



IMC SHIPYARD  
(ZHOU SHAN) CO., LTD.

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地址：浙江省舟山市普陀区沈家门马峙岛

Tel: 0086-580-3690882  
Fax: 0086-580-3690580  
www.imczy.com  
Email: imczy@imczy.com sales@imczy.com

Add: Mazhi Island, Shenjiamen, Putuo, Zhoushan, China 316100

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万邦船舶重工（舟山）有限公司  
IMC SHIPYARD (ZHOU SHAN) CO., LTD.

# GREEN

Guard  
Safety

Responsible  
Community

Epidemic  
Prevention

Environmental  
Friendly

New Digital  
Intelligent

CREATING MORE   SERVING MORE   THINKING MORE



# INTRODUCTION

IMC Shipyard (Zhoushan) Co., Ltd. is one of the largest shipyards in China, set up by IMC Industry. IMCZY, located at Zhoushan, is the most convenient repair station in the far-east region.

With well-equipped facilities, skilled workforce and leading technology, IMCZY offers a comprehensive range of services to ship repair and maintenance to clients from all over the world. In 2017, IMCZY took the lead in implementing UHP process in the pretreatment of ship hull surface systematically in China's ship repair industry.

In the future, IMCZY will not only commit to contribute to the development of the technology and equipment in the industry, but also commit to make important strides in assuming social responsibility for the sustainable development of environmental protection and enterprise itself.

ZHOUSHAN CHINA

# MAIN FACILITIES



**457,000** m<sup>2</sup>  
Floor area

**1900** m  
Coast Line

**2** Shipyards  
China & Thailand

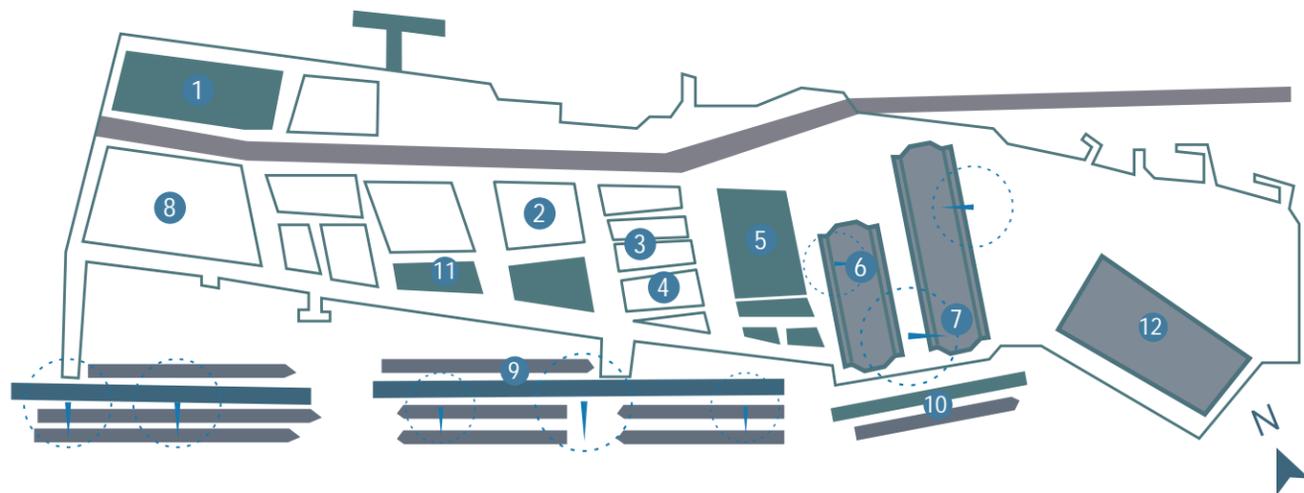
**2** Days Sailing  
From Korea or Japan

**0.5** Day Sailing  
From Shanghai

UTSE is a member of IMC shipyard services group with a comfortable climate located in Thailand, a good choice for global ship repair and maintenance in Southeast Asia.

With good location, IMCZY is in the center of China ship repair industry.

