

new start,
new dream!

stx Offshore & Shipbuilding

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The World's Top Efficient,
Profitable Shipbuilding Company,
STX Offshore & Shipbuilding



CONTENTS

- STX Offshore & Shipbuilding at a Glance 04
 - Better Future through Technology
 - Value Creating from Innovation
 - Respect and Care for Human
 - Top Quality on Trust
- CEO Message 14
- Exceptional Products 16
- STX Offshore & Shipbuilding Shipyards 20
- Business Overview 26
 - STX Offshore & Shipbuilding Ships
- Sustainability Management 42
- Contact 50

The unprecedented rapid growth of STX Offshore & Shipbuilding has been driven by our unlimited potential. Building on the successful history, we are now in order to become the leader in the shipbuilding industry. Through continuous research and development, strategic business strategy, and innovation in management and production infrastructure, we will provide maximized revenue and best-quality products to our customers while contributing to the green environment for posterity.

We are developing technology for both human and nature.

As the state-of-the-art equipment and convenient facilities exist for humans, we at STX Offshore & Shipbuilding believe that all technology should be developed with human and nature in mind. Our technology is developed to contribute to the future generations and environment, as well as everyone who uses, builds, and benefits from the ships.

Better Future through Technology

STX GD(Green Dream) ECO-Ship

STX Offshore & Shipbuilding is a leading global shipbuilder. STX Offshore & Shipbuilding is focusing on the development of several innovative products related to Green ECO ship.

LNG Fuelled Ship

STX Offshore & Shipbuilding has developed the LNG Fuelled Ship, which is reflected for global trend and demand for Green Ship. The LNG fuelled system has been applied to various optimized vessels such as Container ship, PC, and Bulk carrier and AIP (Approval in Principle) from LR & DNV-GL was issued for the various LNG fuelled vessels. The major system of LNG Fuelled Ship, Such as ITS (Independent Tank of STX) and LNG FuSion™ (LNG Fuel Propulsion System) has been applied in order to respond to various needs of the owner.

Enhancement of Propeller Efficiency

STX Offshore & Shipbuilding is making relentless efforts to provide the most efficient ship by means of the systematic hull form optimization focused on the owner's demands. Also, WCT(Wide Chord Tip) Propeller has good characteristics in terms of the propulsion efficiency and vibration.

Through continuous improvement and innovation, we create value above the expectations.

All members at STX Offshore & Shipbuilding strive for innovation. We are aware that only novel methods can create added value. We are reorganizing our business structure to respond flexibly to ever changing market environment and macroeconomic flow. Also, we are continuously developing new technology and improving internal management system to enhance productivity.

SLS (Skid Launching System) Construction Method

The SLS construction method for shipbuilding on land which was developed for the first time in the world in 2004, where a ship is constructed on land and launched using the skid berth connected to the quay. STX Offshore & Shipbuilding achieved the highest land shipbuilding turnover rate in the industry.

ROSE (Rendezvous On the Sea for Erection) Construction Method

The ROSE construction method is a new conceptual floating dock shipbuilding method where a weight conveyance ship and a module transporter are used to load ship blocks. The shipbuilding period is drastically reduced from 90 days to about 40 days. Also, this method was successfully applied to load 7,000 tons of ship blocks in 2011.

Digital Welding System / Steel Stock Management System

Efficiency has been improved through the development of an optical communications digital welding system, which was developed by integrating the optical communications technology with welding equipment for the first time in the world, and a steel stock management system, which is used to monitor the steel stock.

Value Creating from **Innovation**

Respect and Care for Human

—
Top quality ships can only be produced from a safe and comfortable workplace. To achieve “zero accident, zero disease, and zero pollution”, we have developed detailed HSE (Health, Safety, and Environment) strategy followed by all employees.

Health - Medical Support for the Employees

STX Offshore & Shipbuilding believes the health of our employees is the most important asset of the company, and operates various healthcare facilities. Also, we provide regular health screenings, musculoskeletal disease prevention programs, and other healthcare programs.

Safety - Accident-free Workplace

To create the safest workplaces in the industry, STX Offshore & Shipbuilding conducts safety activities, has safety professionals, assigns safety officers for each area. As a result, our workplaces are gaining recognition as safe workplaces.

