



**Zhejiang Energy Marine Environmental Technology Co., LTD**

**Reference List for  
Exhaust gas cleaning system(EGCS)**

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Performance List							
Year	Owner	Shipyard	Ship type	Project Type	Delivery Status	Product Mode	Delivery Time
2018	Ningbo shipping	Zhoushan Huafeng Shipyard	1 Bulk carrier	Retrofitting	Completed	Open	2018
2018	Five Star	Zhoushan Jinhai Shipyard	1 Capsize Bulk Carrier	Retrofitting	Completed	Open	2019
2018	Diamond	Zhoushan Xinya Shipyard	2 Suez tankers	Retrofitting	Completed	Open loop hybrid Ready	2019
2018	Mangrove Partner	Zhoushan Xinya Shipyard Zhoushan Huafeng Shipyard	7 container ships 4000TEU-6000TEU	Retrofitting	Completed	Open	2019-2020
2018- 2022	Top Liner-M	Turkey Gemak Shipyard Oman Shipyard Dalian Shipbuilding Industry Changxingdao Shipyard Guangzhou Wenchong Dockyard Zhoushan Changhong International Shipyard Zhoushan Huafeng Shipyard Zhoushan Jiusheng Shipyard	116 container ships of 3000TEU-8000TEU	Retrofitting	Partially completed	Hybrid	2019-2022

2019	Top Liner-P	China Weihai HuaDong Shipyard China Jiusheng Shipyard Zhoushan Huafeng Shipyard Guangzhou Wenchong Dockyard	34 container ships of 3900TEU-11800TEU	Retrofitting	Completed	Open	2019-2022
2021	TOP Liner-O,Z,M,M	New Yangzi Shipyard CSSC Hudong Zhonghua China CSSC Hudong Jiangnan	34 container ships of 11800TEU 12200 TEU 15000 TEU	New-building	Partially Completed	Hybrid	2021-2023
2021	Dynacom	New Times Shipyard	5 SUEZ, VLCC	New-building	Completed	Open	2021-2022
2021	Top Liner-M	Turkey Gemak Shipyard Oman Shipyard Dalian Shipbuilding Industry Changxingdao ShipyardGuangzhou Wenchong Dockyard Zhoushan Changhong International Shipyard Zhoushan Huafeng Shipyard Zhoushan Jiusheng Shipyard	20 container ship of 4000TEU-8000TEU	Retrofitting	Delivered in 2021-2022	Hybrid	2021-2023
2022	Dynacom	Huafeng Shipyard	7 Suezmax 9 VLCC	Retrofitting	Partially completed	Open	2022-2023

	CYPRUS SEA LINES	Zhoushan Huafeng Shipyard	1 VLCC	Retrofitting	Completed	Open	2022
	MARMARAS	Zhoushan Huafeng Shipyard	2 Suezmax	Retrofitting	Completed	Open	2022
2022	Huaguang	Zhejiang Youlian Machinery Manufacturing Co., Ltd.	4 Suezmax	Retrofitting	Completed	Open	2022-2023
2022	Everest Shipping	Zhoushan Changhong International Shipyard	2 VLOC	Retrofitting	Completed	Open	2022-2023
2022	HIMALAYA	New Times Shipyard	10 Bulk carrier (210000 DWT)	New-building	Partially completed	Open	2022-2024
2022	Cathay harvest marine	Zhoushan Changhong International Shipyard	4 Crude Oil Tanker	Retrofitting	Partially completed	Open	2022-2023
2022	CDY	Zhoushan Huafeng Shipyard	6 Crude Oil Tanker	Retrofitting	Partially completed	Open	2022-2023
2022	CDY	Zhoushan Longshan Shipyard	2 Crude Oil Tanker	Retrofitting	Partially completed	Open	2022-2023
2022	MARMARAS	Zhoushan Huafeng Shipyard	2 Crude Oil Tanker	Retrofitting	Partially completed	Open	2022-2023
2022	HONG KONG XING YE	Zhoushan Huafeng Shipyard	1 Crude Oil Tanker	Retrofitting	Completed	Open	2022-2023

2021	Top Liner-M	Turkey Gemak Shipyard Oman Shipyard Dalian Shipbuilding Industry Changxingdao Shipyard Guangzhou Wenchong Dockyard Zhoushan Changhong International Shipyard Zhoushan Huafeng Shipyard Zhoushan Jiusheng Shipyard	20 container ship of 4000TEU-8000TEU	Retrofitting	Delivered in 2021-2022	Hybrid	2021-2023
2022	Wah Kwang HK	Jinhai Shipyard(Zhoushan)	2 Crude Oil Tanker	Retrofitting	Completed	Open	2022
2022	Wah Kwang HK	Zhejiang Youlian Machinery Manufacturing Co., Ltd.	1 Crude Oil Tanker	Retrofitting	Completed	Open	2022
2022	Steel Group owner	ZHOUSHAN CHANGHONG INTERNATIONAL SHIPYARD	50 Bulk carrier (Cape, Panamax)	Retrofitting	Partially completed	Open	2022
2022	Wallem Shipmanagement	Zhejiang Youlian Machinery Manufacturing Co., Ltd.	2 Crude Oil Tanker	Retrofitting	Completed	Open	2022
2022	Top Liner in China Taiwan area-Y	Zhoushan Changhong International Shipyard	714000TEU container ships	Retrofitting	Partially completed	Open loop hybrid Ready	2022-2023
2022	Tope Liner in Japan area- O	Zhoushan Changhong International Shipyard	1 9600TEU container ships	Retrofitting	Completed	Open loop hybrid Ready	2022-2023
2022	Tope Liner in German area-H	Zhoushan Changhong International Shipyard	6 10000 TEU container ships	Retrofitting	To be delivered	Open loop hybrid Ready	2023

2022	Norway owner	Zhoushan Changhong International Shipyard	2 Bulk carrier (64500DWT)	Retrofitting	To be delivered	Open	2023
2022	HOSCO GROUP	Zhoushan Huafeng Shipyard	19 Bulk carrier	Retrofitting	Partially completed	Open	2023
2023	HONG KONG ZHONGTUO	Zhoushan Changhong International Shipyard	1 Crude Oil Tanker	Retrofitting	To be delivered	Open	2023
2023	Lucky Ascend Ship Management	Zhoushan Huafeng Shipyard	1 Crude Oil Tanker	Retrofitting	To be delivered	Open	2023
2023	Zhejiang Changchang Shipping	Zhoushan Huafeng Shipyard Zhoushan Longshan Shipyard	7 Crude Oil Tanker	Retrofitting	To be delivered	Open	2023
2023	Tione shipping	Zhoushan Huafeng Shipyard Zhoushan Longshan Shipyard PAXOCEAN Engineering Zhoushan	10 Crude Oil Tanker	Retrofitting	To be delivered	Open	2022-2023
2023	Cathay Harvest Marine	Taizhou Wanlong Shipyard	1 Bulk Carrier	New-building	Partially completed	Open	2023
2023	Shanghai Xinchu Shipping	Zhejiang Youlian Machinery Manufacturing Co., Ltd.	1 Crude Oil Tanker	Retrofitting	To be delivered	Open	2023
2023	Taizhou Xiehai Group	Zhoushan Huafeng Shipyard Zhoushan Longshan Shipyard PAXOCEAN Engineering Zhoushan	5 Bulk carriers	Retrofitting	To be delivered	Open	2023