

Project & Service Division

I-SHIP SOLUTIONS PTE. LTD.

SHANGHAI ISHIP MARITIME TECHNOLOGY CO, LTD.

A one-stop marine equipment & service partner for newbuildings, conversions and vessel operations.

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Core Products & Services of the Project & Services Division — a one-stop marine equipment & service partner.

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Repair, calibration and maintenance services delivered by our experienced technical team.

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Contact Us

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01

Company Overview

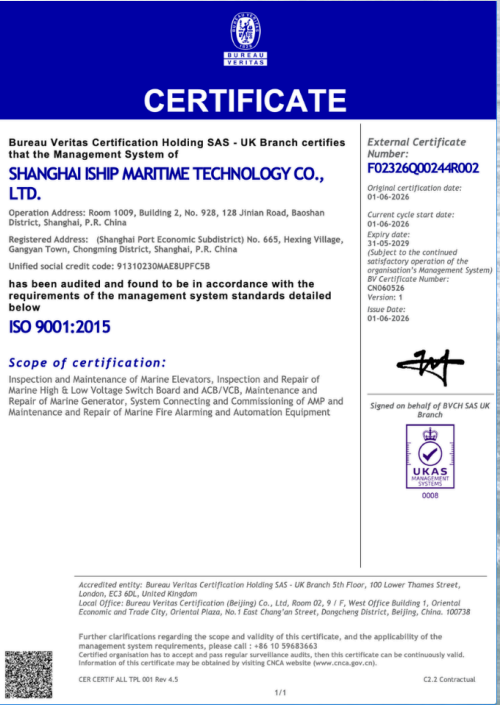
Who we are and where we operate



Who we are

I-SHIP Solutions PTE. LTD. is a Singapore-based marine equipment and service provider. The spare-parts supply and ship-repair services in this catalogue are delivered by our Shanghai subsidiary, **SHANGHAI ISHIP MARITIME TECHNOLOGY CO., LTD.**, supported by engineering teams based in Shanghai and Zhoushan.

We supply a comprehensive range of marine products — from our own in-house manufactured smart marine equipment to genuine and OEM spare parts covering all major systems on board — and we back them with a professional ship repair and maintenance service team.



A one-stop marine equipment & service partner for newbuildings, conversions and vessel operations.

01

Singapore-based marine equipment and service provider

02

Delivered by our Shanghai subsidiary, SHANGHAI ISHIP MARITIME TECHNOLOGY CO., LTD.

03

Engineering teams based in Shanghai and Zhoushan

02

Our Advantage Products

In-house equipment · Genuine and OEM spare parts



In-House Manufactured Equipment

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EcoGuard Products

EcoGuard Series

From design to production, our entire smart marine equipment range is built in-house to thrive under the toughest conditions at sea. Expect robust performance, full regulatory compliance, and tailor-made solutions to fit your vessel's unique needs.

01

EcoGuard CCTV & CCTV AI System

02

EcoGuard Breath Alcohol Testing System

03

EcoGuard Face Recognition Auto Gate System

04

EcoGuard Multimedia Information Publishing System

05

EcoGuard Wireless Fire Alarm System

06

EcoGuard Crane Management System

07

EcoGuard Container Automatic Fire Suppression Unit

08

EcoGuard Intelligent Integrated Platform System

09

EcoGuard Multifunctional Aerial Work Platform

10

EcoGuard Vibration Management System

11

EcoGuard Variable Frequency Drive (VFD) Management System

12

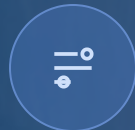
EcoGuard Container Temperature Monitoring System

11 · Highlight

EcoGuard VFD Energy-saving Retrofitting Platform — see next page

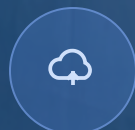
EcoGuard VFD Energy-saving Retrofitting Platform

Conventional VFD retrofits simply fit one VFD to each individual fan motor, leaving no central visibility. Our platform takes a different route:



Single integrated control program

Manages all units through one control program instead of isolated single-fan drives.



Online data upload & remote monitoring

Uploads operating data online for remote monitoring across the fleet.



Independent motor control

Allows each fan motor to be controlled independently.



THE RESULT

Delivering measurable energy savings together with full data transparency.

