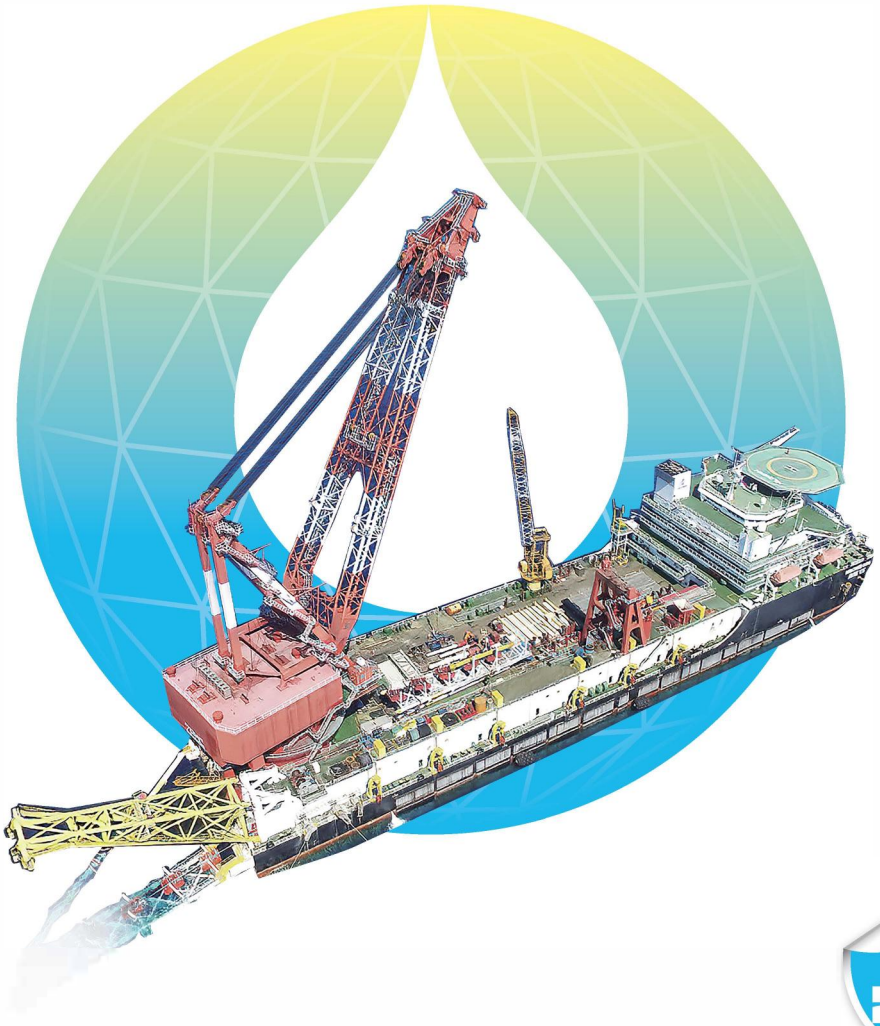
OFFSHORE
ENGINEERING



www.hilonggroup.com

HILONG
HILONG GROUP OF COMPANIES

海隆石油海洋工程有限公司
Hilong Petroleum Offshore Engineering Co, Ltd.

Integrated Offshore EPCIC Project Delivery

Engineering | Fabrication | Installation | Commissioning | Decommissioning



CHEVRON IR PROJECT,
THAILAND

20+ COUNTRIES

4000+ EMPLOYEES

24 YEARS

OILFIELD EQUIPMENT

- Drilling Tool
- Drilling Tubes
- OCTG Coating Services
- Hard banding
- Mine Drilling Tool

LINEPIPE TECH & SERVICES

- Line pipe coating services,
- Manufacture of CRA lined pipe
- CWC services
- Pipeline inspection services

OILFIELD SERVICES

- Drilling & Workover
- Oil balling
- Drilling fluid and other oilfield technical services
- Onshore Drilling Turn-key Services

