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DIESEL ENGINE, PROPULSION

Name of Makers	Main Products
Akasaka Diesels Limited	MHI-AKASAKA UE
Daihatsu Diesel Mfg. Co., Ltd.	DAIHATSU
Diesel United, Ltd.	SULZER, PIELSTICK
Hitachi Zosen Corporation.	MAN B&W, SULZER
JFE Engineering Corporation.	PIELSTICK, SULZER
Kawasaki Heavy Industries Ltd.	MAN B&W
Kobe Diesel Co., Ltd.	MHI-KOBE UE
Makita Corporation	MAKITA, MIRSUI-MAN B&W
Mitsubishi Heavy Industries Ltd.	UE, SULZER, M.A.N.
Mitsui Engineering & Shipbuilding Co., Ltd.	MAN B&W
Niigata Power Systems Co., Ltd.	PIELSTICK, NIIGATA
The Hanshin Diesel Works, Ltd.	HANSHIN



Ube Industries Ltd.

MHI-UBE UE, MAK

Yanmar Co., Ltd

YANMAR



DIESEL ENGINE, AUXILIARY

Name of Makers	Main Products
Daihatsu Diesel Mfg. Co., Ltd.	DAIHATSU
Hitachi Zosen Corporation	B&W, WALTILA
Kubota Ltd.	
KUBOTA	
Mitsubishi Heavy Industries Ltd.	SH, DAIYA
Mitsui Deutz Diesel Engine Co., Ltd	mitsui-DEUTZ
Niigata Power Systems Co., Ltd.	NIIGATA
Yanmar Co., Ltd.	YANMAR

STEAM TURBINE, PROPULSION/AUXILIARY

Name of Makers	Main Products
Kawasaki Heavy Industries Ltd.	PROPULSION
Mitsubishi Heavy Industries, Ltd.	PROPULSION/AUXILIARY
Naniwa Pump Mfg. Co., Ltd.	AUXILIARY
Shinko Ind. Ltd.	AUXILIARY



BOILER/ECONOMIZER/SOOTBLOWER

Name of Makers	Main Products
Aalborg Industries K.K.	MAIN, AUXILIARY, HOT WATER, BURNER, SOOTBLOWER, ECONOMIZER, INCINERATOR, IGG, IGS
Hitachi Zosen Corporation	MAIN, AUXILIARY, ECONOMIZER, INCINERATOR
Ishikawajima-Harima Heavy Industries Co., Ltd.	MAIN, AUXILIARY, ECONOMIZER
Kawasaki Heavy Industries Ltd.	MAIN, AUXILIARY, ECONOMIZER
Kikan Buhin Seizosho Co., Ltd.	SOOTBLOWER
Mitsubishi Heavy Industries, Ltd.	MAIN, AUXILIARY, BURNER, SOOTBLOWER, ECONOMIZER
Mitsui & Engineering Shipbuilding Co., Ltd.	MAIN, AUXILIARY, ECONOMIZER
Miura Protec Co., Ltd.	MAIN, AUXILIARY, HOT WATER, BURNER, ECONOMIZER, INCINERATOR
Osaka Boiler Mfg. Co., Ltd.	MAIN, AUXILIARY, BURNER, ECONOMIZER
Sasebo Heavy Industries Co., Ltd.	MAIN, AUXILIARY
Seo Koatsu Kogyo Co., Ltd.	ECONOMIZER
Takuma Engineering Co., Ltd.	AUXILIARY, ECONOMIZER
Tortoise Engineering Co., Ltd.	MAIN, AUXILIARY, HOT WATER BURNER



BURNER/INCINERATOR/BLOWER

Name of Makers	Main Products
Nishishiba Electric Co., Ltd.	BLOWER
Nissin Refrigeration & Engineering Ltd.	INCINERATOR
Onishi Electric Industry Ltd.	BLOWER
Osaka Blower Mfg, Co., Ltd.	BLOWER
Osaka Zoki Valve Ind, Co., Ltd.	SOOTBLOWER, SAFETY VALVE, LEVEL GAUGE
Saacke Japan Tratec Ltd.	BURNER
Sawada Seisakusho Co., Ltd.	LEVEL GAUGE
Shinko Shoji Co., Ltd.	BURNER
Shonan Kosakusho Co., Ltd.	SMOKE INDICATOR
Sunflame Co., Ltd.	BURNER, INCINERATOR
Taiyo Electric Co., Ltd.	BLOWER
Volcano Co., Ltd.	BURNER, INCINERATOR