# MAIN FACILITIES



- ① Accommodations
- ② Office BLD
- ③ Cryogenic Workshop
- ④ Workshops
- ⑤ Working platform
- ⑥ 2#Dock 251×39(M)
- ⑦ 1#Dock 350×65(M)
- ⑧ 2#Wharf 300000DWT 250×12(depth)  
No.4/5 berths
- ⑨ 1#Wharf 300000DWT 524.5×12(depth)  
No.1/2/3 berths
- ⑩ No.6 berth 280×12(depth)
- ⑪ Digital Operation Center
- ⑫ Solar Panels

DOCK	Graving Dock	Size[m]	Crane[t]
	300000DWT	350*65	40*1/25*1
	100000DWT	251*39	25*1
WHARF	Wharf	Size[m]	Crane[t]
	300000DWT	524.5*12[depth]	45*1/40*1/25*1
	200000DWT	250*12[depth]	80*1/45*1
	70000DWT	280*12[depth]	40*1/25*2
OTHERS	Gantry Crane	Tugboat	Cherry picker
	50t*1 set	4000hp*2 boats	36m*6 sets 34m*10 sets
	32t*1 set	3600hp*1 boat	30m*18 sets 28m*1 set
NEW TECH	2000hp*1 boat		
	25m*23 sets 21m*4 sets		
	UHP Water Unit-50sets/UHP jet tool-55sets/Spray Gun-50sets/Bottom Treatment Robert-4sets/Floor Cleaner-3sets/Dockmate-2sets/Dockboy-6sets/Multiworker-2sets/Spiderjet-M-1set/Dock Elephant-13sets/Scissors Lifting Platform-6sets		

## COMPELETE RANGE OF SERVICES

### Ship Maintenance

- Drydocking and special surveys
- Deck and E/R machinery overhauls
- Major steel renewals and repairs
- UHP water jetting for hull, cargo hold, tank and deck, etc.
- Shaft and rudder system
- Electrical, automation and navigation equipment
- Hatch cover and outfitting repairs

### Sea-Damage Repair

- Major steel repair
- Shaft, propeller and rudder repair
- Machinery and electrical repair

### Major Conversions

- Ship conversions
- Offshore conversions
- Naval ship conversions



# SPECIALISTS KNOWHOW

With the best partners and cooperators, IMCZY will always be your most reliable ship repair yard.



**KEMKLEN Technical Services IMC-YY Ltd.**

A service company that specializes in turbocharger, marine & offshore equipment, and marine fittings.



**Zhoushan Heatec IMC-YY Engineering Co., Ltd**

A service company that specializes in heat exchanger such as tube finned air cooler, shell & tube heat exchangers, plate heat exchangers, and marine piping construction works.



**Wärtsilä & IMC-YY Service Station**

Main engine, auxiliary engine, automation system, propeller and shaft system repairs, reconditioning of mechanical parts.



**Zhoushan IN Marine Engineering Co.,Ltd**

The company operating as a specialist in ship repair, thickness gauging, non-destructive test, life boat survey as well as fire protection equipment survey etc.



**VIKING IMC-YY**

**Zhoushan VIKING IMC-YY Engineering Co., Ltd**

Business Scope: the installation and maintenance service for marine automation control system, marine mechanical & electrical equipment, high-pressure boiler piping system & steam turbine.



**Zhoushan CLAVON IMC-YY Engineering Co., Ltd**

Specialized in marine special tank coating services, and coating equipment manufacture.



**Yanmar Engine Zhoushan Service Center**

This service center specializes in marine auxiliary engine, and is responsible for providing maintenance service and after service for Yanmar engine.