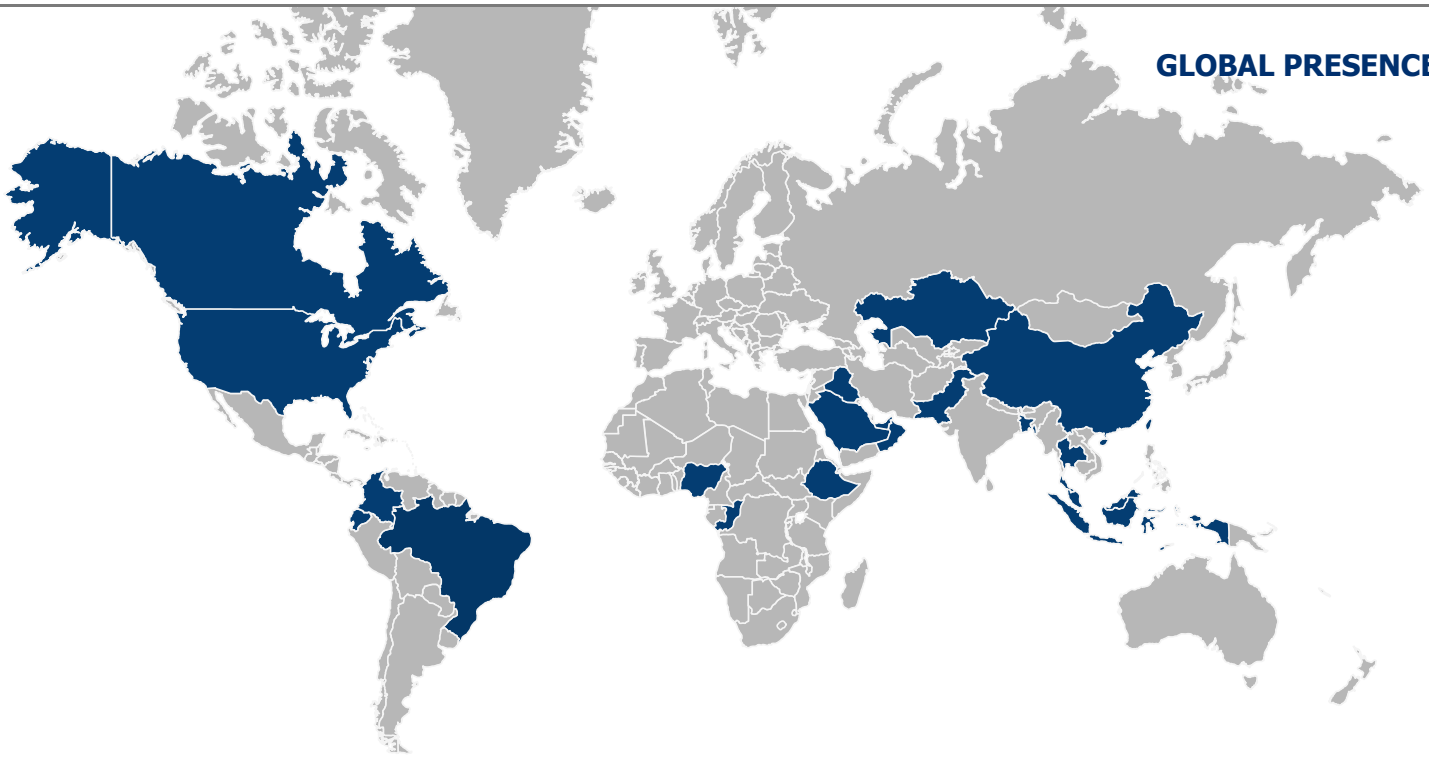
OFFSHORE ENGINEERING

- EPCI Contracting
- Engineering Design
- Onshore Fabrication & Construction
- Offshore Installation
- Test & Commissioning
- Lifecycle Service