Environment - Environmental Management System

To pass on the clean environment for future generations, we have established environmental management system that meets the ISO 14001 standard and have improved our workplace environment in order to become environmentally friendly company that satisfies the local community and the customers.

Top Quality on Trust

We are doing our best to maintain the optimal quality management system.

We believe quality is the most important to gain the satisfaction and trust of the customers.

We at STX Offshore & Shipbuilding have set quality policy involving customer-oriented management, continuous improvement of processes, and participation in the quality management system and adherence to regulations by all members of the company.

Through these efforts, we hope to build reputation as a trustworthy company from the customers.

In addition to obtaining quality management system certification(ISO 9001) from the DNV, we have KDS 0050-9000-1 (Korean Defense Quality Management System) certifications, and ISO 14001, OHSAS 18001, thereby accomplishing management system that encompasses all business programs of the company. Also, we are maintaining the quality management system through regular process monitoring, evaluating compliance with standards, and risk evaluation. There is no limit to quality. STX Offshore & Shipbuilding will strive for ever-higher quality and continue to improve the effectiveness of our quality management system.

Certificate of ISO 9001

Certificate of Registration KDS 0050-9000-1

Certificate of ISO 14001

Certificate of OHSAS 18001

CEO Message

STX Offshore & Shipbuilding
is preparing for a much
grander future.



We are stepping toward a grander future through technology.

In the past 50 years, STX Offshore & Shipbuilding has built around 800 ships to provide highly efficient and environmentally friendly ships to customers around the globe. We have also contributed to the development of shipbuilding industry by novel production processes and continuous R&D.

STX Offshore & Shipbuilding is leaping forward as an independent company.

Since separating from the STX group in 2013, we strive for innovation to improve the cost structure and enhance productivity. We are reorganizing and improving various processes within the company, modifying production facility in accordance with the business strategy, and maintaining stable labor-management relations. Through these activities, we will provide quality products to the customers, satisfy our duties as a member of the economy and the society, and obtain trust from the market, shareholders, employees, subcontractors, and local communities. Also, we will be at the forefront of positive changes, and create a corporate culture of warm communication among the members of the company.

We will be a shipbuilding company with world-class productivity and cost competitiveness.

In the past, we have focused on large ships based on our growth-oriented strategy. We are now specializing ship types in order to secure production efficiency. By concentrating on the sales and production of medium range tankers, large container vessels, and large LNG carriers, which we possess international competitiveness, we will emerge as a company with the best cost competitiveness in the industry. We will also actively seek to improve market share in niche markets such as LNG bunkering vessel, in which we possess the competitive advantage in terms of the technology.

I encourage you to follow us as we realize our unlimited potential with the ocean as our stage.
Thank you.

Jung, Sung-Leep
President and CEO
STX Offshore & Shipbuilding

Exceptional Products

Products created by never-ending research and innovation at STX Offshore & Shipbuilding are presenting new paradigms in the international market. We will continue to accumulate world's top-level technology to provide products with the best cost competitiveness to our customers.

STX Offshore & Shipbuilding is recognized for its technology from customers around the world, as evidenced by our container vessels and oil/product tankers, which are world's top-class products, as well as LPG carrier, container RO-RO vessel, and LNG carrier, which has been selected as the "Most Significant Ship of 2014". We possess unparalleled technology in the LR1 class tanker market, and we are the world's number one producer of LR1 class tanker, with 20% market share of tankers ordered since 2000.

Unrivaled Product in the Market

LR1 Class Oil/Product Tanker

LR1 tanker produced by STX Offshore & Shipbuilding is an environmentally-friendly, high-efficiency vessel with reduced fuel consumption and minimized exhaust. By focusing on LR1 class tanker (60,000~80,000DWT) contracts, we are the world's number one producer of LR1 class tanker, with 20% market share of tankers ordered since 2000. In particular, the Jinhae Shipyard is optimized for LR1 and MR tankers, thereby securing our position as a producer of medium range tankers.

