

MEK

Marine Economy Korea

May 2015

5

Vol.4-19

Offshore & Shipbuilding	Marine Equip & Steel	Ports & Logistics	Shipping	Related Industries	Policy & Rule
Tech & Certs	Finance	Region & Cluster	Global	People	Exhibition

POSCO's High Manganese Steel

A Material Revolution Blooming LNG Renaissance



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Introduction

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- Construction completion : Sep, 2014



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Business



- ▶ LNG Cargo Tank Insulation
- ▶ LNG Cargo Pipe Insulation
- ▶ LPG/LEG Cargo Tank Insulation
- ▶ LPG/LEG Cargo Pipe Insulation
- ▶ Insulation for FLNG & Offshore Plant
- ▶ Insulation for LNG Receiving Terminal &
Onshore Plant
- ▶ Cold Provision Chamber

Product

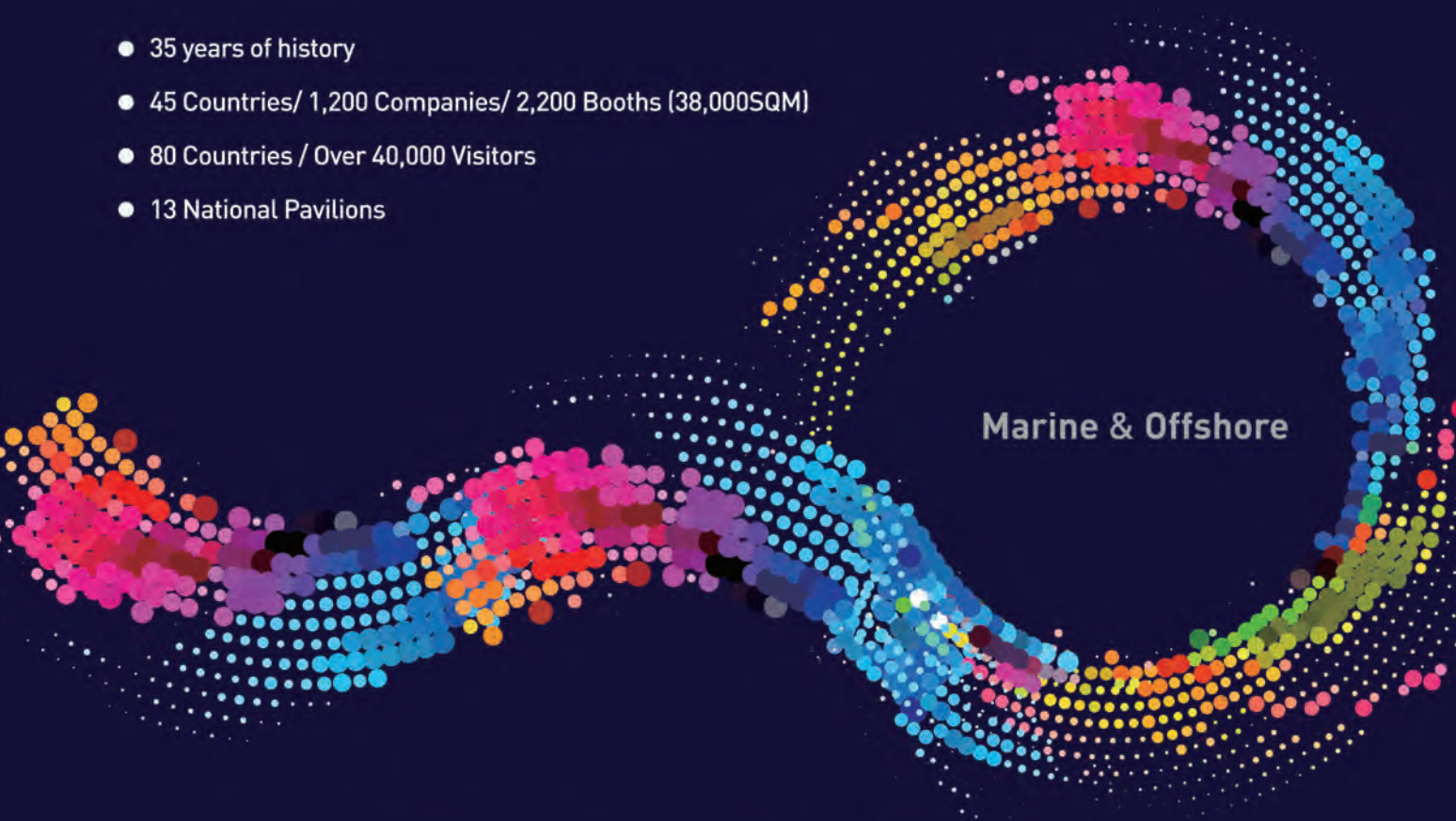


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JIE, Indonesia

OI
CHINA

2015. 11. 3 - 5
INTEX, China

AUTO WELDING LINE

FOR SHIPBUILDING

T & L-BAR



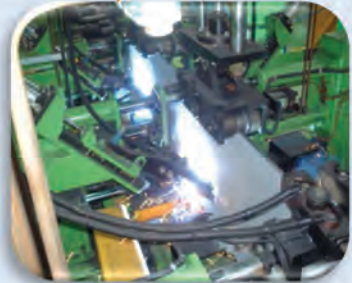
WELDING simultaneously with straightening



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Fit-up M/C



Welding M/C (2-POLE Tandem)

H-BEAM BUILT UP



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Fit-up M/C



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DAEYANG ELECTRIC

Daeyang is a leader in marine lightings, communication systems, power systems and nautical instruments. Based on over 38 years of experience in marine and shipbuilding industry, our superior products are acknowledged by various customers throughout the world.

Customer satisfaction is our first and only priority and we put endless effort in order to meet the highest standard. With heavy investment (10% of annual turnover) on research and development, our R&D center is one of the most famous research centers in the industry for its innovation and capability of product development.

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LIGHTING

- Indoor Light
- Outdoor Light
- Navigation Light & Signal Light
- Hazardous Area Light
- Receptacle & Switch
- Reefer Container Receptacle
- LED



UNDERWATER SYSTEM

- Autonomous Underwater Vehicle (AUV)
- Unmanned Underwater Vehicle (UUV)
- Mine Disposal Vehicle (MDV)
- Remotely Operated Vehicle (ROV)



COMMUNICATION - NAVIGATION

- Integrated Communication System (ICS)
- Refrigerated Container Monitoring System (RCMS)
- Power Cable Transmission System
- Integrated Navigation System (INS)
- Electro-Magnetic Speed Logs (EM-LOG)
- Degaussing/Deforming System
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PANEL & SWITCHBOARD

- Main Switchboard
- Emergency Switchboard
- Power Distribution Panel
- Battery Charging and Discharging
- Engine Control Console
- Bridge Control Console
- Switchboard for High Speed Rail



NAUTICAL INSTRUMENT

- Temperature Sensor
- Pressure Sensor
- Anemometer & Anemoscope
- Rudder Angle Indicator
- Engine Monitoring System
- WIS (Weather Information System)



FAN

- Axial-flow Fan
- Multi-blade Fan
- Ro/Ro Car Deck Ventilation System
- Refrigerated Chamber Ventilation System



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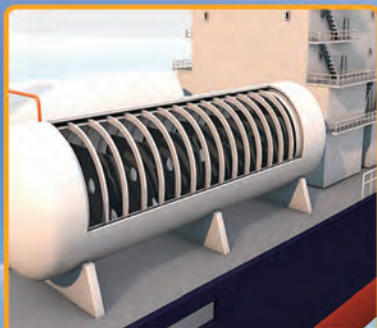
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Energy & Environment

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Mud·Cement Tank
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Bilge Water Treatment System
Fresh Water Generator

Fire & Safety

CO₂ Fire Suppression System
Dry Powder Chemical System
Clean Agent Fire Suppression System
Water Mist System
High Expansion Foam System
Low Expansion Foam System



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POSCO's High Manganese Steel

A Material Revolution Blooming LNG Renaissance

POSCO, on the strength of its timely innovations responding to the needs of end-user industries, is now steaming ahead with the development of new high-quality steel products designed for applications in extreme low temperature conditions and environments.

In particular, the value of POSCO's high manganese steel (high Mn steel), an advanced product with a 25% increase in manganese content, is drawing attention from domestic and global enterprises for its low thermal expansion, machinability and processability properties.

50-70% Cost Reduction Projected: Economic & Quality Benefits

In addition to excellent quality on par with other steel alloys such as SUS 304 and nickel steel, high Mn steel represents a 50-70% cost reduction compared with existing cryogenic materials on account of materials price and construction expenses.

Moreover, according to the Journal of the Society of Naval Architecture of Korea, the ultimate tensile strength of high Mn steel is comparable to existing cryogenic materials but is unmatched when welding is involved. The fatigue strength of high Mn steel at room temperature is as good as other cryogenic materials, but in a cryogenic environment slightly lower than others, though higher than Al5083-O alloy.

Against this backdrop, POSCO's high Mn steel is expected to contribute significantly to the competitiveness enhancement of end-user industries, including the shipbuilding and offshore plant sectors.



▲ World's first LNG-powered container ship launched by General Dynamics NASSCO, which partnered with DSME for state-of-the-art design & shipbuilding technologies.



▲ Bird's-eye view of DSME high-pressure LNG supply instrument.

Value Network for Excellence of POSCO Steel Tech & Korean Shipyard Leadership

POSCO's development of high manganese steel is the fruit of the value network for the excellence of POSCO's steel technology and Korean shipyard leadership. In particular, POSCO maintains a strong partnership with Daewoo Shipbuilding & Marine Engineering (DSME), which has contributed to DSME's success as the world's leading shipyard in terms of orderbook volume thanks to a focus on environment-friendly green technology in the LNG vessel segment.

Based on its second-to-none leadership in manufacturing exceptional quality steel plate, POSCO also has combined with KAIST, the representative Korean engineering and science institute, to develop the world's first high Mn steel grid-pattern LNG storage tank.

Moreover, KOGAS, the world's No. 2 LNG importer, provided indirect support for POSCO's innovative development of steel plate with LNG applications.

KS Acquisition Paves Way for 1.4 Trillion Won Domestic Market in 2020

Recognizing POSCO's unique and innovative development of high Mn steel, the Korean Agency for Technology & Standards (KATS), operating under the

Cost Comparison of High-Manganese Steel vs. Other Materials

	High Mn	Alu. Alloy	SUS 304	9%-Ni
Material Unit Price	53%	100%	88%	114%
Welding Cost	9%	100%	33%	133%
Total Material Requirements	56%	100%	128%	205%

Source: 'Metal Materials Development Strategy in Line with Prospects of Energy Industry' (Korea Evaluation Institute of Industrial Technology, 2012)

Weight Ratio

Temperature	Materials	Design Criteria	Ratio Weight Ratio
Room Temperature	Al5083-O alloy	1	1
	SUS304	2.38	1.92
	9% Ni steel	4.78	1.35
	High Manganese	2.46	1.89
-100 °C	Al5083-O alloy	0.97	1.01
	SUS304	2.77	1.78
	9% Ni steel	5.40	1.27
	High Manganese	3.04	1.70

Source: Journal of the Society of Naval Architects of Korea

LNG-Related Steel Materials Market Outlook

	2013	2015	2020
LNG-FPS	40,000 tons/year	50,000 tons/year	70,000 tons/year
LNG-Fueled Ship	70,000 tons/year	21,000 tons/year	35,000 tons/year
LNG-Carrier	23,000 tons/year	53,000 tons/year	68,000 tons/year

Source: 'Metal Materials Development Strategy in Line with Prospects of Energy Industry' (Korea Evaluation Institute of Industrial Technology, 2012)

umbrellas of the Ministry of Trade, Industry & Energy (MOTIE), has awarded KS (Korean Standard) certification to the newly developed cryogenic steel alloy.

"We made the decision to award the KS mark certifying its market reliability considering the economic potential of the new material and other factors," a KATS official said.

The official continued, "High Mn steel has the potential to replace conventional aluminum alloy, SUS 304, nickel steel and other alloys, generating a domestic market alone of about 1.4 trillion won by 2020.

"The exceptional lower cost of using high Mn steel combined with the recent emphasis on green energy and green ships is expected to boost the competitiveness of high Mn steel applications in the emerging LNG era."

POSCO Advances Solution Marketing of New Steel Products in Green Energy Era

The value of POSCO's development of high Mn steel is increased through its emphasis on solution marketing and its priority on meeting the needs of each individual client.

By combining technology and marketing innovations, POSCO has doubled its value to clients. Furthermore, with the opening of its Steel Center, the company has strengthened its outreach to customers and intensified focus on the sale of strategic products such as marine and energy-related materials.

POSCO aims to secure more than 10% of the global market for steel products in the energy industry with the development of 60 different materials with related industry applications in conjunction with a win-win solution marketing program.



POSCO Develop World's First High Manganese Steel Grid-pattern LNG Storage Tank

POSCO announced on March 18 that it, jointly with KAIST, has developed the world's first high manganese steel grid-pattern LNG storage tank that can dramatically increase the storage capacity of an LNG tank.

This new technology, created by combining POSCO's high manganese steel with KAIST's grid-pattern technology, can enhance the storage capacity up to 20,000 cubic meters from existing 1,000 cubic meters.

POSCO said that its high manganese steel is an energy steel that can endure an extremely low temperature, thereby being adequate to be used as a material for LNG storage tanks. In addition, high manganese steel can be welded better than stainless steel, making it easier to manufacture storage tanks.

The inside of the tank has a grid-pattern which plays the role of scattering the pressure transmitted to the



external wall, enabling the expansion of the storage capacity without thickening the external wall.

Unlike existing LNG storage tanks which have a cylindrical-type design, the brand-new LNG storage tank has a rectangular design, helping reduce the installation space.

Reducing Noise Between Floors with New Material

POSCO has moved to address the problem of noise between floors, which is becoming an issue in neighbor-to-neighbor disputes in common housing, including apartments. Recently, POSCO concluded an MOU with construction companies for cooperation in the 'Development of 'High Manganese-Applied Steel Material for Floor-to-Floor Noise Reduction and Anti-Noise Fields.'

Companies participating in the development project are POSCO E&C, Dong-Ah Steel Technology, Yoochang, Woojin, S.I. PAN, and others. It is known that the anti-vibration function of a high-manganese steel flooring structure is over 10-fold that of a general steel flooring system.

As a result of POSCO's laboratory verification, high-manganese steel flooring reduced the noise between floors by 8dB (60% decrease based on sound pressure) compared with existing products. If applied to a

common housing site, the high-manganese steel also is expected to enable cost savings of over 10% for structural work as well as increasing floor slab thickness by more than 60mm.

Vice President & Head of the Steel Business Division at POSCO Jan In-Hwan said, "With this MOU as momentum, POSCO has prepared a cooperation area with customer companies within its Steel Solution Center and organized a related steel material committee. POSCO will exert utmost efforts to create a shared-growth ecosystem with customer companies."

Under the MOU, POSCO is appraised as having established a cooperation system for the company to advance into the floor-to-floor noise reduction material market at an early date. The construction companies also are expecting to harvest a strengthening of their competitiveness with differentiated technologies in the related field.