NEW MATERIAL

- Marine Coating
- Protective Coating
- OCTG Coating
- Line Pipe Coating

GLOBAL PRESENCE



RELENTLESS PURSUIT OF EXCELLENCE OF OUR SSHE AND QUALITY PERFORMANCE

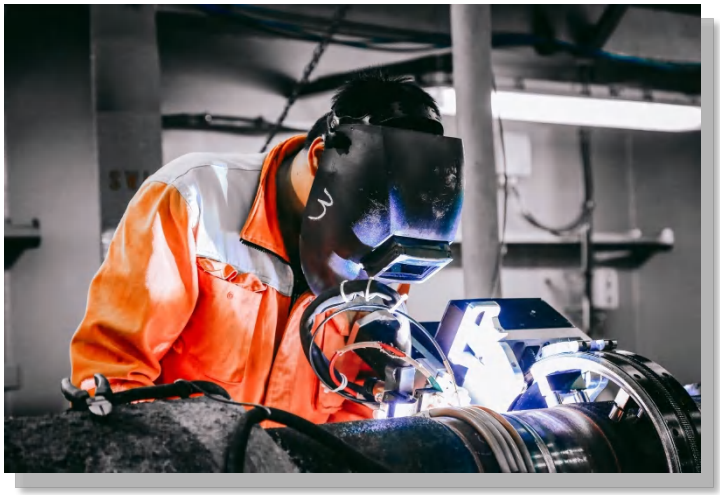
At HILONG OFFSHORE ENGINEERING, Quality, Health, Safety and Environment is more than a requirement—it is our core commitment. Driven by integrity, we create value for clients and empower our global workforce.

Through a robust and integrated QHSE management system, we ensure safe and efficient project delivery, supporting sustainable and resilient growth.

Supported by a robust management system and international certifications,

we are trusted by leading energy companies including Shell, BP, Chevron and Eni. This recognition reflects our Strong Execution, Consistent Performance, and Commitment to Excellence.









Management System & Certificates



- ISO 9001: 2015
- ISO 14001: 2015
- ISO 45001: 2018
- ISM Code
- OHSAS 18001: 2007
- ENGINEERING CERT.

JDA Block B-17 PHASE IV DEVELOPMENT, THAILAND

EPCIC CONTRACTOR

- Project Management
- FEED
- Detail Design
- Procurement
- Onshore Fabrication
- Offshore Transportation & Installation
- Pre-Commissioning & Commissioning
- Decommissioning



CNOOC PIPELAYING PROJECT,
CHINA

Hilong provides end-to-end EPCIC solutions across the full project lifecycle, from ENGINEERING to DECOMMISSIONING.

From ONSHORE to OFFSHORE, and from CONCEPT DESIGN to DECOMMISSIONING, we leverage our expertise, quality assets and strong partnerships to address industry challenges—providing Reliable One-Stop Solutions that ensure our clients' success.