TURBOCHARGER (SUPERCHARGER), DIESEL ENGINE

Name of Makers	Main Products
IHI	RH
Kawasaki Heavy Industries Ltd.	M.A.N.
Mitsubishi Heavy Industries, Ltd.	M.E.T., M.A.N., SULZER
Mitsui Engineering & Shipbuilding Co.,Ltd.	M.A.N.
Niigata Power Systems Co., Ltd.	NHP, MS, NAPIER
Turbo Systems United, Ltd.	VTR

COMPRESSOR

Name of Makers	Main Products
IHI	AIR
Kobe Steel Ltd.(Kobelco)	AIR
Matsubara Iron Works Ltd.	AIR
Suction Gas Engine Mfg. Co., Ltd.	AIR
Tanabe Pneumatic Machinery Co., Ltd.	AIR
Teikoku Machinery Works Ltd.	AIR
Yanmar Co., Ltd.	AIR



PUMP

Name of Makers	Main Products
Daiichi Mfg. Co., Ltd.	Emergency Fire Pump
Daito Pump Kogyo Co., Ltd.	Ballast, Bilge, Boiler Water-Circulating, Centrifugal, Emergency Fire Fresh Water, Gear, Hydraulic, Reciprocating, Sanitary, Tank Cleaning
Ebara Manufacturing Co., Ltd.	Ballast, Fire, General Service, Cooling Sea Water
Fujita Seisakusho K.K.	Centrifugal, Reciplocating
Heishin Engineering & Equipment Co.,Ltd.	Screw
Heishin Pump Works Co., Ltd.	Ballast, Bilge, Boiler Feed, Boiler Water-Circulating, Centrifugal, Emergency Fire, Feed Water, Fresh Water, Gear, Hydraulic, Lubricating Oil, Reciprocating, Sanitary, Screw Sewage, Sludge, Stripping, Tank Cleaning
Ishii Machinery Works Co., Ltd.	Cargo, Ballast, Bilge, Boiler Feed, Boiler Water-Circulating, Centrifugal, Emergency Fire, Feed Water, Fresh Water, Gear, Hydraulic, Lubricating Oil, Reciprocating, Sanitary, Sewage, Sludge, Stripping



Ishikura Pump Mfg. Co., Ltd.

Ballast, Bilge, Centrifugal,
Emergency Fire, Lubricating

Kawasaki Heavy Industries Ltd.

Screw

Kosaka Laboratory Ltd.

Screw, Cargo

Mitsubishi Heavy Industries Ltd.

Cargo, Ballast, Centrifugal, Feed water,
Fresh Water

Naniwa Pump Mfg. Co., Ltd.

Cargo, Ballast, Bilge, Boiler Feed, Boiler Water, -
Circulating, Centrifugal, Deep Well Emergency
Fire,
Feed Water, Fresh Water, Gear, Hydraulic,
Lubricating Oil, Reciprocating, Sanitary,
Screw, Sewage, Sludge,
Stripping, Tank Cleaning, Vacuum



PUMP

Name of Makers	Main Products
Niigata Worthington Co., Ltd.	WORTHINGTON
Oyalox Co., Ltd.	Chemical Proportional
Riken Kiki Co., Ltd.	In General
Sanshin Electric Corporation	Centrifugal, Gear
Shimazu Corporation Ltd.	Shimacloid Gear, Lubricating Oil
Shin Nippon Machinery Co., Ltd.	Water Service, Feed (Air Ejector)
Shinko Ind. Ltd.	Cargo, Ballast, Bilge, Boiler Feed, Boiler Water,- Circulating, Centrifugal, Deep Well Emergency Fire, Feed Water, Fresh Water, Gear, Hydraulic, LPG, LNG, Lubricating Oil, Reciprocating, Sanitary, Screw, Sewage, Sludge, Stripping, Tank Cleaning, Vacuum
Taiko Kikai Industries Ltd.	Cargo, Ballast, Bilge, Boiler Feed, Boiler Water,- Circulating, Centrifugal, Deep Well Emergency Fire, Feed Water, Fresh Water, Gear, Hydraulic, Lubricating, Oil, Reciprocating, Sanitary, Screw, Sewage, Sludge



Teikoku Machinery Works, Ltd.

