

HSG SUNGDONG General Information

An aerial photograph of the HSG Sungdong shipyard. The facility is situated along a dark blue body of water, with several large yellow gantry cranes and industrial buildings visible. In the background, there are large, brownish-green mountains under a clear sky. A yellow speech bubble with the text "WE ARE HERE" points to the shipyard area.

WE ARE HERE

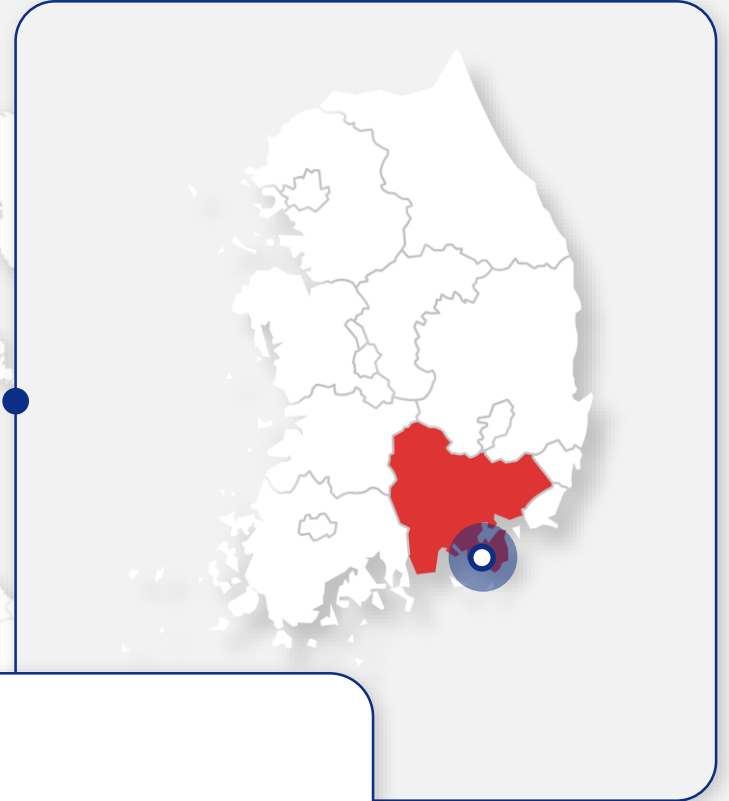
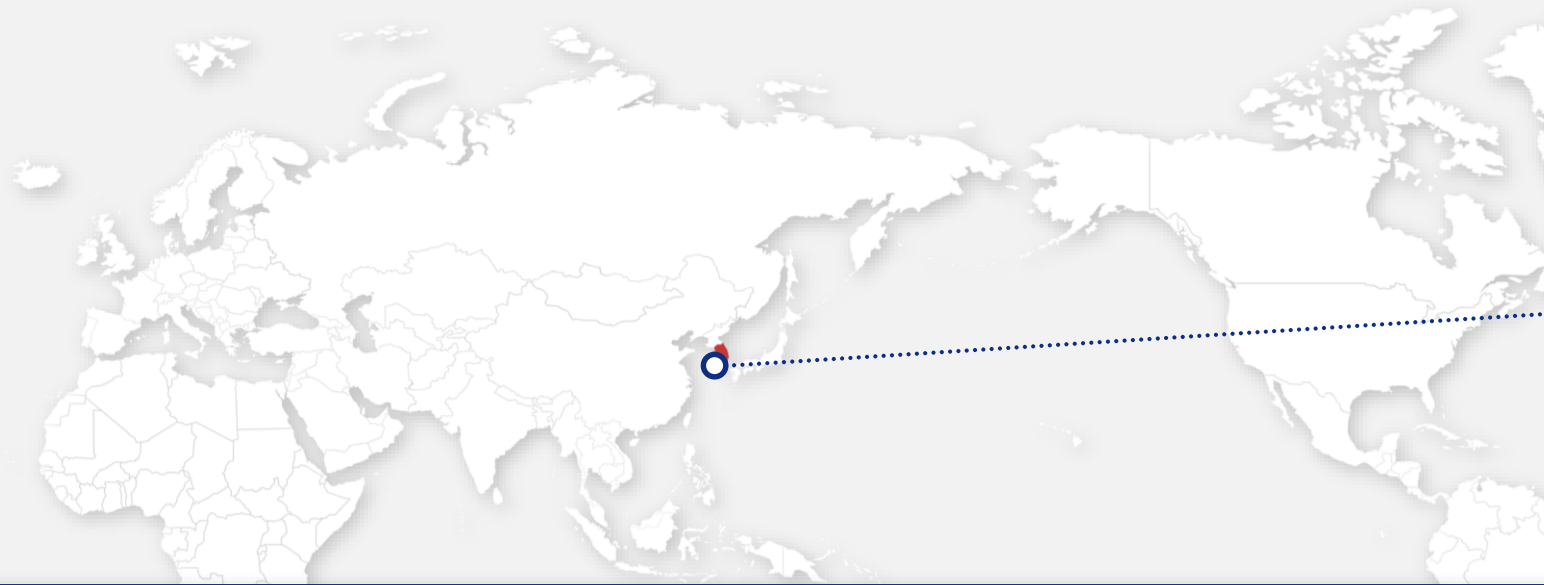
Sep. 2023