People Oriented

Custom Focused

Project Driven

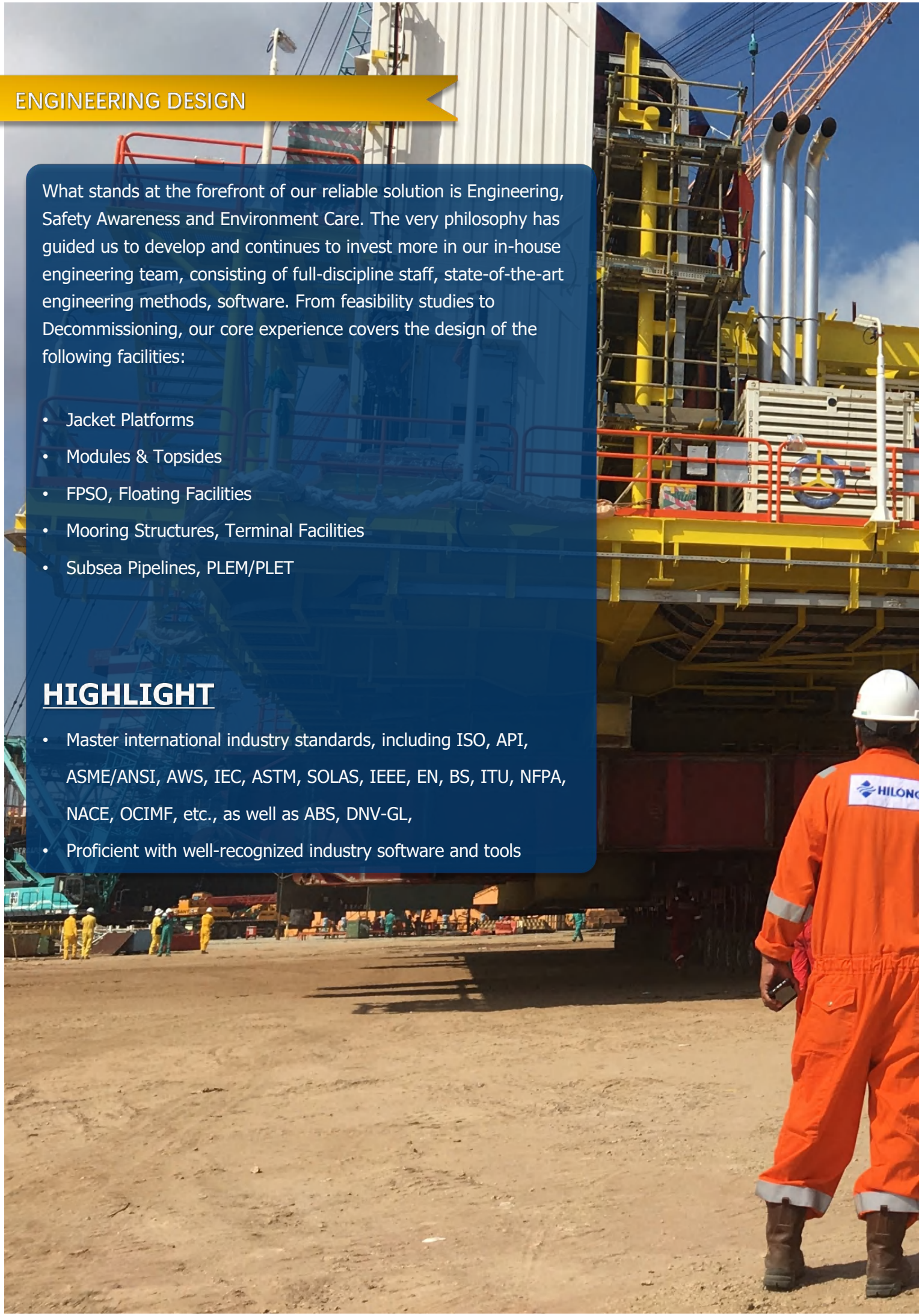
ENGINEERING DESIGN

What stands at the forefront of our reliable solution is Engineering, Safety Awareness and Environment Care. The very philosophy has guided us to develop and continues to invest more in our in-house engineering team, consisting of full-discipline staff, state-of-the-art engineering methods, software. From feasibility studies to Decommissioning, our core experience covers the design of the following facilities:

- Jacket Platforms
- Modules & Topsides
- FPSO, Floating Facilities
- Mooring Structures, Terminal Facilities
- Subsea Pipelines, PLEM/PLET

