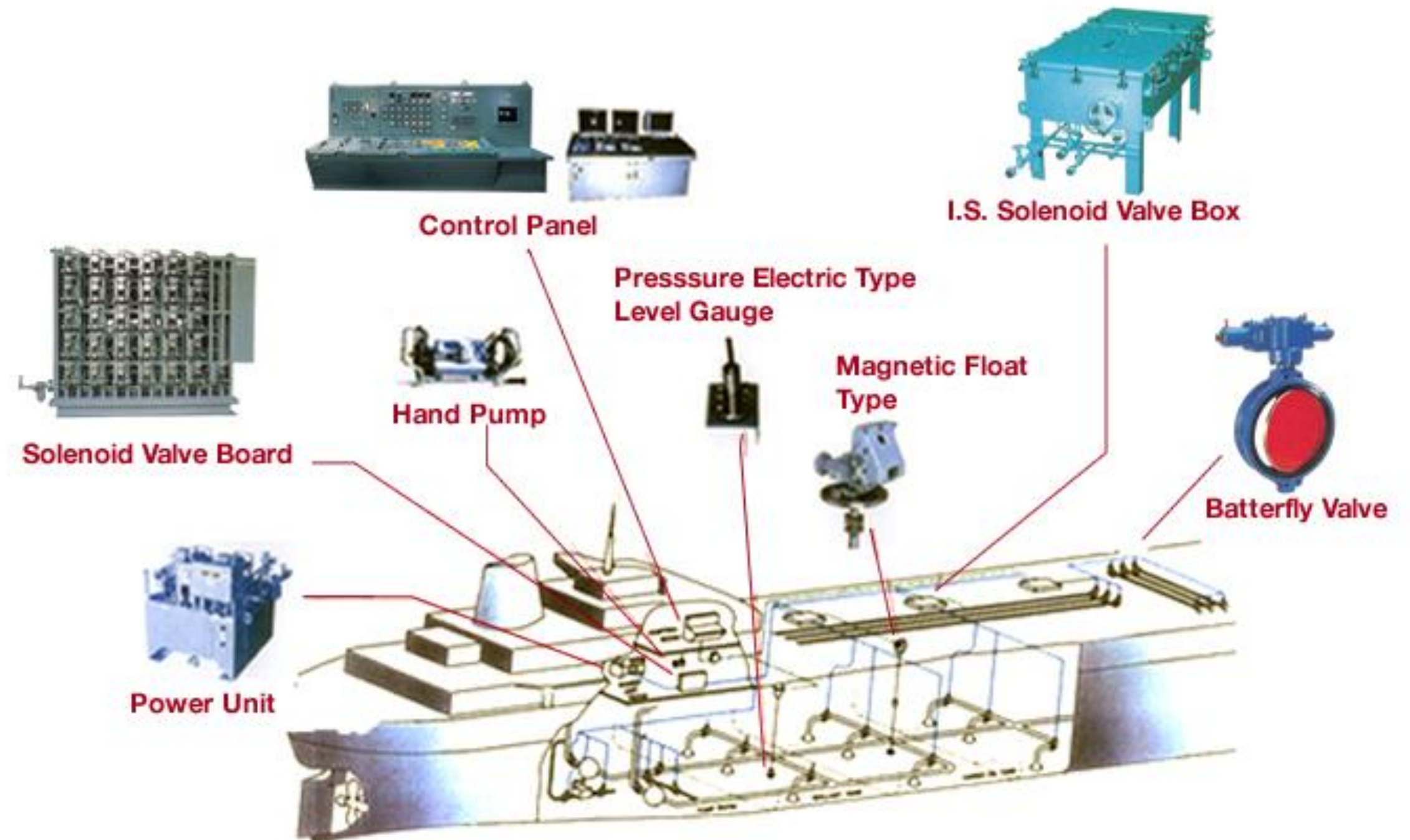
- Boiler Control Systems / Automatic Combustion Control Systems
- Inert Gas Systems and Inert Gas Generators
- Incinerator Control Systems
- Engine Room Alarm Monitoring Systems
- Steam Turbine Control Systems
- Fuel Oil Viscosity Control Systems
- 15PPM Bilge Alarm Monitors & Oily Water Separators (OWS)
- Controllers, Control Valves & Valve Positioners
- Temperature and Pressure Control Loops
- Engine Oil Mist Detection Systems
- Bow Thruster Controls and Steering Gear Systems
- Fire Detection & Water Mist Systems