General Marine Spare Parts

Genuine and OEM spare parts across eight categories, covering all major systems on board.

8

SPARE-PARTS
CATEGORIES



2.2.1

Marine Fire Detection Equipment



2.2.2

Marine Corrosion Protection Systems



2.2.3

Valve Remote Control Systems



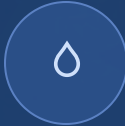
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Tank Gauging & Monitoring Systems



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Marine Motors



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Pump Spares



2.2.7

Galley Equipment & Spare Parts



2.2.8

Fresh Water Generator Spare Parts

Fire Detection & Corrosion Protection

2.2.1 · Marine Fire Detection Equipment

Control Panels / Repeater Panels

System hub, real-time status display, adaptable to various installation environments. Brands: Consilium, Autronica.

Fire Detectors

Types: Smoke, Heat, Infrared, Dual Infrared. Brands: Consilium, Apollo, Tyco, Autronica, OKI etc.

Manual Call Points

IP67 high protection rating, suitable for harsh marine environments, equipped with LED indicator. Brands: Consilium, Apollo, Tyco, Autronica, OKI etc.

Oil Mist Detectors

Models: Graviner MK6, Graviner MK7, MD-SX etc.

Detector Test Equipment

Models: Testifire 1001, Solo 330, Solo 461, Solo 823, T-229/4P etc.

2.2.2

Marine Corrosion Protection Systems

ICCP Systems

OEM parts for brands such as KC, CATHELCO, etc.

MGPS Systems

Spare parts for brands such as SAACKE JAPAN, etc.

Sacrificial Anodes

Aluminium anodes and Zinc anodes; custom manufacturing available based on drawings.

Custom manufacturing available

Valve Remote Control & Tank Gauging

01

Hydraulic Actuators

02

Limit Switches

03

Solenoid Valves

04

Valves

2.2.4

Tank Gauging & Monitoring Systems

Spare parts including

01 Level Sensors

02 Temperature Sensors

03 Pressure Sensors

04 Level Switches / Float Switches

05 Flow Meters

Marine Motors

SERIES	DESCRIPTION
Y2 Series	Three-phase AC asynchronous motors
Y-H Series	Three-phase marine motors
YZ-H & JZ2-H Series	Three-phase marine crane motors
YB3 Series	Flameproof three-phase motors
YB3-H Series	Flameproof three-phase marine motors
YD Series	Pole-changing multi-speed motors
YEJ Series	Electromagnetic braking motors
YZ & YZR Series	Motors for metallurgical and crane applications
YZTD Series	Three-phase motors for tower cranes

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Motor Series

Customized solutions available with fast delivery and competitive pricing.

Fast delivery

Pump Spares

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Brands supplied

Supply brands and series include but are not limited to:

BRAND	SERIES / MODELS
TAIKO	EMC, EMD, ESC, ESD, TMC, TMV, TMS, VS, VS-S, HHB, HHC, NHG, VG, HNP etc.
NANIWA	FEV, FEWV, FBW, FBWV, FFV, FGV, FVC, BT, BH, BHD, BHR, ALG, HP etc.
SHINKO	SVA, SVB, SVS, RVP, RVX, VJ, HJ, SHO, SVQ, RVD etc.
ISHII	CSB, CDB, 2CMA, 2CMH, PCS, PCSH, PBCSH, PCSL etc.
HEISHIN	RV, RVA, RVD, RDY, VSK, VDK, VK, CY, HK, PVN, WY etc.
TEIKOKU	2VCS, 2VSR, BF, CSM, MSS, TVC, VCB, VCD, TVD etc.
SHIN SHIN	VID, VIB, SVF, SVS, VF, MLO, EHS, EHC, SHC, TSH, MB etc.
ALLWEILER	MA, MI, NISM, NAM, NIM, NB, NI, SPF, SPZ, AEIE etc.
AZCUE	CM, LD, LN, VM, MO, CP, CA, VR, BT etc.
DESMI	NSL, DSL, DL, PVLN, SA, GP, HD etc.
IMO PUMP	ACE025/032/038, ACD025, ACP032/038, ACG045, ACG052 etc.
HAMWORTHY	CGA, CGB, CGD, CGC etc.
IROM	CNL, QVK, QV etc.