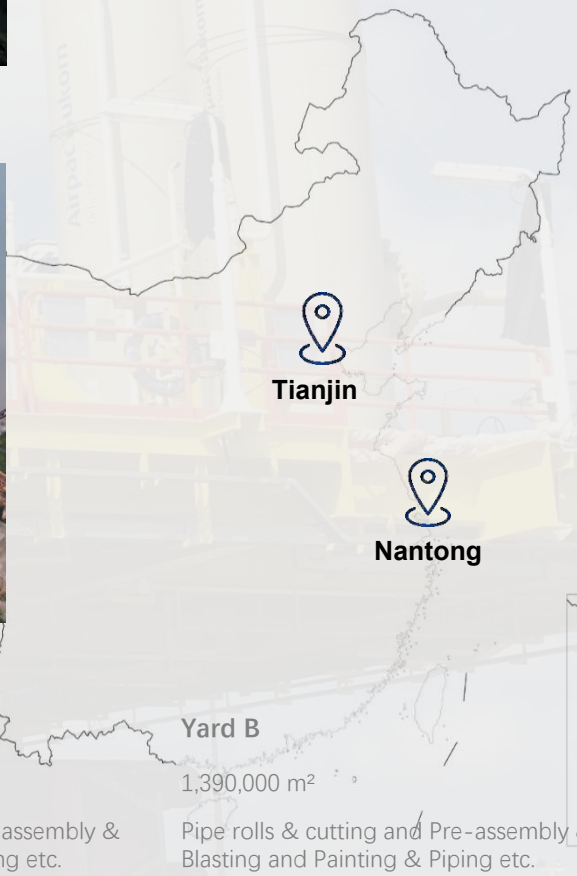
HIGHLIGHT

- Master international industry standards, including ISO, API, ASME/ANSI, AWS, IEC, ASTM, SOLAS, IEEE, EN, BS, ITU, NFPA, NACE, OCIMF, etc., as well as ABS, DNV-GL,
- Proficient with well-recognized industry software and tools









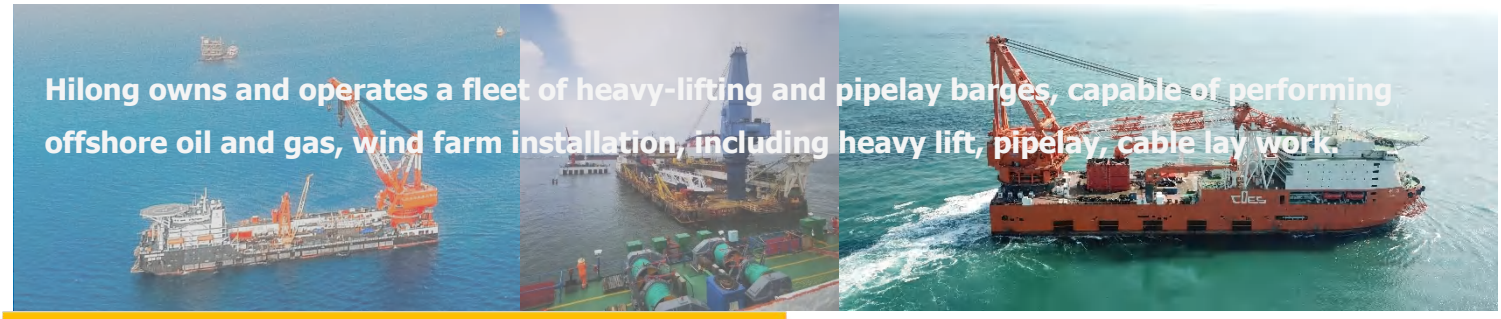
	Yard A	Yard B
Yard Area (square meters)	330,000 m²	1,390,000 m²
Facilities & Workshop	Pipe rolls & cutting and Pre-assembly & Blasting and Painting & Piping etc.	Pipe rolls & cutting and Pre-assembly & Blasting and Painting & Piping etc.
Bridge & gantry & crawler Cranes	800 MT * 2	400 MT/2*11,000 MT/650 MT
Load out:	SPMT	Skidway/Lifting/SPMT
Quayside/Water depth	385 m/-11 m	1,770m/- 8m

ONSHORE FABRICATION

With its professional project management team and seasoned staff, in conjunction with strategic partners of FABRICATION Yards in China, we're well dedicated in providing construction and fabrication management services for following facilities