# HYDRAULIC EQUIPMENT

## Automation/Electrical Engineering

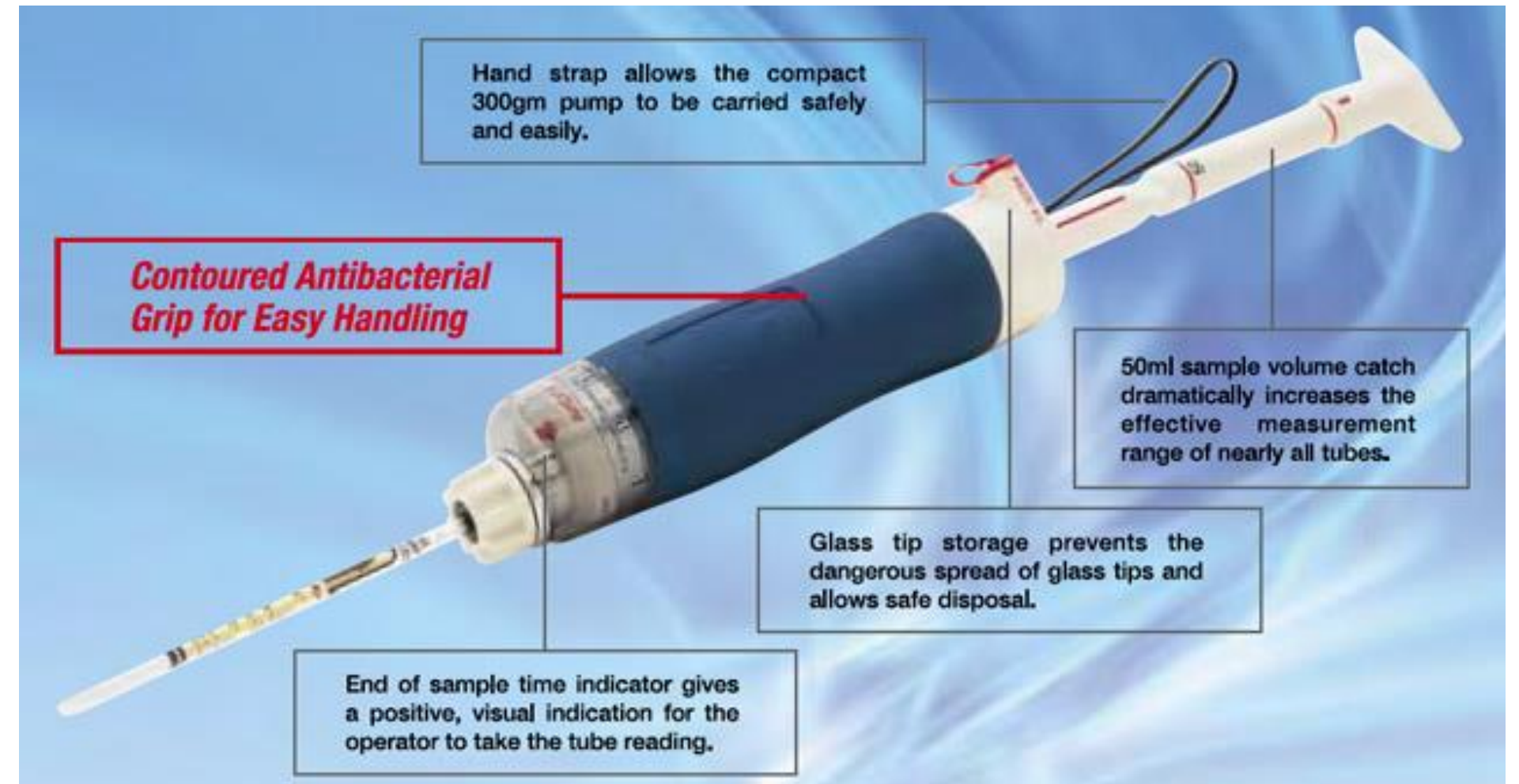
- Cargo, Ballast, Service tank level gauging equipment, Draft Gauge, Pressure & Temp. Indication system, Cargo and Ballast VRCS, ODM (Oil Discharge Monitoring and Control System), Bilge Separators (Oil-water separator)
- Main Switchboard/ Emergency Switchboard, Starter Panels, Alarm & Monitoring System





