

DMA Marine

August, 2021
Shanghai



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01

PART 1

Company Profile

Dan Marine Group

DMA Marine

- Manufacturing
- HVAC & R.
- MGO Cooling Sys.
- Ventilation Fans
- Galley & Laundry Equipment



Dan Marine (Far East)

- Equipment Agency
- Representing reputable World wide Marine Machinery & Equipment



Dan Marine Shanghai

- Equipment & Spares parts
- Store & Provisions
- Initial store supply for newbuilding vessels



DM Tech. Service

- General Ship Repair
- Turbo Maintenance
- BWTS & scrubbers, retrofitting EPIC
- M/E & A/E Overhaul





History

DMA HVAC Since 2003



Establishment of DM manufacturing OEM HVAC systems for reputable HVAC makers.

2003

DM developed our own system R&D, and commenced our own branding of DMA.

2008

Dan Marine Group invested DMA Shanghai factory to strengthen support DMA's fast-growing business.

2014

Dan Marine Group further invested a production facility in Nantong, DMA Nantong Ltd.

2017

Setup JV company (DM Alscott Marine Offshore HVAC Ltd) between DM and Alscott Air Systems Ltd. targeting at Sales Development for the offshore market.

2009

2019

Alscott Air Systems sold Dan Marine their 50% shares of the JV company. Dan Marine is the sole owner of DM Alscott Marine Offshore HVAC Ltd.

2020

DMA HVAC deliveries for commercial ships & offshore projects exceeded 3,000 ship sets.





Company Profile



DMA HVAC

- Since 2003
- 3000+ installed Marine HVAC&R System
- Shanghai factory & Nantong factory
- Offices: China(Shanghai, Dalian, Nantong, Qingdao, Tianjin, Wuhan, Fuzhou, Guangzhou, HK and Taiwan), Korea, USA, Greece, Singapore
- Employees: 229
- Group turnover: USD 110 Million in 2019
- ISO9001:2015 & ISO 14000:2015



Company Profile



Shanghai factory

- Manufacturing factory area (20982m²)
- Address: 180# Gangying Rd, Pudong



Nantong factory

- Manufacturing factory area(34862m²)
- Address: 628# west Jinqiao Rd, Nantong

02

PART 2

Product range



Product catalog

Marine

Offshore

Cruise & Ferries

Heating

Ventilation

Air Conditioning

Refrigeration

Galley Equipment

Laundry Equipment



Marine Air Conditioning System



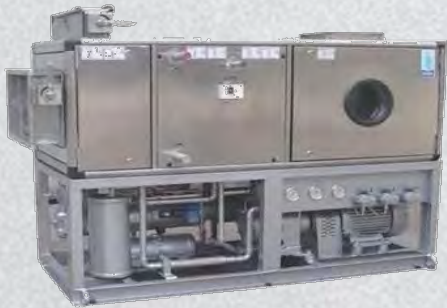
Water Cooled Condensing Unit



Air Cooled Condensing Unit



Air Handling Unit



Water Cooled Deck Unit



Air Cooled Rooftop Unit



Water Cooled Chiller Unit



Marine Air Conditioning System



Water Cooled
Packaged Air Conditioner



Air Cooled PAC Outdoor
Unit



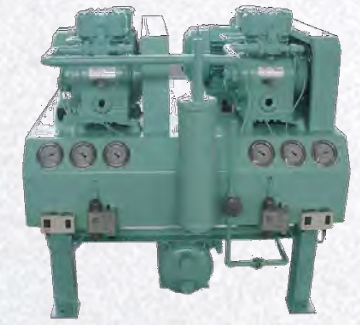
Cabin Unit



Control Panel
PLC or Relay Control



Marine Ref. Provision Plant



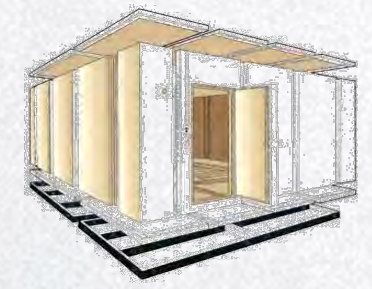
Water Cooled
Provision Refrigeration Plant