POSCO News & Info

Date	Korean	English
5.7	최고 효율 LNG 복합발전소 준공	POSCO Energy dedicates 1,260MW combined cycle thermal power plant
5.7	미국서 에너지강재 고객 사로잡았다	POSCO showcases its excellence in energy steel at OTC
4.23	World Premium 제품의 호조로 POSCO 1분기 영업이익 상승	POSCO's operating profit in 1st qt. '15 up owing to good performance of world premium products
4.23	설비강건화, 수익성 제고에 총력	POSCO to focus on facility strengthening & profitability enhancement
4.23	포항 2소결 합리화 사업 준공	POSCO completes replacement work for the old No. 2 sintering furnace facility
4.16	10억弗 규모 투르크 제철플랜트 건설	POSCO to assume EPC plus O&M of US\$1 bil.-scale steel plant in Turkmenistan
4.16	미얀마-포스코 신규 CGL 설비투자 계획	Myanmar-POSCO eyes fast-growing local CGL market
4.9	POSA (POSCO-Australia) 아프리카 지역 국가들에 자원 개발사업 투자 증대	POSA aims to create synergy as an Australian representative
3.26	인도 민영철강사 메스코스틸과 파이넥스1공장 이설판매 MOA (관련사진 #1)	POSCO signs MOU with MESCO Steel to sell its FINEX 1 plant (Related pix #1)
3.26	“베네핏 셰어링 더욱 활성화한다”	POSCO holds workshop on activation of benefit sharing
3.26	포스코 ICT, 스마트빌딩 시스템 구축사업 활기	POSCO ICT invigorates smart building system establishment biz
3.12	SNCC 페로니켈 제2공장 준공 (관련사진 #2)	SNCC holds dedication ceremony of Gwangyang Ferronickel Plant 2. (Related pix #2)
2.12	티타늄 뛰어넘는 新철강재 개발 상업화 성공시 철강지형 바꾼다	POSTECH develops new steel material challenging titanium
2.12	세계 최초 BCA 보강강 공급	POSCO to supply BCA (Brittle Crack Arrest)-guaranteed thick steel plate
1.29	인도에 고급차 냉연강판공장 준공 (관련사진 #3)	POSCO dedicates high-grade car-use cold-rolled steel sheet plant in India (Related pix #3)



Korea's Policy Direction for Promoting LNG-Fueled Ships

Fueling the Era of Green Ship & Gas Renaissance

LNG-powered ships have emerged as a future driver for the shipbuilding industry in response to global demand for a dramatic decrease in CO₂ emissions combined with the rapid advance of the LNG era with increased availability.

During a recent forum on LNG-fueled ships, an official from the Ministry of Trade, Industry & Energy (MOTIE), gave a keynote presentation on "Korea's Policy Direction for Promoting LNG-Powered Ships."



Bolstered by Korean shipyards' global supremacy, in particular with respect to green ships, he revealed government policies to advance LNG-fueled ship construction to include system improvement & standardization for introduction of LNG-powered ships, establishment of LNG bunkering infrastructure and enhanced competitiveness through localization of equipment and materials.

The forum, co-organized by KOMEA and KOMERI, featured paper presentations by representatives of Korea's Big 3 shipyards – Hyundai Heavy Industries (HHI), Daewoo Shipbuilding & Marine Engineering (DSME) and Samsung Heavy Industries (SHI).

MEK introduces the MOTIE presentation via inofficial translation plus a little modification as follow:

I . Policy Background

1. Environments & Regulations Status
2. Industry Status
3. Market Status
4. Technology Status

II . Policy Goals

1. Improve Systems to Introduce LNG-Powered Ships and Activate Bunkering
2. Create an Initial Domestic Market for Bunkering of LNG-Powered Ships
3. Localize LNG Equipment & Materials and Enhance Technological Prowess

III . Details of Support Measures

1. Promotion of System Improvement & Standardization

- ① Ministry of Trade, Industry & Energy: Urban Gas Business Act, Ministry of Oceans & Fisheries: Marine Environment Management Act, Ship Safety Act, Maritime Safety Act
- ② Ease Restrictions on Testing LNG Equipment
- ③ Take Lead in LNG-Fueled Ship Promotion-Related International Standardization

2. Establishment of LNG Bunkering Infrastructure & Introduction of LNG-Powered Ships

- ① Build LNG Bunkering Terminals
- ② Introduce LNG Bunkering Shuttle
- ③ Introduce LNG-Powered Ships

3. Enhance Competitiveness Through Localization of Equipment & Materials

- ① Prepare Gas Fuel Propulsion-Related Core Technology Roadmap and Develop Technologies
- ② Government-Supported Technology Development Status
- ③ LNG Fuel-Propulsion & Bunkering-Related Tech Development for 2015 (2 Tasks)
- ④ Establishment of KS for High Manganese Steel (Dec. 2014)
- ⑤ Securing Track Record for Gas Fuel Propulsion-Related Localized Equipment & Materials
- ⑥ Establishment of Functional Testing & Certification Center for Gas Fuel Propulsion System Equipment & Materials

I . Policy Background

1. Environment & Regulation Status

Climate change is a flaming issue around the world, with sustainable growth being one of the main challenges in dealing with related measures.

In the maritime industry, for example, environmental regulations on marine diesel engine emissions focus primarily on reduction of nitrous oxides (NO_x), sulfur oxides (SO_x) and carbon dioxide (CO₂). As soon as 2020, sulfur dioxide (SO₂) emissions from maritime sources are

2. Industry Status

In a departure from reliance on conventional diesel engines, dual-fuel diesel electric (DFDE) propulsion and main engine gas injection (MEGI) technologies have been adapted to shipbuilding and introduced to maritime engine systems. In addition, small and medium-scale

3. Market Trend

According to data from engine-producer Wärtsilä, LNG and LPG-fueled ships are expected to account for 60% or more of the global total through newbuildings as well as conversions. In line with this trend, marine equipment producers see the opportunity for accompanied growth in the gas-fueled vessel market.

The milestone paradigm change in the market embraces a variety of related sectors, including steel materials, bunkering service facilities, etc.

4. Technical Trend

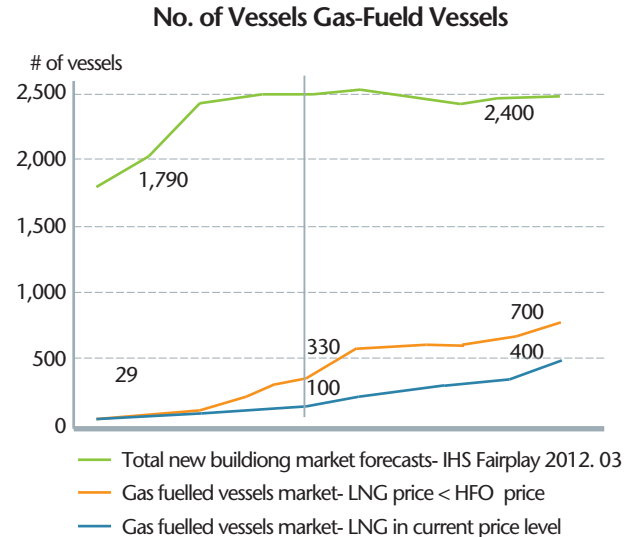
Considering the higher added-value of the LNG-fueled vessel market, related Korean policies are focused on advancement of relevant technologies. Meanwhile, these policies dovetail with the strategy of major shipyards to

expected to exceed those from land-based sources, prompting global organizations and governments to strengthen regulations related to greenhouse gas-emitting ships.

Since the introduction of the IMO tier system, the first stage of the IMO MARPOL 73/78 Annex VI emission regulations in 2001, restrictions have been progressively strengthened, with third-stage regulations planned for 2016 that will require completely new measures and technical solutions.

LNG propulsion systems are used for coastal transportation vessels in such countries as Norway, Denmark and the Netherlands.

More recently, LNG propulsion has been adopted for engines of ocean-going commercial vessels, especially in the United States and Europe.



Source: Wärtsilä

enhance competitiveness through material price reductions and shorter production periods.

Against this backdrop, the Korean government is emphasizing the strengthening of technical superiority by advancing the capabilities of engineers with related skills.

(Continued on 19p)

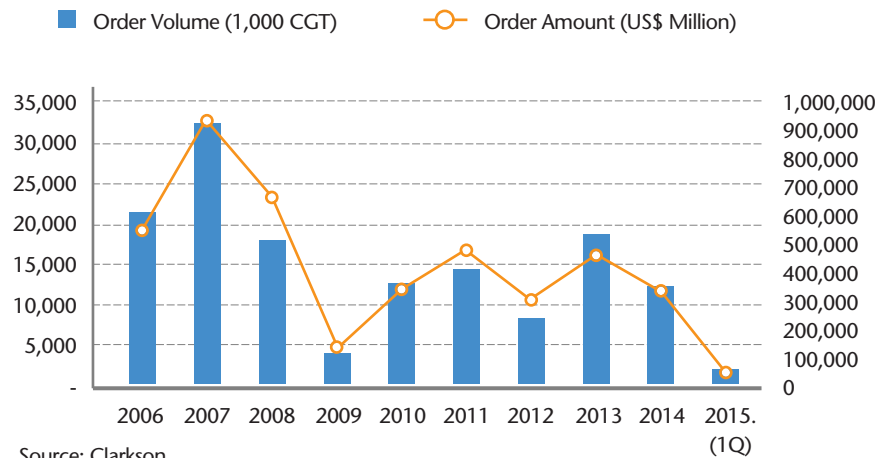
Korean Shipbuilding Performance in 1Q

Cold Spell in Order Market Continues

Decline in Orders Year-on-Year

In the first quarter of 2015, orders secured by the Korean shipbuilding industry fell sharply from the previous year, affected by the recession in the global newbuilding market. The order volume and amount in the quarter recorded 2.31 million CGT and US\$4.98 billion, year-on-year declines of 49.3% and 52.4%, respectively, according to Korea Eximbank report.

Newbuilding Orders & Amount of Korean Shipbuilding Industry

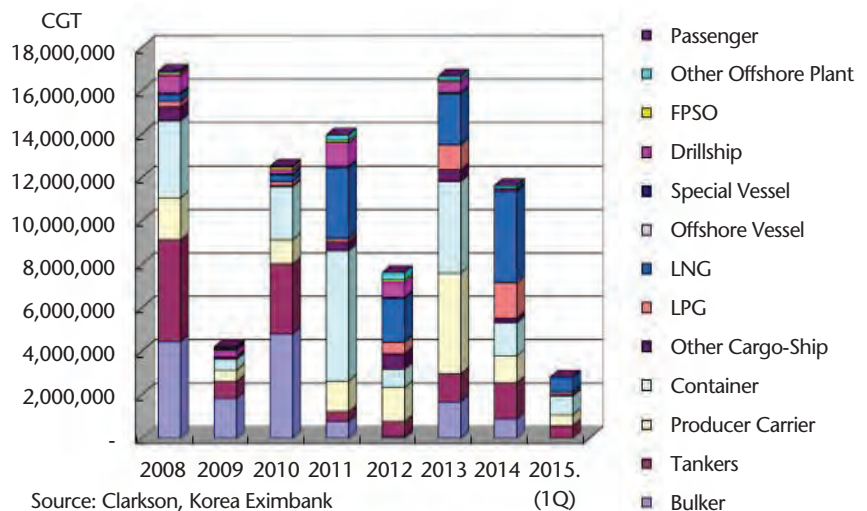


Only LNG Carriers Record Order Increase

When reviewing orders by ship type based on Clarkson's record, only LNG carrier orders increased, while orders for most of the remaining ship types decreased, and in particular, orders for offshore plants and bulkers suffered extreme slowdowns.

- In the case of oil tankers, orders for Suezmax-class tankers jumped 409% year-on-year. However, total tanker orders fell 11.7% due to a decline in VLCC orders.
- Total orders for product carriers also plummeted 32% year-on-year despite about a 300% increase in LR2-class

Korean Shipbuilding Orders by Ship Type



product carrier orders.

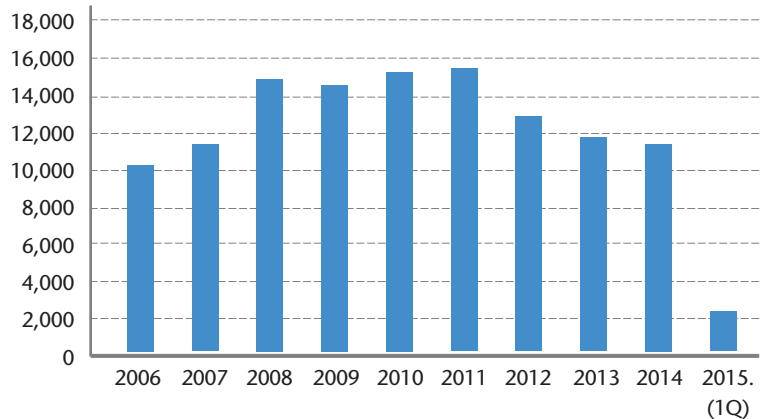
- As for containerships, orders for ultra-large ships of over 10,000 TEU increased 10.2%, but over all, containership orders were down 9.6%.
- Only LNG carriers achieved an order record high, up 168% year-on-year. Meanwhile, there wasn't an order for even one bulker or one offshore plant in the first quarter.

Ship Completions Slide Slightly

Ship completions in the first quarter decreased 1.5% to 2.97 million CGT, despite the projection of a mild rally for the full year thanks to large orders won by Korea's major shipyards including Hyundai Heavy Industries (HHI), Daewoo Shipbuilding & Marine Engineering (DSME), Samsung Heavy Industries (SHI) and others.

Shipbuilding Volume of Korean Shipbuilding Industry

(Unit: 1,000 CGT)



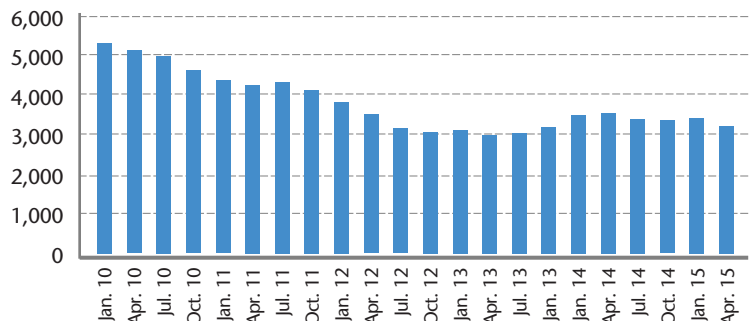
Source: Clarkson

Orderbook Down 4.4% from 4th Qtr. 2014

The orderbook of Korean shipyards based on early April 2015 data decreased 4.4% from the 4th quarter of 2014 to 32.7 million CGT due to a steep decline in secured order volume compared with a slight reduction in shipbuilding volume,

Korea Shipyards Backlog Trends

(Unit: 1,000 CGT)



Source: Clarkson

Prospects for Korean Shipbuilding Industry

Low Possibility of Recovery With Obstacles

The market situation is likely to remain difficult throughout the year amid negative factors, including no possibility of a recovery in the offshore plant market and even shrinkage of eco-ship investment demand.