Ballast, Bilge, Boiler Feed, Boiler Water,-
Circulating,
Centrifugal, Deep Well Emergency Fire, Feed
Water,
Fresh Water, Hydraulic, LPG, Lubricating
Oil, Reciprocating, Sanitary, Screw, Sewage,
Stripping, Tank Cleaning, Vacuum

Torishima Pump Mfg. Co., Ltd.

TORISHIMA-KSB

Yamashina Seiki Co., Ltd.

Grease



VALVE

Name of Makers	Main Products
Fukui Seisakusho K.K.	Safety, JIS
Hisaka Iron Woks, Ltd.	API
Japan Steels Corporation	Martin Hi-Jet
Kishigami Valbe Co., Ltd.	Bronze, Check, Gate, Glove
Kitazawa Valve	KITZ
Konan Denki Co., Ltd.	Pneumatic
Solenoid	
Matsui Corporation	Hydraulic
Mitsumoto Valve Mfg, Co., Ltd.	Bellow, Bronze, Butterfly, Cast Iron, Cast Steel, Forged Steel, Check, Cryogenic, Gate, Globe, High Pressure, Hydraulic, Motor Operated, Pneumatic Operated, Regulating
Motoyama Seisakusho Co., Ltd.	Valve
Nakakita Seisakusho Co., Ltd.	Butterfly, Electromagnetic, Motor Operated, Reducing, Regulating, Safety
Niikura Kogyo Co., Ltd.	Breather, Cast Iron, Cast Steel, Forged Steel, High velocity Venting, Storm
Osaka Valve Co., Ltd.(OSAV)	JIS, High Pressure, Butterfly



Osaka Zoki Valve Ind. Co., Ltd.

JIS

Sankyo Seisakusho Co., Ltd.

Solenoid



VALVE

Name of Makers	Main Products
Sakura Engineering Co., Ltd.	Cryogenic
Sumitomo Precision Co., Ltd.	Sumitomo Lockhead Control
Takazawa Mfg. Co., Ltd.	Ball, Glove
Toa Valve Co., Ltd.	High Pressure, Temperature, Safety
Tomoe Valve Co., Ltd.	Butterfly
Uchiyama Mfg. Co., Ltd.	Bronze, JIS
Venn Valve Co., Ltd.	JIS, Temperature, Solenoid, Regulating
Yamatake Co., Ltd.	Regulating



PURIFIER/SEPARATOR/CLEANING MACHINE

Name of Makers	Main Products
Heishin Pump Works Co., Ltd.	Oily Water Separator
Heishin Engineering & Equipment Co., Ltd.	Sewage Treatment
Kanagawa Kiki Kogyo Co., Ltd.	Filter, Strainer
Mitsubishi Kakoki Kaisha Ltd.	SELF-EJECTOR Separator, Oil Purifier
Mizuno Strainer Co., Ltd.	Strainer
Alfa Laval K.K. Kapan	DE-LAVAL, ALFA-LAVAL (MB, VIB, MAPX)
Nihon SRS Inc.	Bilge Separator
Niikura Kogyo Co., Ltd. Machine	HY-OTAC Tank Cleaning
Sasakura Engineering Co., Ltd.	De-Oiler, Oily Water Separator (ATLAS), Sewage Treatment Plant (SEAWAY)
Tomoe Engineering Co., Ltd.	SHARPLESS Oil Purifier, Super Dehydrators, Tank Cleaning Machine (DASIC)



Taiko Kikai Industries Co., Ltd.

Sewage Treatment, Bilge Separator

Exeno Yamamizu Corp.

Kappa Tank Cleaning Machine.