Air Cooled
Provision Refrigeration Plant



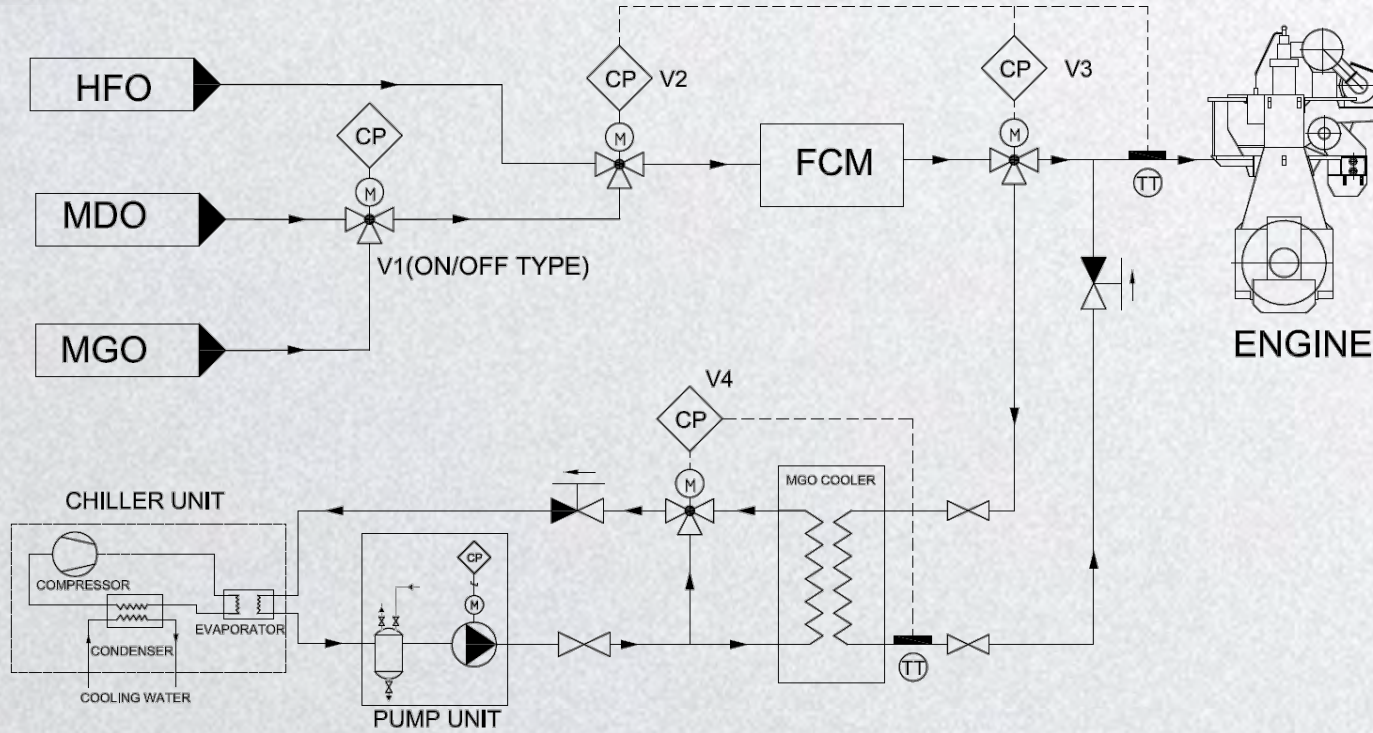
Air Cooler



Prefabricated Cold Store



MGO Cooling System

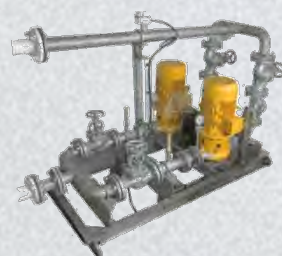


DMA MGO / MDO Cooling System offers Water Cooled Chiller System, Fresh Water Cooler System and Sea Water Cooler System

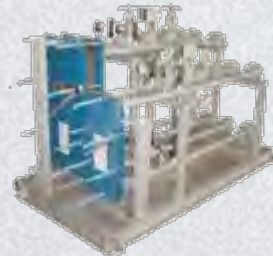
- Major components of European brand
- Applicable to both new buildings and retrofitting
- Highly experienced in retrofitting projects
- Installation reference in excess of 300 systems
- Easy system operation / maintenance
- Safe & steady low load operation



Chiller Unit



Pump Unit



MGO Cooler



Marine Air Washer

FAW-S



FAW-S series air washers, with self-cleaning function, clean air by solenoid valves controlled fresh water circulation.

SAW-F



SAW-F series air washers clean air by sea water from the main SW supply system, as well as manual fresh water cleaning from the FW supply system. Solenoid valves controlled auto-operation is also optional.



Marine Dehumidifier



Marine Rotor-Type Dehumidifier

MRD Marine Rotor-Type Dehumidifier is crucial for carriers with humidity sensitive cargoes, such as grains, pulps, sugar and chemicals.