# Automation/Electrical Engineering

- Gas Detection System, Gas Detection Instruments, IG System, Alcohol Test Kit
- N2 Generator, IG Generator, Fire Fighting (Extinguishing) System.
- Automation/Electrical Engineering
- Thruster Remote Control System
- Propeller Shaft RPM Indicator
- Engine Telegraph, Main Engine Remote Control System
- Moriya Marine Elevators
- a. Inverter Renewal – FRENIC-VG Fuji Electric.
- b. PLC renewal – MHI Q-series



- Float Type Level Gauges
- Level Alarm Switches
- Remote Indicators & Tank Guards.

**X-BOB Bunker Overfill Protection**



**High Level Alarm HLA 907**



Level Gauge 806/ 808



Level Gauge 807

# Safety Equipment Inspection

- Annual / Five Yearly inspection of Lifeboats, Hook release & Launching Devices as per MSC1/CIRC1206
- Authorized service agents for 6 manufacturers and provide annual / 5-year inspection services and LRRS modification and kit supply
- Immersion Suits - Provides inspection service for Immersion suits
- Fire Fighting (Extinguishing) System - provide inspection service for Fire Fighting (Extinguishing) Systems



Nishi-F Co., Ltd.



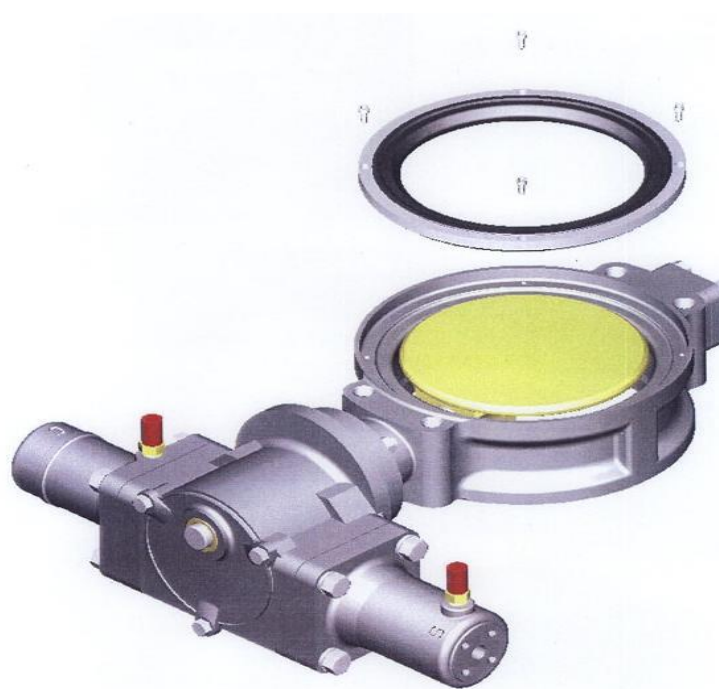
# Machinery, Equipment & Spare Parts Trading

- Genuine Spare parts and Equipment from Manufacturers around the globe.
- Supply Equipment for New Building, Retrofit/ Replacement Equipment for Conversion & Repair Ships.  
Emergency Repair & supply services.
- Maker/Equipment List, Reference List Available