COOLER/HEATER/REFRIGERATOR

Name of Makers	Main Products
Daikin Kogyo Co., Ltd.	Air Condition & Refrigerating Equipment, Water Cooler, Window Type Air Conditioners
Aalborg Industries K.K.	Air/Oil Heater (HOWDEN)
Kawasaki Heavy Industries Ltd.	GEA Air Cooler
Misuzu Machinery Co., Ltd.	Automatic Refrigerating Type Compressed Air Dehydrating Unit (MOILESS). Full Automatic Sea-Water Cooling Type Compressed Air Dehydrator (DEMOIS)
Mitsui Zosen Machinery Service (Takatori Mfg)	ROTASCO Compressor
Showa Namirei Co., Ltd. (Naniwa Reitoki Kogyo, Inc.)	Cooler, Refrigerator
Danfoss(Japan)Mfg. Co., Ltd.	Refrigerator, Air Conditioner, Heater (DANFOSS)
Nippon Controls Co., Ltd.	Washing Machine, Water Cooler
York Japan Co., Ltd (Nippon Sabroe)	DENMARK-SABROE Refrigerator, Instrumental



High Press Air Conditioner,
Refrigerator for Cargo Hold



COOLER/HEATER/REFRIGERATOR

Name of Makers	Main Products
Nissin Refrigeration & Engineering Ltd.	Air Conditioner (ALL-IN-ONE), Heat Exchanger
Osaka Blower Mfg. Co., Ltd.	Forced Draft Blower Ventilator
Osaka Dennetsu Kogyo K.K.	Heater, Panel
Sasakura Engineering Co., Ltd.	Heater, Air Cooled Heat Exchanger, Seawater Distilling Unit (ATLAS, OASIS)
Seo Koatsu Kogyo Co., Ltd.	HISET-Plate Cooler, Heat Exchanger, Air Cooler
Shin Nippon Machinery Co., Ltd.	Heat Exchanger. Tanks
Toyo Carrier Engineering Co., Ltd.	Air Conditioner (CARRIER) Refrigerator
Suction Gas Engine Mfg. Co., Ltd.	Air Cooler for Diesel Super Charger (B & W, SULZER, MAN, Mitsubishi UE)
Toyo Engineering Works Ltd.	Air Conditioner, Refrigerator (Nihon Reizo, Mitsubishi)
Yamashina Seiki Co., Ltd.	Heat Exchanger



HATCH COVER

Name of Makers	Main Products
Ainoura Kikai (Tsuji Heavy Industries Co., Ltd.)	Tsuji Hatch Cover
MacGregor-Kayaba, Ltd.	Hydrautorque Hinges, MACGREGOR/KAYABA-NAVIRE Hatch Cover
Mitsubishi Heavy Industry	Hatch Cover
Nakata Mac Corporation K.K.	Hatch Cover
Yutani Heavy Industries Co., Ltd.	Hatch Cover



ELECTRICAL GOODS (MOTOR, REGULATOR,
GENERATOR, SWITCHBOARD)

Name of Makers	Main Products
Fuji Electric Co., Ltd.	Heavy Current Equipment, Voltage Regulators, Switchboard, Rotary Condenser, Circuit Breaker, Generator, Transformer, Starter
Furukawa Denki K.K.	Marine Battery
JRCS Co., Ltd.	Switchboard, Control Console, Starter Panel, Data Logger
Kokosha Co., Ltd.	Marine Lighting Equipment, Marine Window
Konan Electric Co., Ltd.	Ampere Meter
Kuwahata Denki K.K.	Starter, Switchboard, Distribution Board, Panel
Meidensha Electric Mfg. Co., Ltd.	Generator, Motor, Regulator Transformer
Mitsubishi Electric Corporation	Generator, Motor, Transformer
Morio Denki Co., Ltd.	Lamp, Tube



N.Z.K. Co., Ltd.

(Ex. Nihon Zosen Kikai Co., Ltd.)
System

NZK Engine Remote Control

Nippon Battery Co., Ltd.