**SAGA Service Centre**

FFA & LSA Service

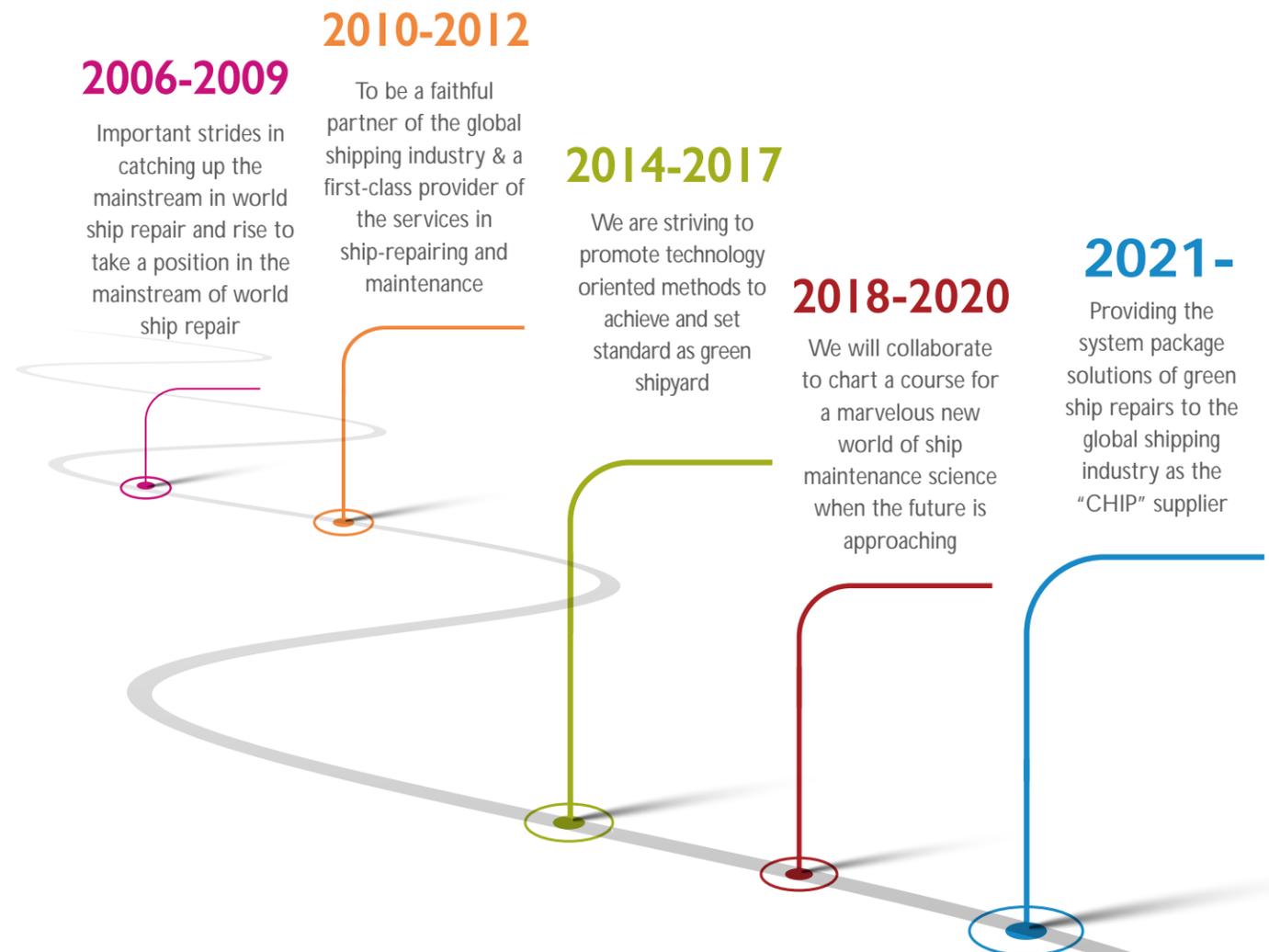


**MIURA CO., LTD. -BWMS Manufacturer**

Miura, a ship machinery equipment manufacturer with experience spanning 50 years, has developed an environment-friendly, user-friendly filter and UV system.