Features

- Panels and Frames in corrosion resistance material, optional Alu-Zn Steel or Stainless Steel
- Dual plates steel panels with mineral wool inserts available in various thickness
- Reliable, washable, fire-resistance, and highly hygroscopic fiber composite silica gel wheels
- Flexible connectivity for either spiro or rectangular types of ducts
- Doors to facilitate easy inspection and servicing access
- React heater can be electric, steam or thermal oil heating
- Fan units can either be direct-motor or belt-driven
- 3-Phase optional Voltages & Frequencies available





Cruise & Ferries



Being the exclusive co-operation partner of KOJA Oy in China, DMA is dedicated to the supply of HVAC systems with latest technology to the Chinese passenger vessels market.



- Based on expertise & experience, reliable & efficient air conditioning systems are what we deliver to ensuring comfortable living environment for shipboard passengers and crews.
- Products with state-of-the-art efficiency from KOJA design & co-produced with DMA.
- Delivering Air Conditioning systems completed with electrical & automation, from design to commissioning and product training.
- Slimmer product footprints facilitate space for further cargo passenger profitability.
- Energy efficient air conditioning system enhances costs savings.

AQUAFORCE[®]





Rapid DMA Offshore HVAC

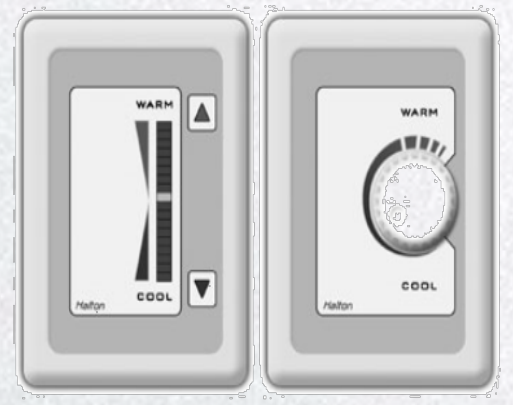


RAPID DMA OFFSHORE HVAC PTE LTD

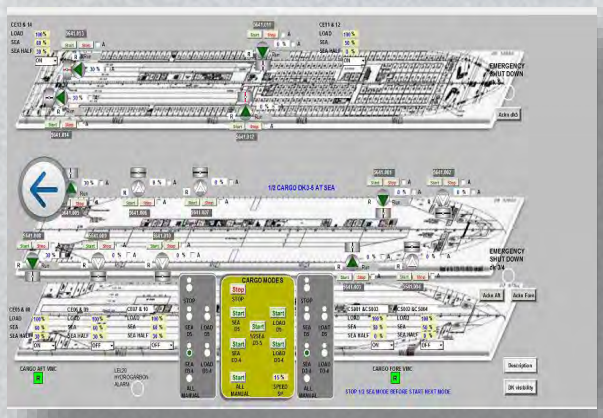




ROPAX Application



VAV system



HVAC Automation System



Room Temperature Panel



FCU system



Ventilation Fans and Accessories



Axial Fan



Centrifugal Fan



Ventilator



Bifurcated Axial Fan



High Pressure Centrifugal Fan



Silencer



Energy Saving System (ESS)



DMA Energy Saving System (ESS) is a system which helps minimizing total power consumption by speed controlling of E/R ventilation and cargo hold fans, finding a balance between environmental concerns and cost effective operations in order to achieving fuel savings and minimizing CO₂ emission at the same time.