Marine Battery (GS)

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ELECTRICAL GOODS (MOTOR, REGULATOR,
GENERATOR, SWITCHBOARD)

Name of Makers	Main Products
Nishishiba Denki K.K.	Generator, Motor, Switching Apparatus
Ohnishi Electric Co., Ltd.	Generator, Motor
Okui Electric Co., Ltd.	Transformer
Rikadenki Kogyo Co., Ltd.	Zero Scan System, Engine Control Panel, Alarm Indicating and Steering Panel
Saginomiya Seisakusho	Control Switch, Bellows
Sanshin Senpaku Dengu K.K.	Lighting Apparatus
Shinko Electric Co., Ltd.	Generator, Motor
Shonan Kosakusho K.K.	Projector
Sohdensha Electronics Ltd.	Switchboard, Level/Pressure Switch Electric Devices Instrument, Engine Control Panel
Taiyo Electric Mfg. Co., Ltd. Switchboard, Electric Winch	Generator, Motor,
Tamagawa Seiki Co., Ltd.	Motor
Tateishi Electric Co., Ltd.	OMRON Relay, Switch
Togami Electric Co., Ltd.	Magnetic Switch, Breaker



ELECTRICAL GOODS (MOTOR, REGULATOR,
GENERATOR, SWITCHBOARD)

Name of Makers	Main Products
Tokyo Shibaura Electric Co., Ltd.(TOSHIBA)	Switchboard, Air Circuit Breaker (AL, BF), High Voltage Vacuum Switch
Terasaki Electric Co., Ltd.	Switchboard, Circuit Breaker, Transistor Switch
Utsunomiya Electric Mfg. Co., Ltd.	CELLO-LITE Fuse
Woodward Governor Co., Ltd.	Governor
Yuasa Battery Co., Ltd.	Marine Battery, AC/DC Converter & Inverter



CRANE/WINDLASS/WINCH/GRAB/GEAR

Name of Makers	Main Products
Ainoura Kikai(Tsuji Heavy Industries Co., Ltd.)	Windlass, Gate Winch, Crane
Fukushima Ltd.	FUKUSHIMA Winch, (THYRIC-WINCH) Windlass, Grab, Crane
Ishikawajima-Harima Heavy Industries Co., Ltd.	IHI Crane, Hydrowinch
Japan Steel Works Ltd. (HAGGLUND)	Crane, Winch, Windlass
Kawasaki Heavy Industries Ltd.	Winch, Hydraulic Deck Machinery (KBC-V Type)
Kitagawa Iron Works Co., Ltd.	Steam Winch, Capstan, Windlass,
Kubota Ltd.	Winch, Windlass, Crane
MacGregor-Kayaba, Ltd.	Derrick, Steering Gear
Marol K.K. (MAROL)	Remote Control System
Mitsubishi Heavy Industries. Ltd.	Winch, Steering Gear (JANNEY Type) (AEG) Side



Thruster (KAMEWA)

Mitsui Engineering & Co., Ltd.
Shipbuilding

A.E.G. Steering Gear (DC.C)
PACECO Gantry Crane

Nippon Ican Ltd.

Provision Crane



CRANE/WINDLASS/WINCH/GRAB/GEAR

Name of Makers	Main Products
Nippon Pusnes Co., Ltd.	Windlass/Winch/Hose Handing Crane
Nittan Valve Co., Ltd.	High-Precision Forged Gears NITTAN-BLW Gear
Osaka Chain & Machinery Co., Ltd.	Reduction Gear
Sekigahara Seisakusho	Winch, Engine Room Crane
Shinko Electric Co., Ltd.	Cargo Winch, Electro-Magnetic Clutch & Brake, Switch Gear, Lifting Magnet
Tobu Jukogyo Co., Ltd.	Grabs Buckets
Tokyo Kikai Service Co., Ltd.	Cargo Winch, Windlass Capstan, Crane, Steering Gear
Yoshida Denki Kogyo K.K.	Windlass Starter Lamp, Transformer
Yutani Heavy Industries Ltd.	Steam Winch, Windlass
Yutani Iron Works Co., Ltd.	Air Motor Mucking Winch