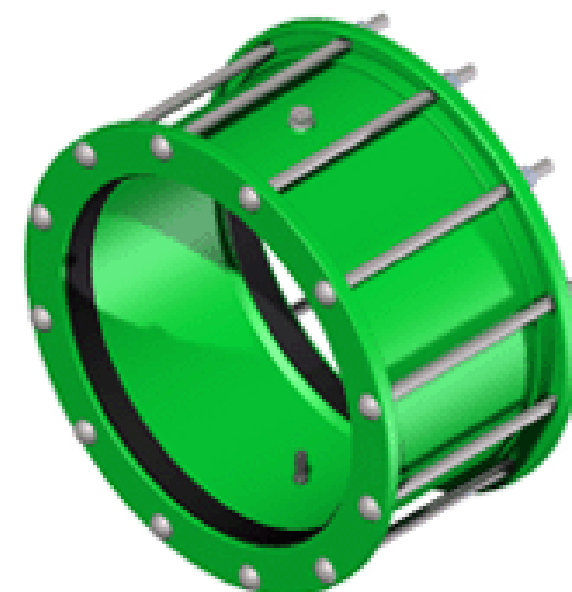
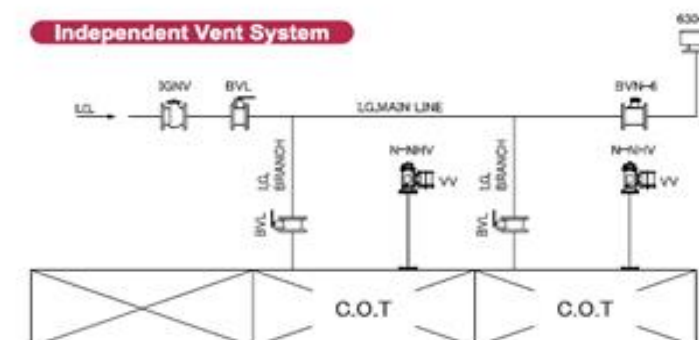
## Machinery, Equipment Service Scope

- [LNG Vessel](#)
- [LPG Vessels](#)
- [Oil & Product Tanker Vessels.](#)

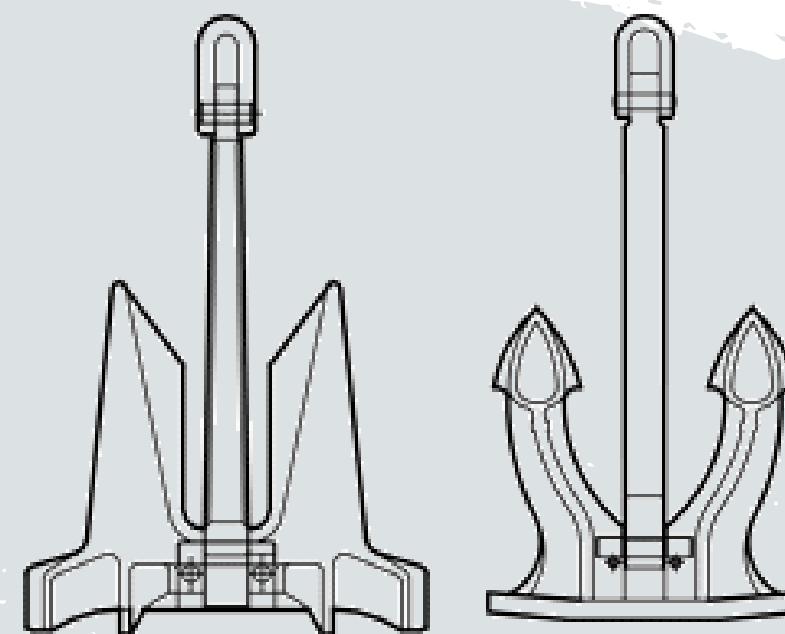
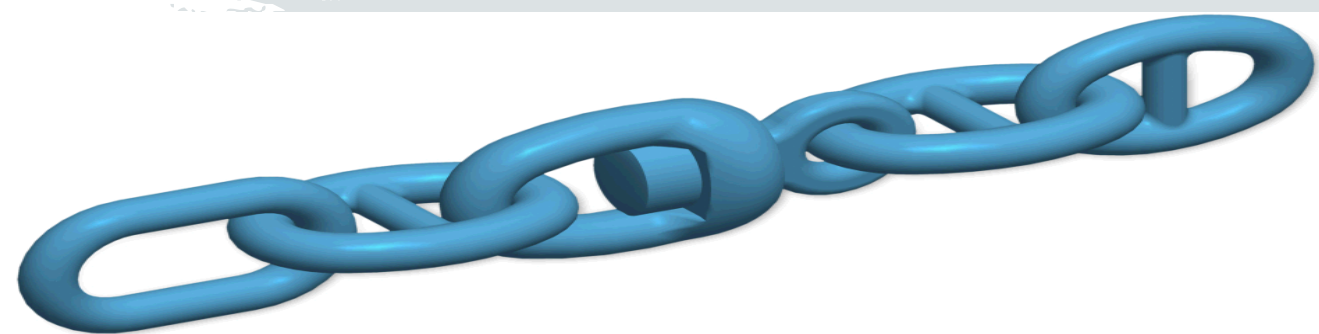
# Various Special Equipment And Fittings For Tankers



