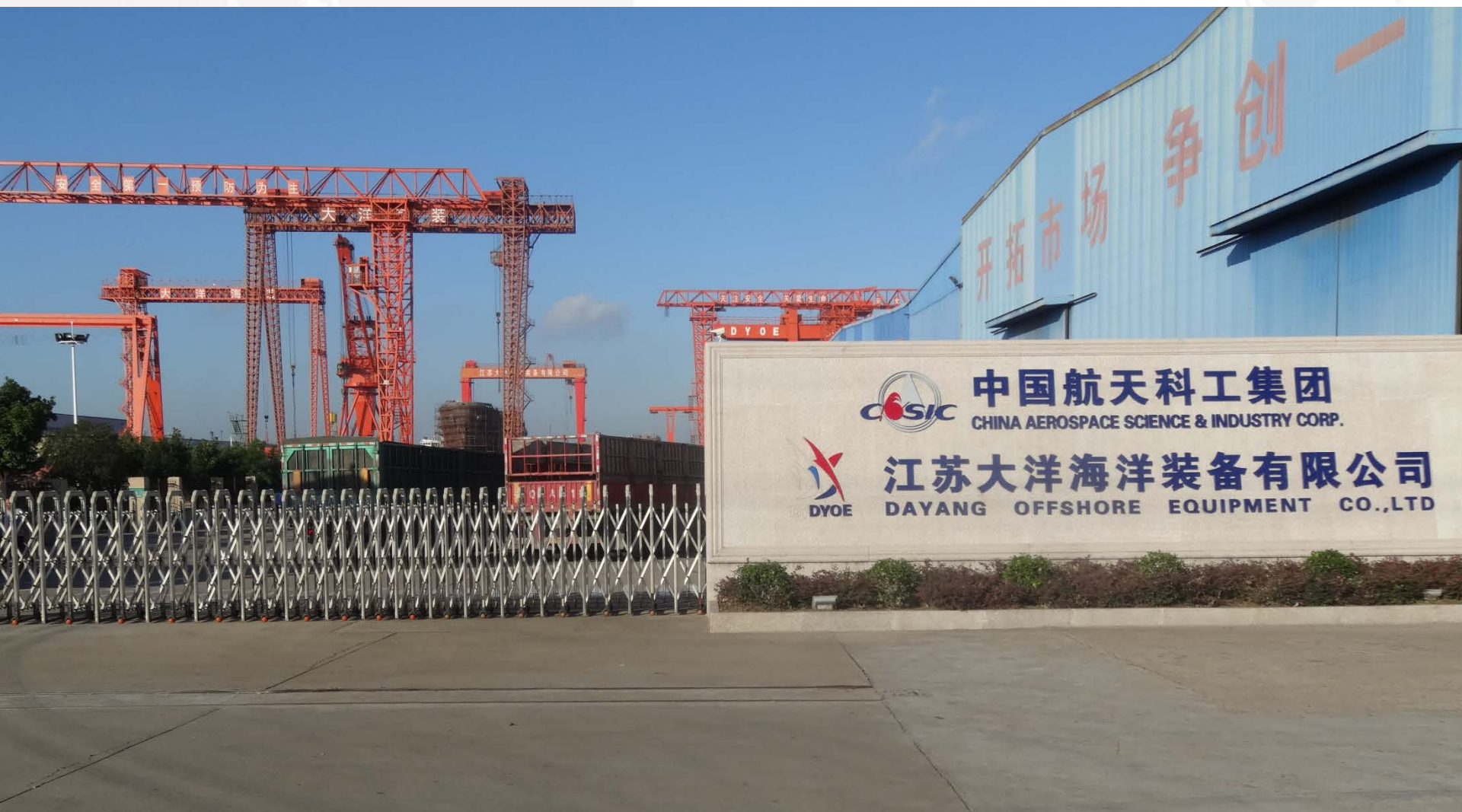




中国航天科工集团
CHINA AEROSPACE SCIENCE & INDUSTRY CORP.



江苏大洋海洋装备有限公司
DAYANG OFFSHORE EQUIPMENT CO.,LTD

开拓市场 争创一

Listed state-owned company's holding subsidiary



As a large state-owned high-tech enterprise directly managed by the Central Government, the **China Aerospace Science and Industry Corporation (CASIC)** has now over 150 thousand employees, of which the professional and technical personnel accounts for 70% or so. It involves about 200 disciplines and professional fields, and possesses over 600 enterprises and institutions. In 2017, CASIC ranked 355th in the top 500 enterprises of the world, 80th in the top 500 enterprises of China.