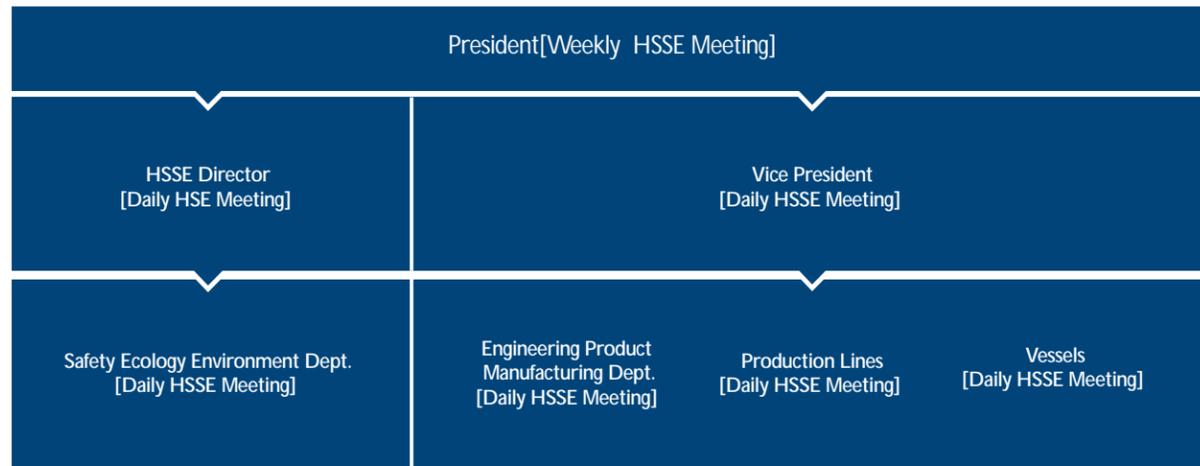
# OUR VISION

Everyone who works with IMCZY anywhere is responsible for getting HSSE right. Good HSSE performance is critical to the success of our business. Our goals are simply stated: No harm to people, no damage to environment or to property.



# HSSE PERFORMANCE

IMCZY HSSE Management System



Fire drills ensure everyone clear for proper saving.

# MANAGEMENT SYSTEM

We value safety and quality, pursue harmony and profit, and care for customers' concerns. The scientific combination of marketing idea, marketing strategy and marketing approaches are the foundation of innovative marketing management mode.



ENERGY MANAGEMENT SYSTEM

# WORKING PROFESSIONALLY

On the platform constructed by IMCZY, its employees and partners would like to contribute their engineering knowledge and experiences to all clients.

IMCZY people are always concentrating on the value-added product.

We care about the safety, we care about the quality, we care about the environment, we care about the work schedule, we care about working professionally, and we care about whatever you care.

## Multi-point Pressure Test System for ME Cylinder Cover



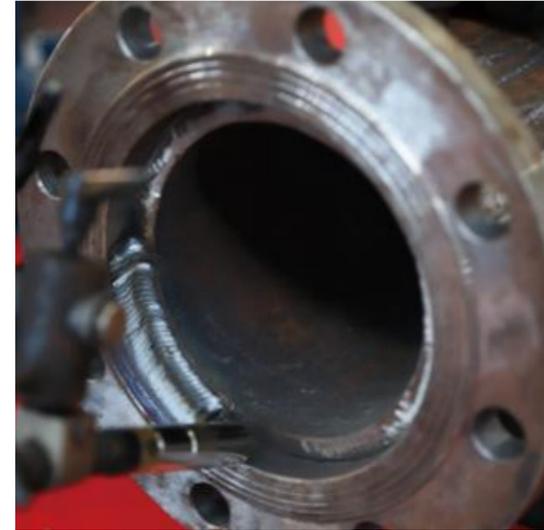
- One-piece platform designed for ME cylinder covers pressure test.
- Change the traditional one by one test mode to a composite test mode.
- Each unit can be used and controlled independently.
- More efficient , more convenient and better quality.