- With orders for oil tankers and transportation competition for large-scale ships in full swing following a rise in charterage, the containership market, which also expects demand from late orderers, is projected to grow.

- In the case of small and medium-sized shipyards, a worsening market is expected this year, centering on MR tankers. Since this is a market supported by actual demand for product carriers, however, shipyards will need to conduct intensive sales promotions, as orders are likely to be issued, even though they may not be large in scale.

- Due to extreme stagnation of orders in the bulk

Trends & Prospects of Korean Shipbuilding Industry

Category	2012	2013	2014	2015. 1Q	2015 (f)
Order Volume (1 mil. CGT)	8.4	18.7	12.6	2.3	9.5
Order Amount (US\$100 mil.)	306.6	464.5	327.1	49.8	230
Shipbuilding Volume (1 mil. CGT)	13.6	12.4	12.1	3.0	12.3
Orderbook (1 mil. CGT)	31.0	35.3	34.2	32.7	31.4
Exports (US\$100 mil.)	397.5	371.7	398.9	134.1	420

Sources: Clarkson, Ministry of Trade, Industry & Energy

market, competitors in countries like Japan and China are expected to make full-fledged inroads into the tanker market, so fierce competition will likely occur.

Orders for LNG carriers are expected to be placed, but it is difficult to expect large-scale orders for the time being due to existing orders issued over the past several years. Projected orders for offshore plants also are low.

Prospects for Order Volume, Order Amount in 2015

In 2015, the total order volume and order amount for Korean shipyards is expected to be 9.5 million CGT and US\$23 billion, down about 24% and about 30%, year-

on-year, respectively.

Affected by the large orders won in 2013, the shipbuilding volume of Korean shipyards is projected to reach 12.3 million CGT, up 1.5% year-on-year.

Nevertheless, orderbook will likely decline about 8% year-on-year due to the slowdown in securing new orders.

Exports are expected to increase about 5% owing to mild growth in shipbuilding volume and the delivery of high-priced drillships, LNG carriers, FPSOs, etc.

Trends & Prospects of Major Shipping Markets

Affected by a slowdown in the Chinese demand, bulk carrier markets are showing a historic bottom-level freight index and a possibility of improvement is very low.

- The average BDI (Baltic Dry Index) in the first quarter of 2015 dropped 55.2% year-on-year to 614 and the charterage also is sharply declining. With even the large-scale volumes ordered in 2013 to be delivered, the market situations may worsen in 2015.

As for tankers, both charterage and freight are generally on the rise, but unrest factors are existing.

- The freight dropped in the first quarter of 2015 due to seasonal factors and remained higher year-on-year. The charterage of oil tankers is surging rapidly and that of product carriers also is showing a robust flow. With construction of MR tanks ordered in 2013 on a large scale, market situations are likely to plummet in 2015. If its demand disappears in the shipping market, oil tankers may face a deepening of supply excess as well.

The freight of containerships is weakening. However, there is a possibility that business performance of shipping companies may improve in 2015.

- HRIC (Howe Robinson Container Index) is expected to continue a rising trend. The containerships will likely maintain the previous year's level of business conditions without big changes in the market or slightly weaken.



(Continued from p15)

Korea's Policy Direction for Promoting LNG-Fueled Ships

II . Policy Goals

1. Improve Systems to Introduce LNG-Powered Ships and Activate Bunkering
2. Create an Initial Domestic Market for Bunkering of LNG-Powered Ships
3. Localize LNG Equipment & Materials and Enhance Technological Prowess

III . Details of Support Measures

1. Promotion of System Improvement & Standardization

- ① Ministry of Trade, Industry & Energy: Urban Gas Business Act and Ministry of Oceans & Fisheries: Marine Environment Management Act, Ship Safety Act, Maritime Safety Act, etc.

Ministry of Trade, Industry & Energy	Promote revision of Urban Gas Business Act and ordinances for early invigoration of LNG bunkering and alleviation of restrictions related to LNG testing facilities - Completed revision of 'Tank Lorry to Ship' (Nov. 2011) - For 'Station/Terminal to Ship,' revision is required for facility, technology & inspection criteria of 'Fixed-type LNG Ship Charging'
Ministry of Oceans & Fisheries	Improve related laws and ordinances, Marine Environment Management Act, etc. - For offshore LNG bunkering of LNG ships near domestic coasts, revise Marine Environment Management Act, etc. to add LNG to existing fuels - Through revision of Ship Safety Act, Maritime Safety Act, Public Order in Open Ports Act, etc., exclude LNG carriers from scope of dangerous cargo carriers. - LNG bunkering committee to study revision of provisions of related laws and ordinances for 'Ship to Ship' /Korea Gas Corporation's research study (April 2015 ~)

② Ease Restrictions on Testing LNG Equipment

At present, the testing facilities of Korea Marine Equipment Research Institute (KOMERI) are classified as 'General High-Pressure Gas Storage Facilities' in High-Pressure Gas Safety Control Act. This means that the permission of Korea Gas Safety Corp. is required for every change in individual test, required time or expense increase.

To address this problem, the reclassification of the testing facilities as 'Testing/Research Use Facilities' can reduce the time required for testing by 2~3 months per test with the elimination of the need for permissions. As a result, the nine functional tests scheduled for 2015 can be completed on time.

③ Take Lead in LNG-Fueled Ship Promotion-Related International Standardization

In the LNG-powered system field, the development of which is being pursued vigorously at home and abroad, Korea should work to expand compatibility through standardization of domestic products, preoccupy the global market and spearhead technology development through introduction of a quality guarantee system.

It should also take the lead in suggesting international standards for core technologies as well as R&D of LNG-powered ship equipment and materials.

2. Establishment of LNG Bunkering Infrastructure & Introduction of LNG-Powered Ships

① Build LNG Bunkering Terminals

Korea should proceed with the construction of LNG bunkering terminals and introduce LNG bunkering shuttles to establish a comprehensive LNG bunkering infrastructure.

② Introduce LNG-Powered Ships

3. Enhance Competitiveness Through Localization of Equipment & Materials

① Prepare Gas Fuel Propulsion-Related Core Technology Roadmap and Develop Technologies

There is a need to respond to technology demand for gas fuel propulsion core technologies and secure technological competitiveness.

Development of Materials & Parts Tech	o Cryogenic high-pressure welding-type insulated pipe and valve jacket technologies for LNG supply systems (government support: ₩1.95 billion)
Development of Core Industrial Tech	o Core LNG ship-to-ship bunkering shuttle design technology (government support: ₩4.63 billion) o Basic design package of natural gas fuel propulsion-applied BP 200-ton-class offshore drilling support vessel (government support: ₩3.812 billion) o LNG-fueled 10,000 TEU-class containership fuel tank arrangement & high-end system technologies (government support: ₩3.964 billion)
Development of Industrial Upgrade Tech	o Ship-use clean fuel LNG tank & vaporizer (government support: ₩1.551 billion)
Development of Energy Resources Recycling Green Tech	o 5m ³ /h flow-rate high-pressure piston pump in public notice of ship-use LNG (government support: ₩1.15 billion)
Development of Tech to Lead Metropolitan Economic Spheres	o Localization of cryogenic ultra high-pressure control valve for ship LNG engine (government support: ₩1.2 billion) o Cryogenic high-pressure, high-temperature insulated dual pipes for ship LNG supply system (₩1.6 billion) o Commercialization of cryogenic, high-pressure PCB-type heat exchanger for ship LNG fuel supply system (government support: ₩2.16 billion) o 20m ³ /h flow-rate low-pressure pump for ship LNG supply system (government support: ₩0.92 billion) o Core flow-rate measuring equipment & monitoring system for ship LNG supply system (government support: ₩0.78 billion)

To satisfy this requirement, Korea's roadmap planning committee (January~June 2015) should evaluate the status and trends of LNG fuel propulsion ships and bunkering; investigate and induce domestic LNG fuel propulsion ship and bunkering demand technologies; and prepare LNG fuel propulsion ship and bunkering R&D roadmaps.

② Government-Sup

ported Technology Development Status (11 Tasks, About ₩23.7 Billion)

③ LNG Fuel-Propulsion & Bunkering-Related Tech Development for 2015 (2 Tasks)

Development of LNG fuel propulsion system-mounted small & medium-sized ship designs for response to exhaust gas restrictions

The scope of government support for this task covers examination of an LNG fuel propulsion system for large ships and inducement of optimum application method to small & medium-sized ships, as well as the optimum arrangement of design technology for small & medium-sized LNG fuel propulsion ships and removal and easing of risk factors.

The protect period is three years with government investment of up to ₩1 billion in 2015 (total government investment: Up to ₩3 billion). The lead organizations will be small and mid-size enterprises.

Development of high-function LNG transport cryogenic flexible hose for offshore LNG bunkering

The scope of this task includes the design and production of high-function cryogenic flexible hose for LNG bunkering and a safety-based emergency release system as well as the accomplishment of cryogenic functional tests to verify the developed products. Government investment in this task is set at ₩0.5 billion in 2015.

The lead organizations will be small and mid-size enterprises with the participation of non-profit

organizations as required (participation of large enterprises is prohibited)

④ Establishment of KS for High Manganese Steel (December 2014)

The task has succeeded in development of high manganese steel, a core material for cryogenic LNG carriers and storage devices. This material can replace previously used high-priced nickel-content cryogenic material, which suffered from unstable supply, with a cost-saving potential of 50~70% compared with the previously used cryogenic materials.

The Korean Agency for Standards & Technology (KATS) has verified the functionality of high manganese steel and established a Korean Standard (KS) (February 2014) for high manganese steel plate for use in cryogenic pressure vessels. KATS also established a KS (December 2014) for high manganese-use welding rod & wire and welding materials.

As a result of these developments a domestic market for cryogenic materials scaled at about ₩1.4 trillion is expected by 2020.

With steel makers engaging in excessively severe competition due to the global economic stagnation and respective governments likely to strengthen

import restrictions, the steel industry is expected to redouble efforts for conversion of previous products into high value-added goods, including high manganese steel

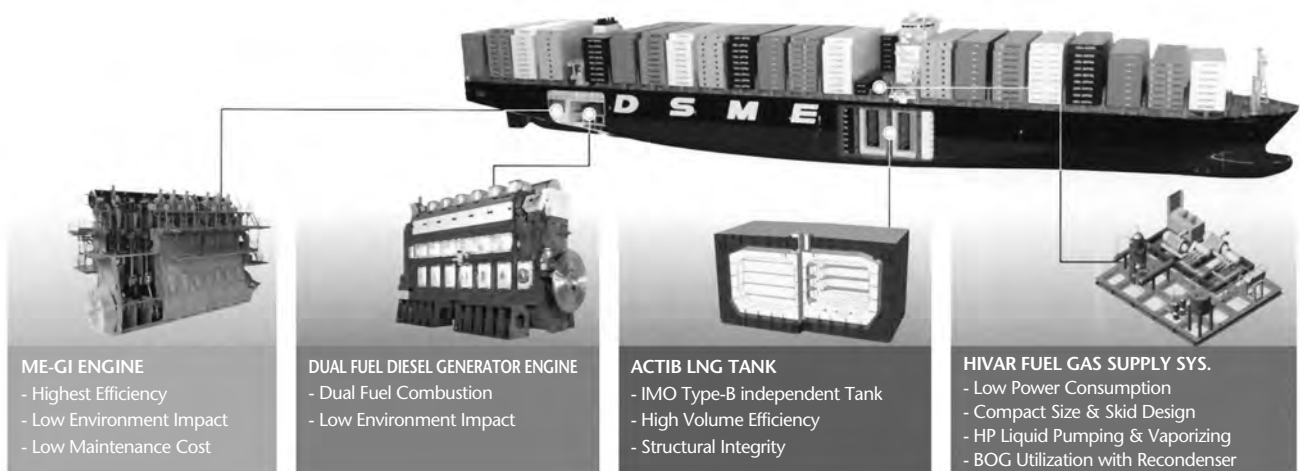
⑤ Securing Track Record for Gas Fuel Propulsion-Related Localized Equipment & Materials

A task to be pursued simultaneously is the localization of overseas advanced gas fuel propulsion-related core equipment and materials for which Korea depends heavily on imports.

⑥ Establishment of Functional Testing & Certification Center for Gas Fuel Propulsion System Equipment & Materials

At present, KOMERI lacks testing facilities related to re-liquefaction and re-vaporization of gas fuels and functional assessment of high-pressure, medium pressure and low-pressure fuel supply systems. Engineering-related testing facilities also are not available.

Once established, the center would assume assessment of functions and reliability of various equipment & materials for high-pressure, medium-pressure and low-pressure fuel supply systems mounted on medium & large-sized ships, development of engineering technologies and support for related enterprises.



Global Containership Order/Delivery Status Since 2014

Year	Client	Order receipt shipyard	Country	Volume (1,000TEU)	No. of ships	Size per ship (1,000TEU)	Remarks
2014	MSC	DSME	Korea	114.7	6	19.1	
		SHI	Korea	114.9	6	19.2	
	CMA-CGM	Jinhai Heavy Ind	China	7.5	3	2.5	
	Evergreen	SHI	Korea	71.8	5	14.4	
		Hudong Zhonghua	China	72.5	5	14.5	
	COSCO Group	SCS Shipbuilding	China	47	5	9.4	
		HHI	Korea	18.8	1	18.8	
	UASC	HSHI	Korea	87	6	14.5	
2015 completions	K-Line	Imabari	Japan	69.4	5	13.9	
	Others			462.1	101	4.6	
	Subtotal			1,065.60	143	7.5	
	A.P. Moller	COSCO Zhoushan	China	25.2	7	4	Option for 2 additional ships
	MSC	Hanjin Subic	Korea-Philippines	44.0	4	11	
	CMA-CGM	Hanjin Subic	Korea-Philippines	61.8	3	21	
	Evergreen	Imabari	Japan	198.0	11	18	
	MOL	Imabari	Japan	40.3	2	20	
Orders issued (2014~2015)		SHI	Korea	80.6	4	20	
	OOCL	SHI	Korea	126.6	6	21	Option for 6 additional ships
	Others			14.4	6	2.4	
	Subtotal			590.9	43	14	
				1,656.5	186	9%	9% compared with ship space as of end 2014
	Total backlog (As of April 2015)			3,443.0		19%	Backlog balance accounts for 19% of ship space volume as of end 2014
	Total ship space (As of end 2014)			18,225.0		100%	
	Additional deliveries expected in 2015	Hapag Lloyd	HHI	For Korea	55	5	11
Total	AP Moller		High for Korea	76	4	19	Option for 2 additional ships
				70	5	14	
	Yang Ming		High for Korea	90	5	18	
	COSCO		High for China	220	11	20	
	CSCL		High for China	100	5	20	
	Hamburg Sud		High for China	100	10	10	
	Zim Line		For China	98	7	14	Option for 6 additional ships (At the initial negotiation stage)
	Total			809	40	20	

Source: Clarkson, Daishin Securities Research Center

Financial Status

Hyundai Heavy Industries Co., Ltd.