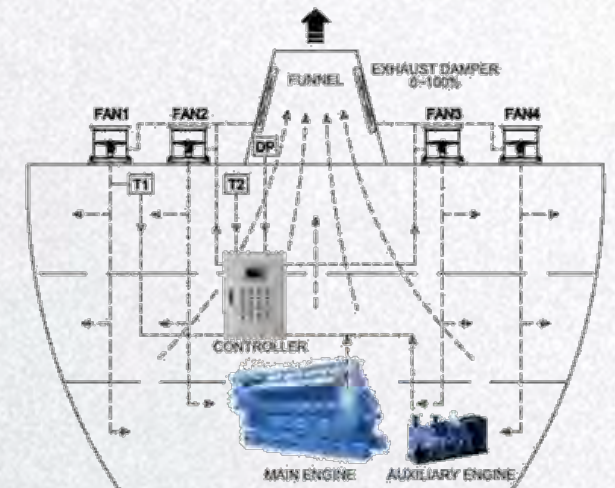
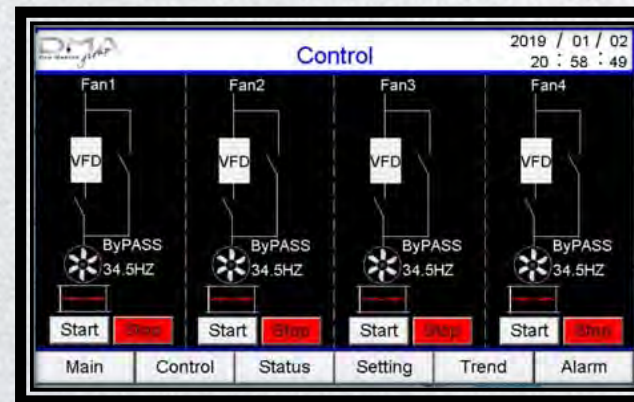
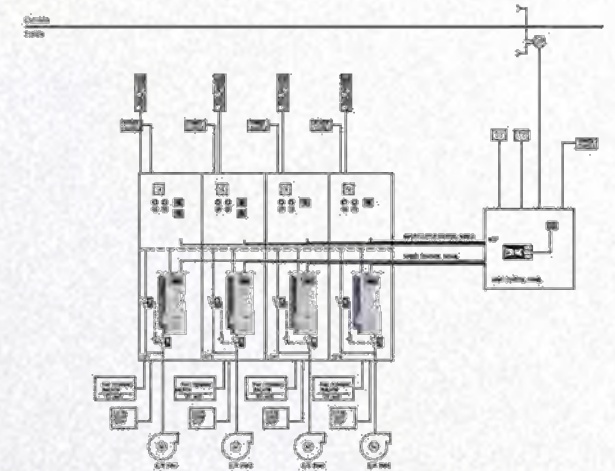
Application

Engine Room Ventilation Fans

- Frequency controlling of E/R Ventilation Fans according to data such as M/E loading, E/R temperatures, and positive pressure

Cargo Hold Fans

- Frequency controlling of Cargo Hold Fans according to cargo hold temperatures





Galley Equipment & Laundry Equipment

- **European style design**
- **Key components like heating plates and thermostat to use German EGO**
- **Simply structure easy for crew's maintenance**
- **Strong sourcing ability to meet various demand**
- **Service station all over the world**
- **Over 400 shipsets delivered to different owners from all over the world**