HSG SONGDONG INTRODUCTION

Challenge to THE Value



COMPANY OVERVIEW

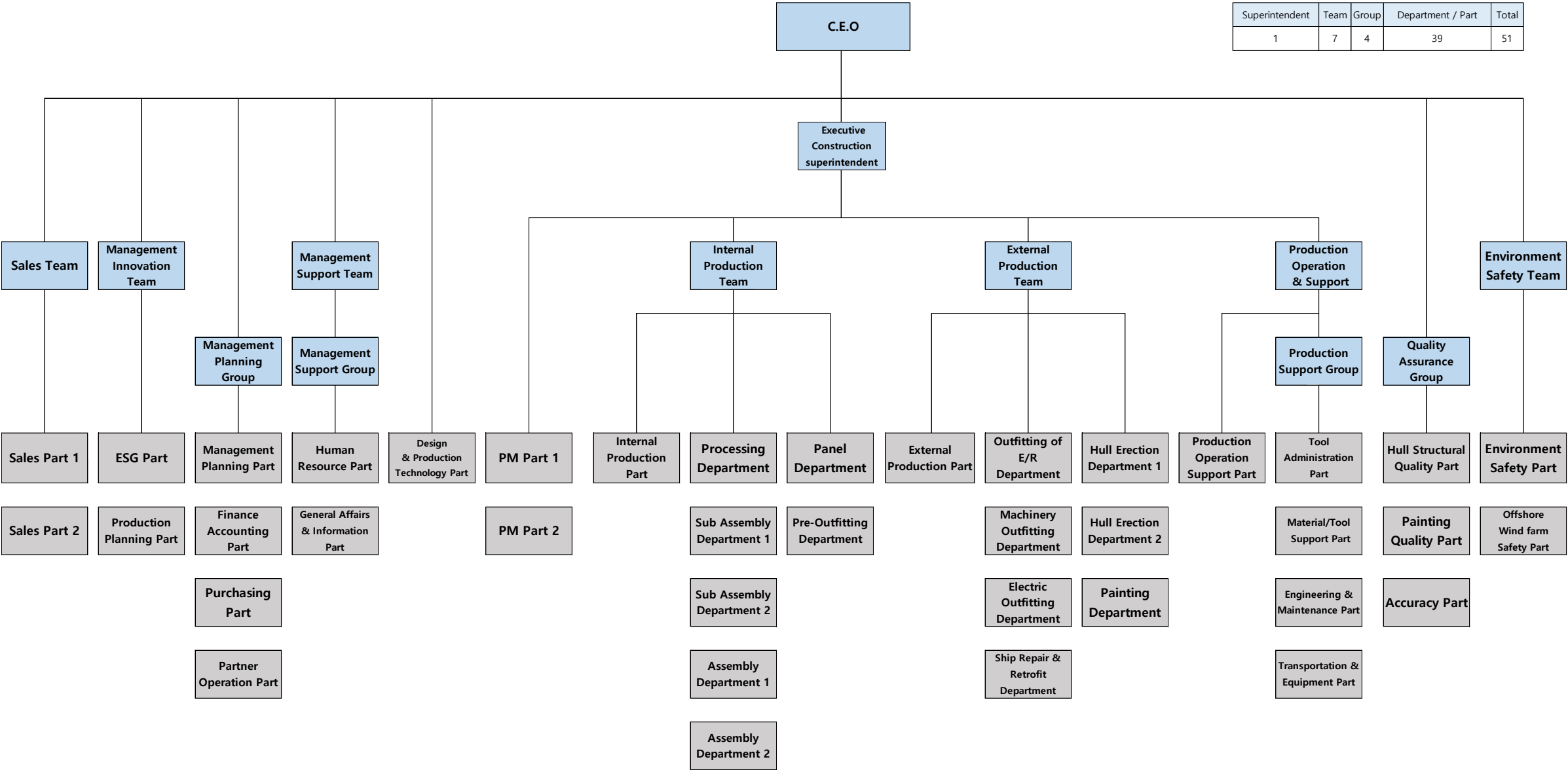


HSG SUNGDONG SHIPBUILDING

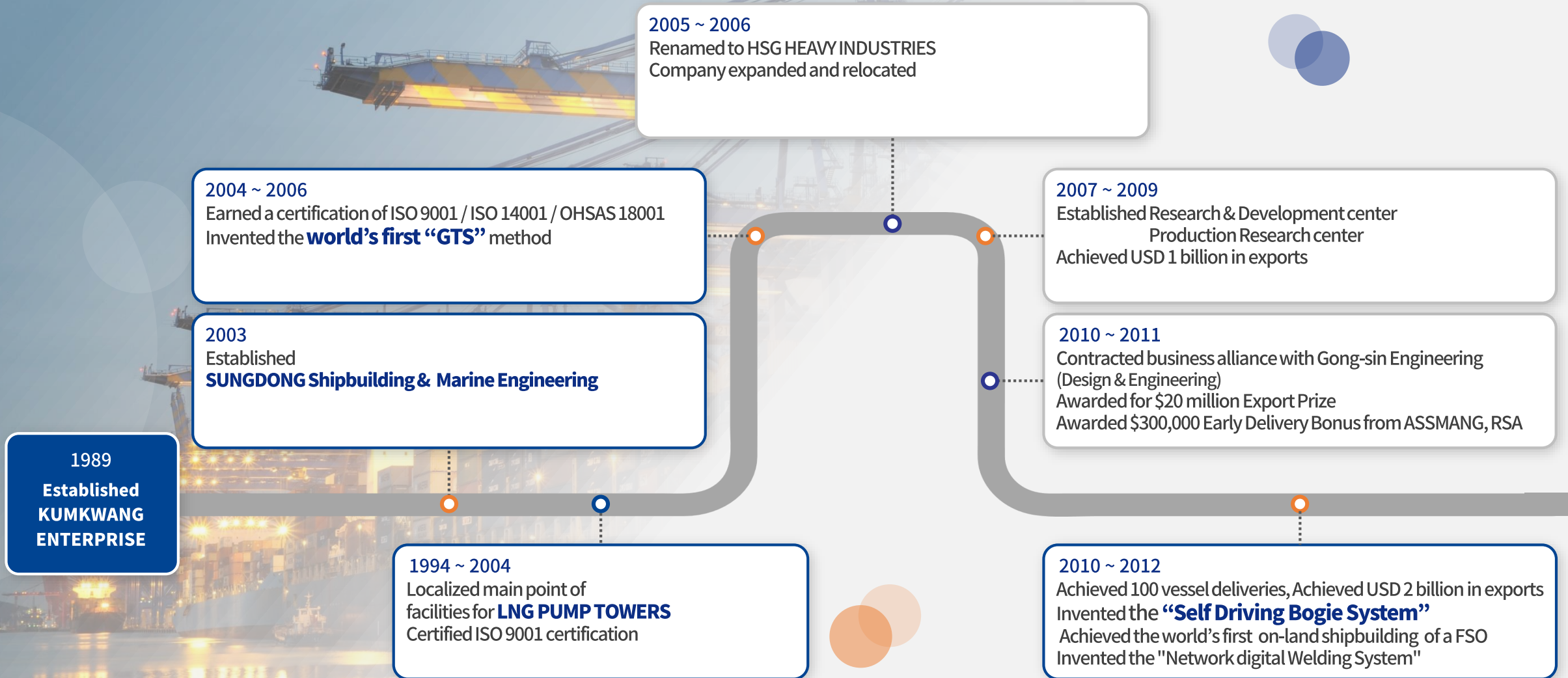
ADDRESS :	940 Gongdan-ro, Gwangdo-myeon, Tongyeong-si, Gyeongsangnamdo
ESTABLISHMENT:	March 2003
YARD AREA:	Total 119 ha (1,190,000m ²)
MAJOR PRODUCT:	Offshore Wind Farm & Plant, Ship Block, Gas Tank, Repair(incl. Retrofit) & Others
EMPLOYEES:	2,084 Persons (697 direct employment, 1,387 in-house sub-con.)