Galley Equipment & Fresh Water Generator

Genuine and OEM spares for the galley and fresh water generation on board.



2.2.7

Galley Equipment & Spare Parts

PRODUCT RANGE

Stoves, dishwashers, freezers, galley spare parts, etc.

KEY ADVANTAGE

OEM for LOIPART, WESCO, METOS, MITSUBISHI, SANWA and more. Cost-effective with fast delivery.

2.2.8

Fresh Water Generator Spare Parts

BRANDS

ALFA LAVAL, SASAKURA, APV, HANSUN

SUPPLY

Supply OEM or genuine spares, fully meeting onboard operational needs.

03

Our Advantage Services

Repair, calibration and maintenance services delivered by our experienced technical team.



Service Overview

Five service fields covering cargo & ballast, safety & environment, machinery, communication and automation — kept calibrated and certified.



Cargo, Ballast & Tank Gauging Systems

Valve remote control, cargo & ballast tank level telemetry, temperature and pressure instrumentation, overflow alarm.



Safety, Fire-Fighting & Environmental Systems

Gas detection, inert gas, fire alarm, water mist, OWS / ODME, ICCP, MGPS, incinerator and oil-mist detection.



Mechanical & Condition Monitoring

Rotating machinery vibration measurement & analysis, infrared thermography, marine elevator inspection.



Communication Systems

Public address, auto telephone and sound-powered telephone systems.



Automation, Electrical & Control Systems

HV switchboard & ACB, generator health check, controllers, power metering, alarm monitoring, viscometer.

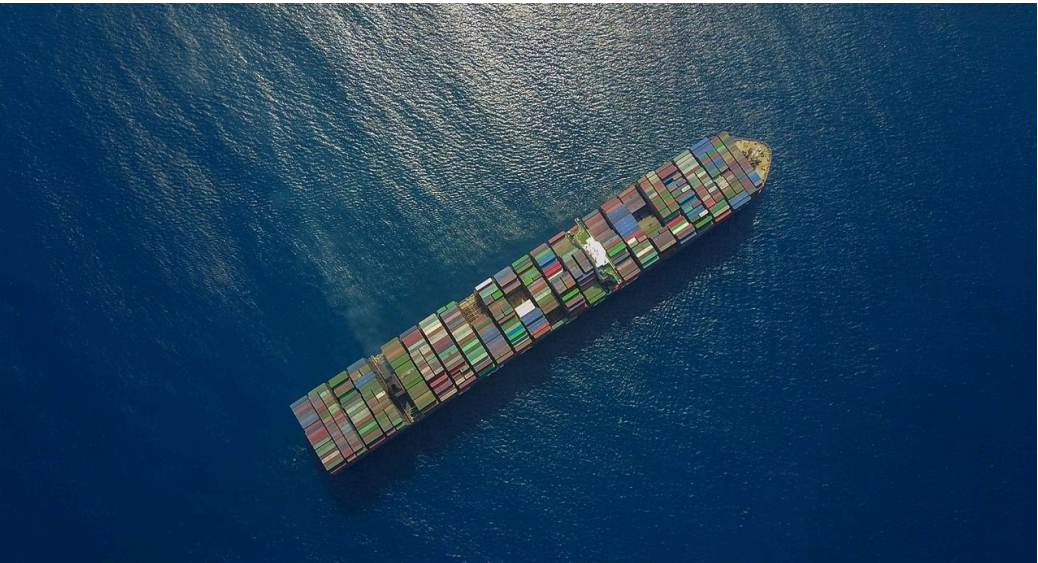
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specialist services
across five fields — one accountable team

Cargo, Ballast and Tank Gauging Systems

6 service lines

From valve remote control to cargo tank level and temperature telemetry — one team for the whole cargo and ballast chain.



- 01

Valve Remote Control System (VRC)
Hydraulic / pneumatic / electric actuators, limit switches, solenoid valves, valve-position feedback and control loops; fault diagnosis, calibration, overhaul and spare-part replacement.
- 02

Ballast Tank Level Telemetry System
Level sensors, transmitters, display units and associated loops; calibration, repair, replacement and periodic verification.
- 03

Cargo Tank Level Telemetry System
Radar, pressure and float-type level gauges, transmitters and display units; calibration, troubleshooting, loop verification and certification.
- 04

Cargo Tank Temperature Monitoring System
PT100 / RTD sensors and temperature transmitters; calibration, maintenance, replacement and loop verification.
- 05

Pump Room Pressure Instrumentation
Pressure gauges and pressure transmitters; calibration, replacement and loop verification.
- 06

Cargo Tank High-High / Overflow Alarm System
High-high level sensors, alarm units and test devices; supply, installation and periodic testing.