LR1 Tanker Market

**Ranked
number one**
in market share



Significant Ships of 2014

Velikiy Novgorod (LNG Carrier)

STX Offshore & Shipbuilding built a liquefied natural gas carrier, Velikiy Novgorod, which applied the membrane type in accordance with the patents and design of the GTT NO96 E2 and the requirements of the Class and the Regulatory bodies concerned. The propulsion system is dual fuel diesel electric, capable of burning a combination of natural and forced boil off gas(NBOG and FBOG). The additional RS class notation RMRS ICE2 is assigned to ships which are able to maintain the navigation in ice following icebreaker.

Loadable Gas Capacity

170,200 CBM



Significant Ships of 2014

Atlantic Gas (LPG/LEG Carrier)

STX Offshore & Shipbuilding built a LPG, ammonia and petrochemical gas carrier as a single screw design direct driven gas carrier type 2G for the handling and transportation of refrigerated liquefied gases. The Vessel of ATLANTIC GAS consists of 4 independent, bi-lobe IMO type C cargo tanks, designed for a maximum density of 0.972 t/m³, a maximum vapour pressure of 5.3 bar and a lowest temperature of -52°C. Cargo loading is monitored to ensure the ship's condition is within strength and stability criteria limits.

Loadable Gas Capacity

22,000 CBM



Significant Ships of 2014

Jolly Titanio (Container/Ro-Ro Vessel)

Jolly Titanio, a 45,000 DWT Container Ro-Ro Vessel designed as single screw diesel engine direct driven Container/Ro-Ro ship with bulbous bow and transom stern with an angled stern ramp. Ro-Ro decks capacity is abt. 6,065 lane meter. At design draft in even keel condition and zero speed, transom stern is designed to keep in dry condition. Ro-Ro part horizontally divided into three decks, each deck connected by hydraulic ramp way. Two water tight division doors located in garage deck and one water tight division door located in tween deck.

Maximum Capacity of
Container Loading

2,889 TEU
(Shore Made)

2,238 TEU
(Ro-Ro Made)



World Class Productivity

STX O&S Shipyards

STX Offshore & Shipbuilding possesses differentiated production portfolio - its two production bases, Jinhae Shipyard and Goseong Offshore & Shipbuilding, have specialized equipment that helps achieve optimized productivity and profitability. Our shipyards have the best facilities for shipbuilding and operation know-hows, which are demonstrated by the world's record for highest dock turnover for a single dock (13 batches and 28 ship launches).



Jinhae Shipyard

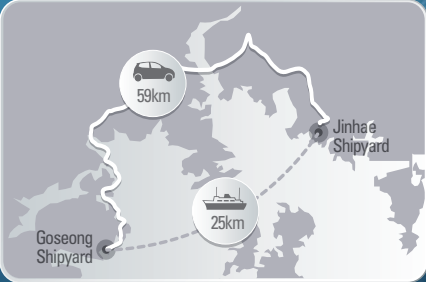
Located in a 1,000,000m² site in the Jinhae National Industrial Complex, Jinhae Shipyard is equipped with the top-notch shipbuilding technology in the world. Productivity and space utilization have been maximized through the semi-tandem construction method which enables to build 4 to 5 ships and launch 2 to 3 ships simultaneously in the same dock. STX Offshore & Shipbuilding made a breakthrough in shipbuilding technology through the Skid Launching System (SLS) which is a cutting edge construction technique developed solely by STX Offshore & Shipbuilding where a ship is built on land, instead of a dock, and moved to a barge for launch. Based on the above technology, the Jinhae Shipyard is transforming into a production base specializing in building medium-sized vessel with unrivaled production efficiency.

Total Area	1,000,000 m ²
Dock	Dry dock x 1 Floating Dock x 1 Skid Berth x 2
Cranes (Gantry)	1,500 ton Gantry x 1 600 ton Gantry x 1 450 ton Gantry x 2 300 ton Gantry x 2
Quay Length	1,845 m
Delivery Capacity	42 Vessels/year
Steel Fabrication	250,000 ton/year
Main Products	Tanker, Container Ship, Product Carrier, Bulker

Goseong Shipyard

Goseong Shipyard produces and supplies ship blocks to the Jinhae Shipyard, while using its deep quay wall depth and the massive 430m long floating dock to become the production base for ultralarge vessels, such as VLCCs, suezmaxes, mega-size container ships and LNG Carriers.