- Jacket structure and topside for Fixed Offshore Platform
- Topside Modules for FPSO, FLNG and other Floaters
- Subsea Structures
- Modules for onshore LNG plant and Petro-chemical plant
- E-House and Living Quarter
- Equipment Module and Skid Mounted Equipment

HILONG



OFFSHORE INSTALLATION

FLAGSHIP - HILONG 106

PIPELAY

HEAVYLIFT

PILE DRIVING

SURF INSTALLATION

- Built in 2012
- Built by: ZPMC
- Flag : HONG KONG
- Registry : ABS

Hailong 106 is a Derrick Pipelay and Heavy Lift Barge with a 3,000 MT full revolving crane, with clear deck over 1,500m2 and accommodation for up to 302 men. This excellent DLB is fully capable of dealing with the challenges in most waters below 300m in the world.

Main Particulars

Principle Dimensions

Length overall	169m
Breadth Moulded	46m
Depth to Main Deck	13.5m
Max Pipelay Water Depth	300m
Operating Draft	7.0-8.7m
Berth	302 pax

Machinery

Generator

Main Generator Set:	4×2,650 KVA

Derrick Crane

Main Hook (Fixed)	3,000T@30m, 14m span
Main Hook (Rotary)	2,000t@35m, 12m span

Mooring System

Position Anchor	12×12,000kg, STEVPRIS

Pipelaying System

Pipe Diameter	4" to 60" (Inc. Coating)
Pipe Tensioner	Remacut 2×100t,30m/min
A/R Winch	Remacut 200t
Davit Crane	ZPMC, 6×50t, 300m
Pipe Handling Crane	40T
Work Stations (S.J.)	5-Weld, 1-AUT+Repair, 3 FJC
Work Stations (D.J.)	3-Weld, 1-AUT+Repair, 3 FJC
Auto Welding Machine	5×SATURNAX 05, SERIMAX



Commissioning Ability

- Pre-commissioning of discipline, commissioning procedure design ability
- System/subsystem breakdown and markup drawing
- Pre-commissioning, commissioning whole process commissioning network diagram design ability
- Pre-commissioning, commissioning process control ability
- Pre-commissioning, commissioning whole process resource integrate ability
- Commissioning digitalization control ability
- LOTO control ability
- Platform startup, maintenance, and operational ability

Digitization Ability

- have the ability of digital integration and R&D of the whole process from design, sales, supply chain, production to operation and maintenance
- have the ability to plan the process, equipment selection and installation of intelligent factory construction
- have the abundant industry experience and software technology reserve


OFFSHORE DECOM
DECOMMISSIONING
STRATEGY & PLANNING
MAKING SAFE & PREPARATIO
TOPSIDE & SUBSTRUCTUR E REMOVAL
SUBSEA & SITE REMEDIATION
TOPSIDE & SUBSTRUCTUR E REUSE
MONITORING
Decom FEED study
Project Management & Engineering
Advice on regulatory
Approvals & consents
Procurement & Supply Chain Management
Environmental Impact Assessments
Flushing, cleaning and disconnection of pipelines, flexibles, umbilical & jumpers
Survey & inspection
Conditioning & barriers
Diverless intervention tooling
Retrofit nonintrusive tree interrogation
Piece small
Reverse installation-cutting & recovery of topsides, jackets, subsea structures including risers, piles, mild water arches and mattresses etc.
Pipeline & umbilical burial
Heavy lift capacity to 3,000t
Transportation by sea & road
Debris clearance
Site monitoring/ survey
Reception facilities
Onshore treatment & disposal of materials
Noxious Liquids and Chemicals approvals, & recovery of waste hydrocarbon both with DNV & Lloyds
Local waste broker registration enables Hilong to arrange for client's waste to be treated, transported and disposed
Survey & inspection of buried & remaining infrastructure
Over-trawl survey



Hilong Offshore Engineering is backed by a highly experienced international team, with professionals from leading global engineering and energy companies and a strong track record in delivering complex offshore projects.