Safety, Fire-Fighting & Environmental Systems

Eleven systems kept compliant, calibrated and ready for survey.

**Fixed Gas Detection System**
Detectors, controllers and sampling systems; supply, calibration and periodic testing.

**Inert Gas (IG) System**
IG generator, scrubber, blowers, deck water seal and analyzers; inspection, maintenance, overhaul and calibration.

**Fire Detection and Alarm System**
Fire detectors, manual call points, alarms and test equipment; installation, maintenance and periodic testing.

**Water-Mist Fire-Fighting System**
Inspection, testing and maintenance of water-mist fire suppression.

**Oily-Water Separator 15 ppm Alarm / OWS**
Calibration, certification and maintenance of the 15 ppm bilge alarm / OWS monitor.

**Oil Discharge Monitoring & Control System (ODME)**
Calibration, service and certification of ODME equipment.

**Impressed-Current Cathodic Protection (ICCP)**
ICCP system supply, installation, retrofit and maintenance.

**Marine Growth Prevention System (MGPS)**
MGPS supply and periodic maintenance.

**Incinerator System**
Inspection, maintenance and overhaul of marine incinerators.

**Main-Engine Oil-Mist Detection System**
Supply, calibration and maintenance of main-engine oil-mist detection.

**Portable Gas Detector Calibration / Verification**
Supply, calibration and maintenance of portable gas detectors.

Mechanical Monitoring & Communication

3.4 · Mechanical & Condition Monitoring

01

Rotating Machinery Vibration Measurement & Analysis

On-site vibration measurement and analysis for motors, pumps, fans, turbochargers, generator sets and similar equipment.

02

Infrared Thermography Inspection

Hot-spot detection on electrical distribution boards and control boxes.

03

Marine Elevator Inspection & Maintenance

Annual survey, load testing and repair.

3.5 · Communication Systems

01

Public Address (PA) System

Supply, installation, troubleshooting and periodic testing.

02

Automatic Telephone System

Supply, installation and maintenance of automatic telephone exchanges and handsets.

03

Sound-Powered Telephone System

Installation, overhaul and testing.

Automation, Electrical and Control Systems

7 specialist services

From HV switchboards to fuel viscometers — the electrical and automation backbone of the engine room, kept calibrated and certified.



- 01 High-Voltage Switchboard and ACB**
Testing, maintenance, overhaul, protection-setting verification, thermographic inspection and component replacement.
- 02 Marine Generator Health Check and Maintenance**
Comprehensive health check, dry-ice cleaning and planned maintenance.
- 03 Engine-Room Temperature / Pressure Controllers**
Service and calibration.
- 04 Engine-Room Starter Panel / Motor Starter**
Maintenance and repair.
- 05 kWh / Power Metering System**
Supply, calibration and overhaul.
- 06 Alarm Monitoring System**
Installation, calibration and service for general alarm and monitoring systems; dedicated fire, gas and overflow alarms are listed separately.
- 07 Viscometer**
Repair, calibration and replacement.

Calibrated. Certified. Survey-ready.

From single-loop calibration to full-system overhaul — our technical team keeps every measurement and control chain compliant with maker and class requirements.

01

Calibration & Certification

Cargo, ballast, safety and automation systems calibrated and certified per maker and class requirements.

02

Supply, Installation & Retrofit

Detectors, sensors, panels and complete systems supplied, installed and retrofitted on board.

03

Periodic Testing & Maintenance

Scheduled testing, maintenance and overhaul to keep your vessel survey-ready at all times.

04



Contact Us

Project & Services Division



Let's get your vessel **equipped**.

A one-stop marine equipment & service partner for newbuildings, conversions and vessel operations.

**Marine Equipment
& Services**

**Support Across the
Vessel Lifecycle**

Get in touch

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