65%



ADDISNO (Stock Code: 000547) is a high-tech listed state owned company, subsidiary of CASIC, main business is for military products, military and civilian integration products.

DYOE is the holding subsidiary of ADDISNO, which occupy 65% share.



Brief Introduction



DAYANG OFFSHORE EQUIPMENT CO., LTD. (short for **DYOE**) was founded in 2007, is a holding subsidiary of **ADDINO** (**Stock Code: 000547**)- a public listed state owned company. DYOE located at Hongqiao Industrial Park, Taixing City, Jiangsu Province. The company' s total investment reaches RMB 500 million, occupying 300,000m², with 500m coastal line, and there are approximately 1200 employees, 170 of them are management personnel. The layout of yard was programmed by the modern shipbuilding principle to integrate hull, outfitting and painting to super blocks. We have one pretreatment production line, four steel cutting lines, six in-house block fabrication workshops(39000m²), two machinery/piping/electric workshops, 33,000m² block fabrication/assemble area , two slipways(one is 398mx45m, the other is 280mx40m, each with 300T crane).

DYOE built good relation ship with CCS, ABS, KR, BV, NK, DNV-GL, etc, from its foundation till now, DYOE has delivered more than 100 vessels to different countries, covers China, Singapore, India, Indonesia, Malaysia, UAE, Egypt, South Korea, USA, Netherlands, Brazil, etc, including 65m OCV, 68m Hybrid AHTS, 70-83m MPSV, 80m Hybrid AWV, 88m heavy cargo carrier, 800T/1600T/4200T heavy lift accommodation pipe layer, 2700m³ LPG carrier, 4000DWT asphalt tanker, 6800DWT tanker, 7000DWT tanker, 135m train ferry, etc.

At the same time, DYOE actively responds to national military and civilian integration policy, passed the GJB9001B-2009 national military standard quality audit in 2015, and successfully delivered military projects.

DYOE always adheres to the business principle of " Survive on Quality, Develop by Reputation" , strictly follows the requirements of ISO9001/14001 and OHSAS18001, use the "Quality First, Build With Heart, Continual Improvement, Customs Satisfy" as company' s quality policy, always trying the utmost to provide the better services for customers at home and abroad!

Bird View GA



Materials Storage Area



General Warehouse & Equipment Warehouse



Steel Cutting Workshop



Capacity: 5000t per month



Block Fabrication Workshop

12000m²

船体（钢结构）车间

Hull (Steel Structure) Workshop



江苏大洋海洋装备有限公司



Block Fabrication Workshop

船体（钢结构）车间

Hull (Steel Structure) Workshop



江苏大洋海洋装备有限公司

27000m²



Machinery/Piping/Electric Workshop

管装车间

Piping Workshop

 江苏大洋海洋装备有限公司



12000m²



Sandblasting & Painting Workshop

涂装车间

Painting Workshop

江苏大洋海洋装备有限公司



3600m²
Capacity: 1000m² per day



1# & 2# Slipways

1# Slipway: L x B: 398M x 45M, equipped 120t, 150t & 300t cranes

2# Slipway: L x B: 280M x 42M, equipped 120t, 150t & 300t cranes



Outfitting Pier



**Length: 500m, with 45t
outfitting crane, max. lift
capacity 150T**



General Building



Client Office Building



Production Building



Office Building



**For integrated
3D modeling.**

**TRIBON
System**

**Specially for
piping
3D
modeling.**

**SB3DS
System**

**HD-SHM200
System**

**For manual
nesting.**

**SIGMANEST
Auto-nesting
System**

**For automatic
nesting.**

QHSE System Certificate Issued By ABS

ABS Quality Evaluations

Certificate Of Conformance

This is to certify that the Quality Management System of:

江苏大洋海洋装备有限公司

组织机构代码: 66576470-X

中华人民共和国
江苏省泰兴市虹桥镇七圩村 邮编: 225453

(WITH ADDITIONAL FACILITIES LISTED ON ATTACHED ANNEX)

Has been assessed by ABS Quality Evaluations, Inc. and found to be in conformance with the requirements set forth by:

ISO 9001:2008

The Quality Management System is applicable to:

海洋装备类船舶、钢质船舶的制造及其钢结构加工

本证书信息可在中华人民共和国国家认证认可监督管理委员会官方网站 (www.cnca.gov.cn)
和本公司官方网站 (www.abs-qe.com) 上查询

证书编号: 52865
生效日期: 2015年10月21日
有效期至: 2018年09月14日
修订日期: 2015年11月12日


Alex Weisselberg, President



Validity of this certificate is based on the periodic audits of the management system defined by the above scope and is contingent upon prompt, written notification to ABS Quality Evaluations, Inc. of significant changes to the management system or components thereof.
ABS Quality Evaluations, Inc. 16855 Northchase Drive, Houston, TX 77060, U.S.A.
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ABS Quality Evaluations

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江苏大洋海洋装备有限公司

组织机构代码: 66576470-X

中华人民共和国
江苏省泰兴市虹桥镇七圩村 邮编: 225453

(WITH ADDITIONAL FACILITIES LISTED ON ATTACHED ANNEX)

Has been assessed by ABS Quality Evaluations, Inc. and found to be in conformance with the requirements set forth by:

ISO 14001:2004

The Environment Management System is applicable to:

海洋装备类船舶、钢质船舶的制造及其钢结构加工

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和本公司官方网站 (www.abs-qe.com) 上查询

证书编号: 52864
生效日期: 2015年10月21日
有效期至: 2018年09月14日
修订日期: 2015年11月12日


Alex Weisselberg, President



Validity of this certificate is based on the periodic audits of the management system defined by the above scope and is contingent upon prompt, written notification to ABS Quality Evaluations, Inc. of significant changes to the management system or components thereof.
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ABS Quality Evaluations

Certificate Of Conformance

This is to certify that the Health and Safety Management System of:

江苏大洋海洋装备有限公司

组织机构代码: 66576470-X

中华人民共和国
江苏省泰兴市虹桥镇七圩村 邮编: 225453

(WITH ADDITIONAL FACILITIES LISTED ON ATTACHED ANNEX)

Has been assessed by ABS Quality Evaluations, Inc. and found to be in conformance with the requirements set forth by:

OHSAS 18001:2007

The Health and Safety Management System is applicable to:

海洋装备类船舶、钢质船舶的制造及其钢结构加工

本证书信息可在中华人民共和国国家认证认可监督管理委员会官方网站 (www.cnca.gov.cn)
和本公司官方网站 (www.abs-qe.com) 上查询

证书编号: 52863
生效日期: 2015年10月21日
有效期至: 2018年09月14日
修订日期: 2015年11月12日


Alex Weisselberg, President



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ISO 9001

ISO 14001

OHSAS 18001

中国船级社质量认证公司 CHINA CLASSIFICATION SOCIETY CERTIFICATION COMPANY		中国船级社质量认证公司 CHINA CLASSIFICATION SOCIETY CERTIFICATION COMPANY		中国船级社质量认证公司 CHINA CLASSIFICATION SOCIETY CERTIFICATION COMPANY	
能源管理体系认证证书 CERTIFICATE OF MANAGEMENT SYSTEM FOR ENERGY		能源管理体系认证证书附件(1/2) ATTACHMENT OF ENMS CERTIFICATE		能源管理体系认证证书附件(2/2) ATTACHMENT OF ENMS CERTIFICATE	
格式: M1102R08 证号: No. CCSC16En0547R0M 江苏大洋海洋装备有限公司 (注册/生产地址: 江苏省泰兴市虹桥镇七圩村 邮编: 225453; 组织机构代码: 66576470-X)		格式: M1102R08 证号: No. CCSC16En0547R0M 江苏大洋海洋装备有限公司能源管理绩效如下: DAYANG OFFSHORE EQUIPMENT CO., LTD. Energy management performance as follows: 表 1: (初次审核适用) Table 1: (Applicable to initial audit)		格式: M1102R08 证号: No. CCSC16En0547R0M 江苏大洋海洋装备有限公司能源管理绩效如下: DAYANG OFFSHORE EQUIPMENT CO., LTD. Energy management performance as follows: 表 2: (各类审核均适用) Table 2: (Applicable to all types of audit)	
兹证明 江苏大洋海洋装备有限公司 (注册/生产地址: 江苏省泰兴市虹桥镇七圩村 邮编: 225453; 组织机构代码: 66576470-X) This is to certify that the Management System for the Management System for Energy (ENMS) of DAYANG OFFSHORE EQUIPMENT CO., LTD. (Registered/Production Add: QWEI VILLAGE, HONGQIAO TOWN, TAIXING CITY, JIANGSU PROVINCE, 225453, P.R.CHINA; Organizational Code: 66576470-X) 建立的能源管理体系符合标准: GB/T 23331-2012/ISO50001:2011 及 RBT 119-2015《能源管理体系 机械制造业企业认证要求》。 The established energy management system conforms to the standard: GB/T 23331-2012/ISO50001:2011 and RBT 119-2015 Energy management systems certification requirements for machinery enterprise. 本证书对下述范围的能源管理体系有效: 地理范围: 江苏省泰兴市虹桥镇七圩村; 产品及活动范围: 钢板船舶的建造过程所涉及的能源采购、接收/贮存、加工转换、输配、使用等过程的管理及节能技术的应用。 This certificate is valid to the following scope for ENMS: "GEOGRAPHIC LOCATION: QWEI VILLAGE, HONGQIAO TOWN, TAIXING CITY, JIANGSU PROVINCE, 225453, P.R.CHINA; PRODUCTS AND ACTIVITIES: BUILDING PROCESS OF STEEL VESSEL, RELATED ENERGY MANAGEMENT ACTIVITIES OF PROCUREMENT, RECEPTION/STORAGE, PROCESSING AND CONVERSION TRANSPORTATION AND DISTRIBUTION, USE AND APPLICATION OF ENERGY-SAVING TECHNOLOGY". 本证书有效期至: 2019年3月1日 。 This certificate is valid until 1 March 2019 . 产品单位产量综合能耗及能耗核算采用附录 A 中规定的计算方法, 以确认本证书的有效性。Product comprehensive energy consumption per product unit and accounted boundary of energy consumption as shown in attachment. This Certificate shall be Subject to Surveillance Audit. is once every year during the Valid Period, up to us to confirm its continuous validity.		核算期间 Accounting period 2015 年 1 月至 2015 年 6 月 From January (month) to June (month) 2015 (year) 工业总产值 (万元) * Ten thousand RMB value output value 10667.72 综合能耗 (吨标煤) * Comprehensive energy consumption 881.96 产品 A: 钢板船舶 Product A: steel vessel 综合能耗 (吨标煤) * Comprehensive energy consumption 881.96 产品产量 Output * 2565.00T 单位产品综合能耗 * Comprehensive energy consumption per unit output 33.6kgce/GCT 万元产值综合能耗 * Comprehensive energy consumption per ten thousand RMB value output 50.8kgce/万元 万元产值增加值综合能耗 * Comprehensive energy consumption per ten thousand RMB value output added value 199.80kgce/万元 能源消耗边界 Boundary of energy consumption accounting 工艺范围/工艺流程 Steel pretreatment, cutting, processing, sectional production, outfitting, painting, closure, ship debugging and testing. 工厂范围/厂内工序 Blanketing process, sub process, coating process, closure process, outfitting process, debugging process; 主要用能设备、耗能设备、空压设备、加工设备等, 切割与焊接设备, 空压机、打磨设备、喷砂设备、运输设备、起重设备及船舶主机和辅机等; Pretreatment equipment, cutting equipment, processing equipment, cutting and welding equipment, air compressor, grinding equipment, spraying equipment, transportation equipment, lifting equipment, vessels, main and auxiliary 主要能源种类 Main types of energy 电力、天然气、柴油、蒸汽、氧气、氮气 Power, natural gas, oil, steam, oxygen, nitrogen		审核类型/审核时间 Audit type and auditing period ☒ 首次审核 Initial audit ☐ 监督审核 The surveillance audit ☐ 再认证审核 Recertification audit ☐ 其他 Other audit 核算期间 2015 年 7 月至 2015 年 12 月 From July (month) to December (month) 2015 (year) 工业总产值 (万元) * Ten thousand RMB value output value 21543.61 综合能耗 (吨标煤) * Comprehensive energy consumption 1092.85 产品 A: 钢板船舶 Product A: steel vessel 综合能耗 (吨标煤) * Comprehensive energy consumption 1092.85 产品产量 Output * 3267.90T 单位产品综合能耗 * Comprehensive energy consumption per unit output 33.44kgce/GCT 万元产值综合能耗 * Comprehensive energy consumption per ten thousand RMB value output 50.76kgce/万元 万元产值增加值综合能耗 * Comprehensive energy consumption per ten thousand RMB value output added value 196.61kgce/万元 能源消耗边界 Boundary of energy consumption accounting 工艺范围/工艺系统 Steel pretreatment, cutting, processing, sectional production, outfitting, painting, closure, ship debugging and testing. 工厂范围: 下料工序, 分段工序, 涂装工序, 合拢工序, 舾装工序, 调试工序; Blanketing process, sub process, coating process, closure process, outfitting process, debugging process; 主要用能设备、耗能设备、空压设备、加工设备等, 切割与焊接设备, 空压机、打磨设备、喷砂设备、运输设备、起重设备及船舶主机和辅机等; Pretreatment equipment, cutting equipment, processing equipment, cutting and welding equipment, air compressor, grinding equipment, spraying equipment, transportation equipment, lifting equipment, vessels, main and auxiliary 主要能源种类 Main types of energy 电力、天然气、柴油、蒸汽、氧气、氮气 Power, natural gas, oil, steam, oxygen, nitrogen	