Total Area	514,138 m ²
Dock	Floating Dock x 1 (430 m x 70 m)
Crane (Gantry)	900 ton Gantry x 1 350 ton Gantry x 1 300 ton Gantry x 2 (future)
Quay Length	1,172 m
Delivery Capacity	6 Vessels/year
Steel Fabrication	150,000 ton/year
Main Products	LNGC, Container Ship, VLCC, FSO





Business Overview

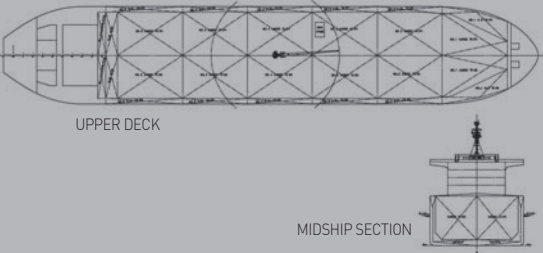
STX O&S Ships

Based on the 50-year experience of building 800 ships and self-developed production process, STX Offshore & Shipbuilding has built environmentally-friendly and high-efficiency ships using its advanced technology. In addition to the medium range product carrier market in which we boast the highest market share, performance in the container ship and LNG carrier production has been strong. We are also actively seeking to expand into niche markets. For example, in 2015 we have built the world's first LNG bunkering shuttle with robotic LNG transport system.

TANKER

MR, Panamax, Aframax

Oil/Product tankers built by STX Offshore & Shipbuilding have optimum resistance hull form, G-type engine with high fuel efficiency, and high-efficiency and low-vibration WCT(Wide Chord Tip) propeller. Also, cargo hold is specially coated to prevent cargo contamination and enable transport of special cargos. These technologies have enabled STX Offshore & Shipbuilding to rank number 1 in market share of the LR1 class tanker market, according to the 2015 order book.



Wide beam hull form
Our Post-Panamax LR1 Tanker is 38 meters-wide and has maximized fuel efficiency and cargo hold capacity, which would be suitable for efficient transport across the Panama Canal that is scheduled to be expanded in 2016. We have recently secured multiple wide-beam tanker contracts and are continuing to meet the needs of our customers.



- 1 115,000 DWT OIL/PRODUCT TANKER
L x B x D x d : 249.0 x 44.0 x 21.4 x 15.1m
Service Speed : 14.5 Knots
- 2 51,000 DWT OIL/PRODUCT TANKER
L x B x D x d : 182.9 x 32.2 x 19.1 x 13.3m
Service Speed : 14.5 Knots
- 3 38,000 DWT OIL/PRODUCT TANKER
L x B x D x d : 182.8 x 32.2 x 16.3 x 10.5m
Service Speed : 14.0 Knots

74,000 DWT OIL/PRODUCT TANKER
L x B x D x d : 219.0 x 38.0 x 19.3 x 13.3m
Service Speed : 14.0 Knots

TANKER

Suezmax, VLCC

Our shuttle tankers possess azimuth thruster, which prevents the ship from being displaced at high wave height and fast flow speed, and DP2, which receives the ship's positional information from the satellite and assists in maintaining the position. These equipment help minimize the movement of the ship while loading the oil in the ocean. We are also exhibiting strong performance in the Suezmax tanker and VLCC markets.



155,000 DWT SHUTTLE TANKER
L x B x D x d : 278.3 x 48.7 x 23.6 x 16.6m
Service Speed : 15.5 Knots


1 320,000 DWT VLCC (Very Large Crude oil Carrier)
L x B x D x d : 333.0 x 60.0 x 30.5 x 22.8m
Service Speed : 14.8 Knots

2 160,000 DWT CRUDE OIL TANKER
L x B x D x d : 274.0 x 49.0 x 23.1 x 17.3m
Service Speed : 14.5 Knots




