

DAIKAI



DAIKAI ENGINEERING PROFILE

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 and building strong partnerships with our customers throughout the entire life cycle of our products and beyond.



Mikio Kaneda
Managing Director

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.

Daihatsu Infinearth

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



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



Daihatsu Engine 6DE-23



Daihatsu Engine 6DC-32e

MARINE APPLICATION



KMP SHANAYA 120m RoRo Passenger Ferry, Daihatsu Propulsion Engine 6DKM-36e(L) and Daihatsu Generator 6DE-18



TRUONG MINH DREAM 01 65,000 DWT Bulk Carrier, Daihatsu Generator 6DE-18 with SCR system



THOR-BREEZE and BRAVE Bulk Carrier, Daihatsu Generator 6DK-20



TUHAA PAE IV Cargo and Passenger vessel, Daihatsu Propulsion Engine with Gearbox and Kamome FP Propeller



AL WATANIAH IV Oil Tanker, Daihatsu Propulsion Engine 6DKM-36 and Gearbox, Daihatsu Generator 6DK-20 with Kamome FP Propeller, CP Thruster and Shoyo Performance Monitoring System



CHULAN - 1, 2, & 3 Chemical Tanker, Daihatsu Propulsion Engine 6DKM-36, Daihatsu Generator 5DC-17, Hitachi Nico Gearbox and Kamome FP Propeller



BHASA SAINIK DR. GOLAM MAWLA Ro-Ro Ferry vessel, Daihatsu Propulsion Engine 6DEM-18 and Gearbox

MARINE APPLICATION



NAUTICA MAHARANI Oil Tanker, Daihatsu Propulsion Engine 6DKM-36 with Chongqing Gearbox and Kamome FP Propeller



MV ARUN Bulk Carrier, Daihatsu Generator 6DE-18



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



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



KAI EI MARU - 8 and 15 Bunker Tanker, Akasaka Main Engine A45SR



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



KAN WO Asphalt Carrier, Akasaka Main Engine 6UEC33LSIII

MARINE APPLICATION



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



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



TARUA 302, Daihatsu Propulsion Engine 6DKM-26e



GOM 8, Daihatsu Propulsion Engine 8DCM-32eF(L)



TARUA 120, Daihatsu Propulsion Engine 6DKM-20e



TARUA 303, Daihatsu Propulsion Engine 6DKM-28e(F)(L) with Kawasaki Rexpeller



PW BAHAGIA, Daihatsu Propulsion Engine 6DKM-26e with Schottel SRP thruster



TARUA 123 Buoy Tender vessel, Daihatsu Propulsion Engine 6DKM-20e and Gearbox

MARINE APPLICATION



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



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



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



DEPU OSV, Daihatsu Propulsion Engine 6DKM-28e with Kamome CP Propeller



ASENG FPSO, Daihatsu Generator 8DK-20



FSO UOTE, Daihatsu Generator 6DE-23



HEUNG WOO FD22000 Floating Dock, Daihatsu Generator 6DE-18



PW BERGUNIA, Daihatsu Propulsion Engine 6DKM-26e with Schottel SRP thruster

INDUSTRIAL APPLICATION



**NPC BOAC Diesel Power Plant, Marinduque,
Phillipines, 4 x 1.0 MW 8DK-20 Modular
Daihatsu Generator**



**SESCO Limbang New Power Station,
Malaysia, Daihatsu Generator 12DK-32B**



**BRB Energy Limited, Bangladesh, Daihatsu
Generator 8DK-36 & 12DK-36**



**Tube Products of India, Daihatsu
Generator 12DK-36**

INDUSTRIAL APPLICATION



**Renata Limited,
Bangladesh, Daihatsu Generator
6DK-26**



**NTU Maritime Energy Test Bed,
Singapore, Daihatsu Generator
6DK-26e**



**EOS TEXTILE Limited,
Bangladesh, Daihatsu Generator
6DK-28**



SERVICE & REPAIR

We specialize in the installation, commissioning, repair, and troubleshooting of marine and industrial engines and equipment, including turbochargers, deck machinery, pumps, and compressors.



Overhauling of engine parts at the Daikai workshop



Kamome CP propeller installation



Turbo-charger overhauling



Milling machine operation



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



Laser welding of metal compounds and deposition welding for cylinder head and liner reconditioning

TRAINING

We offer comprehensive training programs for managers and ship crews in Singapore, India, Philippines and Dubai. These programs include extensive hands-on sessions using actual equipment.

We also provide on-site training at the customer's preferred location.