WIRE/ROPE

Name of Makers	Main Products
Naigai Rope Mfg., Co.,	Synthetic Fibre Rope, Manila Rope, Steel Wire Rope
Shinko Wire Co., Ltd.	Steel Wire Rope, Stainless Wire Rope Wire & P.V.C. Manila Hemp & Synthetic Fibre Rope



ANCHOR/CHAIN/CABLE/SHACKLE

Name of Makers	Main Products
Fujikura Cable Works, Ltd.	Cable
Hamanaka Chain Mfg. Co., Ltd.	Anchor, Chain, Shackle
Hien Electric Industries, Ltd.	Cable
Japan Mechanical Chain Co., Ltd.	Anchor, Cable, Shackle
Nippon Chain & Anchor Co., Ltd.	Anchor, Cable
Osaka Chain & Machinery Mfg. Co., Ltd.	Coupling. Chains
Tatsuta Electric Wire & Cable Co., Ltd.	Cable
Tsubakimoto Chain Mfg., Co., Ltd.	A.S.A Standard Roller Chains, Speckets, Chain Flexible Coupling, Chain Motors, Chain Reducers, Conveyor Chains



PROPELLER/TAILSHAFT

Name of Makers	Main Products
Hanshin Diesel Works Ltd.	HANSHIN Controllable Pitch Propeller
Heiwa Seisakusho Co., Ltd.	Tailshaft, Stern Tube
Kamome Propeller Co., Ltd.	Pitch Propeller, Side Thrusters
Kawasaki Heavy Industries Ltd.	Tailshaft, Controllable Pitch Propeller
Kobe Steel Ltd.(Kobelco)	Propeller, Tailshaft
Mitsubishi Heavy Industries, Ltd.	Controllable Pitch Propeller
Nakashima Propeller Co., Ltd.	Propeller, Tailshaft



LIFE BOAT/LIFE RAFT/DAVIT/
ACCOMMODATION LADDER

Name of Makers	Main Products
Ainoura Kikai (Tsuji Heavy Industries Co., Ltd.)	Life Boat Davit, Winch
Chuo Kogyo Co., Ltd.	Pilot Hoist Ladder
Techno Alfa Co., Ltd.	VIKING Life Boat SCHAT Boat Davit
Fujikura Rubber Works Ltd.	Life Raft
Hakodate Dock Co., Ltd.	HL-FRP Life Boat
Japan Air Motor	Ladder Motor
Japan Radio Co., Ltd.	Portable Life Boat Radio Equipment
Marinair Liferaft Servicing Ltd.	Life Jacket, Liferaft
Mitsubishi Electric Co., Ltd.	Liferaft
Sanwa Iron Works Co., Ltd.	Accommodation Ladder, Life Boat Davit, Bollard, Panama Chocks
Shigi Shipbuilding Co., Ltd.	Life Boat
Yutani Iron Works Co., Ltd.	Air Motor for Life Boat



DECK/HULL FITTINGS AND TOOLS/ACCESSORIES

Name of Makers	Main Products
Dainichi Kinzoku Kogyo K.K.	Lathe Machine, Grinding Machine
Fuji Air Tools Co., Ltd.	Fuji Impact Wrench
Koito Industries, Ltd.	Search Light (SGS)
Mitsubishi Electric Co., Ltd.	Drill Hammer, Grinder
Nakagawa Corrosion Protecting Co., Ltd. (NAKABOH TECH)	Zinc Anode, Zinc Protection, Cathodic Protection,
Nippon Accumulator Co., Ltd.	Accumulator
Nippon Corrosion Engineering Co., Ltd.	Zinc Anode, Zinc Protection, Cathodic Protection,
Nittan Co., Ltd.	Fire-Fighting Equipment
Nitto Kohki Co., Ltd.	Pneumatic Tool
Okuda Sogabe Co., Ltd. Machine	Flexible Shafts/Tubes,
Riken Kiki Co., Ltd.	Ram Cylinder Interface Detector
Sanwa Iron Works Co., Ltd.	Panama Chock



Taiyo Seiki Iron Works

Container Lashing/Material

Uryu Seisakusho Co., Ltd.

Air Tool

Yamato Fire Extinguisher Co.,
Ltd.