Galley Equipment & Laundry Equipment



Electric Range



Electric Tilting Boiling Pan



Electric Tilting Frying Pan



Electric Griddles



Waste Disposer



Meat Slicer



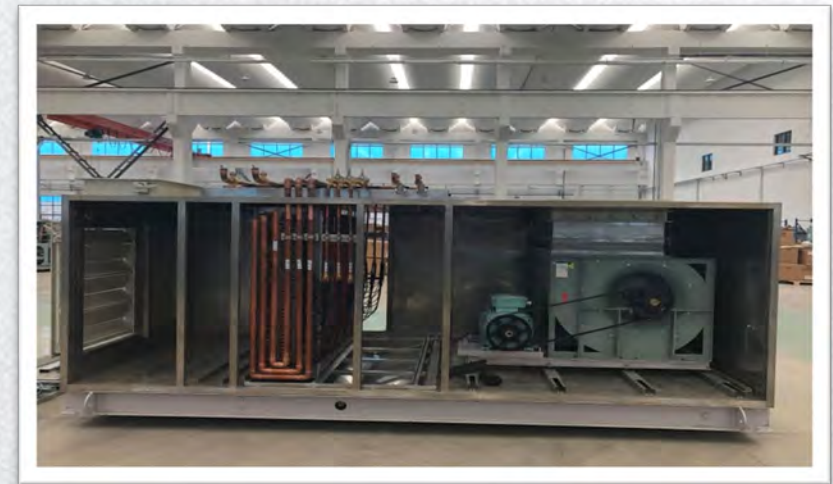
Industrial Washer



Washer



Product display





Product display





Product display



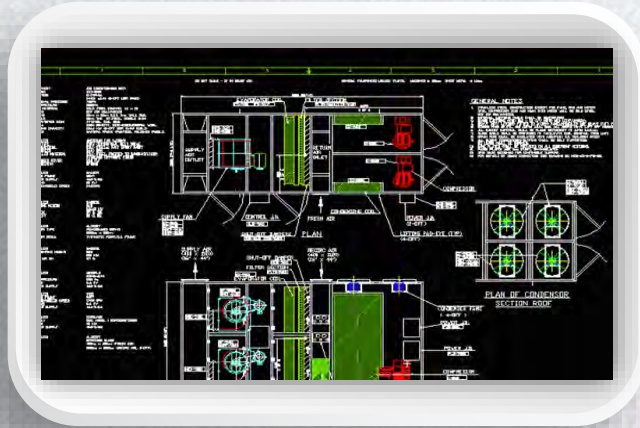
03

PART 3

Why DMA

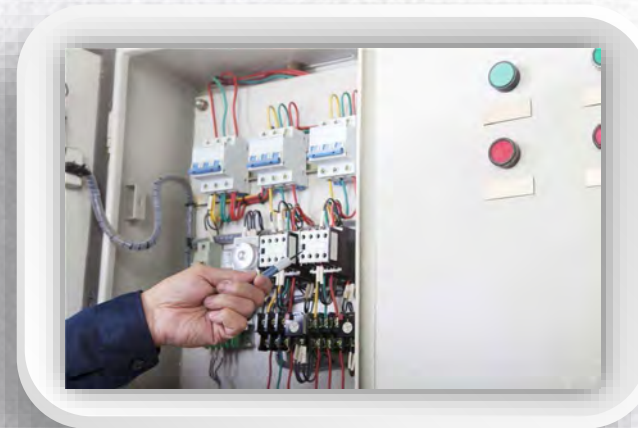


Why Choose DMA?



Advanced design

- ✓ Offshore standard design
- ✓ Customized products
- ✓ Constant improvement based on continuous customer's feedback



Europe quality

- ✓ International brand components & equipment
- ✓ Strict quality control system
- ✓ Reliable experience of manufacturing



Why Choose DMA?



Timely Service

- ✓ 35 service engineers in China
- ✓ On-time service within 24h
- ✓ Spare parts available



Global Service Network

- ✓ Well established global service network
- ✓ On-time service available at major ports
- ✓ Spare parts available

04

PART 4

Reference



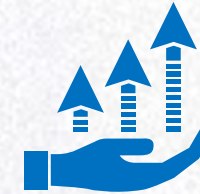
Reference/HVAC&R

2009~2020



2264

Orders Total



2162

Delivery Total



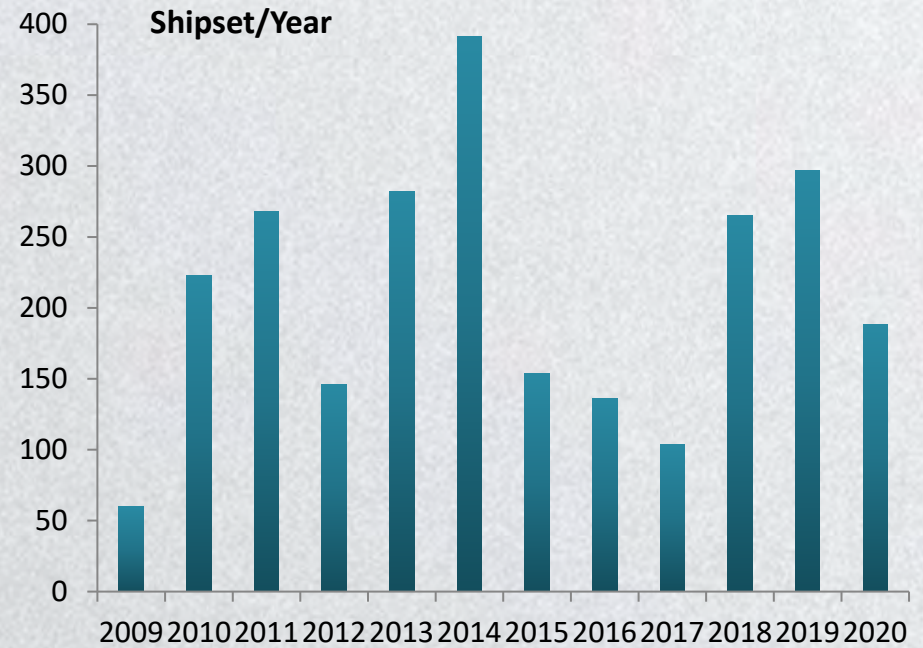
2003~2008
OEM supplier of over 800
ship sets of HVAC