*As of Aug 2023

ORGANIZATION



HISTORY



THE CREATOR OF POSSIBILITIES

Combined with over 30 years of technology

&

The pride of World Ranking Shipbuilding

2013 ~ 2015

Certified OHSAS 18001 certification
Open up the **Sacheon Factory**
Successful accomplishment of **Offshore**
(LEG & Jack-up sys')

2020.4

Merged with HSG and SUNGDONG
Newly started with “**HSG SUNGDONG**”

2013 ~ 2019

Invented “the Network digital Welding System”
Opened Center of Welding Qualification
Achieved deliveries of 267 vessels
Rehabilitation Program under court Receivership(2018~)

2020 ~ NOW

Changed in Product line
Certified **ISO 3834-2:2006**
Patents on installation method of offshore wind power structure

PRODUCT



**OFFSHORE
WIND FARM**



WTIV



**SHIP BLOCK
SHIP REPAIR**



**LNG/LPG
TANK**



PERFORMANCE RECORDS

ITEM	TYPE	Q'TY	REP. SIZE	MAJOR CLIENT / WORK SCOPE
OFFSHORE WIND FARM	• Jacket (on-going)	33	-	• ORSTED
	• Transition Piece • Jacket	30 19	-	• HESI
	• WTIV (8Mw Class)	1	14,000Ton	• HESI
LNG & LPG TANK	• LNG TANK (IMO Type-B DF Tank) • LPG TANK (IMO Type-A DF Tank)	5 10	12,000m ³ 24,000m ³	• HHI, HSHI
SHIP BUILDING	• Container • Crude Oil Carrier & Shuttle Tanker • Bulk carrier • Product Carrier • FSO & Etc. • TOTAL	20 27 132 78 10 267	8,800 TEU 158K DWT 18K DWT 75K DWT -	• ENTERPRISE / VALE / TSAKOS / COSTAMARE / ZODIAC
OFFSHORE STRUCTURE	• Platform • Jack case (frame) • Leg Structure • Crane Pedestal • Column / Jacket / TP	9 6 4 1 3/19/30	1,700 Ton 2,880 Ton 9,224 Ton 2,276 Ton -	• SHELL / TOTAL / STATOIL / EXXON / ORSTED / BP
SPECIAL HANDLING FACILITIES	• Goliath Crane • Continuous Ship Unloader • Rail Mounted Quayside Crane	3 5 2	900 Ton 1,300 Ton 1,152 Ton	SHI / DOOSAN / SIEMENS
SHIPREPAIR & RETROFIT	• LNG Carrier (Membrane Type) • Container • Bulk carrier • Oil Tanker • Others	16 23 9 13 10	125~174K CBM 2.8K~9.6K TEU 55K~251K DWT 75K DWT -	(WORK SCOPE) • LNG TK / Special Survey / • Steel Work / Painting • SOx Scrubber Retrofit • BWTS Retrofit

PRODUCTION CAPACITY

※ Base : Offshore Wind Farm, Ton/Month

CATEGORY		1YARD	2YARD	TOTAL
TREATMENT			26,000	26,000
STEEL BAY			36,000	36,000
STEEL CUTTING			25,000	25,000
COMPONENT ASSEMBLY		6,000	18,000	24,000
ASSEMBLY	PANEL	3,500	9,000	12,500
	ASSEMBLY	2,500	7,000	9,500
	SUM	6,000	16,000	22,000
PAINTING		8,000	20,000	28,000
ERECTION		8,000	19,000	27,000

LAY - OUT

- AREA : 1,190,000m²(198,000m²/1Yard + 992,000m²/2Yard)
- QUAY : 1.93Km
- SKID : 6 Lines(2Lines/1Yard, 4Lines/2Yard)
- CRANE : Goliath Crane 5EA
- Floating Dock : 80,000TLC, L320 x B55