(Unit: ₩1 Billion)

Division	2013A	2014A	2015F	2016F	2017F
Current Assets	29,254	29,872	29,761	30,080	30,507
Cash & Cash Equivalents	1,337	3,229	7,325	7,739	8,049
Accounts Receivable	13,418	12,673	12,163	12,124	12,172
Inventory	6,129	5,822	5,085	5,029	5,098
Other Current Assets	8,371	8,147	5,188	5,188	5,188
Non-Current Assets	23,951	23,513	22,433	22,095	21,880
Tangible Assets	15,713	16,060	16,466	16,837	17,178
Investments in Associates	662	554	446	324	202
Other Non-Current Assets	7,576	6,898	5,522	4,934	4,500
Total Assets	53,205	53,384	52,194	52,174	52,387
Current Liabilities	26,516	27,703	27,228	27,191	27,236
Accounts Payable	13,016	14,503	14,028	13,992	14,036
Borrowings	8,306	7,692	7,692	7,692	7,692
Current Liabilities	2,267	2,280	2,280	2,280	2,280
Other Current Liabilities	2,928	3,228	3,228	3,228	3,228
Non-Current Liabilities	7,659	9,043	8,758	8,530	8,347
Borrowings	5,215	6,386	6,386	6,386	6,386
Convertible Securities	0	0	0	0	0
Other Non-Current Liabilities	2,444	2,657	2,372	2,144	1,961
Total Liabilities	34,175	36,746	35,986	35,721	35,583
Controlling Interests	17,250	15,174	14,781	15,005	15,325
Paid-In Capital	380	380	380	380	380
Capital Surplus	1,109	1,109	1,109	1,109	1,109
Retained earnings	16,293	14,272	14,176	14,579	15,007
Other Capital Changes	-533	-587	-885	-1,063	-1,171
Non-Controlling Interests	1,780	1,465	1,427	1,448	1,479
Total Capital	19,030	16,639	16,208	16,453	16,804
Net Debt	8,980	8,126	4,031	3,617	3,306

Samsung Heavy Industries Co., Ltd.

(Unit: ₩1 Billion)

Division	2013A	2014A	2015F	2016F	2017F
Current Assets	10,717	10,581	11,269	11,738	12,147
Cash & Cash Equivalents	818	341	1,411	2,028	2,579
Accounts Receivable	5,809	6,280	5,946	5,904	5,865
Inventory	842	1,169	1,121	1,014	911
Other Current Assets	3,248	2,792	2,792	2,792	2,792
Non-Current Assets	6,710	6,541	6,654	6,814	7,055
Tangible Assets	5,254	5,273	5,335	5,394	5,448
Investments in Associates	6	5	5	5	5
Other Non-Current Assets	1,450	1,263	1,313	1,415	1,601
Total Assets	17,427	17,122	17,923	18,552	19,202
Current Liabilities	9,444	10,008	10,273	10,780	11,339
Accounts Payable	5,538	5,307	5,246	5,109	4,977
Borrowings	1,422	2,214	3,005	3,796	4,588
Current Liabilities	257	654	400	400	400
Other Current Liabilities	2,227	1,834	1,622	1,475	1,374
Non-Current Liabilities	2,138	1,541	1,892	1,843	1,794
Borrowings	1,258	960	1,311	1,262	1,213
Convertible Securities	0	0	0	0	0
Other Non-Current Liabilities	880	581	581	581	581
Total Liabilities	11,581	11,549	12,165	12,623	13,133
Controlling Interests	5,846	5,537	5,722	5,890	6,030
Paid-In Capital	1,155	1,155	1,155	1,155	1,155
Capital Surplus	423	424	424	424	424
Retained earnings	4,841	4,872	5,074	5,255	5,403
Other Capital Changes	-573	-913	-931	-943	-952
Non-Controlling Interests	0	36	37	38	39
Total Capital	5,846	5,573	5,759	5,928	6,069
Net Debt	442	2,157	1,976	2,102	2,293

Daewoo Shipbuilding & Marine Engineering Co., Ltd.

(Unit: ₩1 Billion)

Division	2013A	2014A	2015F	2016F	2017F
Current Assets	10,063	12,232	13,157	15,608	18,012
Cash & Cash Equivalents	383	139	1,201	3,696	6,292
Accounts Receivable	6,467	7,881	7,865	7,862	7,839
Inventory	1,182	2,019	1,915	1,890	1,736
Other Current Assets	2,032	2,192	2,176	2,160	2,145
Non-Current Assets	8,426	8,058	7,788	7,607	7,484
Tangible Assets	6,211	6,233	6,285	6,334	6,380
Investments in Associates	92	85	90	95	101
Other Non-Current Assets	2,123	1,740	1,413	1,177	1,003
Total Assets	18,489	20,290	20,945	23,215	25,496
Current Liabilities	9,300	10,688	9,287	9,350	9,448
Accounts Payable	5,616	6,645	6,603	6,593	6,530
Borrowings	2,308	2,322	2,249	2,175	2,102
Current Liabilities	1,063	1,369	0	0	0
Other Current Liabilities	314	351	435	582	816
Non-Current Liabilities	4,410	4,838	6,584	8,331	10,077
Borrowings	3,437	3,880	5,630	7,380	9,130
Convertible Securities	61	61	61	61	61
Other Non-Current Liabilities	912	896	893	890	886
Total Liabilities	13,710	15,526	15,872	17,681	19,526
Controlling Interests	4,928	4,973	5,297	5,777	6,233
Paid-In Capital	962	962	962	962	962
Capital Surplus	0	0	0	0	0
Retained earnings	3,928	4,019	4,356	4,841	5,298
Other Capital Changes	38	-8	-21	-26	-27
Non-Controlling Interests	-149	-210	-223	-244	-263
Total Capital	4,779	4,764	5,074	5,534	5,971
Net Debt	6,206	7,233	6,495	5,692	4,788

Hyundai Mipo Dockyard Co., Ltd.

(Unit: ₩1 Billion)

Division	2013A	2014A	2015F	2016F	2017F
Current Assets	6,533	7,450	8,098	8,644	9,437
Cash & Cash Equivalents	243	716	1,293	1,881	2,696
Accounts Receivable	1,400	1,545	1,568	1,545	1,532
Inventory	254	289	306	289	280
Other Current Assets	4,636	4,900	4,930	4,930	4,930
Non-Current Assets	3,695	2,613	2,613	2,614	2,614
Tangible Assets	845	851	850	849	848
Investments in Associates	22	26	29	32	36
Other Non-Current Assets	2,828	1,736	1,734	1,733	1,731
Total Assets	10,228	10,064	10,711	11,258	12,052
Current Liabilities	5,984	6,719	7,275	7,722	8,429
Accounts Payable	2,061	2,572	2,587	2,571	2,563
Borrowings	2,608	2,381	2,381	2,081	1,781
Current Liabilities	11	32	0	0	0
Other Current Liabilities	1,304	1,734	2,306	3,069	4,085
Non-Current Liabilities	1,003	1,418	1,358	1,347	1,346
Borrowings	161	251	251	251	251
Convertible Securities	0	0	0	0	0
Other Non-Current Liabilities	842	1,168	1,107	1,096	1,095
Total Liabilities	6,987	8,137	8,633	9,069	9,775
Controlling Interests	3,093	1,797	1,939	2,042	2,124
Paid-In Capital	100	100	100	100	100
Capital Surplus	90	86	86	86	86
Retained earnings	1,873	1,216	1,267	1,370	1,452
Other Capital Changes	1,030	395	486	486	486
Non-Controlling Interests	148	129	140	147	153
Total Capital	3,241	1,927	2,078	2,189	2,277
Net Debt	-1,652	-2,419	-3,029	-3,916	-5,031

Source: Daishin Securities Research Center

KME (Korea Marine Equipment)



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• Major Contents

- 2015 Industry Landscape Outlook for 7 Marine Economic Sectors .. Bulk, Tanker, Container, Gas Carrier, Offshore Plant, Steel & Shipping
- Korean Big 3 Shipyards Management Strategy for 2015
- LNG Leverage to 2015 Shipbuilding & Offshore Biz. Turnaround

LNG-Powered Ship Forum



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• Major Contents

- 'Policy Support Direction for LNG-Powered Ships' (Ministry of Trade, Industry & Energy)
- 'Busan City's Support Direction for LNG Equipment & Materials' (Busan Metropolitan City)
- 'Ship-Related Environmental Restrictions & Hyundai Heavy Industries' Preparations' (General Manager Han Ju-Seok)
- 'Technology Status of LNG Products & Daewoo Shipbuilding & Marine Engineering's Strategy' (General Manager Min Ki-Eop)
- 'Samsung Heavy Industries' LNG FGSS Technology Status & Response Strategy' (Deputy General Manager Lee Jae-Moo)
- 'Localization Development Status of LNG FGSS Fuel Cylinders & Commercialization Promotion Direction' (Deputy General Manager Shin Won-Hyeop, NK Co., Ltd.)

HHI IR Presentation



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• Major Contents

- New Orders by Ship Type (December 2014)
- Backlog by Ship Type (December 2014)
- Annual Deliveries (2007-2014)
- Sales, Operating Profit (2010-2014)
- Business Overview & Outlook (2014-2015)

2014 DSME Business Report



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• Major Contents

- Company Overview
- Business Report
- Holding Company, Subsidiaries & Other
- Parent Company, Subsidiaries, Joint Ventures, etc.
- Company & Subsidiary Companies' Investment Status in Other Companies
- Major Creditors, etc.
- Audit Report
- Financial Statements
- Consolidated Financial Statements

Marine Equipment Korea 2015 (Comprehensive Guidebook)



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- **Published by:** Korea Marine Equipment Association (KOMEA)

• Major Contents

- Review of KOMEA Activities in 2014
- Preview of KOMEA Activities for 2015
- Statistical Highlights
- Membership Directory
- Certified World-Class Korean marine Equipment Products
- Winners of Quality-Reliable Marine Equipment Certifications From Seven Leading Shipyards

Quality-Reliable Marine Equipment Enterprises



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• Major Contents

- List of 21 Certified Marine Equipment Enterprises
- List of 7 Certificate-Issuing Shipyards
- Profiles of 21 Quality-Reliable Certified Marine Equipment Enterprises
- Convention on Creation of Shipbuilding & Offshore Plant Cooperation Ecosystem

1st Quarter 2015 Ship Delivery Trends & Outlook



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• Major Contents

- Korean Big Three Shipbuilder Order Receipt Status
- Global Shipbuilding Order Trends
- Prospects for New Containership Orders
- Order Volume Trend Vs. Major Ship Type Bulk Volume

Korean Medium-Sized Shipbuilding Industry Trends in 1Q 2015



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• Major Contents

- Global Shipbuilding Market Status
- Domestic Medium-Sized Shipyard Trends
 - Order Volume & Backlog
 - Newbuilding
- Ship Price Trend for Medium-Sized Ships
 - Prospects & Implications

2nd MOTIE Vice Minister Moon's Visit to Washington

Korea Proposes Condensate Cooperation With USA

2nd Vice Minister Moon Jae-do of the Ministry of Trade, Industry & Energy (MOTIE) attended the Embassy Series held in Washington, D.C., on the theme 'U.S. Oil & Gas Trade Expansion in the Pacific Rim Region' and suggested Korea-US condensate cooperation.

Owing to the recent shale gas development boom, the production volume of condensate, known as a ultra-light crude oil mainly discovered in gas fields, is increasing sharply in the United States.

The Embassy Series is an event held jointly by the U.S. Energy Policy Research Foundation Inc. (EPRINC) and embassies of respective countries to collect public opinion regarding U.S. energy policies.

In his keynote speech, Vice Minister Moon insisted, "U.S. exports of LNG that began with the shale revolution are opening a new horizon for energy trade in the Pacific Rim and the U.S. should continue the energy trade expansion momentum with condensate."

Saying, "Exports of U.S. condensate to Korea would be win-win opportunities to enhance energy security and stabilize oil prices for Korea and to create jobs for the United States," Moon suggested, "The United States should allow exports of condensate exceptionally



to those countries with which it has concluded FTAs."

About 50 officials from the U.S. government and Congress, embassies of respective countries and media participated in the event, including Theodore Kassinger, former U.S. Deputy Secretary of Commerce, and Republican Senator Matt Legget, and showed high interest in the easing of export restrictions on U.S.-produced condensate.

As for permission of crude oil exports, there are pros and cons in the U.S. Congress, etc., but the participants shared the same opinion on the assertion that if exports are allowed, economic and geographical effects will be strong for the U.S.

Vice Minister Moon's keynote address at the Embassy Series was preceded by his presentation at an energy conference in Washington

where he elaborated on the value of Korea-U.S. cooperation in the energy sector.

"From this perspective, I believe that if the U.S., with its wealth of energy technologies, cooperates with Korea, an ICT powerhouse, to develop new energy businesses, it will benefit not only our two countries but people all over the world," Moon said during the conference organized by the Korea Economic Institute.

The two countries have already kicked off related cooperation, with a Korean factory in the U.S. state of Michigan supplying batteries for 60,000 electric vehicles every year, Moon said. Moon also cited similar cooperative projects, including those in the energy storage system (ESS) sector.

Moon went on to outline major renewable energy projects under way in Korea, such as energy self-sufficient islands, electric vehicle battery leasing, the expanded use of ESS, the facilitation of demand-side resource trade and the use of warm cooling water discharged from power plants for agriculture. In particular, Moon said Korea's southern resort island of Jeju, with a coastline roadway of 200 kilometers, is well suited for electric vehicles, and that the country plans to replace all vehicles on the island, some 370,000 units, with electric vehicles by 2030.