## Laser Alignment



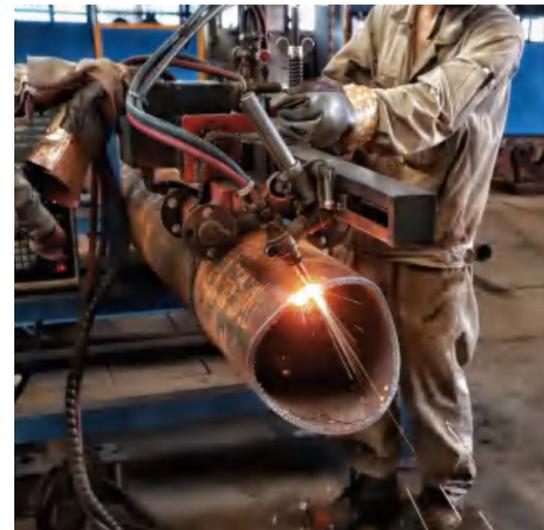
# WORKING PROFESSIONALLY

## CNC Pipe Automatic Welding Machine



- Clear and accurate
- One man operation

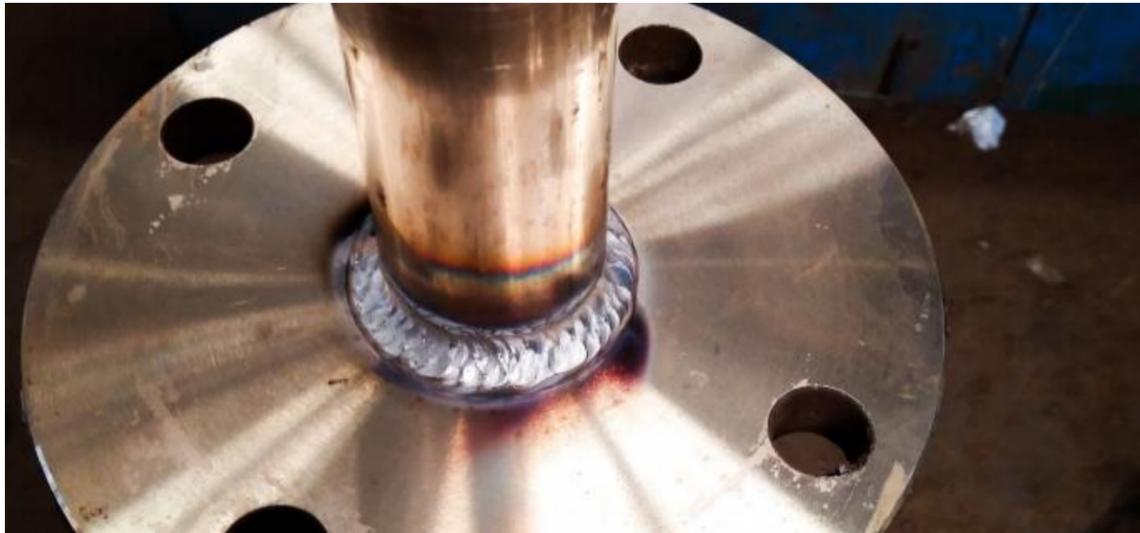
## CNC Plasma Piping Saddle Cutting Machine