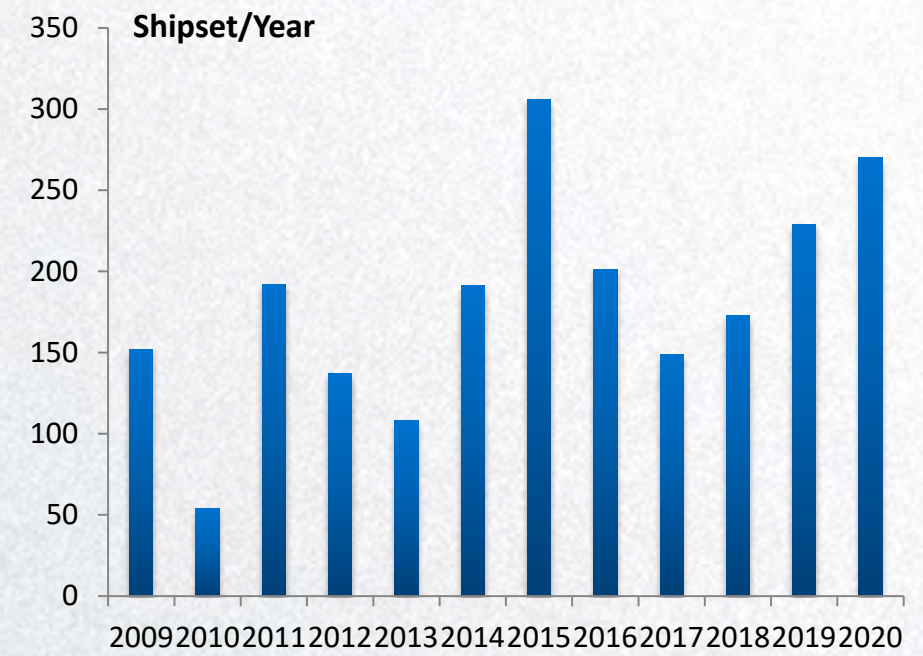
Reference/HVAC&R.



Order intake



Delivery





Reference List of DMA HVAC&R. System

Jan. 04 , 2021

No	Order No	Ship Yard	Project	Hull No	Shipowner	Owner Country	Products	Delivery
2261	DMA20204	CHI(Yangzhou)	114,000DWT Crude Oil Tanker	N985	Aegean	Greece	Ventilation Fans	TBA
2260	DMA20203	CHI(Yangzhou)	114,000DWT Crude Oil Tanker	N984	Aegean	Greece	Ventilation Fans	TBA
2259	DMA20202	Jiangsu Yangzijiang	2,700TEU Container Vessel	YZJ2015-2223	SITC Maritime (Group)	HongKong	HVAC&R	2021
2258	DMA20201	CSSC Huangpu Wenchong	1,900TEU	H2390	T.S. Lines	Taiwan, China	Ventilation Fans	TBA
2257	DMA20200	CSSC Huangpu Wenchong	1,900TEU	H2389	T.S. Lines	Taiwan, China	Ventilation Fans	TBA
2256	DMA20199	DSIC(Shanhaiguan SY)	85,000DWT Bulk Carrier	B85K-12	Transcenden Global	Singapore	Ventilation Fans	TBA
2255	DMA20198	DSIC(Shanhaiguan SY)	85,000DWT Bulk Carrier	B85K-11	Transcenden Global	Singapore	Ventilation Fans	TBA
2254	DMA20197	DSIC(Shanhaiguan SY)	85,000DWT Bulk Carrier	B85K-12	Transcenden Global	Singapore	HVAC&R	TBA
2253	DMA20196	DSIC(Shanhaiguan SY)	85,000DWT Bulk Carrier	B85K-11	Transcenden Global	Singapore	HVAC&R	TBA
2252	DMA20195	GSI	158,000 DWT LNG DF Suezmax Tanker	19121020	EPS	Singapore	Ventilation Fans	TBA
2251	DMA20194	GSI	158,000 DWT LNG DF Suezmax Tanker	19121019	EPS	Singapore	Ventilation Fans	TBA
2250	DMA20193	NACKS	81,000DWT Motor Bulk Carrier	NE359	HINODE	Japan	HVAC&R	TBA
2249	DMA20192	Chengxi SY	62,000DWT Multi-purpose Vessel	CX0699	Chinese-Polish(CHP)	China	Ventilation Fans	TBA
2248	DMA20191	Chengxi SY	62,000DWT Multi-purpose Vessel	CX0698	Chinese-Polish(CHP)	China	Ventilation Fans	TBA
2247	DMA20190	Chengxi SY	62,000DWT Multi-purpose Vessel	CX0697	Chinese-Polish(CHP)	China	Ventilation Fans	TBA
2246	DMA20189	Chengxi SY	62,000DWT Multi-purpose Vessel	CX0696	Chinese-Polish(CHP)	China	Ventilation Fans	TBA
2245	DMA20188	Jiangsu Yangzijiang	690FEU DECK Carrier	YZJ2020-1310	Tiger Gas	HongKong	Ventilation Fans	2021
2244	DMA20187	Jiangsu Yangzijiang	690FEU DECK Carrier	YZJ2020-1309	Tiger Gas	HongKong	Ventilation Fans	2021
2243	DMA20186	Jiangsu Yangzijiang	180,000DWT BC	YZJ2015-2027	LEPTA Shipping	Japan	HVAC&R	2021
2242	DMA20185	Chengxi SY	700TEU Conversion	MV Sunway X	General Partner Adria doo Beograd	Serbia	Ventilation Fans	2021
2241	DMA20184	Chengxi SY	700TEU Conversion	MV Sunshine X	General Partner Adria doo Beograd	Serbia	Ventilation Fans	2021
2240	DMA20183	NTS	158,000 Tanker	0315852	Avin International	Greece	HVAC&R	TBA
2239	DMA20182	DAKKS	81,000DWT Motor BC	DE114	Santoku Senpaku Co., Ltd.	Japan	HVAC&R	TBA
2238	DMA20181	DAKKS	81,000DWT Motor BC	DE113	Santoku Senpaku Co., Ltd.	Japan	HVAC&R	TBA
2237	DMA20180	DAKKS	81,000DWT Motor BC	DE112	Santoku Senpaku Co., Ltd.	Japan	HVAC&R	TBA



