

### **COMPANY PROFILE**

Daikai Engineering was established in Singapore in 1992 to provide sales of Diesel engines, spare parts, and repair services in the Asia Pacific region.

Our highly trained engineers are committed to the needs of our customers. We are dedicated to providing professional support to build strong partnerships with our customers during the life cycle of our products and beyond.



### **OUR UNDERTAKINGS**

- Sales of marine / land equipment and spare parts .
- Installation of marine equipment and Diesel power plants.
- Reconditioning, overhauling and repairs of marine / Industrial engines and equipment.

**Mikio Kaneda** Managing Director

## DAIHATSU

Daihatsu Diesel Mfg. Co., Ltd. is the pioneer in the field of Diesel engines for both marine and land applications since 1907.





Installation of Daihatsu Engine 6DK-20 onboard the **v**essel Shaktidoot



Daihatsu Engine 6DE-23



Daihatsu Engine 6DC-32e

### **MARINE APPLICATION**

### **MERCHANTS VESSELS**



MARINE-QUEENIE, ROSE, SELENA & TINA Bunker Tanker, 6DKM-20eF(L) Daihatsu Main engine with Daihatsu gearbox



MV ARUN Bulk Carrier, 6DE-18 Daihatsu Diesel generator



THOR-BREEZE & BRAVE Bulk Carrier, 6DK-20 Daihatsu Diesel generator



TUHAA PAE IV Cargo & Passenger vessel, 6DLM-26 Daihatsu Main engine with gearbox and Kamome FP propeller



AL WATANIAH IV Oil Tanker, 6DKM-36 Daihatsu Main engine & gearbox, 6DK-20 Daihatsu Diesel generator, KAMOME FP Propeller & CP Thruster and SHOYO Performance Monitoring



CHULAN - 1, 2 & 3 Chemical Tankers, 6DKM-36 Daihatsu Main engine, 5DC-17 Daihatsu Diesel generator, Hitachi Nico gearbox and Kamome FP propeller



BHASA SAINIK DR. GOLAM MAWLA Ro-Ro Ferry vessel, 6DEM-18 Daihatsu Main engine and gearbox

### **MERCHANTS VESSELS**



NAUTICA MAHARANI Oil Tanker, 6DKM-36 Daihatsu Main engine with Chongqing gearbox and Kamome FP



POESTELLA, ROTELLA, LILSTELLA & ORCTELLA Asphalt Carrier, Akasaka 6UEC33LSE-C2 Main engine



KAI EI MARU- 8 & 15 Bunker tanker, Akasaka A45SR Main engine





FOUR EMERALD Bulk Carrier, 6DE-18 Daihatsu Diesel generator



DH-ADMIRAL, BLOSSOMING, CONCORD & DILGENCY Chemical Tanker, Akasaka 6UEC33LSE-C2 Main engine



LT-AMBER & BERYL Asphalt Carrier, Akasaka A38S Main engine

KAN WO Asphalt Carrier, Akasaka 6UEC33LSII Main engine

### **MARINE APPLICATION**

### OFFSHORE, WORKBOAT & SPECIALIZED VESSELS



NCA80E series Diesel Electric AHTS, 6DE-23 Daihatsu Diesel generator



PSV-NCP4000E series Diesel Electric PSV, 6DE-23 Daihatsu Diesel generator



TARUA 302, 6DKM-26e Daihatsu Main engine



ICON ATIQAH, 8DCM-32eF Daihatsu Main engine



TARUA 120, 6DKM-20e Daihatsu Main engine



TARUA 303, 6DKM-28e Daihatsu Main engine with Kawasaki Rexpeller



PW BAHAGIA, 6DKM-26e Daihatsu Main engine with Schottel SRP thruster



TARUA 123 Buoy Tender vessel, 6DKM-20e Daihatsu Main engine and gearbox

### **OFFSHORE, WORKBOAT & SPECIALIZED VESSELS**



NTT-BATIK,BERCHAM,BIKAM,BERUAS, BIDOR, 8DKM-28eF(L) Daihatsu Main engine with Kawasaki Rexpeller and Jason FiFi



NTT-LARUT & NTT LUMUT, 6DKM-26e(F)(L) Daihatsu Main engine with Kawasaki Rexpeller and Jason FiFi