STX Wide Chord Tip Propeller (WCT® Propeller)
High Efficiency & Low Vibration


Conventional Propeller




6.85 kPa



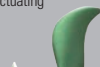
WCT® Propeller
Reduce the Propeller Cavitation & Fluctuating Pressure Level



1.46 kPa



New WCT® Propeller
Improving the Propeller Efficiency With optimized design parameter



Wide Chord Tip Propeller

Our wide chord tip (WCT) propellers control the behavior of cavitation generated at the tip, and has smaller pressure fluctuation compared to conventional propellers. As a result, vibration and noise are reduced and transfer energy more efficiently to the propellers. During a test drive evaluation, the average vibration in the residential area within the ship was measured to be 0.9 mm/sec, which is 10% of the international regulation value.

CONTAINER SHIP

From 2,500 up to 22,000 TEU Class

Our 13,000 TEU container ship has received EEDI (energy efficiency design index) certification from the Germanischer Lloyd for the first time for a very large container ship. This certification acknowledges over 20% improvement in fuel economy and reduction in hazardous substances. Such green ship technologies are applied to recently built 16,000 TEU container ship as well as medium container ships to maximize customer satisfaction.



16,000 TEU CONTAINER SHIP
L x B x D x d : 399.8 x 59.0 x 33.0 x 16.0m
Service Speed : 23.0 Knots



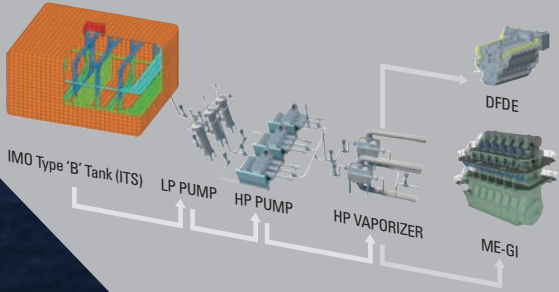
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1 13,000 TEU CONTAINER SHIP
L x B x D x d : 365.8 x 48.4 x 29.9 x 13.5m
Serviced Speed : 25.2 Knots

1 3,000 TEU CONTAINER SHIP
L x B x D x d : 206.3 x 32.24 19.0 x 12.5m
Service Speed : 19.0 Knots

1 14,000 TEU LNG Fuelled CONTAINER SHIP
L x B x D x d : 385.9 x 51.2 x 29.9 x 14.5m
Serviced Speed : 24.0 Knots
LNG Fuel Tank Capacity : 13,500m³

1 2,000 TEU CONTAINER SHIP
L x B x D x d : 178.2 x 30.0 x 17.0 x 11.0m
Service Speed : 18.5 Knots



"LNG FuSion™ (LNG Fuel Propulsion System) - ME" Solution
STX Offshore & Shipbuilding has developed LNG-fueled ships in response to the global demand for green ships. We are developing optimized hull form for container vessels as well as tankers, bulk carriers, and other ships

- ITS Tanks (IMO Type 'B' Tank)
- Cryogenic LP & HP Pumps for Transferring and Lifting up LNG Pressure
- HP LNG Vaporizer for LNG Heat Exchanger

LNG CARRIER

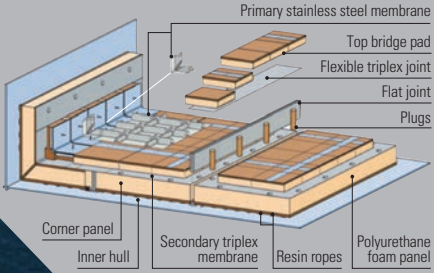
From 5,000 CBM up to Q-Max Class

Our Atlanticmax Ice2 Class LNG carriers are equipped with triple-fuel engine and designed to operate at extremely low temperature environments. In particular, cargo containment system have been optimally placed to minimize cargo loss due to evaporation of gas during LNG transport. The hull design has been optimized to most LNG terminals around the world to offer maximized safety, efficiency, and convenience for natural gas transport.