QUAY	1L	2E	2D	2C	2B	2A	2L
LENGTH	145M	205M	330M	255M	325M	325M	345M
CRANE(LLC) CAPA'	-	-	45ton	40ton	60, 40, 30 ton		-
WATER DEPTH	5m	7.5m	7m	7m	12m	12m	8m



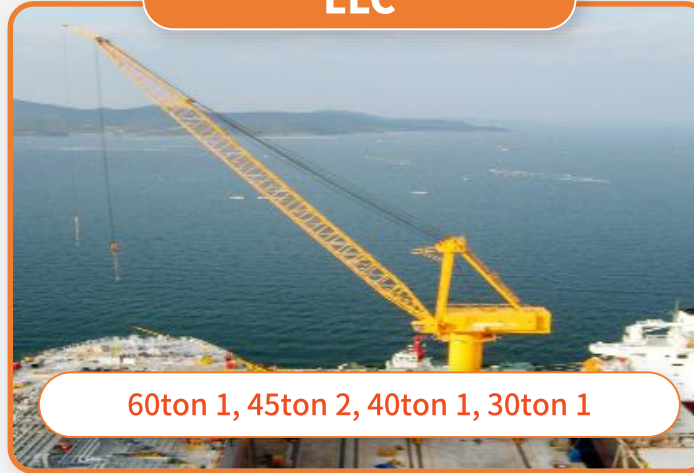
FACILITIES

GOLIATH CRANE



900ton 2, 750, 700, 450ton

LLC



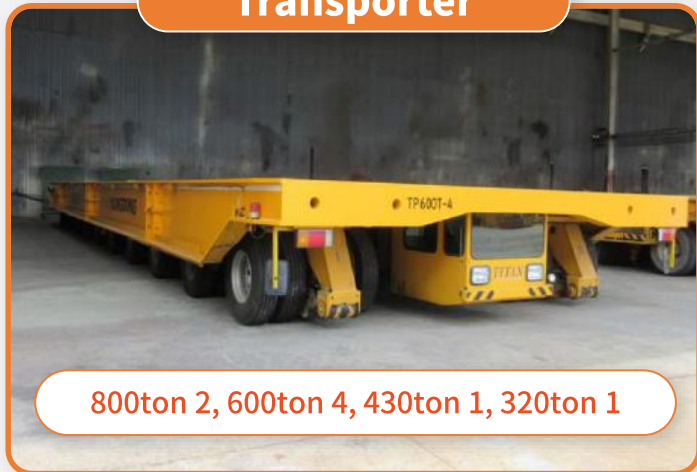
60ton 1, 45ton 2, 40ton 1, 30ton 1

Floating Dock



Lifting Capacity: 80,000ton

Transporter



800ton 2, 600ton 4, 430ton 1, 320ton 1

SPMT



30ton x 102axis = 3,060ton



CORE VALUES



**RESPECTING
HUMAN**

01



**ENVIRONMENTAL
VALUE**

02



**SAFETY
FIRST**

03



**CUSTOMER
SATISFACTION**

04

HEALTH, SAFETY AND ENVIRONMENT




H S E POLICY

HSG SUNGDONG Shipbuilding Co., Ltd implement following HSE priority management to achieve safe & healthy life of customer and all member of HSG SUNGDONG Co., Ltd. as a global leader of shipbuilding/Offshore & Renewable energy industries.

--- The following ---

1. The HSE management policy informs all stakeholders, both internal and external, to be able to participate and never be compromised with anything for HSE
2. All employees comply with HSE laws and regulations, and continue to develop the HSE management system to make company that No Accident, No industrial disease, No environmental pollution.
3. Discover risk factors and manage systematically through risk assessment and environmental impact assessment.
4. The capabilities of executives and employees are strengthened through HSE education & training and implement investment to make safe workshop as a top priority.
5. To create a healthy and clean workshop, work environment improvement and employee health promotion programs are activated.
6. We actively participating in environmental protection activities, such as energy saving and waste reduction.