Offshore & Shipbuilding

Date	Korean	Source	English
5.7	현대중, Hi-FIN 프로펠러 부착기 사용시 에너지 절감효과 계량화	HHI	Hyundai Heavy Industries Puts Its Fuel Saving Propeller Attachment, Hi-FIN, into Service
4.28	현대중, 2015년 1사분기 매출 전년동기 대비 11.7 % 하락	HHI	Hyundai Heavy Industries Releases Consolidated 1Q15 Results
4.22	1분기 선박 발주 동향 (Container선 포함)	Daishin Securities	Trends of Shipbuilding Order During 1Q
4.22	대우조선해양 기술 적용된 세계 최초'천연가스 추진 선박'명명식	DSME	World's 1st LNG-Fueled Ship Features DSME Technology
4.22	현대삼호, Boxship, "올해의 그린쉽"으로 선정	HSHI	A Boxship named "Green Ship of the Year"
4.20	조선사 1Q Preview 수주 가뭄이 문제	Daishin Securities	Shipyards Performance Preview for 1Q: Sluggish Order Delivery No.1 Problem
4.20	한진중 수빅조선소, 1조 1천억 수주 대박	HHIC	Hanjin-Subic Wins ₩7.1 Trillion in Orders
4.17	한진중 수빅조선소, 세계최대형 2만600TEU급 컨선 수주	HHIC	HHIC-Phil's Subic Shipyard is selected as the builder of 20,600 TEU container ships
4.13	대우조선해양, 세계 최초 LNG선에 적용될 PRS® 납품시험 성공	DSME	DSME LNGC P.R.S. Function Test Successful
4.3	대우조선해양, 해양플랜트용 고압 볼밸브 선급 인증 획득	DSME	DSME High-Pressure Ball Valve Wins ABS Certification
4.2	삼성중, 세계 최대형 컨테이션 수주기록 경신	SHI	Samsung Heavy Industries Renews its Hold on the World's Largest Container Ship Order Record
4.2	삼성중 2만1100TEU급 초대형 컨선 6척 1조원에 수주	MK News	SHI Wins Order for 21,000TEU-Class Super Containership
4.1	조선해양플랜트협회 확장에 박대영 삼성중공업 사장	MK News	SHI President Elected KOSHIPA Chairman
3.30	2015년 저가선박 문제 마무리로 실적개선 가능성 커	Meritz Securities	Shipyards Biz Turnaround Seen with Settlement of Low-Priced Order Matters
3.24	대우조선해양, 세계 최초 FLNG 위용 드러내	DSME	DSME Nears Dedication of FLNG Ordered by Petronas
3.24	현대중, 계열사 유사업무 통합	HHI	Hyundai Heavy Industries Integrates Overlap of Functions
3.18	대우조선해양 고재호 사장 유임, 대표이사로서 모든 권한 행사	DSME	DSME President Ko Jae-Ho will Maintain Post for the Time Being
3.16	외국인 고기능 조선용접인력 174명 긴급 도입	MOTIE	Recruitment of High-Grade Foreign Welding Manpower for Shipbuilding
3.16	2015-162호「해양플랜트 설계전문인력양성」사업 공고	MOTIE	Public Notice of Offshore Plant Design Manpower Cultivation Project
3.5	한진중 영도조선소, 3만 8000㎡급 LPG 운반선 2척 수주	HHIC	HHIC's Yeongdo Shipyard signs an agreement to build two LPG carriers (38,000m ²)
3.2	현대중, 국내 최대 1만톤급 해상크레인 준공	HHI	HHI Dedicates 10,000-Ton-Class Marine Crane
2.24	대우조선해양, 3개월 연속 수주잔량 세계 1위	DSME	DSME: World's 1st in Orderbook for 3rd Consecutive Month Since End November '14
2.24	현대중, 고성능 LNG 운반선 개발	HHI	HHI Develops High Function LNG Carrier
2.17	대우조선해양, '차세대 선박' 핵심기술 특허 무상 제공	DSME	DSME to Provide Next-Gen Shipbuilding Tech to Local Firms Free of Charge
2.13	현대중, 세계 최대 원통형 FPSO 완공	HHI	Hyundai Heavy Industries Hands Over the World's Largest Cylindrical FPSO
2.13	세계 최대규모의 심해해양공학수조 착공	MOTIE	Korea Starts Construction of World's Largest Deepsea Offshore Engineering Basin
2.12	대우조선해양, 일본 MOL 社로부터 LNG선 수주	DSME	DSME Wins 180,000 m ³ -Class LNG Order from MOL
2.9	해양플랜트 타당성조사 사업에 32.4억원 투자	MOTIE	Korea to Support ₩3.24 Billion for Feasibility Study of Overseas Plants
2.4	대우조선해양, 2월 첫 수주도 LNG선	DSME	1st Order Secured by DSME in February Also LNG Carrier
1.26	오일 메이저들의 선별적 투자 지속	Woori Investment & Securities	Oil Majors Continue to Maintain Selective Investment

Offshore & Shipbuilding

Date	Korean	Source	English
1.23	대우조선해양, 청조경제와 동반성장 실현 위해 조선업계 최초로 국내 업체에 핵심 특허 기술 이전	DSME	DSME to Transfer LNG Fuel System Patent to Local Firms
1.23	해양장비개발 및 인프라 구축사업 신규과제 선정계획 공고 (공)	MOF	Public Notice of Plan to Select New Tasks for Marine Equipment Development & Infrastructure
1.22	대우조선해양, 한국가스공사 LNG선 4척 계약하며 2015년 수주 본격 개시	DSME	DSME Wins Order for 4 LNG Carriers from Korea Gas Corp.
1.22	현대중, 해양플랜트 기자재 국산화 본격 추진	HHI	Hyundai Heavy Industries Localizes Offshore Facilities Equipment
1.20	대우조선해양, 2014년 최우수선박 11척 선정	DSME	11 DSME Ships Selected as '2014 Most Excellent Ships'
1.20	대우조선해양 노·사, 2014년 돌아보며 상호 간 신뢰 확인	DSME	DSME's Labor, Management Confirm Mutual Confidence
1.8	조선해양산업인, 창의회 혁신에 기반한 경제로 위기극복을 다짐	MOTIE	New Year Greetings & CEO Meeting of Korean Shipbuilding & Offshore Ind.
12.31	대우조선해양, 인팩스 프로젝트 1,000만 시수 무재해 달성하며 한 해 마무리	DSME	DSME Records 10 Million Accident-Free Hours in INFEX FPSO Project
12.31	대우조선해양, 2014년 불황 속 수주목표 초과달성	DSME	DSME Realizes Order-Receipts Exceeding Target for 2014
12.24	한진중, 제2독도함(LPX) 수주 쾌거	HHIC	HHIC pens second landing craft unit (LPX)
12.17	한진중 수빅조선소, 매출액 50억불 달성 쾌거	HHIC	Hanjin-Subic Achieves US\$5 Billion Turnover
12.16	세계 정상 및 주요 인사들이 연이어 대우조선해양 방문한 이유는?	DSME	Many High-Ranking Foreign Government Officials Visit DSME
12.16	대우조선해양, 통산 10번째 세계일류상품 수상으로 국내조선사 중 최다 보유	DSME	DSME Secures Largest Number of World-Class Products
12.16	대우조선해양, 'KOLAS 국제공인시험기관 인정' 획득	DSME	DSME Acquires Internationally-Recognized Testing Body Accreditation from KOLAS
11.28	대우조선해양, 중형잠수함 장보고-III 건조 착수	DSME	DSME Takes Up Construction of Jang Bo-Go Submarine-III (3,000 Ton Class)
11.19	세계 최대 컨테이너선 완공	HHI	Hyundai Heavy Industries Completes the World's Largest Containership
11.18	"실내에서 오대양을 항해한다"대우조선해양, 연구소 내 스마트십 운항 체험시스템 구축	DSME	DSME Establishes Smart Ship Operation Experience System
11.3	규제완화로 경제자유구역 개발 물꼬 튼다	MOTIE	Korea Revises Special Act on Free Economic Zones
10.16	선박안전관리 시스템 선진화 방안 연구 (입)	MOF	Research Tender for Advancement of Ship Safety Management System
10.15	권토중래(捲土重來), LNG가 답이다	Shinhan IS	LNG ... Leverage to Offshore & Shipbuilding Industry's Future Growth
10.13	현대중공업, 고강도 개혁 나선다	HHI	HHI Rolls Sleeves to Take Up Intensive Reform
10.13	삼성중, LNG선 3척 6.2억 달러 수주	SHI	SHI Wins Order for Three LNG Carriers Worth USD 620 Million
10.7	삼성중, 배빙유조선 3척 4.4억 달러 수주	SHI	SHI Wins Order for Three Arctic Shuttle Tankers Worth USD 440 Million
9.30	삼성중-삼성엔지니어링 기업설명회(IR) 개최	SHI	Samsung Heavy Industries and Samsung Engineering Host an IR Event
9.26	대우조선해양 세계 최초 FLNG, 첫 상부 구조물 탑재 성공	DSME	PETRONAS, First Topside Module Loaded
9.23	삼성중, 국내 기자재업체와 LNG-FSRU 핵심장비 공동개발	SHI	SHI Develops Core Equipments for LNG-FSRU
9.23	한·중·일 조선소가 느끼는 선거 추이	Daishin S	Ship Prince Effects in Korea, Japan & China
9.18	천연가스 재역화 시스템 독자 개발로 차세대 선박 시대 문 연 대우조선해양, 친환경 LNG운반선 2척 수주 권리자	DSME	DSME Wins Two 173,400 CMB ME-GI LNG Carriers
9.18	대우조선해양, 초대형 LPG운반선 2척 수주	DSME	DSME Wins Two Very Large LPG Carriers
9.1	삼성중공업-삼성엔지니어링 합병	SHI	Samsung Heavy Industries announces merger with Samsung Engineering



Shipping & Logistics

Date	Korean	Source	English
5.6	흥아해운, 1분기 영업이익 61억...전년비 903 ↑	Hankyung	Heung-A Profits Up 9.3% During 1Q
5.6	하나로해운, 영업이익 60% 성장 배경은	the bell	Secret to Hanaro Shipping's Earnings Surprise
5.6	대한해운 2금융권서 180억 조달	Hankyung	KLC Mobilizes ₩18 Billion in Secondary Financing Market
5.6	한진해운 1분기 실적 장밋빛, 자유가+부산신항만 효과 톡톡	Herald	Hanjin Shipping Enjoys Bright 1Q Performance
4.29	해운업계, 한국해양보증 출자 적극 참여키로	KSA	KSA to Invest in Marine Finance Guarantee
4.17	글로벌비스, 평택에 자동차船 전용 부두	Chosun.com	Hyundai Glovis Vehicle-Only Port in Pyeongtaek
4.15	선주협회, 해운-조선-금융 상생발전을 위한 협의회 출범	KSA	Shipping, Shipbuilding & Finance Value Network
4.7	2015년 북극정책 시행계획 수립	MOF	MOF Reports '2015 North Pole Policy Implementation Plan'
3.3	해수부-국토부 손잡고 화주·물류기업 동반 해외진출 지원	MOF	Support Accompanied Overseas Advance of Cargo-Owners & Logistics Firms
3.3	KSS해운, 현대미포조선과 가스운반선 1대 계약	Asia economy	KSS Line-Hyundai Mipo Shipyard Contract for Gas Carrier
3.26	현대상선, 극동-남미 서안 서비스 개설	Naeil	Hyundai Glovis Vehicle-Only Port in Pyeongtaek
3.26	한진해운, 아시아-남미 서안 노선 직기항 서비스 시작	Herald	Hanjin Shipping Inaugurates Direct Asia-South America Route
3.23	하나로해운, 상장 추진	Hankyung	Hanaro Shipping Pursue Stock Listing
3.19	해수부, '제6차 해운금융 포럼' 개최	MOF	MOF Hosts 6th Shipping & Finance Forum
3.16	유기준 장관, 48개 해양산업단체장에 경제 활성화 참여 요청	MOF	MOF Minister Yoo Calls for "Invigorate Economy" Drive
3.16	세계 최대 해운동맹과 협력, 원가 경쟁력 확보	JoongAng Ilbo	Cooperation with World's Largest Shipping Alliance
3.16	KSS해운, 두둑한 성과급 '이익공유제 효과'	the bell	KSS Line Enjoys Benefit of Income-Sharing System
3.12	해수부, 미국·중국시장에 수산물 수출확대 총력	MOF	Exports Efforts to U.S., China Markets
3.12	덴마크와 북극항로 활용 등 해운협력 강화	MOF	Korea-Denmark Shipping Cooperation Vowed
3.11	쌍용해운 새 성장판은 '석탄하역'	Herald	Ssangyong Shipping Sees Coal Unloading as Growth Engine
3.6	SK해운, 3년만에 순이익 달성...영업익 1005억원	Asia economy	SK Shipping Records ₩10 Billion 1Q Business Profit
3.3	팬오션 4년만에 흑자전환	KSG	Pan Ocean Returns to Black After Four Years
3.3	흥아해운, 유가 하락으로 순이익 급증	Asia economy	Heung-A Net Profit Soars on Oil Price Plunge
2.25	1000TEU급 동영해운 컨선 "올해 최우수선박"	KSG	Dong Young Shipping Containership Nominated for "Best Ship of the Year"
2.13	하림그룹, 1조80억원에 팬오션 인수	Chosun.com	Halim Group Takes Over Pan Oceans
2.12	한국선주협회 컨테이너 운송 MOU 체결식 개최	KSA	KSA Inks MOU on Container Transport
2.4	크루즈산업 활성화에 관계기관 힘 모은다	MOF	Related Organizations in Korea to Gather Strength to Activate Cruise Industry
2.3	고려해운, 신조선 투자 거세다...2년새 순위 4계단 ↑	KSG	Korea Marine Transport Shows Active New Shipbuilding Investment
1.15	대한해운, GS동해전력과 유연탄 COA 체결	KSA	KLC, GS Donghae Electric Power Sign MOU on Bituminous Coal COA
1.15	아시아퍼시픽39호선박투자회사 선박투자업 인가 (공)	MOF	Asia Pacific No. 39 Ship Investment Company' Approved

Ports & Logistics

Date	Korean	Source	English
4.29	울진 후포 마리나 '동해안 해양레저 중심'으로	MOF	MOU for Implementation of Hupo Marina Port Development Project in Uljin County
4.23	해수부, 그린포트(Green Port) 구축의 닻을 올리다	MOF	MOU Inked for Conversion of Yard Tractors' Fuel to LNG
4.2	부산항만공사, 싱가포르서 개최된 '항만당국 대표자 회의(PAR)' 참석, 부산항 주제 발표	BPA	BPA Attends PAR in Singapore to Give Presentation on Busan Port
4.17	인천항, 2015년도 박스량 11.4% 증가 목표	IPA	Incheon Port Targets 11.4% Rise in Box in 2015
4.15	해수부, ADB와 해외항만개발 사업화를 위한 협력 기반 마련	MOF	'2nd MOF-ADB Seminar on Development of Overseas Port Facilities' in Manila
4.15	평택·당진항, 자동차 처리 허브항만으로 우뚝	MOF	Ground Broken to Build Automobile Pier at Pyeongtaek-Dangjin Port
4.7	콜롬비아 항만개발 기본계획수립	MOF	Tender for Establishment of Basic Ports Development for Colombia
4.2	제3차 전국(무역항,연안항) 기본계획 수정계획 전략환경영향평가	MOF	'3rd Strategic Assessment of Environmental Impacts on Revised Basic Plan for Nationwide Ports
4.2	'중국교역의 관문' 평택항 홍보전 박차	GPPC	GPPC Holds Pyeongtaek Port's Cargo Inducement Explanatory Session
3.31	정보통신기술 기반 항만 온실가스관리시스템 개발	IPA	IPA to Set Up 'Greenhouse Gas Inventory & Carbon Management System'
3.31	부산항, 2월 중 T/S 카고량 월간 최다량 돌파	BPA	Busan Port T/S Cargo Volume in Feb - Highest Monthly Record Ever
3.3	아시아 최대 영자신문 SCMP, 인천항 부상에 주목	IPA	South China Morning Post (SCMP) Introduces Incheon Port
3.3	2015년 2월 전국 항만물동량, 총 1억 791만 톤 처리	MOF	February Port Cargo Handling Volume Tops 179 Million Tons
3.3	해수부-국토부 손잡고 화주·물류기업 동반 해외진출 지원	MOF	Supporting Korean Logistics Companies' Overseas Advance
3.23	해수부, 부산 동삼동 크루즈 부두 확장에 440억 원 투자	MOF	₩44 Billion Investment to Expand Cruise Harbor in Busan
3.19	미국 마이애미에서 부산항 크루즈 타겟마케팅 - Cruise Shipping Miami 2015 참석	BPA	BPA Attends "Cruise Shipping Miami 2015" for Busan Port Cruise Marketing
3.12	BPA, 세계 최대 크루즈 컨벤션에서 한국 크루즈산업 알린다.	BPA	BPA Inks MOUs with Related Orgs. for Successful Hosting of 'Seatrade Cruise Asia 2015' in Busan
3.1	국제항해선박 및 항만시설의 보안에 관한 법률 시행령 개정령(안) 입법예고	MOF	Revision of International Voyaging Ship & Port Facility Security Act
3.9	부산 신항배후단지 개장 10년 만에 외국인직접투자 1,000억원 돌파	BPA	FDI to Busan New Port Stripark Exceeds 100 Bil. Won in 10 Years
3.9	평택항, 컨 물동량 13.5% 증가	GPPC	Pyeongtaek Port's Container Volume at End Feb. '15 Up 13.3% Year-on-Year
3.5	2015년 항만 컨테이너 물동량 2,610만TEU 돌파 목표	MOF	Container Movement Volume at Ports in Korea Targeted at 26.1 Million TEU for 2015
3.5	Seatrade Cruise Asia 2015 업무협약식	BPA	Roundtable with Chinese Shipping CEOs for Busan Port's Cargo Inducement Marketing
2.26	2016년부터 부산항 크루즈선 준모항시대 연다	BPA	Busan Port to Enter Inter Port Era for Cruise Liners in 2016
2.16	인천항 범 아시아권 컨테이너 노선 서비스 추가 개설	IPA	Taiwan's Wan Hai Lines to Provide Incheon-Southeast Asia Container Service
2.1	평택항 1월 컨물동량 전년 동월비 6.2% ↑	GPPC	Pyeongtaek Port's Container Volume in Jan. '15 Up 6.2% Year-on-Year
2.4	부산항만공사, 동북아협력중심항만 지속성장 마케팅 강화 부산항 최대고객 중국적 선사 대표들과 동반성장 논의	BPA	BPA Holds Roundtable with Chinese Shipping CEOs for Busan Port's Cargo Inducement Marketing
2.3	BPA, 미얀마 등 개도국에 항만경영 노하우 전수	BPA	BPA to Share Its Management Knowhow With Developing Countries Including Myanmar
2.3	GTX 수서~평택 등 경기도내 4개 철도 올해 완공	GPPC	Four Railroad Sections in Gyeonggi Province to Be Dedicated in '15
2.2	2015 부산 신항 이벤트에 고객 초대	BPA	2015 Busan New Port Invites Clients to Port Event
2.2	부산항만공사, 부산항 경영노하우 미얀마 등 개도국에 전수 추진 항만교류협력을 통한 동아시아 시장개척, 협력중심항역량 확대	BPA	BPA, Myanmar Port Authority Sign MOU for Mutual Cooperation & Win-Win Growth