170,200 CBM LNG CARRIER
L x B x D x d : 299.9 x 45.8 x 26.0 x 11.5m
Cargo containment system : Membrane, No 96
Service Speed : 19.5 Knots

173,600 CBM LNG CARRIER
L x B x D x d : 295.9 x 46.4 x 26.5 x 11.5m
Cargo containment system : Membrane, NO96
Service Speed : 19.5 Knots



MARK III Flex System

- **Primary stainless steel**
The primary membrane is made of corrugated stainless steel 304 L, 1.2 mm thick. It contains the LNG cargo and is directly supported by and fixed to the insulation system.
- **Secondary triplex**
The secondary membrane is made of a composite laminated material: a thin sheet of aluminum between two layers of glass cloth and resin.
- **Insulation**
The insulation consists of a load-bearing system made of prefabricated panels in reinforced polyurethane foam including both primary and secondary insulation layers and the secondary membrane. The thickness of the insulation is adjustable from 250 mm to 350 mm to fulfill any B.O.R. requirement. The panels are bonded to the inner hull by means of resin ropes which serve a double purpose: anchoring the insulation and spreading evenly the loads.

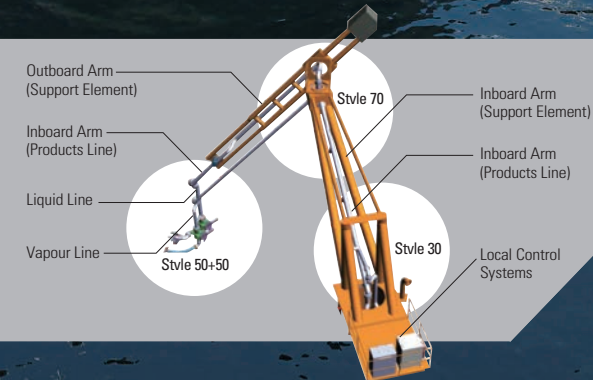
LNG BUNKERING VESSEL

LNG Bunkering Vessel is the product of STX Offshore & Shipbuilding’s outstanding technologies. The ship is installed with re-liquefaction plant to lower boil off gas of LNG and enhance fuel efficiency. Also for the first time in the industry, the ship is equipped with robotic LNG transfer arm that automatically connects pipeline to the fuel inlet of the LNG propulsion ship, which enables safe fuel supply regardless of the size of the port or the propulsion ship.



6,500 CBM LNG BUNKERING VESSEL
L x B x D x d : 119.9 x 19.4 x 10.9 x 5.8m
Cargo containment system : Independent tank, Type C
Service Speed : 13.0 Knots

LNG Transfer Arm for Loading/Unloading
Our LNG bunkering vessels are equipped with LNG transfer arm, which allows reliable and safe bunkering operations on the sea. Application of ERS to the liquid and vapor lines guarantee safety, and the equipment is conveniently operated by hydraulic mechanism. Completely integrated solution enables the operation without the additional devices, and articulated rigid pipes achieve the highest flow capacity.



LPG/LEG CARRIER

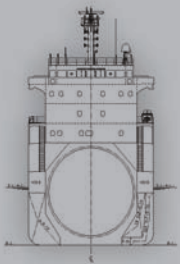
From 5,000 up to 84,000 CBM

Semi-refrigerated 22,000 CBM LPG carrier can transport LPG as well as other gases. As gas carrier orders are increasing due to the shale gas development, STX Offshore & Shipbuilding’s experience of gas carriers over multiple decades and accumulated know-hows help to improve product quality.



22,000 CBM LPG CARRIER
L x B x D x d : 159.7 x 26.6 x 17.4 x 8.4m
Cargo containment system : Independent tank, Type C
Service Speed : 16.0 Knots

12,000 CBM LEG CARRIER
L x B x D x d : 146.2 x 22.6 x 12.1 x 7.4m
Cargo containment system : Independent tank, Type C
Service Speed : 16.4 Knots



Cross-sectional Diagram of the LPG Tank
The critical factor of LPG Carriers is its tank design and manufacturing technology, as ensuring a safe transportation while maintaining the liquefied gas at an ultra-low temperature is crucial for LPG Carriers. The LPG tank of STX Offshore & Shipbuilding, which is made from low-temperature steel, is a dual structure in a circular shape and designed to maintain the liquefied gas at a lowest temperature of 104°C at a maximum density of 0.97t/m3 and maximum pressure of 5.5 bar.