GJB Weapon Engineering Quality Management System



Our Quality Culture



✓ We based on and will continue to focus on every detail.

Before Welding



After Welding



Piping



Piping



Outfitting

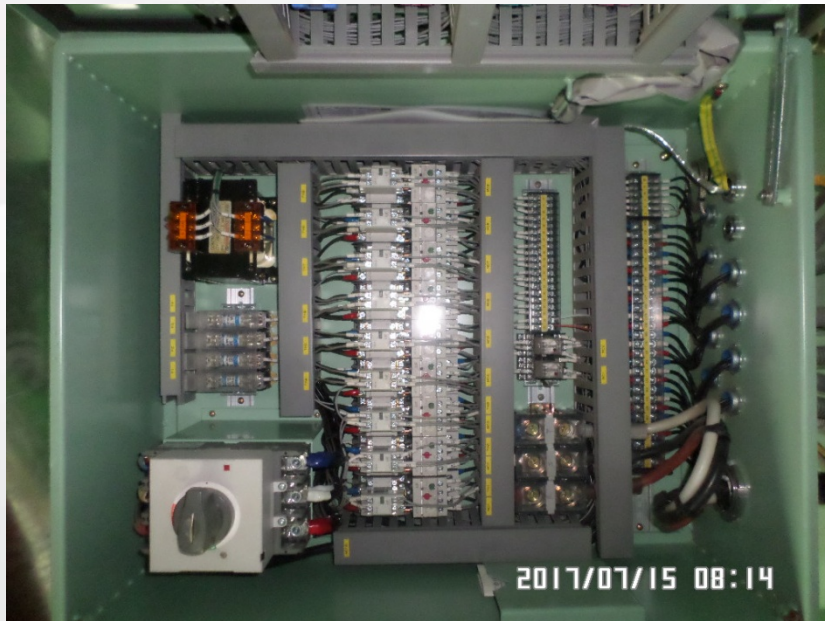


Outfitting





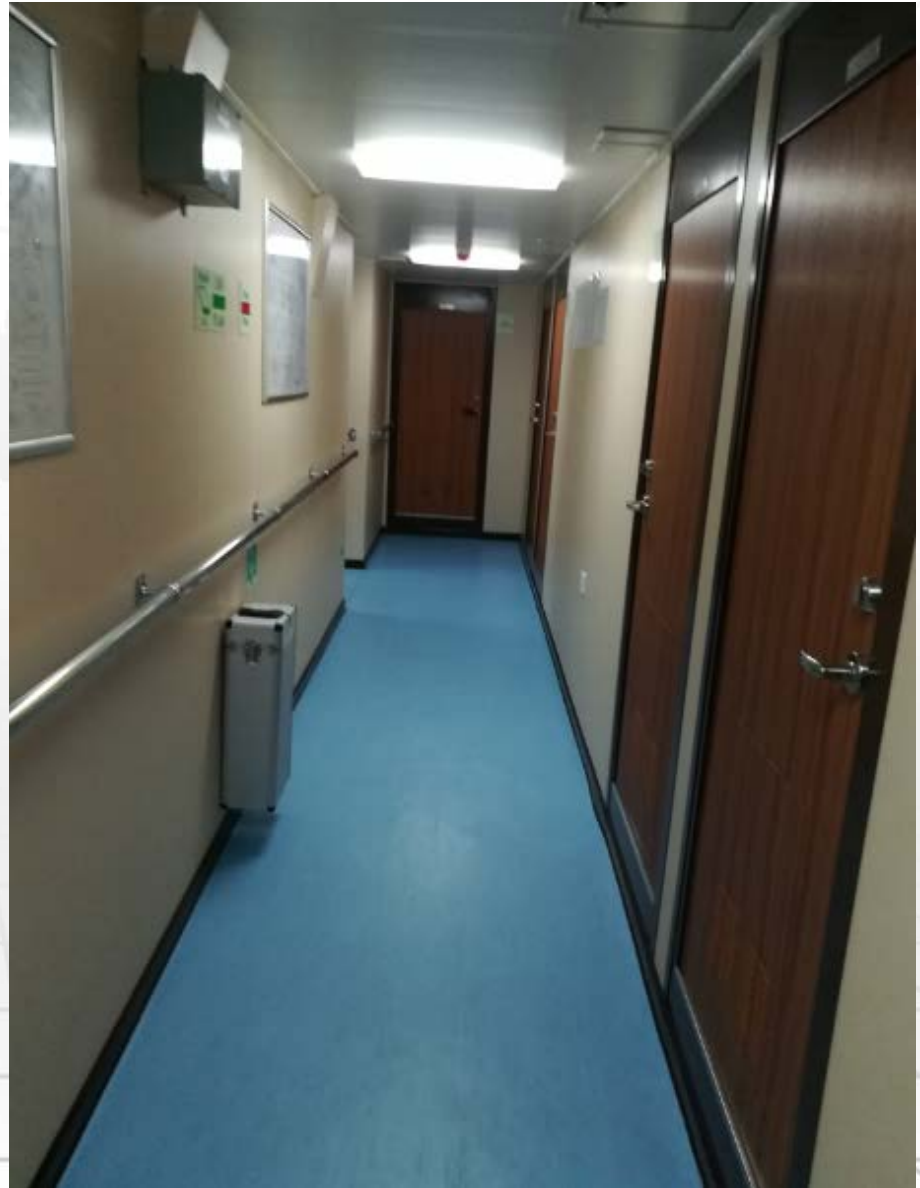
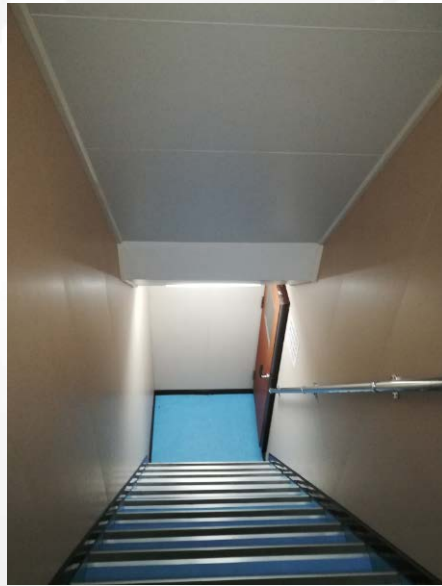
Cabling



Erection



Internal Decoration



Internal Decoration



Refund Guarantee & Financial Support



RG: Bank Of China

Guarantee: State-Owned Company





Our Reference



Offshore
Vessel

AHTS
OCV
AWV & AWB
PSV
MPSV
Tug
Heavy Lift Pipe Layer
DSV

Bunker

Oil Tanker

LPG

Cargo Ship

Deck Cargo Ship

Asphalt Tanker



Merchant
Vessel

Conventional

Propulsion
Type

Electric
Propulsion

Hybrid



Our Reference – Offshore Vessels



Our Reference – Merchant Vessel



Our Reference – Special Vessel



Successful Cases



Owner: Hai Soon

Charterer: Fratelli Cosulich

Case: 0 claim after delivery

Back with repeat order—8k Tanker



Owner: Yujin Holdings

Charterer: Shell Singapore

Case: 2M delivery in advance

Back with repeat order-13k Chemical



Our Clients



Our Partners



YANMAR

CATERPILLAR

N/GATA

FFS
Fire Fighting Systems

Cummins


KONGSBERG


zenitel



MMC
green technology

TAIKO TAIKO KIKAI

ATS AIRTRADE

 **SEAPLUG**
A Tyco International Company

 **TETRA Fire**
Engineering Pte Ltd

 **TERASAKI**

 **JEBSEN & JESSEN**
OFFSHORE

 **CLLS**
SINGAPORE

 **AROX**
SINGAPORE

 株式会社 赤阪鐵工所

FURUNO

 **Kawasaki**
Powering your potential