Ports & Logistics

Date	Korean	Source	English
1.29	경기평택항만공사, 소비자선정 최고의 브랜드대상	GPPC	GPPC Wins Consumer's Best Brand Award
1.29	'14년 전국 항만물동량 14억1천만 톤 처리, 전년 대비 3.9% 증가	MOF	2014 Cargo Movement Volume at Korean Ports Nationwide Reaches 1.41 Billion Tons
1.28	평택항 국내 3대 항만으로 도약시킬 것	GPPC	GPPC President: "Will Make Pyeongtaek Take Off ward Korea's 3rd Largest Port"
1.26	해외항만진출 확대를 위한 소통의 장 마련	MOF	Korea Prepares Venue of Communications for Expanded Advance Into Overseas Ports
1.12	인천항만공사 2015년 주요 사업계획 확정	IPA	IPA Confirms '2015 Major Business Plans'
1.11	세계최대 컨테이너선 부산항에 입항	BPA	The World's Largest Container Vessel MSC OSCAR(19,224TEU) Entered Busan Port
1.11	BPA, 창립 11주년 행사	BPA	BPA to Carry Out the Beautiful Store Auction Event Commemorating the 11th Anniversary of BPA Founding
1.6	제3차 해운항만 물류전문인력 양성사업 기관 공모	MOF	Public Solicitation of Organizations to Cultivate Maritime, Port & Logistics-Specialized Manpower
1.2	평택항, 3년 연속 물동량 처리실적 1억 돌파	GPPC	Pyeongtaek Port's Cargo Volume Tops 100 Mil. TEU for 3rd Straight Year
1.2	북항재개발사업 온천개발계획 수립용역	BPA	Tender Notice for Busan North Port's Hot Spring Development Plan Establishment Service
12.31	인천항만공사 2015년 예산 2,920억원 확정	IPA	IPA Sets 2015 Budget at ₩292 Billion
12.31	2015년 인천항만공사 유창근 사장 신년사	IPA	IPA President's New Year Message Stresses Improvement of Logistics Service
12.31	임기택 BPA 사장 2014 송년회 인사	BPA	BPA President Lim Ki-tack Holds "2014 End of Year Ceremony"
12.3	CSR 넘어 CSV로 진화	GPPC	GPPC Publicity Officer: "CSR Should Evolve Into CSV"
12.3	부산항만공사, 2015년에 8대 중점 추진사업(과제) 성공적 수행으로 국민경제와 지역경제 발전에 최선의 노력을 다할 것	BPA	BPA Resolves to Carry Out 8 Core Promotional Tasks for '15 Successfully
12.29	부산항만공사 BCN 런칭	BPA	BPA Launches BCN
12.23	임기택 BPA 사장 "2014 CEO"상 수상	BPA	"2014 CEO of The Year" Awarded to BPA President Lim Ki-tack
12.22	해양수산부, 마린항만 개발사업 투자유치설명회 개최	MOF	Investment Inducement Explanatory Session on Marina Port Development Project
12.18	임기택 부산항만공사 사장, 『2014 올해의 CEO 大賞』 수상	BPA	BPA President Wins 'CEO of the Year 2014' Award
12.15	2014 한·아세안 특별정상회의 베트남 총리 일행 부산항 신항 방문	BPA	Vietnamese Prime Minister Nguyen Tan Dung Visits Busan New Port
12.14	임기택 BPA 사장 반부패 근절 서약	BPA	BPA President Lim Ki-tack Holds Oath Ceremony for Incorruption
12.14	BPA 사회공헌 프로그램 실천	BPA	BPA Engages in Social Contribution Programs
12.14	부산북항에 세계적 수준의 마린아 건설 계획	BPA	World Class Marina To be Built in Busan North Port
12.8	해양수산부, 알제리와 항만개발을 위한 협력 강화	MOF	Korea Conducts Training for Invited Algeria's Harbor-Related Officials
12.7	선박용품협회 현판식	BPA	BPA President Lim Holds a Signboard Hanging Ceremony for Korea Ship Chandling Industry Association
12.3	부산항의 선용품시장 확대, 새로운 일자리와 부가가치 창출의 산파역, 한국선용품산업협회 출범 현판식 개최	BPA	BPA Holds Signboard Hanging Ceremony for Korea Ship Chandling Industry Association
11.27	IPA, 글로벌 선사 한국대표 대상 인천항 마케팅	IPA	IPA's Incheon Port Marketing Toward 'Ass'n of Foreign Shipowners' Reps. in Korea'
11.27	인천항 벌크 물동량 전년 대비 증가로 반전	IPA	Incheon Port's Bulk Cargo Volume Until Oct. '14 Slightly Increases Year-on-Year
11.27	10월 항만물동량	MOF	Cargo Movement Volume in Oct. '14 at Nationwide Ports Up 4.7% Year-on-Year
11.26	IPA, 연말 상복 터졌네	IPA	IPA Wins Several Awards for Shared Growth, Ethical Management, SNC, etc.



Related Industries

Date	Korean	Source	English
4.20	2015년 해양플랜트 서비스산업 해외시장 정보제공사업	MOF	Bid Notice for '15 Offshore Plant Service Industry's Overseas Market Information Provision Project'
4.16	탄소섬유소재 연구책임자 워크숍 개최	MOTIE	MOTIE Holds Workshop for Carbon Fiber Task Researchers
4.14	해수부, 16일 '어촌관광 활성화 정책발전 워크숍' 개최	MOF	'Policy Development Workshop to Activate Tourism of Fishing Villages'
4.14	한국형 이내비게이션 민관협력 거버넌스 출항하다	MOF	Inauguration Ceremony for 'e-Navigation Forum'
4.9	소재·부품 무역흑자 260억, 1분기 사상 최대 기록	MOTIE	Materials & Parts Trade Surplus Hits Historic Record (US\$26 Billion) in 1st Qtr. '15
4.8	해양플랜트 서비스산업 타당성조사 지원 대상사업 공모	MOF	Solicitation of Offshore Plant Service Industry's Feasibility Study-Support Projects
4.7	2015년 국가어항 정책홍보 기획 및 실행	MOF	Tender for 2015 Policy Publicity Planning & Implementation of Fishing Ports
4.6	한미 에너지산업 협력의 첫걸음을 떼다	MOTIE	Korea-U.S. Energy Cooperation Conference in Washington
4.3	2015년 해운 물류기업 해외시장 타당성조사 지원 대상사업 모집 연장 공고	MOF	Solicitation of '15 Marine Logistics Companies' Projects to Receive Overseas Market Feasibility Study Support
4.1	선박의 육상전원공급설비 구축계획수립 및 자동화부두 조명기준개선 연구	MOF	Tender for Research of Plan for Inland Power Source Supply System for Ships
4.1	세계시장 선점 위해 선박평형수 관리 규정 제정	MOF	Korea to Enact, Implement 'Management Regulations for Ship Ballast Water, etc. "
3.31	크루즈 활성화를 위한 2015 상해 설명회 위탁	MOF	Tender for Entrustment of 2015 Shanghai Explanatory Session for Cruise Activation
3.18	"산업부, 산업·에너지 부문 주요시설 안전대진단 실시"	MOTIE	Korea's Grand Safety Diagnosis of Key Industrial & Energy Facilities
3.18	첨단 철강재가 생활 속으로 성큼...	MOTIE	Revision of KS for High Corrosion Resistant Coated Steel Plate
3.16	'2015년도 소재·부품 기술개발 유공'포상계획 공고	MOTIE	Public Notice of '15 Awards Plan for Contributors to Development of Materials & Parts Techs
3.12	소비자와 산업계, 에너지산업 활성화 기대 커져	MOTIE	Growing Expectations for New Energy Industries in Korea
3.12	해수부, 미국·중국시장에 수산물 수출확대 총력	MOF	Roundtable Meeting on Expanded Exports of Fisheries Products
3.9	해수부, 이내비게이션 등 안전규제의 산업화 국제논의 주도	MOF	Korea Attends IMO Subcommittee on Navigation, Communication and Research & Rescue
3.6	한-UAE, 제3국 원전 공동진출 추진	MOTIE	Korea-UAE MOU for Joint Advance Into Third Countries
2.26	해양레저장비·자전거 산업육성을 위해 '14년 대비 133% 증액된 35억 원 지원	MOTIE	Korea to Nurture Marine Leisure Equipment & Bicycle Industries
2.9	환경관리해역에 '18년까지 총 4조 4,222억 원 투자	MOF	Korea to Invest ₩4.4 Trillion in Environmental Management Sea Areas by '18
2.2	'두뇌역량우주전문기업(K-BrainPower)' 지원사업 본격화	MOTIE	Korea to Support Tech Development of 'K-BrainPower' Firms
2.3	주력산업의 혁신을 이끌 첨단뿌리기술 66개 선정	MOTIE	Korea Selects 66 Root Industry Techs to Drive Mainstay Industries
2.2	1차 산업을 미래 신성장동력으로 육성하기 위한 범정부 합동 연구 추진	MOF	Korea Decides to Grow Primary Industries Into New Future Growth Engines
1.26	전국 바닷가 관광 정보를 책 한권에	MOF	Korea's Marine Leisure Tourism Map to Be Distributed
1.21	시험인증서비스 산업화의 길을 찾는다.	MOTIE	Korea Announces 16 Promising Test & Certification Services for 2015
1.19	첨단 극저온 강재, 국가표준(KS)로 시장 진입 물꼬 튼다	MOTIE	Korean Standard (KS) for High Manganese Steel Established
1.13	전통 해양수산업의 미래산업화	MOF	Korea to Convert Oceans & Fisheries Into Future Industries
1.7	소재·부품 무역흑자 사상 최대 1,079억 불 달성	MOTIE	Korea Achieves Historic High Parts & Materials Trade Surplus (US\$107.9 Bil.) in 2014
1.6	산업부, 13대 산업엔진 프로젝트 본격 추진	MOTIE	Korea to Promote 13 Industrial Projects in 2015 in Full Swing



Related Industries

Date	Korean	Source	English
1.6	2015년 선박장거리위치추적시스템 위탁운영 (입)	MOF	Tender for Entrusted Operation of Korean Long-Range Identification & Tracking Info (LITI) System
1.5	산업경쟁력 강화를 위해 2대 핵심사업에 7,389억원 투자	MOTIE	Korea to Invest 738.9 Bil. Won in Two Core R&D Projects in 2015
12.29	제3차 글로벌 물류기업 육성대상기업 선정 공고 (공)	MOF	3rd Selection Notice of Global Logistics Firms to Receive Support
12.29	해양수산부, 올미년 새해맞이 어촌 명소 10선(選) 추천	MOF	MOF Recommends 10 Popular Fishing Villages to Greet New Year
12.22	해양수산부, 마리나항만 개발사업 투자유치설명회 개최	MOF	Investment Inducement Explanatory Session on Marina Port Development Project
12.17	해양수산부, e-Navigation 항해의 닛을 올리다	MOF	Major Achievements of e-Navigation Project in 2014 & Future Plans
12.8	2015년 선박자동식별시스템(AIS) 유지보수 (공)	MOF	Tender for Maintenance of Automatic Identification System (AIS) of Ships for 2015
12.4	2014 해외자원개발 심포지엄 개최	MOTIE	Korea Holds '14 Overseas Resources Development Symposium'
12.2	제5차 에너지이용합리화 기본계획 확정	MOTIE	Korea Confirms '5th Basic Plan for Rationalization of Energy Use'
12.2	2015년 해양안전종합정보시스템(GICOMS) 유지보수 및 운영 (입)	MOF	Maintenance & Operation of General Information Center on Maritime Safety & Security
11.27	해양 CCS 플랜트분야 산업계 간담회 개최	MOF	Industrial Roundtable Meeting on Maritime Carbon Capture & Storage (CCS) Plants
11.25	입체(3D)프린팅 전략기술 로드맵 공청회 개최	MOTIE	Korea Holds Public Hearing on 3D Printing Strategy Roadmap
11.25	(사)녹색에너지전략연구소 설립허가 공고	MOTIE	Korea OKs 'Establishment of Green Energy Strategy Research Institute'
11.24	전원개발사업 실시계획 승인 (공)	MOTIE	Korea Approves Power Transmission Line Project
11.20	에너지절약을 새로운 에너지 자원으로	MOTIE	Korea's 36th Energy Savings Promotion Convention
11.12	국내 입국하는 크루즈 관광객 100만 명 시대 도래	MOF	Cruise Tourists for Korea Cross 1 Million
11.7	동북아 LNG 허브 구축을 위한 실무협의 그룹 제안	MOTIE	Korea Attends 'LNG Producer-Consumer Conference
10.30	사단법인 아시아풍력협회 설립허가 공고	MOTIE	Korea Approves Set-Up of 'Asia Wind Energy Association'
10.23	에너지산업의 새로운 패러다임을 책임질 「에너지산업과」 신설	MOTIE	MOTIE Installs 'New Energy Industry Division'
10.16	제7회 아시아 솔라 에너지 포럼 개최	MOTIE	Korea Holds 7th Asia Solar Energy Forum in Seoul
10.14	셰일가스 기술 워크숍 개최	MOTIE	Korea-US Shale Gas Technology Workshop in Seoul
10.3	사단법인 아시아풍력협회 설립허가 공고	MOTIE	Korea Approves Set-Up of 'Asia Wind Energy Association'
9.3	해양관광 포털사이트 새단장	MOF	Korea to Open Marine Tourism Portal After Revamp: MOF
9.29	2014 대한민국 국제해양레저워크 개최	MOF	Korea International Marine Leisure Week 2014 Held: MOF
9.22	수산물태펀드 기업설명회	MOF	Korea to Identify Investment Firms in Fisheries Fund of Funds: MOF
9.22	산업부, 아세안(ASEAN)+3 에너지장관회의의 참석	MOTIE	Korea's Participation in ASEAN+3 Energy Ministerial Meeting: MOTIE
9.19	자원개발, 신재생에너지 중장기 기본계획	MOTIE	Korea's Medium & Long-Term Basic Resources & Renewable Energy Development Plan: MOTIE
9.18	동아시아 민물장어 자원보호 및 관리에 적극 동참	MOF	Korea's Active Participation in Protection & Management of River Eels: MOF
9.16	에너지 신사업 민관이 함께 이끌어간다	MOTIE	Korean Gov't & Private Sector to Jointly Drive New Energy Biz: MOTIE
9.15	어항, 지역의 명품브랜드로 재탄생 한다	MOF	Korea's Public Solicitation of Beautiful Fisheries Ports: MOF