1. Sep. 2023

Safety and Health Management Officer JIN SANG LEE 

HEALTH, SAFETY AND ENVIRONMENT

HEALTH CARE SYSTEM

Qualified Emergency Personnel
: 3 Nurses & 1 Physical Therapist



Nurses are stationed in Health Care Center



Qualified therapist is stationed in Physical Therapy Room

EMERGENCY RESPONSE SYSTEM

Systematize Rescue/First Aid/Remove Hazard,
Run a Emergency Call Center



Safety Bulletin Operation



Do emergency training with own vehicles

HEALTH, SAFETY AND ENVIRONMENT

SAFETY

ZERO

FATALITY ACCIDENT

2020 ~ As of now

ENVIRONMENT

ISO 45001

Health & Safety Management System



**MANAGEMENT SYSTEM
CERTIFICATE**

Certificate no.: C982091 Initial certification date: 26 February 2020 Valid: 26 February 2023 – 25 February 2026

This is to certify that the management system of
HSG Sungdong Shipbuilding Co., Ltd.
940, Gongdan-ro, Gwangdo-myeon, Tongyeong-si, Gyeongsangnam-do, 53006, Republic of Korea

has been found to conform to the Occupational Health and Safety Management System standard:
ISO 45001:2018

This certificate is valid for the following scope:
Design, Development and Manufacture of Steel Structure Blocks for Off-Shore Steel and Ship Building.

Place and date:
Barendrecht, 15 February 2023

For the issuing office:
DNV - Business Assurance
Zwaluwweg 1, 2994 LB Barendrecht,
Netherlands

Eric Koek
Management Representative



Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.
ACCREDITED UNIT DNV Business Assurance B.V., Zwaluwweg 1, 2994 LB, Barendrecht, Netherlands - TEL: +31 (0) 10 262 2650 - www.dnv.com/assurance

ISO 14001

Environmental Management System



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has been found to conform to the Environmental Management System standard:
ISO 14001:2015

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QUALITY MANAGEMENT SYSTEM

01

World Class Quality

02

Developed & Differentiated Service and Product

03

Customer Satisfaction

04

System of Quality Management

Quality Management POLICY

We, HSG Sungdong Shipbuilding Co., Ltd. will enhance our individual capacities to meet rapidly changing market environments.

We will do our best in fulfilling our duties to assure customers' trust.

HSG 성동조선은 급속도로 변화하는 시장 환경에 대응하기 위하여 개인의 업무 역량을 강화하고, 고객의 신뢰를 확보하기 위해 직무 수행에 최선을 다한다.

We declare the following quality policies to achieve continuous quality improvement and to provide better products and services to our customers.

우리는 고객에게 보다 나은 품질의 제품과 서비스를 제공하고 지속적인 품질 개선을 이루기 위하여 다음과 같이 품질방침을 정한다.

1. To achieve corporate quality at the advance level
(선진 수준의 총합 품질 확보)
2. To develop differentiated products leading the market
(시장 선도 제품 개발 및 차별화)
3. To prove the quality and services that continually satisfies customer
(고객이 만족하는 품질 달성)
4. To maintain the optimum quality management system
(최적의 품질경영시스템 운영)

We recognize these quality policies and will perform the individual duties in compliance with this quality management system.

우리는 위의 품질방침을 인지하고 당사의 품질경영시스템을 준수하여 업무를 수행한다.

1 Jun, 2022

Jin Sang, Lee
CEO



QUALITY MANAGEMENT SYSTEM

WELDER'S QUALIFICATION

Management System for Qualification
(observed by Authorized Agency)

Qualification
TEST

Visual & NDT
REVIEW

Issue the
CERTIFICATE

ITEM	TYPE	Q'TY	REP. SIZE
STRUCTURE	FCAW	PA,PC,PF,PE	ISO 9606-1
	FCAW(auto-carriage)	PB(F)	ISO 14732
	SAW	PA	ISO 14732
	SMAW+FCAW	6GR	AWS D1.1
PIPING	GTAW	6G	ASME SEC.IV

Obtaining 276 WPS

Approved by DNV,LR & KR
Include FCAW, SAW, EGW,. etc

TRAINING CENTER FOR WELDERS

Operate 2times/day



Welder Qualification Center



Training Booth



RT Room

ISO 9001:2015

Quality Management System


**MANAGEMENT SYSTEM
CERTIFICATE**

Certificate no.: C562090 Initial certification date: 26 February 2020 Valid: 26 February 2023 – 26 February 2026

This is to certify that the management system of
HSG Sungdong Shipbuilding Co., Ltd.
940, Gongdan-ro, Gwangdo-myeon, Tongyeong-si, Gyeongsangnam-do, 53006, Republic of Korea

has been found to conform to the Quality Management System standard:
ISO 9001:2015

This certificate is valid for the following scope:
Design, Development and Manufacture of Steel Structure Blocks for Off-Shore Steel and Ship Building.