Fire Extinguisher



DECK/HULL FITTINGS AND TOOLS/ACCESSORIES

Name of Makers	Main Products
Yutani Iron Works Co., Ltd.	Pneumatic Tools, Air Tools (Drill, Hammer, Grinder, Sander, Impact Wrench)



NAVIGATIONAL EQUIPMENT

Name of Makers	Main Products
Anritsu Electric Co., Ltd.	Radio/Radar Equipments (FAX)
Ibuki Kogyo Co., Ltd.	Air/Steam/Magnetic Horn
Japan Radio Co., Ltd.	JRC, STANDARD Radar, Radio, LORAN Receiver, Facsimile Recorder, Testing & Measuring Equipment, Fish Finder, SSB/VHF Radio Telephone
Nabtesco Corporation (Nabco)	Main Engine Remote Control System
Nippon Sento Co., Ltd.	Navigation Light
Nunotani Nautical Instrument Mfg., Co., Ltd.	Clear View Screen, Data Logger
Oki Electric Industry Co., Ltd.	Telephone, Radio
Senpaku Shoji K.K.	Lamp, Receptacle, Relay
Shonan Kosakusho Co., Ltd.	Signal Light, Search Light
Tokyo Keiki Co., Ltd.	SPERRY Gyro/Radar, Data Logger, Engine Remote Control System, Cargo Oil Control System, Gyro Fin



Stabilizer, Extinguisher



NAVIGATIONAL EQUIPMENT

Name of Makers	Main Products
Tsujido Seisakusho	Tachometer
Yamatake-Honeywell Co., Ltd. UL, CSA, CHC)	Electronic Instrument, Data Logger, Micro Switch (JIS
Yokogawa Denshi Kiki Co., Ltd. (Ex. Yokogawa Navitec Corp.)	PLATH Direction Finder, Automation Equipments for Ship's Gyrocompass, Data Logger



INSTRUMENTS

Name of Makers	Main Products
Bunka Boeki Co., Ltd.	Water Level Gauge (OBK)
Hyoda Gauge Mfg. Co., Ltd.	Pressure Gauge
Kansai Automation Co., Ltd.	Press Temp Switch
Kuramoto Instrument Mfg. Co., Ltd.	Gauge, Tachometer
Kobata Gauge Mfg. Co., Ltd.	Thermometer
Meiyo Electric Co., Ltd.	Press Tempr Switch
Musashino Engineering Works Ltd.	Level Gauge
Nagano Keiki Co., Ltd.	Pressure Gauge, Thermometer
Nippon Klingage Co., Ltd.	Level Gauge
Nakakita Seisakusho Co., Ltd.	Press Tempr Switch
Osaka Zoki Co., Ltd.	Level Gauge
Oval Engineering Co., Ltd.	Flow Meter
Rikadenki Kogyo Co., Ltd.	Thermometer, Gauge



Saginomiya Seisakusho Ltd.

Press Tempr Switch

Tokico Co., Ltd.

Flow Meter

Tokyo Keiso Co., Ltd.

Floating Gauge

Venn Valve Co., Ltd.

Press Tempr Switch

Yamatake-Honeywell Co., Ltd.

Level Gauge/Pressure



GENERAL/STEWARD GOODS

Name of Makers	Main Products
Fuji Chubo Co., Ltd. (Fuji Mac)	Galley Equipment
Kokosha Co., Ltd.	Window, Lighting Apparatus
Mitsuboshi Chuki Mfg Co., Ltd.	Galley Equipment
Morio Denki Co., Ltd.	Lamp, Switch, Alarm/Dimmer Switch, Indicator
Schindler Elevator Co., Ltd.	Elevator, Lift
Nippon Controls Co., Ltd.	Refrigerator, Water Cooler
Oshima Hardware Co., Ltd. (Toyo Shutter)	General Hardware, Lock, Key
Showa Shokki K.K. China	General Hardware, Crockery,
Sanwa Churi Kogyo K.K.	Galley Equipment
Toto Kiki Co., Ltd.	Toilet/Shower Goods (TOTO)
Washio Churi Kogyo K.K.	Galley Equipment



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