- Improve the quality and efficiency of cutting

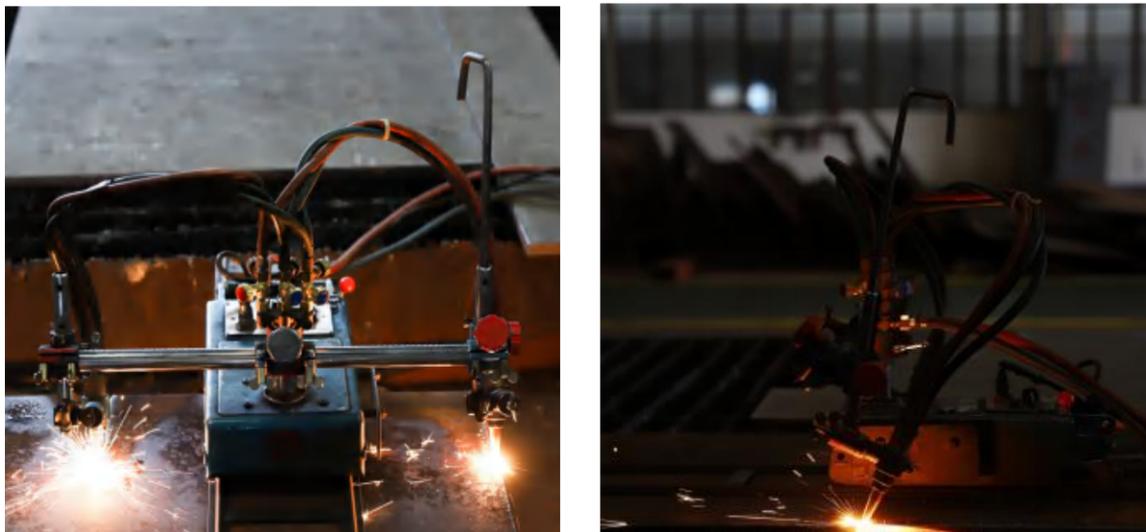
# WORKING PROFESSIONALLY

## Copper Nickle & Aluminum Brass Pipe Welding



- Specialized solution for alloy materials' repair

## Modification of Semi-automatic Double Torch Gas Cutting Machine



- Improve the cutting quality
- Minimize deformation during operation

## PV Valve Testing System



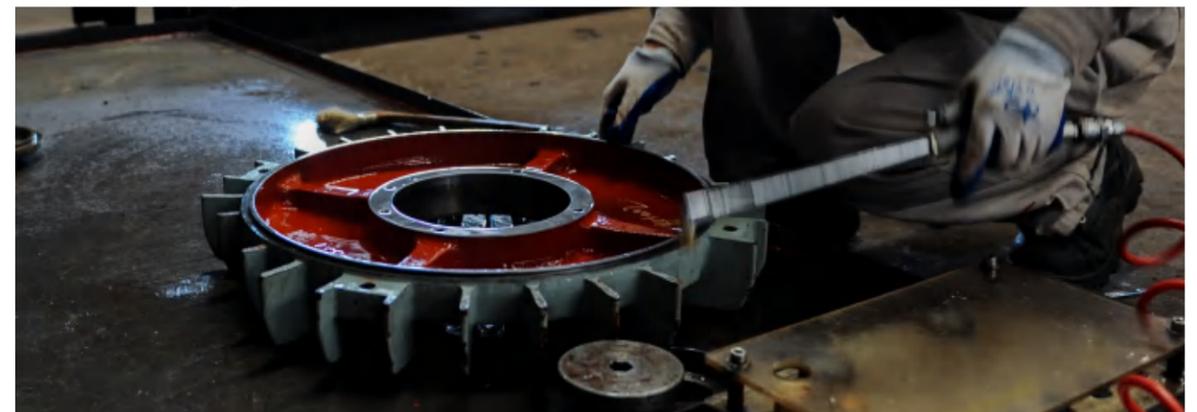
- Pneumatic control
- Water level and pressure gauge display reading
- Enable to grind and lap the seat of PV valve automatically
- Better sealing and better quality

## Automatic Pressure Test Equipment for Piping



- Mainly used for oil tanker and chemical tanker pipeline test
- High efficiency
- Easy operation
- Operated by single person

## Automatic Circulating & Filtering Cleaning System for Electric Equipment



- Instead of traditional way of manual cleaning work
- Circulating and filtering the cleaning agent
- Pneumatic decontamination by jetting
- Cleaner and easier
- High efficient streamline operations

# GREEN SOLUTIONS

We are the researcher and supplier of the CHIP to green ship repair

IMCZY brings ship repair and maintenance industry into a whole new era by completely replacing conventional grit-blasting with UHP water jetting technology. We are striving to promote technology oriented methods to achieve and set standard as green shipyard.

Offer customized solutions to our customers, including technical consultation and equipment matching. Easily combine high-tech modules that perfectly adapt to individual green shipyard demands.

Mechanical Heart



Sharp Weapon for De-rusting



Environmentally Friendly Recycling Equipment



Mobile Filtration Device



Mechanical Arm



Coating Robot



Carrier Platform Robot



# SOPHISTICATED PROJECTS

## Conversion of Helicopter Carrier

In 2014, we have undertaken the Helicopter Carrier conversion project from a multipurpose ship, containing the first large helicopter deck modification in domestic. The helicopter deck area of 2300 m<sup>2</sup> has been modified, a new crane of 80T has been installed, three floors of living areas, internal outfittings and facilities have been newly added, including cinema room, gym room, large conference room and multimedia control room, etc.