Place and date:
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Eric Koek
Management Representative



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ISO 3834-2

Fusion welding of metallic materials


Certificate of Approval

Certificate No. : W 1168
AWARDED TO : HSG SUNGDONG SHIPBUILDING CO., LTD.

Head Office : 940, Gongdan-ro, Gwangdo-myeon, Tongyeong-si, Gyeongsangnam-do, 53006, South Korea

KR hereby certifies that the Quality Control System for fusion welding of metallic materials of the above organization has been assessed and found to be in compliance with the requirements of the Control System standard and scope of certification detailed below.

KS B ISO 3834-2:2006

SCOPE OF CERTIFICATION :

Manufacture of steel structure

Locations : Head Office
Auditor : PARK Jinyong

Subject to the continued operation of the organization's Quality Control System for fusion welding of metallic materials with satisfaction, this certificate is valid from 2020.10.21 to 2023.10.20
Date of Issue : 2020.10.21


K R
MEMBER OF INTERNATIONAL ASSOCIATION OF CLASSIFICATION SOCIETIES

* KR Certification Center : 38, Myeongni ocean city 9-ro, Gangseo-gu, Busan, Korea 46762 / tel : 070-8799-8901, fax : 070-8799-8913

ENVIRONMENTAL, SOCIAL AND GOVERNANCE

B+ Grade 
by credit-rating agency

ENVIRONMENT

Issue management about
Climate change, energy,
and **eco-friendly** activities.
Also, quantitative goals and
results are continuously analyzed.



SOCIAL

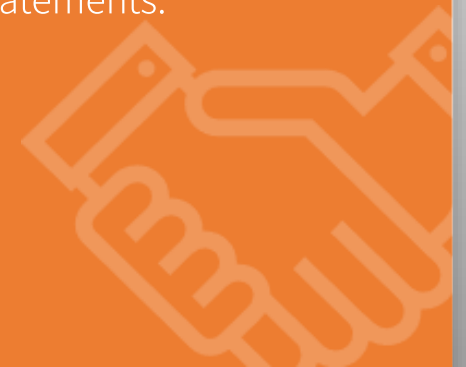
The social system related to
employment, health,
and **safety** is excellently managed.
safety education, HSE regulations,
hazardous goods,
and equipment are well-cared for.



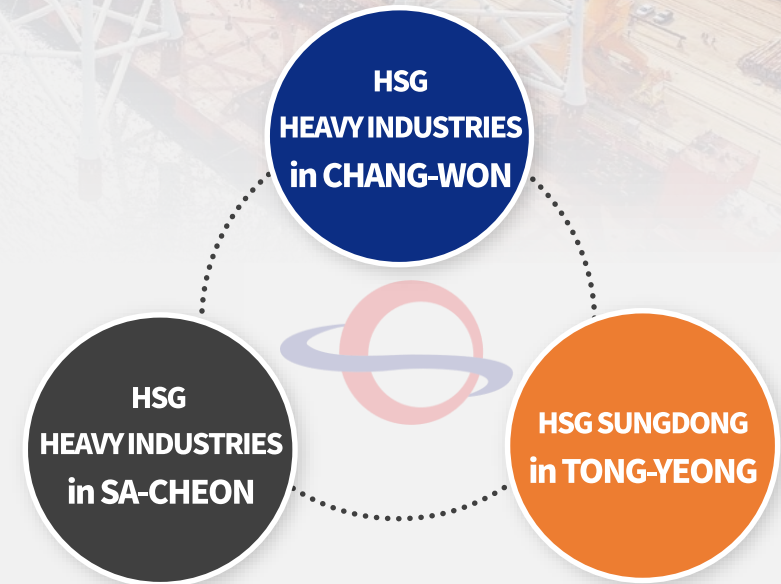
GOVERNANCE

Such as protection of
shareholder rights,
board of director activities,
and **fair trade** is well managed.

Transparency in accounting is
recognized in the disclosed
financial statements.