BULK CARRIER

From Handymax Class up to VLBCs

83,000 DWT bulk carriers that we developed are bigger than the previous Kamsarmax 81,000 DWT bulk carriers. Also, our VLOC has linear bow shape to reduce water resistance and improve performance, and the high-capacity ballast water treatment system has significantly reduced the delay that may occur upon cargo loading.



83,000 DWT BULK CARRIER
L x B x D x d : 229.0 x 32.2 x 20.2 x 12.2m
Service Speed : 14.1 Knots



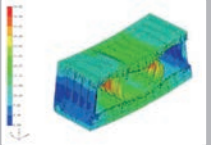
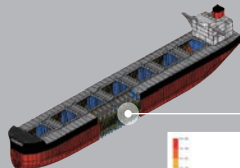
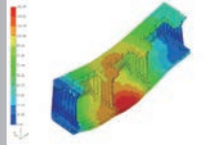
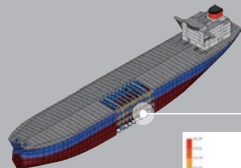
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❶ 400,000 DWT VLOC (Very Large Ore Carrier)
L x B x D x d : 365.0 x 65.0 x 30.5 x 22.0m
Service Speed : 14.8 Knots

❷ 181,000 DWT BULK CARRIER
L x B x D x d : 292.0 x 45.0 x 24.8 x 16.5m
Service Speed : 14.9 Knots

❸ 58,000 DWT BULK CARRIER
L x B x D x d : 190.0 x 32.3 x 18.5 x 11.1m
Service Speed : 14.5 Knots

❹ 57,000 DWT OHGC (Open Hatch General Cargo)
L x B x D x d : 199.9 x 32.3 x 19.3 x 11.0m
Service Speed : 13.9 Knots



CSR-H (Harmonized CSR)
Contracts for bulk carriers and oil tankers signed after July 2015 are required to follow the CSR (common structure rule) for BC and OT instead of the previous CSR-BC and CSR-OT. We have been conducting joint research with various shipping registers and developed bulk carrier and oil tanker with optimal structural layout, thereby securing structural stability.

NAVAL SHIP

STX Offshore & Shipbuilding has successfully built the PKG vessel with stealth capability, and is expanding its business to high value-added specialized vessels including coast guard patrol ships and research vessels. We are also continuing to secure contracts overseas, including in Columbia and Peru.



Underwater radiation noise (URN) control technology
STX Offshore & Shipbuilding possesses the technology for reducing underwater radiation noise, which is one of core technology for research vessels and naval vessels. With this technology, STX Offshore & Shipbuilding has become the first Korean company to build a research vessel satisfying the international specification ICE CRR No. 209 at all hertz.

3,000 TON CLASS FRIGATE
L x B x D x d : 114.0 x 14.0 x 6.7 x 4.0m
Service Speed : 30 Knots



- | | |
|---|--|
| 1 | ❶ PKG CLASS CORVETTE
L x B x D x d : 63.0 x 9.1 x 5.1 x 2.6m
Service Speed : 40 Knots |
| 2 | ❷ 3,000 TON CLASS PATROL VESSEL
L x B x D x d : 115.0 x 14.2 x 6.9 x 4.2m
Service Speed : 28 Knots |
| 3 | ❸ 5,900 TON CLASS RESEARCH VESSEL
L x B x D x d : 97.3 x 18.0 x 6.5m
Service Speed : 15 Knots |
| 4 | ❹ 6,700 TON CLASS TRAINING VESSEL
L x B x D x d : 117.2 x 17.8 x 8.2 x 5.9m
Service Speed : 19 Knots |

Always with Partner

Sustainability Management

—
The value of a company is determined not only by its economic indices but also by trust from the customers, sustainable management method, and coexistence with partners and the local community. STX Offshore & Shipbuilding acts to satisfy its duties as a member of the society and the economy, and strives to become a company whose members, partners, and the local community can all be satisfied and growth together.