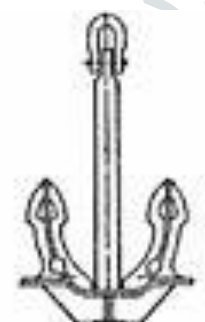
仕様	
MODEL	N-NHV-(MATERIAL)-(SIZE)
SIZE	65A/80A/100A/125A/150A/200A Connection JIS-5K
MATERIAL	SCS14 (65A, 80A) FC200 (80A, 100A, 125A, 150A, 200A)
SET PRESSURE	14kPa 20kPa
APPROVED	IMO MSC/circ.677 circ.1009 ISO 15364



# Anchor & Chain



**Danforth**



**Hall**



**AC14**



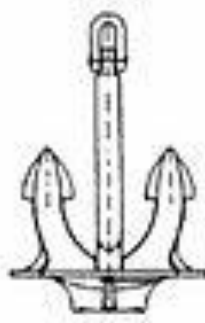
**Spek**



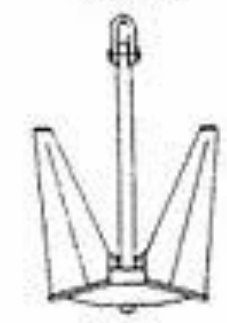
**Kedge-Admiralty**



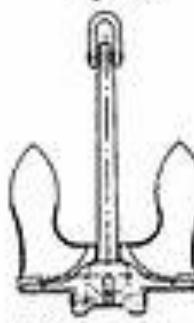
**Byers**



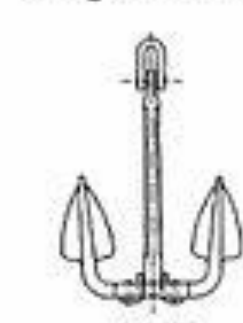
**Union**



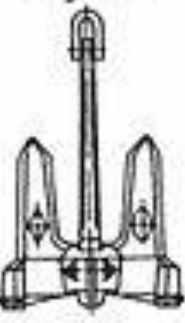
**Pool**



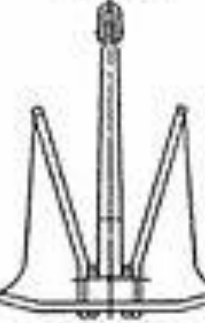
**Stockless**



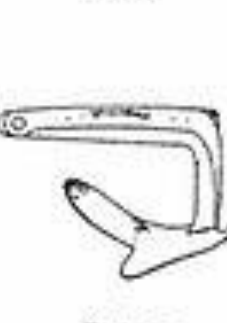
**KLIP**



**ZY-6**



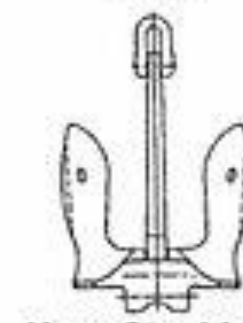
**D'Hone**



**Bruce**



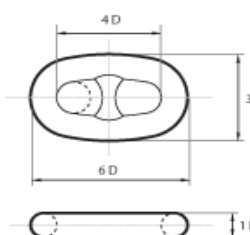
**FOB**



**Navy Stockless**

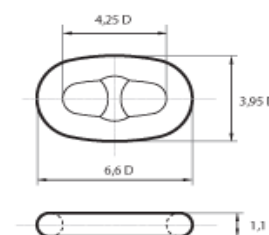


COMMON LINK



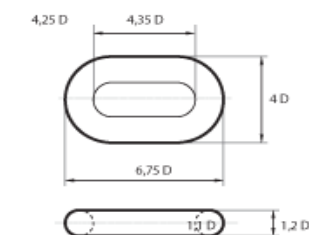