NAUTICA TG. PUTERI XVI, 6DKM-20e Daihatsu Main engine with Berg BAT thruster



DEPU OSV, 6DKM-28e Daihatsu Main engine and Kamome CP Propeller



ASENG FPSO, 8DK-20 Daihatsu Diesel generator



FSO UOTE, 6DE-23 Daihatsu Diesel generator



HEUNG WOO FD22000 Floating Dock, 6DE-18 Daihatsu Diesel generator



PW BERGUNIA, 6DKM-26e Daihatsu Main engine with Schottel SRP thruster

### OFFSHORE, WORKBOAT & SPECIALIZED VESSELS



PACIFIC PETREL AHTS, KAMOME CP propeller, CP thruster and K7 rudder



OMS RESOLUTION OSV, KAMOME CP propeller, CP thruster and K7 rudder



SEALINK ASIA 101 AHTS, KAMOME CP thruster and CP Propeller



CASPIAN PROTECTOR AHTS, KAMOME CP thruster and K7 rudder



BADANG DUA BELAS, 6DKM-26e Daihatsu main engine with Schottel SRP thruster



DAYANG OPAL MWB, KAMOME FP thruster



M.T PARIGI Product Oil Tanker , 6DE-18 Daihatsu Diesel generator



239 MEN ACCOMMODATION BARGE, 6DE-18 Daihatsu Diesel generator

### **INDUSTRIAL APPLICATION**





4 x 1.05 MW Containerized Diesel Gensets For BOAC DPP, Marinduque, Philippines





SESCO Limbang Power Station, Malaysia Daihatsu Diesel generator 12DK-32B



Tube Product of India, Daihatsu Diesel generator 12DK-36





BRB Energy Limited, Bangladesh Cable Industry Daihatsu Diesel generator 8DK-36 & 12DK-36

### **INDUSTRIAL APPLICATION**



RENATA LIMITED, Bangladesh Pharmaceuticals Company Daihatsu Diesel generator 6DK-26

NTU MARITIME ENERGY TEST BED, Singapore Daihatsu Diesel generator 6DK-26



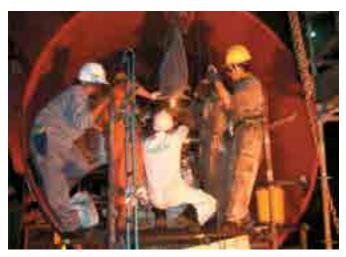
EOS TEXTILE, Bangladesh Daihatsu Diesel generator 6DK-28



We undertake installation, commissioning, repair and trouble-shooting of marine, industrial engines and equipment such as turbo-chargers, deck machinery, pumps and air compressors.



Overhaul of Engines parts at Daikai workshop



Kamome CP propeller installation



Turbo-charger overhauling



Crankshaft overhauling



Our experienced team of engineers, supervisors and technicians are trained by the manufacturers.

### **TRAINING**

We offer training for managers and ship crews in Singapore, India and Dubai, with extensive hands-on training programmes utilizing actual equipment.

We also offer on-site training at the customers' desired location.















# DAIHATSU

Daihatsu Diesel Mfg. Co., Ltd Diesel Engine





- MET Turbo Charger
- Steering Gear
- Deck Crane
- Water Jet





Sales and after sales service for UE Engine





### **AKASAKA Diesels Limited**

**Diesel Engine** 





- Fixed & Controllable Pitch Propeller
- Fixed & Controllable Pitch Thruster
- K7 High Lift & Gate Rudder





### naniwa pump Mfg. Co., Ltd

Centrifugal, Screw and gear pump





- Screw and gear pump
- Gearbox



### MIURA

- Ballast Water Management System G/E
- Exhaust Gas Heat Recovery Unit
- Thermal Oil Heater
- Composite Boiler/Auxiliary Boiler
- Shipboard Incinerator
- Fresh water Generator
- Micro plastic pollution collection system
- Water purifier







**Marine / Industrial Gearbox** 





- Thermo Resistance Bulb
- Pressure Transmitter
- Thermometer
- Speed Relay





- Inclinometer
- Ballast Remote Control System





Gyrostabilizer





### Kanagawa Kiki Kogyo

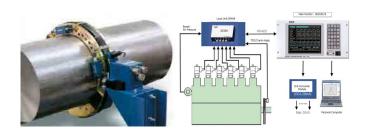
**Strainers & Filters** 





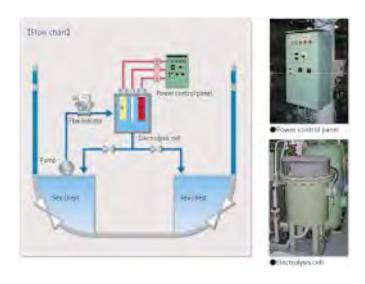
### Heishin Kikai Kogyo

- Bilge SeparatorBilge Alarm unit
- Electric Motor
- Oil Discharge Monitoring and Control System





- Shaft Horsepower Meter
- Combustion Pressure Monitor





**Marine Growth Prevention System** 





After service of Diesel engine on cranes





DAIKIN MR ENGINEERING CO., LTD.