## Luxury Cruise Repair

19 Dec. 2017, IMCZY completed the repair of the luxury cruise

19 Dec. 2017, IMCZY completed the repair of the luxury cruise ship OCEAN DREAM two days ahead of schedule with marvelous accomplishment. Over 300 items were completed in 19 days. Thus, IMCZY started the Cruise Dream on Ocean Dream and marked solid accomplishment in chartering a new road to high-end ship repair in the world.

**300** items  
Completed in 19 days

# COMPLETE RANGE OF SERVICES

## Bulbous Bow Conversion Project



- Laser leveler adopted to mark out
- Accuracy of Joint cutting plane  $\pm 1\text{mm}$
- Performed by semi-auto cutter and semi-automatic welding car
- Within one day to complete fitting and welding

## Conversion of Shortening for SUL CSL RELIANCE



- Annular cutting lines 32m\*17m
- Shortened 4.25m
- Deviation less than 5mm

## Scrubber Retrofitting Project



Up to 2021, more than 60 vessels retrofitted with Scrubber system, have successfully delivered to owners by IMCZY. Shipyard has a well-organized team focusing on the production plan from material purchase, prefabrication, installation and commissioning test etc. to fully meet our clients' needs and expectations. For the further SOx scrubber retrofitting projects, our yard will draw on experiences and continue to optimize the construction plan, keep improving the related technology to shorten the repair period, finally win more benefits for our customers in the shipping market.

## Ballast Water Treatment System Installation Project



Since undertook its first BWTS retrofit in 2010, IMCZY has successfully completed more than 190 projects from various makers.

# COMPELTE RANGE OF SERVICES



## Sea-damage Vessel Repair Project

On 14 Dec. 2011, one vessel arrived at IMCZY with four huge float pontoons, the whole engine room remained underwater, the aft. bottom & port side were badly distorted. The vessel lost power because the whole shafting system, steering gear system and reduction gearbox scrapped in the sea damage accident. This is a challenge to conduct such tough sea-damage repair project which involved so many different majors on machinery, electrical, and steel renewal works. IMCZY people well planned the project and worked very hard to get through the testing successfully. Finally, the good vessel is back in service again.



## LPG & VLGC Repair



On 12 Dec. 2017, IMCZY completed the repair of AVANCE on schedule with high quality. The owner's representatives recognized the quality, duration and safety of the repairs with great satisfaction and especially expressed appreciation for the shipyard's efficiency and performance on 100% hydro-jetting treatment at vertical side.

# COMPLETE RANGE OF SERVICES

## Cargo Oil Tank Recoating New Technology

IMCZY used steel grit shot blasting to replace the traditional copper grit blasting in the COT coating technology for the cargo tanks of two petrochemical ships as the first time using in drydocking shipyard. IMCZY is the first shipyard in China to successfully use steel grit blasting in cargo oil tank coating operations in ship repair industry. In the process of this coating process transformation, IMCZY coating laboratory and technical department provide all-round technical support, and formulate new COT coating technology and new processes. Leading the use of UHP water jetting blasting to completely replace traditional copper grit blasting in the dock since 2017, IMCZY is going to lead another technological revolution, which is bound to be the future trend in the field of chemicals and product tanker COT coatings in the ship repair industry.



## Livestock Carrier Repair



On 2 Dec. 2018, after sea trial completed, with capacity for approx. 1500 head of cattle, the livestock carrier which ship owner VROON SHIPPING from Netherlands headed to Port of Brisbane, Australia. That was the first time that IMCZY completed the repair of livestock carrier. This vessel has served Australia and Japan routes for more than 20 years. Due to quite aging facilities equipped and lack of maintenance onboard, the vessel was in pretty poor condition before arrival at IMCZY. During the process of production, all departments and workshops made concerted efforts together to ensure all of the DD/repair works successfully completion and sailed away on schedule.

## Cable Laying Ship Repair Project



IMCZY also has good skills at repairing kinds of Engineering vessels, such as cable-laying vessel, dredger, self-propelling floating crane, semi-submerged vessel, etc.