COMMON LINK

ENLARGED LINK



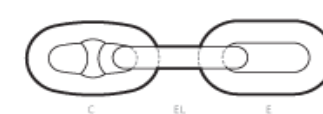
END LINK

END LINK

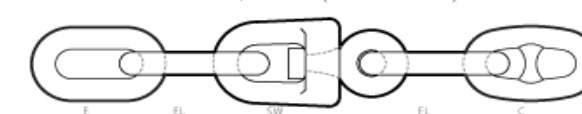


ENLARGED LINK

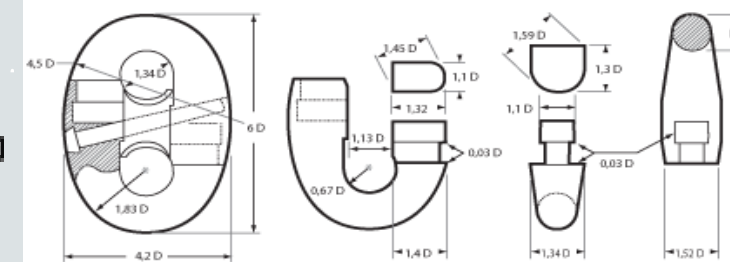
NORMAL ADAPTOR PIECE



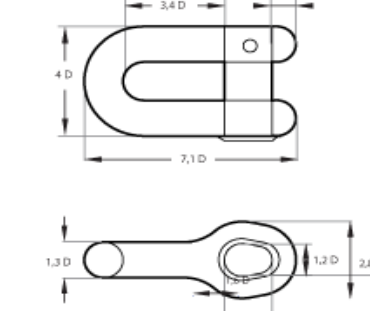
SWIVEL W/4 LINKS (FORERUNNER)



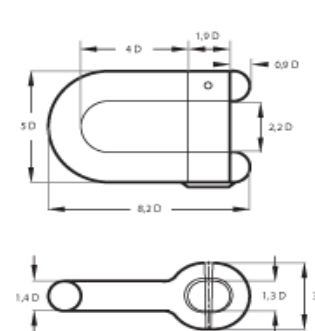
JOINING SHACKLE TYPE KENTER



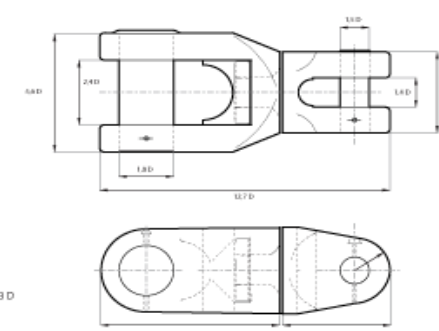
JOINING SHACKLE TYPE D



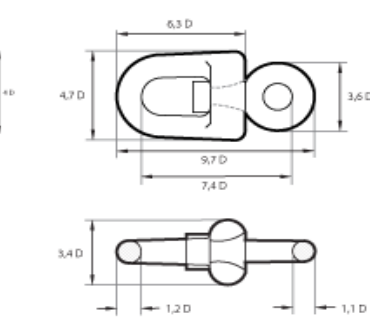
ANCHOR SHACKLE TYPE D



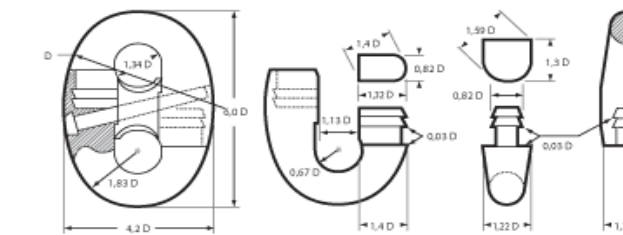
SWIVEL SHACKLE TYPE A



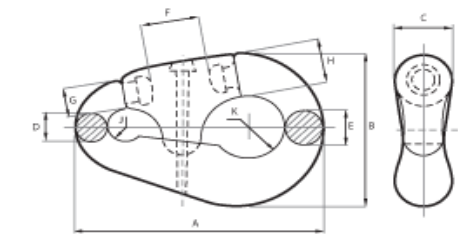
SWIVEL



RAMFOR™ SLIM CONNECTORS



PEAR SHAPED END SHACKLE



Agents and/or after sales service representatives for

			 Kashiwa Co., Ltd.	 MAKITA CORPORATION	
					
					
					
					

# THANK YOU!

For more information, Visit our website

[www.mef.ae](http://www.mef.ae) & [www.fujitrading.co.jp](http://www.fujitrading.co.jp)