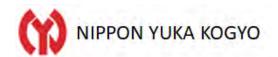
**Marine Air Conditioning System** 





Sales of electrical cables for marine and industrial





- Sales of MGPS for small vessel
- FO/LO/CW additive for marine and chemicals





Special valve maintenance service for LNG carrier





- Scrubber system/ Scrubber pump
- Conti Lashing
- High pressure water jet





- Sewage Treatment Plant
- Oily Water Separator
- 15ppm Bilge Alarm







**Shock Mitigating Seats** 





- Ozone UV complex system water sterilizer
- Lashing belt for Pure Car Carrier





#### **Harwood Marine**

Marine Vessel Builder Shipping & Repair

- Project management & Naval architect
- Winged air induction system
- Facilities in Australia and Philippines

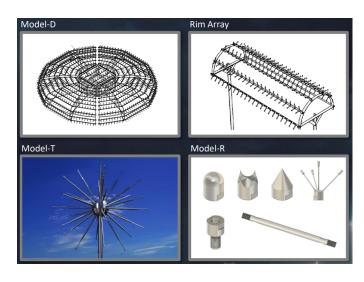




FE-made SOx scrubbers using cyclone technology



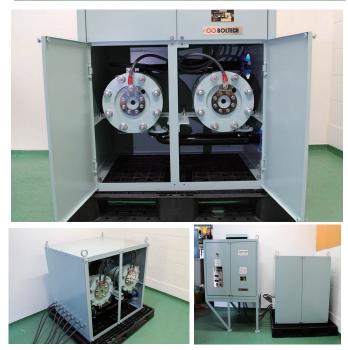
**Scrubber System** 





Advance Lightning Protection System for Residential/Industrial and Marine





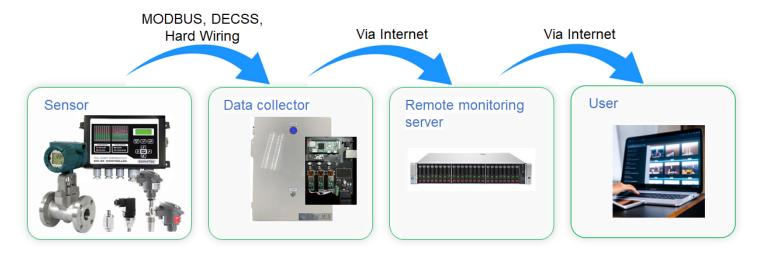


BOLTECH's double spiral water flow "Clorin Attacker"

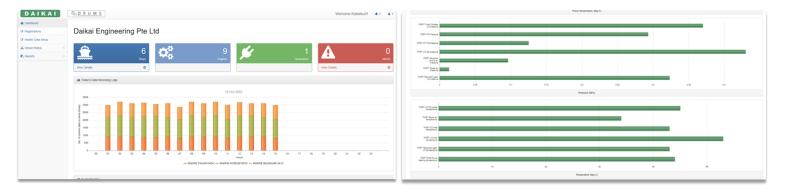
Protects vessels with an easy-to-maintain marine growth prevention device.

# DRUMS Real-Time Remote Monitoring Solution For Marine & Industrial IoT

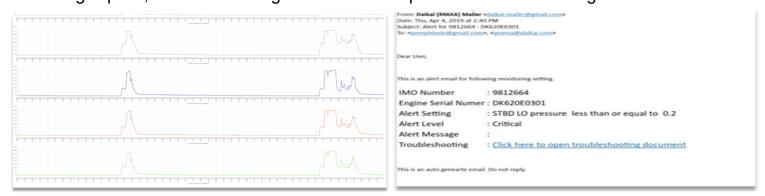
**DRUMS** (**DAIKAI REMOTE UBIQUITOUS MONITORING SYSTEM**) is a data collection system. The collected data can be used to remotely monitor the performance of equipment such as diesel engines.



#### Dashboard with customized display



#### Trending report, alter and auto generated test report for troubleshooting



**DRUMS** offer various benefits such as improved reliability and equipment efficiency at a lower cost. Reduce maintenance costs and downtime by allowing users to identify and address problems before they become more serious.

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