# COMPELTE RANGE OF SERVICES

## PCTC Repair Project

IMCZY, specialized in car carriers maintenance as the leading green-repair shipyards for PCTC repair base, the annual car carriers repair volume 40 ships per year on average.



## Tanker Repair

Crude oil tanker and chemical tanker are the main types of our service, we are very professional in tank coating, cargo system, inert gas system, tank cleaning system, piping, ballast and cargo pumps, and routine repairs including main and auxiliary engine, boiler, all kinds of motors, automation system, mooring system, cranes and so on.



# INTELLIGENT MANAGEMENT

The Future has come...

· Green Ship-Repair · Digitization · Low-Carbon

Today we are living in the new era of great changes, especially the new science and technology has profoundly changed our working & life style. And so does our ship repair industry.

IMCZY always focuses on the green ship-repair & technology procedure innovation on the daily operation and continuously contributes to create, design & improve new IT ship management system with own advantages & features.

IMCZY has a new green digital ship repairs management system with low-carbon, which serves to the vessel whole life-cycle maintenance integrated with data flow, manpower flow and logistics, etc.

## Shipyards Management Platform



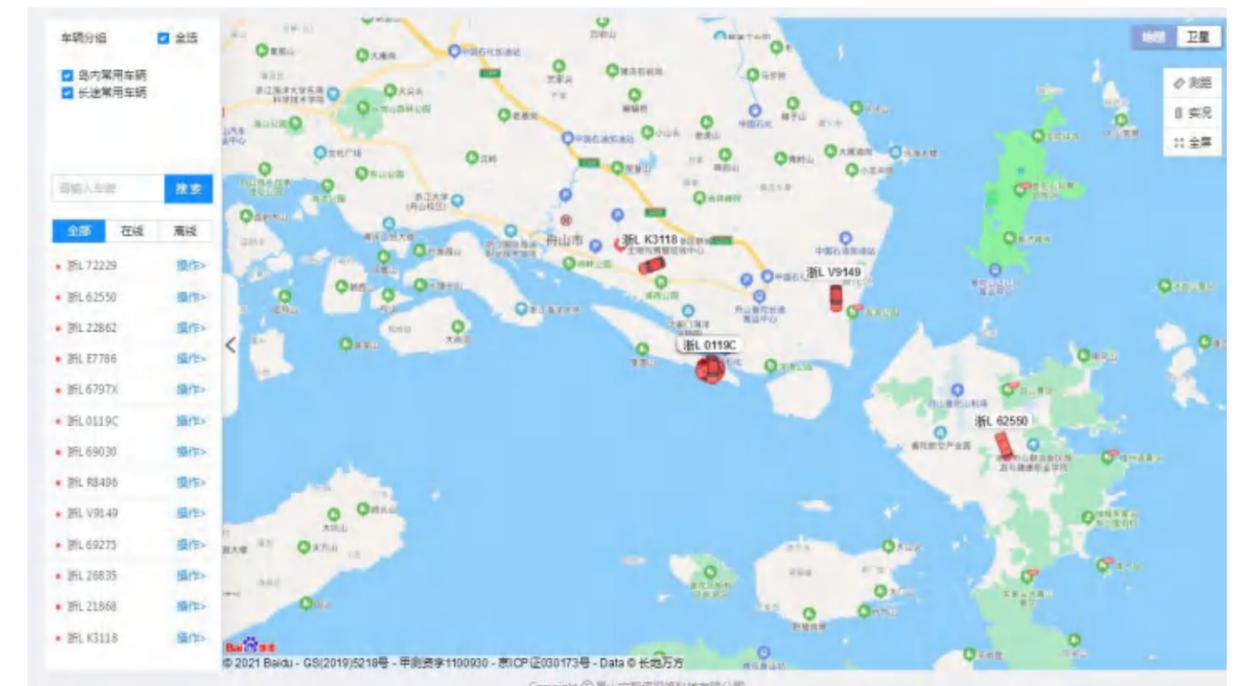
## Labor Arrangement Intelligence System



## Digital Operation Unit



## Shipyards Transportation Management Platform



# QUICK

ACTION  
REACTION