Daihatsu Infinearth

- Propulsion Engine
- Generator Engine
- Gearbox
- SCR



Mitsubishi Heavy Industries

- MET Turbo Charger
- Deck Crane



Japan Engine Corporation

- Propulsion Engine



Akasaka Diesels Limited

- Propulsion Engine



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



Kamome Propeller

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



Naniwa Pump

- Centrifugal, Screw and Gear Pump



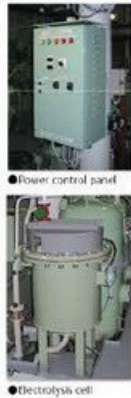
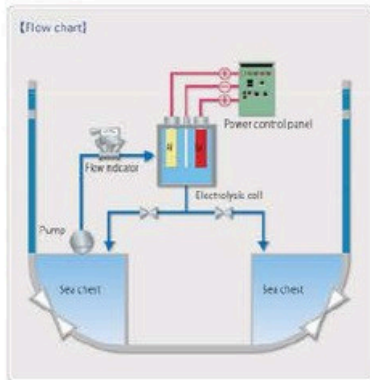
Daikin MR Engineering

- Deck Unit
- Refrigeration Condensing Unit
- Packaged AC and Galley AC



Sanko Engineering

- Screw and Gear Pump
- Gearbox



Kanadevia

- Marine Growth Prevention System



Chongqing Gearbox

- Marine and Industrial Gearbox



Meiyo Electric

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



Utsuki Keiki

- Inclinometer
- Ballast Remote Control System



Heishin Kikai Kogyo

- Bilge Separator
- Bilge Alarm Unit
- Electric Motor
- Oil Discharge Monitoring and Control System



Nagasaki Sempaku Sobi

- Marine Vessel Interior Design



Jonghap

- Ozone UV Complex System Water sterilizer
- Lashing Belt for Pure Car Carrier



Rhino

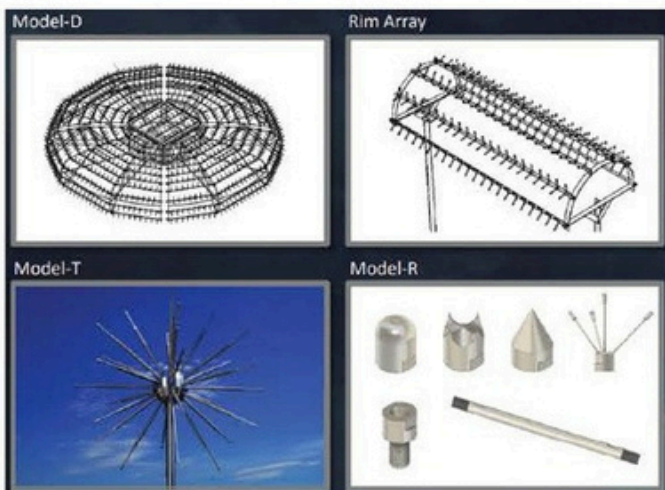
- Marine Crane



FE-made SOx scrubbers using cyclone technology

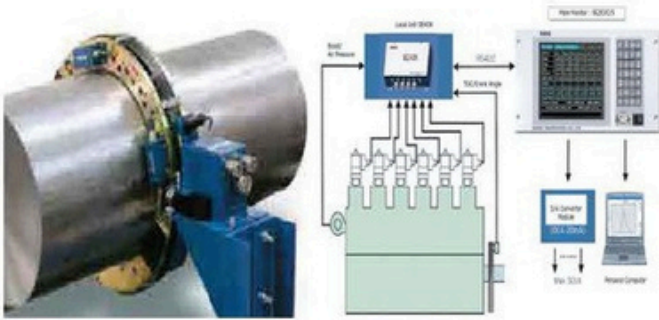
Fuji Electric

- Scrubber System



Critical Facility

- Advance Lightning Protection System for Residential / Industrial and Marine



Shoyo Engineering

- Shaft Horsepower Meter



ContiOcean

- Scrubber System / Scrubber Pump
- Lashing
- High Pressure Water Jet
- FGSS
- Carbon Capture Technology



Hansun

- Sewage Treatment Plant
- Oily Water Separator
- Bilge Alarm
- Reverse Osmosis Water Maker