World we live
together, company
that grows together

Companies receive both tangible and intangible support from the society and various partners. It is therefore natural that STX Offshore & Shipbuilding grows together with its employees and partners as well as the local community. We will become stronger when we move together toward a single goal. Through shared growth based on trust, human resource development, and social contribution, STX Offshore & Shipbuilding will continue being a responsible member of the society.

MUTUAL COOPERATION



To improve competitiveness of its partners, STX Offshore & Shipbuilding operates various shared growth programs such as financial support, technology development and protection, and education. To provide even more opportunities for growth of the partners, we are actively communicating through various channels including the Business Council of Contractor Companies.

STX Offshore & Shipbuilding values symbiotic management through which the both parties work and grow together.



Shared growth fund
To support investment and working capital of the partners, STX Offshore & Shipbuilding has established shared growth fund with financial institution in 2011, and has helped outstanding partners in receiving preferential rates for bank loans.

New product development with conditional purchase option
To provide opportunities for partners with excellent technology, we have implemented new product development with conditional purchase option projects since 2006.

Management doctor system
To resolve management difficulties of partner companies and to enhance their competitiveness, we have formed a council of our company, the partner company, and Federation of Korean Industries (FKI) management advisory board to provide 6-month management consulting, which improves the management and provides the basis for long-term growth and realizes the goal of shared growth between the large and medium/small companies.

Education to empower partner companies
To realize the shared growth of the parent and partner companies, we are utilizing government-supported business and working with an educational consulting company to provide customized educational support to our partners, which improves their competitiveness and contributes to the shared growth.



CORPORATE SOCIAL RESPONSIBILITY



STX Offshore & Shipbuilding is active in social contributions for supporting underprivileged neighbors and growth of the local community. By multi-faceted programming, active support by the company, and voluntary participation by the employees, STX Offshore & Shipbuilding is helping to create a world in which all members of the local community can dream a brighter future with unlimited possibilities.

STX Offshore & Shipbuilding as a local neighbor



Social welfare programs
STX Offshore & Shipbuilding supports local welfare facilities and helps to improve the quality of life of underprivileged community members by welfare facility support for holidays, blood donation by all employees, Kimchi donations, cultural events for children, and other activities.

Employee volunteering
Tapping into the employee pool of diverse talent, our employees are participating in various volunteering activities that are suitable to the needs of the community, including mentoring at children's center, photograph volunteering, agricultural volunteering, work experience support, and environmental protection volunteering.

Volunteering group "Sanarae"
The volunteering group "Sanarae" was voluntarily founded in October 2012 by our employees. It continues to expand its activities, including catering service, marine cleansing, rice donation, volunteering at elderly and children's centers, and sharing silver-cars[multipurpose driving assistant tool]

Family volunteering club
The family volunteering club composed of family members of STX Offshore & Shipbuilding was founded in 2005. Through its active participation, it has become the representative volunteering group in the community. Composed mainly of housewives, the group is sharing the warm love of the mothers to the community through catering service, laundry service, and support of local events.



TECHNICAL TRAINING CENTER



The Technology Training Center utilizes technological know-hows and educational infrastructure of STX Offshore & Shipbuilding to transfer new technologies and management know-hows to partner companies. In addition, the center educates workers for the partner companies, thereby enhancing their competitiveness. The center ultimately contributes to the quality of the vessels built by STX Offshore & Shipbuilding and improves production efficiency at the site.

Know-hows and infrastructure of STX Offshore & Shipbuilding helps the partner companies to grow human resources.



Education of current employees
Strengthening manufacturing capabilities of our partner companies is directly related to the production efficiency of the shipyard. To support the partner companies in becoming competitive, STX Offshore & Shipbuilding provides the following educational courses to the managers and workers of the partner companies.

- 1. Improving CO₂ welding course
- 2. Innovation at the manufacturing site course
- 3. Quality management course

Education of prospective employees
STX Offshore & Shipbuilding operates a Technology Training Center to educate TIG (tungsten inert gas) welding workers required for LNG vessel production. Students who complete the education are all employed by the partner companies (100% employment) and are working at LNG cargo hold manufacturing sites.

- 1. Manual TIG welder education
- 2. Automatic TIG welder education
- 3. SUS attachment and welding education



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