Proven Expertise

Shallow Water Platforms | FPSO | FLNG | Subsea Systems | Offshore Structures

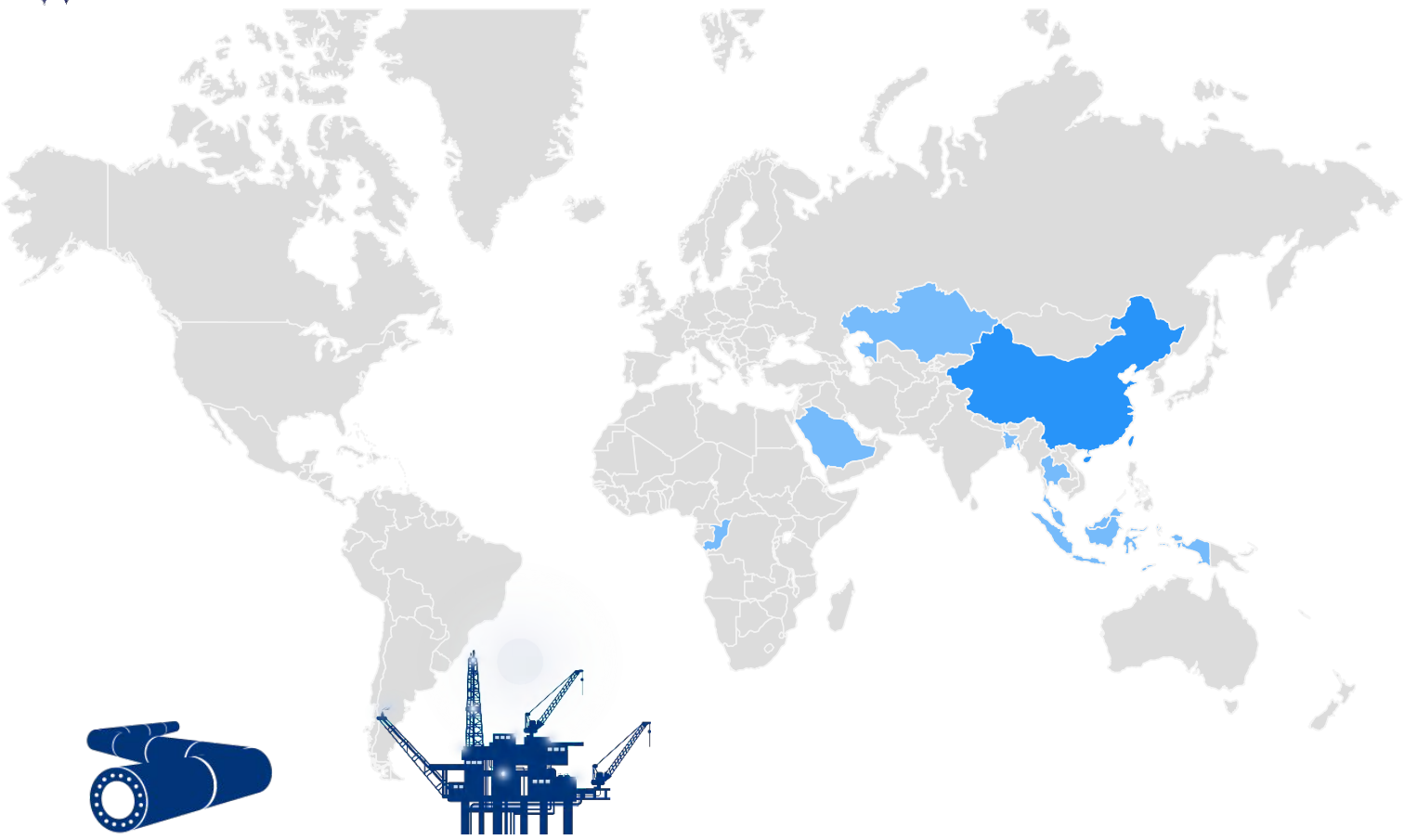
Execution Excellence

Rapid Response | Standards-Driven | Digitally Enabled | Reliable Delivery

Driven by professional excellence and strong execution, we deliver High-Quality, Dependable Offshore Solutions to clients worldwide.