Nippon Yuka Kogyo

- MGPS
- Chemical FO/LO/CW additives



BRB

- Electrical cables for Marine and Industrial



NBS

- Special valve maintenance service for LNG carrier



Boltech

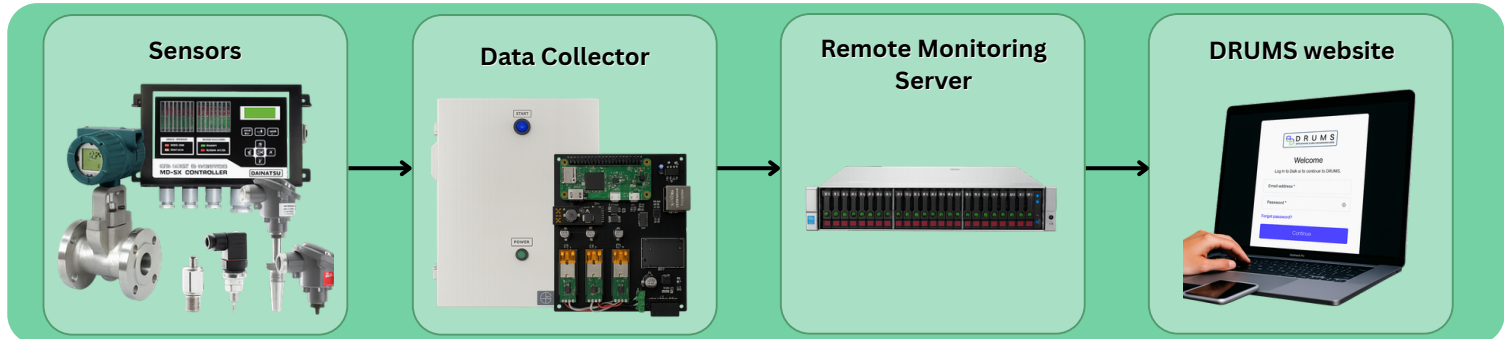
- Double Spiral Water Flow 'Chlorine Attacker'
- Marine growth prevention device

DRUMS

DAIKAI Remote Ubiquitous Monitoring System

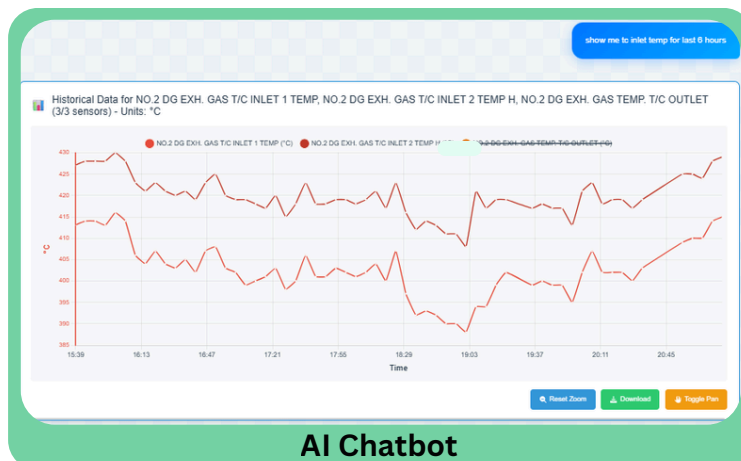
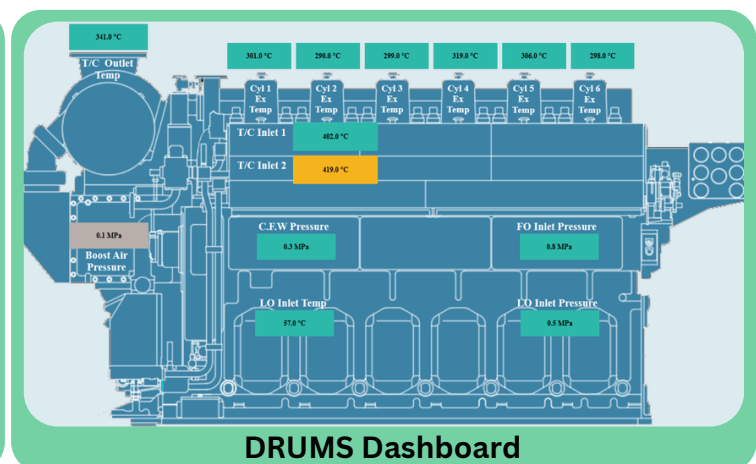
What is DRUMS ?

DRUMS is a remote monitoring solution for marine and industrial equipment, capturing and visualizing real-time performance data.



DRUMS Features

- Real-time monitoring and data visualization
- Secure data transmission to a private cloud for analysis and anomaly detection.
- Email alerts notify users of issues to help prevent damage and downtime.
- View and download data



Critical Alert for Vessel: Marine Charlie Inbox x

DRUMS Alerts <drums@daikai.com> to me ▾

A critical temperature warning has been detected on your vessel.

Vessel Name: Marine Charlie

Serial Number: DK620E0314

Channel Description: PORT Exhaust No.3 Cyl temperature

Value: 820.0

Exceed Timestamp: 2024-11-30 10:04:23 UTC

Alert Emails

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