Reference/Galley & Laundry



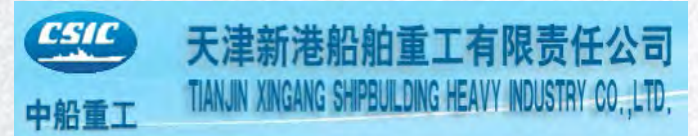
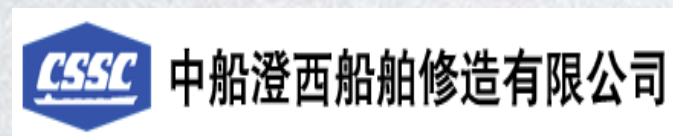
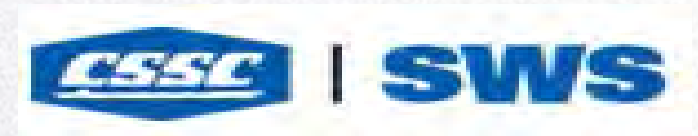
Reference List of DMA Galley and Laundry

Dec 16, 2020

No	Ship Yard	Project	Hull No	Shipowner	Owner Country	Products	Order intake
512	New Yangzi	40000DWT BC	YZJ2015-2251	H.Vogemann Reederei GmbH & Co.KG	Germany	Galley and Laundry	2020
511	New Yangzi	40000DWT BC	YZJ2015-2252	H.Vogemann Reederei GmbH & Co.KG	Germany	Galley and Laundry	2020
510	CSBC	Marine Installation Vessel	H1175	CSBC-DEME Wind Engineering CO.,Ltd	Taiwan, China	Galley and Laundry	2020
509	CATIMEC	63M Search Boat	63M Search Boat	Port Authority	China	Galley and Laundry	2020
508	Jinling Shipyard	62000DWT Heavy Lift MPV	JLZ9200401	CMES	China	Galley and Laundry	2020
507	Jinling Shipyard	62000DWT Heavy Lift MPV	JLZ9200402	CMES	China	Galley and Laundry	2020
506	Jinling Shipyard	62000DWT Heavy Lift MPV	JLZ9200403	CMES	China	Galley and Laundry	2020
505	Jinling Shipyard	62000DWT Heavy Lift MPV	JLZ9200404	CMES	China	Galley and Laundry	2020
504	New Yangzi	9150DWT Product Oil/Chemicak IMO 2 Tanker	TK1206	Rubis Energie SAS	Belgium	Galley and Laundry	2020
503	New Yangzi	690FEU DECK CARRIER	YZJ2020-1309	YANGZIJANG SHIPPING PTE.LTD	China	Galley and Laundry	2020
502	New Yangzi	690FEU DECK CARRIER	YZJ2020-1310	YANGZIJANG SHIPPING PTE.LTD	China	Galley and Laundry	2020
501	GUOMENG CRUISE INVESTMENTS CO.,LTD	Cruise Ship	Blue Dream Star	GUOMENG CRUISE INVESTMENTS CO.,LTD	HongKong , China	Galley and Laundry	2020
500	SWS	119,999 DWT POT	H1536	CDBL	China	Galley and Laundry	2020
499	SWS	119,999 DWT POT	H1537	CDBL	China	Galley and Laundry	2020
498	SWS	119,999 DWT POT	H1538	CDBL	China	Galley and Laundry	2020
497	SWS	119,999 DWT POT	H1539	CDBL	China	Galley and Laundry	2020
496	Yangfan	1868TEU Vessel	CV18H-HG01	Ningbo Ocean Shipping Co.,Ltd	China	Galley and Laundry	2020
495	Yangfan	1868TEU Vessel	CV18H-HG02	Ningbo Ocean Shipping Co.,Ltd	China	Galley and Laundry	2020
494	Yangfan	1868TEU Vessel	CV18H-HG03	Ningbo Ocean Shipping Co.,Ltd	China	Galley and Laundry	2020
493	Yangfan	1868TEU Vessel	CV18H-HG04	Ningbo Ocean Shipping Co.,Ltd	China	Galley and Laundry	2020
492	CSSC Chengxi Shipyard	62000DWT Heavy Lift MPV	CX0696	Chinese-Polish Joint Stock Shipping Company	China/Poland	Galley and Laundry	2020