HOLDING COMPANY INFO



HSG HEAVY INDUSTRIES IN CHANGWON

- **MAJOR PRODUCT**
LNG PUMP TOWER, On/Offshore Structure, Special Handling Facility, Special Ship part
- **ESTABLISHMENT**
Jan 1989
- **AREA**
40,000m²

HSG HEAVY INDUSTRIES IN SACHEON

• **MAJOR PRODUCT**

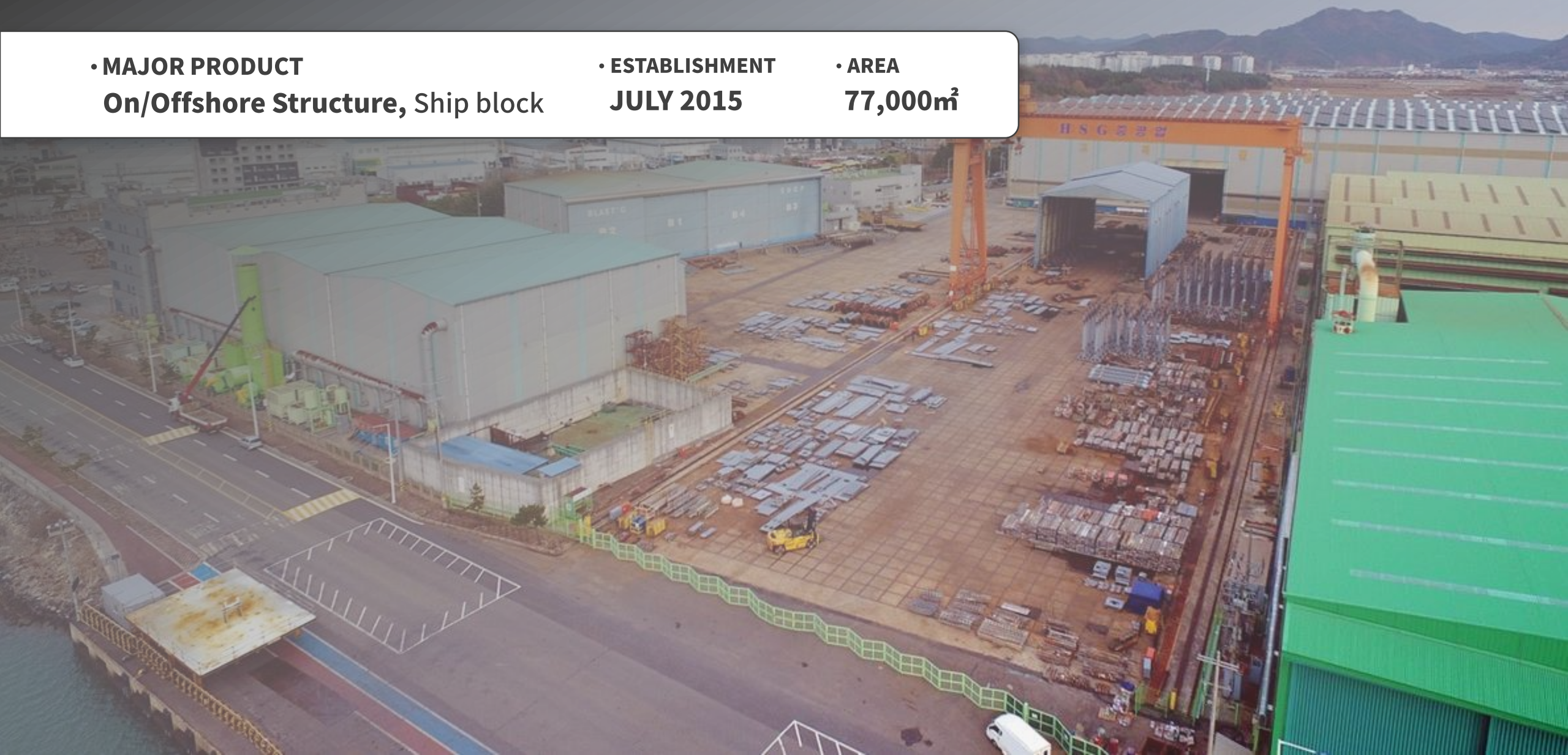
On/Offshore Structure, Ship block

• **ESTABLISHMENT**

JULY 2015

• **AREA**

77,000m²



Challenge to THE Value HSG SONGDONG



WEB

<https://www.hsgsd.co.kr/>



KJ Kim

TEAM DIRECTOR

+82 55. 647. 8700, kjkim@hsgsd.co.kr



SALES TEAM

sales@hsgsd.co.kr