Policy & Rule

Date	Korean	Source	English
5.7	해수부, 크루즈 관광 중심 도약을 위해 관계부처와 뜻 모아	MOF	Cruise Tourism Promotion Drive Picks Up Steam
5.7	해수부, 캄보디아 곡물터미널 개발 사업 본격 시동	MOF	Korean Feasibility Study for Grain Terminal Project in Cambodia
5.6	바닷길로 이동하는 위험·유해물질 안전관리 강화된다	MOF	Rigorous Safety Management to Control Harmful Materials in Sea
5.5	수산식품 앵커숍, 유럽 수출시장에 닻 내려	MOF	Korean Fishery Products Anchor Shop Sets Sail in Europe
5.5	한국, 인도양참치위원회(IOTC) 제1부의장직 선임	MOF	Korean Official Selected as VP of Indian Ocean Tuna Commission
4.30	6년 만에 재개된 한·중 해양환경 공동조사 구체적 내용 합의	MOF	Korea, China Resume Joint Survey of Ocean Environment
4.30	해수부, 1일부터 소형선사 안전관리 무료 컨설팅 개시	MOF	Safety Management Consulting Set: Korea's MOF
4.30	해양생물자원 국가 주권을 확보할 전담기관 개관	MOF	Korea Launches National Marine Living Resource Center
4.29	해양안전심판원, 어선사고 예방 위해 선박안전기술공단과 머리 맞대	MOF	Full Alert Against Fishing Ship Accidents
4.29	울진 후포 마리나 '동해안 해양레저 중심'으로	MOF	MOU for Implementation of Hupo Marina Port Development Project in Uljin County
4.28	2015년 1/4분기 전국 항만물동량 총 3억 4,839만 톤 처리	MOF	Korean Port Cargo Handling Volume Reached 348 Million Tons in 1Q
4.27	해사안전법 시행령 일부개정안 입법예고	MOF	Legislation Notice of Maritime Safety Act's Enforcement Decree
4.27	해수부, 메콩강 5개국 내륙수로운송 연구 본격 개시	MOF	Korea to Establish 'Measures to Improve Mekong River's Inland Waterway Port Facilities'
4.23	EU, 우리나라 예비 불법(IUU)어업국 지정 최종 해제	MOF	EU Lifts Designation of Korea as IUU Fishing Country
4.23	해수부, 그린포트(Green Port) 구축의 닻을 올리다	MOF	MOU Inked for Conversion of Yard Tractors' Fuel to LNG
4.21	유럽 여론 주도층, 브뤼셀에서 한국 수산물에 흠뻑 빠져	MOF	MOF Participates in '2015 European Seafood Expo' in Brussels
4.20	이내비게이션 선도, 국제표준에서 해법을 찾다	MOF	International e-Navigation SQA/HCD Guideline Workshop in Busan
4.20	2015년 해양플랜트 서비스산업 해외시장 정보제공사업	MOF	Bid Notice for '15 Offshore Plant Service Industry's Overseas Market Information Provision Project'
4.15	해수부, ADB와 해외항만개발 사업화를 위한 협력 기반 마련	MOF	'2nd MOF-ADB Seminar on Development of Overseas Port Facilities' in Manila
4.15	평택·당진항, 자동차 처리 허브항만으로 우뚝	MOF	Ground Broken to Build Automobile Pier at Pyeongtaek-Dangjin Port
4.14	해수부, 16일 '어촌관광 활성화 정책발전 워크숍' 개최	MOF	'Policy Development Workshop to Activate Tourism of Fishing Villages'
4.14	한국형 이내비게이션 민관협력 거버넌스 출항하다	MOF	Inauguration Ceremony for 'e-Navigation Forum'
4.9	동아시아지역 해양환경 국제기구 한국 여성 사무국장 탄생	MOF	Korean Woman Picked as Secretary General of YSLME Conservation Organization
4.8	해양플랜트 서비스산업 타당성조사 지원 대상사업 공모	MOF	Solicitation of Offshore Plant Service Industry's Feasibility Study-Support Projects
4.8	국립해양조사원, 동아시아에 최신 해양조사기술 전파	MOF	Transfer of Korean Marine Investigation Techs to 16 Officials from East Asian Countries
4.7	2015년 북극정책 시행계획 수립	MOF	MOF Reports '2015 North Pole Policy Implementation Plan'
4.7	콜롬비아 항만개발 기본계획수립	MOF	Tender for Establishment of Basic Ports Development for Colombia
4.7	2015년 국가어항 정책홍보 기획 및 실행	MOF	Tender for 2015 Policy Publicity Planning & Implementation of Fishing Ports
4.3	2015년 해운 물류기업 해외시장 타당성조사 지원 대상사업 모집 연장 공고	MOF	Solicitation of '15 Marine Logistics Companies' Projects to Receive Overseas Market Feasibility Study Support
4.2	제3차 전국(무역항, 연안항) 기본계획 수정계획 전략환경영향평가	MOF	Tender for '3rd Strategic Assessment of Environmental Impacts on Revised Basic Plan for Nationwide Ports



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Date	Korean	Source	English
4.1	선박의 육상전원공급설비 구축계획수립 및 자동화부두 조명기준개선 연구	MOF	Research of Plan for Inland Power Source Supply System for Ships
4.1	세계시장 선점 위해 선박평형수 관리 규정 제정	MOF	Korea to Enact, Implement 'Management Regulations for Ship Ballast Water, etc.'
3.31	크루즈 활성화를 위한 2015 상해 설명회 위탁	MOF	Entrustment of 2015 Shanghai Explanatory Session for Cruise Activation
3.30	2015년 2월 전국 항만물동량, 총 1억 791만 톤 처리	MOF	Korea's Nationwide Cargo Movement Volume in February '15 Reaches 1.079 Million Tons
3.30	해양수산분야 안전혁신 마스터플랜 확정	MOF	Safety Innovation Master Plan for Marine & Fisheries Sector Confirmed
3.30	해수부-국토부 손잡고 화주·물류기업 동반 해외진출 지원	MOF	Korean Government to Support Accompanied Overseas Advance of Cargo-Owners & Logistics Firms
3.30	한국형 이내비게이션 전략이행계획 수립 공청회 개최	MOF	Public Hearings on Korean-Type e-Navigation Strategy Implementation Plan
3.25	우리나라 바다갈라짐 명소 여행가이드 책자 발간	MOF	Publishing Guidebooks on 11 Famous Sea-Divided Spots
3.25	한·뉴질랜드 FTA 서명, 양국 수산협력의 물길 열어	MOF	Korea-New Zealand FTA to Open Bilateral Fisheries Cooperation
3.25	메콩강 내륙수로 운송 연구 및 캄보디아 수리조선소 타당성조사	MOF	Tender Notice of Korea-ASEAN Mekong IWT & Feasibility Study of Cambodia Repair Dockyard
3.23	해수부, 젊은 인재들의 국제무대 진출 발판 마련	MOF	1st Explanatory Session on Recruitment at International Maritime & Fisheries Organizations
3.23	해수부, 부산 동삼동 크루즈 부두 확장에 440억 원 투자	MOF	₩4.4 Billion Investment for Expansion of Busan Dongsam-dong Cruise Terminal
3.19	해수부, '제6차 해운금융 포럼' 개최	MOF	6th Marine Finance Forum Held in Seoul
3.17	2015년 IMO 전략대응 연구	MOF	Tender Notice of '15 IMO-Response Strategies Research Service
3.16	유기준 장관, 48개 해양산업단체장에 경제 활성화 참여 요청	MOF	8th Regular General Assembly Meeting of Federation of Korea Maritime Industries
3.13	2015년도 해양수산과학기술대상 공고문	MOF	Public Notice of '15 Marine & Fisheries Science Awards Plan
3.12	해수부, 미국·중국시장에 수산물 수출확대 총력	MOF	Roundtable Meeting on Expanded Exports of Fisheries Products
3.12	덴마크와 북극항로 활용 등 해운협력 강화	MOF	2nd Korea-Denmark Maritime Cooperation Meeting
3.10	국제항해선박 및 항만시설의 보안에 관한 법률 시행령 개정령(안) 입법예고	MOF	Revision of International Voyaging Ship & Port Facility Security Act
3.9	해수부, 이내비게이션 등 안전규제의 산업화 국제논의 주도	MOF	Korea Attends IMO Subcommittee on Navigation, Communication and Research & Rescue
3.5	2015년 항만 컨테이너 물동량 2,610만TEU 돌파 목표	MOF	Container Movement Volume at Ports in Korea Targeted at 26.1 Million TEU for 2015
2.23	국립수산물품질관리원, 부산 영도 혁신도시로 청사 이전	MOF	Relocation of National Fishery Products Quality Inspection Service to Busan
2.17	2015년 해양수산 ODA 국제컨퍼런스 행사위탁 (입)	MOF	Tender Notice for Entrusted Service for '2015 Maritime & Fisheries ODA International Confab'
2.17	2015년 IMO 전략대응 연구 (입)	MOF	Tender Notice for '2015 IMO Strategies-Response Research Service'
2.16	2015년 북극정책 기본계획 후속조치 연구 (입)	MOF	Tender Notice for Follow-Up Measures for Basic Arctic Policies
2.10	한국, 불법(IUU)어업국에서 책임있는 어업국으로 도약	MOF	U.S. NOAA Lifts Korea's Designation as IUU Nation
2.9	환경관리해역에 '18년까지 총 4조 4,222억 원 투자	MOF	Korea to Invest ₩4.4 Trillion in Environmental Management Sea Areas by '18
2.4	크루즈산업 활성화에 관계기관 힘 모은다	MOF	Related Organizations in Korea to Gather Strength to Activate Cruise Industry
2.2	1차 산업을 미래 신성장동력으로 육성하기 위한 범정부 합동 연구 추진	MOF	Korea Decides to Grow Primary Industries Into New Future Growth Engines
1.30	영문 명칭 표기 오류 수정 안내	MOF	Guide to Correction of Misspelling at Korean MOF homepage (Fisherles ? Fisheries)



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Date	Korean	Source	English
1.29	'14년 전국 항만물동량 14억 1천만 톤 처리, 전년 대비 3.9% 증가	MOF	2014 Cargo Movement Volume at Korean Ports Nationwide Reaches 1.41 Billion Tons
1.29	2015년 달라지는 해양수산 : 해양수산부 업무계획 발표	MOF	Korean MOF's 2015 Oceans & Fisheries Business Plan
1.27	2015년 북극정책 기본계획 후속조치 연구 (입)	MOF	Tender for Research of Follow-Up Measures on Korea's Basic Plan for Arctic Policy
1.27	해외보트쇼 참가 지원사업 모집 공고 (공)	MOF	Solicitation for Korea's Participating Projects in Overseas Boat Roadshows
1.26	해외항만진출 확대를 위한 소통의 장 마련	MOF	Korea Prepares Venue of Communications for Expanded Advance Into Overseas Ports
1.26	전국 바닷가 관광 정보를 책 한권에	MOF	Korea's Marine Leisure Tourism Map to Be Distributed
1.23	해양장비개발 및 인프라 구축사업 신규과제 선정계획 공고 (공)	MOF	Public Notice of Plan to Select New Tasks for Marine Equipment Development & Infrastructure
1.22	지난해 연안여객선 이용객 1,427만 명	MOF	Passengers on Korea's Coastal Passenger Ships Exceed 14.27 Million in '14
1.15	아시아퍼시픽39호선박투자회사 선박투자업 인가 (공)	MOF	Asia Pacific No. 39 Ship Investment Company' Approved
1.15	선박의 안전도에 관한 정보 공고('14년 4분기) (공)	MOF	Public Notice of Information on Ship Safety (4th Qtr. '14)
1.13	지난해 국내 입국한 크루즈 관광객 '105만7천 명'에 달해	MOF	Cruise Tourists to Korea Reach 1.057 Million in 2014
1.13	전통 해양수산업의 미래산업화	MOF	Korea to Convert Oceans & Fisheries Into Future Industries
1.9	2015년 수산발전기금 사업집행지침 (공)	MOF	Guidelines for Implementation of Fishery Development Fund for 2015
1.9	2015년 연안관리정보시스템 운영 및 유지보수 (입)	MOF	Tender for O&M of Korea's Coastal Management Information System (CMIS)
1.6	2015년 선박장거리위치추적시스템 위탁운영 (입)	MOF	Tender for Entrusted Operation of Korean Long-Range Identification & Tracking Info (LIT) System
1.6	제3차 해운항만 물류전문인력 양성사업 기관 공모	MOF	Public Solicitation of Organizations to Cultivate Maritime, Port & Logistics-Specialized Manpower
11.27	해양 CCS 플랜트분야 산업계 간담회 개최	MOF	Roundtable Meeting on the Development of Marine CCS
11.25	북극해 항로의 지속적 활용을 위한 국제협력 방안 모색	MOF	Global Cooperation on the Sustainable Utilization of Arctic Sea Route
11.20	국립해양생물자원관의 설립 및 운영에 관한 법률 시행령 제정안 입법예고	MOF	Legislation Notice on Establishment of National Marine Bio-Resource Pavilion
11.20	핀란드와 북극항로 운항 등 해운분야 협력 강화	MOF	Korea-Finland Cooperation on Shipping Area
11.18	한중일 교통물류 협력방안 연구 (6차)	MOF	Study on Korea-China-Japan Cooperation on Transportation & Logistics
11.13	한·중·일 항만 물류정보 공유서비스 확대	MOF	New Project Plan of Arctic & Ocean Science Research
11.12	국내 입국하는 크루즈 관광객 100만 명 시대 도래	MOF	Cruise Tourists for Korea Cross 1 Million
11.6	마리나항만 및 항만재개발 정책홍보 기획 및 실행	MOF	Tender for Marina Port & Port Redevelopment Policy Publicity
11.4	남인도양수산업협정 가입	MOF	Korea Enters Southern Indian Ocean Fisheries Agreement
11.4	한국-뉴질랜드 남극연구 협력센터개소	MOF	Korea-New Zealand Antarctica Research Center Launched
11.4	해양수산 신산업 창출을 위한 기업투자유치 계획 연구	MOF	Tender for Creation of New Oceans & Fisheries Industries
11.4	항만민간투자사업 재구조화 세부실행방안 연구	MOF	Tender for Restructuring of Private Port Investment Biz
11.3	APEC 개도국 대상 유류오염 대응 교육	MOF	Oil Pollution-Response Education for APEC Developing Nations
10.27	북극항로 개척을 위한 해외시장조사 지원대상사업 모집공고	MOF	Subscribing Support Biz for O'seas Market Investigation to Explore Arctic Route