491	CSSC Chengxi Shipyard	62000DWT Heavy Lift MPV	CX0697	Chinese-Polish Joint Stock Shipping Company	China/Poland	Galley and Laundry	2020
490	CSSC Chengxi Shipyard	62000DWT Heavy Lift MPV	CX0698	Chinese-Polish Joint Stock Shipping Company	China/Poland	Galley and Laundry	2020
489	CSSC Chengxi Shipyard	62000DWT Heavy Lift MPV	CX0699	Chinese-Polish Joint Stock Shipping Company	China/Poland	Galley and Laundry	2020
488	New Yangzi	40000DWT BC	YZJ2015-2249	H.Vogemann Reederei GmbH & Co.KG	Germany	Galley and Laundry	2020
487	New Yangzi	40000DWT BC	YZJ2015-2250	H.Vogemann Reederei GmbH & Co.KG	Germany	Galley and Laundry	2020
486	New Yangzi	40000DWT BC	YZJ2020-1293	H.Vogemann Reederei GmbH & Co.KG	Germany	Galley and Laundry	2020
485	New Yangzi	40000DWT BC	YZJ2020-1294	H.Vogemann Reederei GmbH & Co.KG	Germany	Galley and Laundry	2020
484	Penglai Jinlu	85000DWT BC	JL0235(B)	Qingdao Military-Civilian intergration development Group Co.,Ltd	China	Galley and Laundry	2020
483	Penglai Jinlu	85000DWT BC	JL0236(B)	Qingdao Military-Civilian intergration development Group Co.,Ltd	China	Galley and Laundry	2020
482	New Yangzi	13000DWT Dual-fuel Tanker	YZJ2019-1257	TARBIT TANKERS B.V	Holland	Galley and Laundry	2020
481	New Yangzi	13000DWT Dual-fuel Tanker	YZJ2019-1258	TARBIT TANKERS B.V	Holland	Galley and Laundry	2020
480	New Yangzi	13000DWT Dual-fuel Tanker	YZJ2015-1242	TARBIT TANKERS B.V	Holland	Galley and Laundry	2020
479	Qingdao Beihai	325,000DWT ORE CARRIER	OC325K-7	K-Marine	Korea	Galley and Laundry	2020
478	Qingdao Beihai	325,000DWT ORE CARRIER	OC325K-8	K-Marine	Korea	Galley and Laundry	2020
477	Qingdao Beihai	325,000DWT ORE CARRIER	OC325K-9	K-Marine	Korea	Galley and Laundry	2020
476	Qingdao Beihai	325,000DWT ORE CARRIER	OC325K-12	K-Marine	Korea	Galley and Laundry	2020
475	Wenchong SY	Rail Car Carriers	H5681	SEACOR OCEAN TRANSPORT INC.	USA	Galley and Laundry	2020
474	Wenchong SY	Rail Car Carriers	H5682	SEACOR OCEAN TRANSPORT INC.	USA	Galley and Laundry	2020

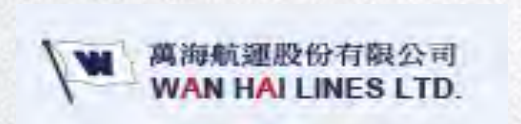
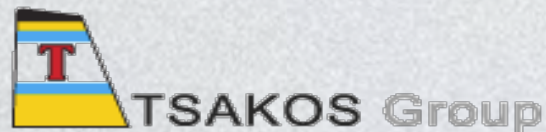
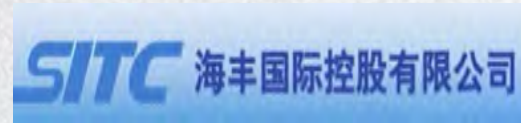
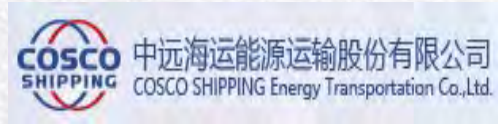


Our Clients-Shipyard





Our Clients-Shipowners



05

PART 5

Globe Service Network





Global Sales/Service Network





Thank you!

DMA Marine
info@dma-marine.com