CONGO LNG EPCIC PROJECT, CONGO

TYPICAL TRACK RECORD



400+KM Offshore Pipeline

40+nos. Offshore Platforms

Project Name	Project Owner	Location
DONGYING 250K MT Crude Oil Import FEED Optimization & Detail Design	Minda Logistics	CHINA
Marine XII Field Development – WHP1 Topside EPC+T&I+HUC, WHP1 Upgrade	Eni Congo	CONGO
Marine XII Field Development – WHP4RP, WHP5, MWA T&I+HUC, WHP4 modification	Eni Congo	CONGO
Transportation, Installation (IR) Support of Topside, Jacket and Associated PL for WHP/PL Campaign and Removal Support of Topside, Jacket and PL for Removal Campaign	Chevron	THAILAND
PBHY Phase II Development Project Offshore Pipeline EPCIC	CNOOC	CHINA
Weizhou 12-2/11-4N Oil Field Phase II Development Pipeline Installation	CNOOC	CHINA
CNOOC Bohai Bay Oilfield Cluster Development Pipeline Installation	CNOOC	CHINA
JDA BlockB-17 Development Project Phase 4 Transportation & Installation	CPOC	THAILAND
Block G11/48 NONG YAO field pipeline installation Project	Valeura Energy	THAILAND
Bokor Phase 3 Re-development Project	Petronas	MALAYSIA
BP Tangguh Expansion Project	BP Indonesia	INDONESIA
Bangladesh SPM and Double Line Offshore Pipeline Installation	Bangladesh Petroleum	BANGLADESH
MRJN Field Development Offshore Transportation & Installation EPC	Saudi Aramco	SAUDI ARABIA
Offshore Wind: CGN Guangdong Integrated & HUADIAN YANGJIANG QINGZHOU III & CGN Huizhou Harbor II	CGN	CHINA

View More

WHY CHOOSE HILONG OFFSHORE?



Your efficient & reliable partner, integration of People, Supply Chain, Global Network, collectively delivering excellence to your projects.

DELIVERING EXCELLENCE

People Oriented



- Focus on HSE and Sustainable development
- Passionate at work, highly responsive, efficient team to maximize the added value to your projects.
- Extensively experienced leaderships and hands-on management to ensure delivering excellence as we committed.
- Strict compliance with international recognized standards and codes
- Project-oriented organization structure
- Talented and skilled project execution team

Chain of Value



A portfolio of supply chain enables us providing integrated solutions for offshore projects:

- ☐ Engineering Design
- ☐ Project Management
- ☐ Procurement
- ☐ Construction Management
- ☐ Multifunctional offshore construction vessel
- ☐ Pipeline fabrication
- ☐ Material handling
- ✓ Anti-corrosion
- ✓ Concrete Weight Coating
- ✓ NDT Inspection
- ✓ Pipeline Pigging
- ☐ Commissioning

Global Network



- ☐ Hilong Group successful operation performance in 40+ locations, 20+ countries
- ☐ Strategic alliance with local partners to smoothly understand client's needs and timely response
- ☐ Local establishment of operational facilities
- ☐ Localized Employment

OFFSHORE ENGINEERING

HILONG
海隆石油工业集团

Address: Hilong Tower, Longshi Plaza,
No.288 Shen Chang Rd. Minhang District,
Shanghai, P.R. China
Tel：+86 21 5858 8737
Mail: marketing@hilonggroup.com

www.hilonggroup.com