Tech & Certificates

Date	Korean	Source	English
5.7	현대중, Hi-FIN 프로펠러 부착기 사용시 에너지 절감효과 계량화	HHI	Hyundai Heavy Industries Puts Its Fuel Saving Propeller Attachment, Hi-FIN, into Service
4.23	해수부, 그린포트 (Green Port) 구축의 닛을 올린다	MOF	MOU Inked for Conversion of Yard Tractors' Fuel to LNG
4.22	현대상호, Boxship, "올해의 그린쉽"으로 선정	HSHI	A Boxship Named "Green Ship of the Year"
4.20	이내비게이션 선도, 국제표준에서 해법을 찾다	MOF	International e-Navigation SQA/HCD Guideline Workshop in Busan (Apr. 20~21)
4.16	탄소섬유과제 연구책임자 워크숍 개최	MOTIE	MOTIE Holds Workshop for Carbon Fiber Task Researchers
4.14	한국형 이내비게이션 민관협력 거버넌스 출항하다	MOF	Inauguration Ceremony for 'e-Navigation Forum'
4.13	대우조선해양, 세계 최초 LNG선에 적용될 PRS® 납품시험 성공	DSME	DSME Succeeds in PRS Test Operation
4.6	2015년도 K-BrainPower (두뇌역량우수전문기업) 선정계획 공고	MOTIE	Public Notice of 2015 Plan for Selection of 'K-Brain Power' Target Firms
4.3	대우조선해양, 해양플랜트용 고압 볼밸브 선급 인증 획득	DSME	DSME Wins Certificates for High-Pressured Ball Valve
4.1	선박의 육상전원공급설비 구축계획수립 및 자동화부두 조경기준개선 연구	MOF	Tender for Research of Plan for Inland Power Source Supply System for Ships
4.1	세계시장 선점 위해 선박평형수 관리 규정 제정	MOF	Korea to Enact, Implement 'Management Regulations for Ship Ballast Water, etc.'
3.30	해양수산분야 안전혁신 마스터플랜 확정	MOF	Safety Innovation Master Plan for Marine & Fisheries Sector Confirmed
3.27	산업부, 세계적 기업본부 (헤드쿼터) 및 연구개발 (R&D)센터 최초 인정	MOTIE	'15 1st Foreign Investment Committee Meeting Held
3.27	KR, 아시아 최초 BMW 테스트 수행할 USCG 승인 획득	KR	Korean Register becomes first Asian class society to gain USCG authorization to perform BMW tests as an "Independent Laboratory"
3.27	KR, 캐나다 규정서비스 승인 획득	KR	Korean Register is authorized to deliver statutory services in Canada
3.27	KR, ECA 조건에 맞는 소프트웨어개발	KR	New software from Korean Register assists vessels comply with ECA requirements
3.24	한국선급, 선박평형수 시장을 선도한다	KR	KR Dominance in Dominance in Ballast Water Market
3.23	해수냉난방 시스템으로 연간 2.1억원 예산절감	KRISO	Cost Reduction with Seawater Heating & Cooling System
3.23	심해 3천m 이상 해양 시장을 개척할 세계 최대규모의 「심해해양공학수조」 착공	KRISO	KRISO to Build World's Largest Deepsea Offshore Engineering Basin to Explore Markets of Over 3,000m Under Sea
3.23	민군기술융합으로 해양방위 발전 앞장선다.	KRISO	Convergence of Civilian, Military Technologies for Sea Defense
3.17	한국선급, 태크마린 연구소와 연구개발 업무협약 체결	KR	KR-Marine Technology Institute Tie-Ups for Joint Development
3.19	제조업 혁신 3.0 전략으로 2024년 제조업 4강 도약	MOTIE	Korea to Leap Toward World's 4th in Mfg. Biz with 'Manufacturing Innovation 3.0'
3.13	2015년도 해양수산과학기술대상 공고문	MOF	Public Notice of '15 Marine & Fisheries Science Awards Plan
3.9	해수부, 이내비게이션 등 안전규제의 산업화 국제회의 주도	MOF	Korea Attends IMO Subcommittee on Navigation, Communication and Research & Rescue
2.24	현대중, 고성능 LNG 운반선 개발	HHI	HHI Develops High-Function LNG Carrier
2.17	대우조선해양, '차세대 선박' 핵심기술 특허 무상 제공	DSME	DSME to Provide Next-Gen Shipbuilding Tech to Local Firms Free of Charge
2.16	미래산업선도기술개발사업으로 대형 R&D 과제 선정	MOTIE	Korea Selects Large R&D Tasks as Future Industry-Leading Tech Development Project
2.13	한국조선해양기재연구원, 2015 그린 조선해양플랜트 해외인증 지원	KOMERI	Korea Selects Large R&D Tasks as Future Industry-Leading Tech Development Project
2.11	제조업 혁신 3.0 세부정책 지지부진...골든타임 놓치나(15.2.10, 아주경제)	MOTIE	Promotion of Korea's 'Mfg. Innovation 3.0 Strategy' Sluggish
1.23	대우조선해양, 항조경제와 동반성장 실현 위해 조선업계 최초로 국내 업체에 핵심 특허 기술 이전	DSME	DSME to Transfer LNG Fuel System Patent to Local Firms



Tech & Certificates

Date	Korean	Source	English
1.22	현대중, 해양플랜트 기자재 국산화 본격 추진	HHI	Hyundai Heavy Industries Localizes Offshore Facilities Equipment
1.21	시험인증서비스 산업화의 길을 찾는다.	MOTIE	Korea Announces 16 Promising Test & Certification Services for 2015
1.19	첨단 극저온 강재, 국가표준 (KS)로 시장 진입 물꼬 튼다	MOTIE	Korean Standard (KS) for High Manganese Steel Established
1.7	200kW급 해수-미활용열 고온도차발전 플랜트 완공식	KRISO	KRISO Dedicates 200KW-Class OTEC (Ocean Thermal Energy Conversion) Power Generation Plant
1.7	500RT급 터보 히트펌프를 이용한 냉난방 및 양식수온 조절 시범사업 착공식	KRISO	KRISO Starts Air-Conditioning & Fish Farming Water Adjustment Test-Bed Project Utilizing 500RT-Class Turbo Heat Pump
1.5	조선해양기자재 국제인증 및 벤더등록 지원사업 자원기업 모집공고 (공)	KOMERI	Support for Global Certification & Vendor Registration
12.31	대우조선해양, 인덱스 프로젝트 1,000만 시수 무재해 달성하며 한 해 마무리	DSME	DSME Records 10 Million Accident-Free Hours in INFEX FPSO Project
12.16	대우조선해양, 'KOLAS 국제공인시험기관 인정' 획득	DSME	DSME Acquires Internationally-Recognized Testing Body Accreditation from KOLAS
12.12	산업기술혁신촉진법 시행령	MOTIE	Public Notice of Enforcement Decree of Industrial Technology Innovation Promotion Act
12.8	2015년 선박자동식별시스템 (AIS) 유지보수 (공)	MOF	Tender for Maintenance of Automatic Identification System (AIS) of Ships for 2015
12.8	산업부, 3조 1,329억원 규모의 2015년도 R&D 지원계획 공고 (공)	MOTIE	Notice of 3.13 Trillion Won-Scale Korea's R&D Support Budget for '15
12.8	해양의 가치 창출, 해양과학조사에 답이 있다	MOF	Workshop on Marine Scientific Research Regime and R&D Development
11.28	산업부, 산업융합 선도기업 (30개사)과 산업융합품목 (49개) 선정	MOTIE	Korea Selects Industrial-Convergence Leading Firms & Industrial Convergence Items
11.20	'2014 국가품질경영대회' 개최	MOTIE	Korea's 2014 National Quality Management Convention
11.18	"실내에서 오대양을 항해한다" 대우조선해양, 연구소 내 스마트십 운항 체험시스템 구축	DSME	DSME Establishes Smart Ship Operation Experience System
11.3	KR, APEC지역에서 LNG 연료 충전 운항 추구	KR	Korean Register to drive LNG fuelled shipping in APEC region
11.3	KR, 라비타 규정 서비스 승인 획득	KR	Korean Register authorized to deliver statutory services in Latvia
11.3	KR, 세계최초 그린쉽 기자재 인증 센터 설립	KR	World's first green-ship equipment certification centre built in Korea
11.10	한국조선해양기자재연구원 (KOMERI) 러시아선급 (RS) 지정시험기관 인정 획득	KOMERI	KOMERI Certified as RS-Designated Testing Body
10.21	제5차 선박자동식별시스템(AIS) 고도화 사업 (입)	MOF	Tender for Supervision of 5th Ship AIS Advancement Proj.
10.16	선박안전관리 시스템 선진화 방안 연구 (입)	MOF	Research Tender for Advancement of Ship Safety Management System
10.16	제7회 아시아 솔라 에너지 포럼 개최	MOTIE	Korea Holds 7th Asia Solar Energy Forum in Seoul
10.14	셰일가스 기술 워크숍 개최	MOTIE	Korea-US Shale Gas Technology Workshop in Seoul
10.7	국제항해 선박 및 항만시설의 보안에 관한 법률 시행규칙 일부개정안 입법예고	MOF	Revision of Enforcement Reg. of the Int'l Voyaging Ship & Port Facility Security Act
9.26	대우조선해양 세계 최초 FLNG, 첫 상부 구조물 탑재 성공	DSME	PETRONAS, First Topside Module Loaded
9.23	조선해양기자재 경쟁력 강화를 위한 '제6회 KOMERI기술·정책 세미나' 개최	KOMERI	KOMERI Tech & Policy Seminar to Sharpen Competitiveness of Offshore & Shipbuilding
9.23	삼성중, 국내 기자재업체와 LNG-FSRU 핵심장비 공동개발	SHI	SHI Develops Core Equipments for LNG-FSRU
9.15	한국의 해양생물 다양성 도서 발간 연구 (입)	MOF	Korea's Bid Notice for Publication of Korea Marine Diversity Info Book: MOF
9.3	남극 장보고과학기지 준공 정부포상 후보자 (공)	MOF	Korea Solicits New Arctic Region & Ocean Science Research Tasks: MOF
8.12	독도 바닷속 해양생태지도 완성	MOF	Korea Completes Undersea Ocean Ecomap for Area Around Dokdo Islands: MOF

Finance

Date	Korean	Source	English
4.3	캠코, 1000억 원 투입 선박펀드 재가동	Kookje	KAMCO Adds ₩100 Billion to Re-operate Ship Fund
4.22	부산시, 글로벌 금융중심지로 도약 선언	Kyunghyang	Busan Declared Global Finance Hub
4.17	해양산업 육성 위해 '글로벌 해양펀드' 설립 필요	Yonhap News	Global Marine Fund Vital for Fostering Maritime Industry
4.16	해운·조선·금융 상생발전 위해 뭉친다	Mediapen	Shipping, Marine & Finance Value Chain
4.14	KDB산업은행, 해양수산부와 "해외 항만사업에 관한 공동협력 양해각서" 체결	KDB	KDB eyes overseas port investments
4.8	해외 에너지·인프라 수주 지원 위한 금융 실탄 장전	Eximbank	Financial Support for Overseas Energy & Infrastructure Projects
3.24	세계금융센터지수 (GFC) 발표, 부산 24위로 4계단 상승	Break News	Busan's Global Financial Center Index Rank Improves
3.18	해양금융부, DNB와 Shipping Credit Seminar 개최	K-Sure	K-Sure, DNB Jointly Host Shipping Credit Seminar
3.13	産銀, 「KDB오션밸류업 펀드」 본격 가동	KDB	KDB Operates Ocean Value Fund
3.9	해운업의 구원투수 에코십 펀드, 마운드에 본격 등판	Eximbank	Korea Exim Bank Supporting Eco-Ship Fund
3.5	우리 공사, 올해의 거래 (Deal of the Year 2014) 수상	K-Sure	K-Sure Nominated for 2014 Dealer of the Year
2.26	부산銀, 1000억 규모 선박금융 확대	g-ews	Busan Bank Expands Ship Financing Scale to ₩100 Billion
2.11	서병수 시장 "부산, 종합 해양거점도시 만들겠다"	Fnews	Busan Mayor Vows to Develop Comprehensive Sea-Based City
2.2	産銀, '기업재무안전PEF'를 활용하여 동부특수강 매각 완료	KDB	KDB Completes ale of Dongbu Specialty Steel Via PEF
1.14	해양금융종합센터, 한진중공업 선박 수출거래 2890만불 첫 금융지원	Kookje	Marine Finance Center Supports Hanjin Ship Deals
1.13	수출입銀, 사상 최대 규모 글로벌본드 발행 성공	Eximbank	Korea Exim Bank Floats Largest-Ever Global Bond
12.1	부산대-해양금융종합센터, 산학협력 협약 체결	Busan.com	Marine Finance Center, Busan University Tie-Up
12.8	부산의 글로벌해운 허브 가능성 매우 높아	Busan.com	'Busan's Potential as Global Maritime Financial Hub: Sufficient'
11.3	産銀, 「Asia Risk」誌 최우수 파생상품 취급기관	KDB	KDB Lauded by Asia Risk as Best Derivative Product Dealer
9.3	KDB산업은행, 5.5년 만기 Global Bond US\$7.5억 발행 성공	KDB	KDB Successfully Floats US\$750 Million Global Bond
8.25	하이골드오션11호국제선박투자회사 선박투자업 변경 인가	MOF	Korea Approves Hi Gold Ocean No. 11 Ship Investment Company: MOF
8.18	부산을 신 해양경제 허브로!	FNTIMES.com	Koeximbank's Support to Grow Busan Marine Financial Hub
7.25	한국무역보험공사 해외자원개발펀드 컨설팅 용역계약 입찰공고	K-SURE	K-Sure's Bid for Overseas Resources Development Fund Consulting Service Contract
7.4	수출입銀, 중국 수은과 협조유자로 선박수출 성사	Mediapen.com	Koeximbank-Chinese Eximbank Cooperation for Ship Finance
6.9	무역보험공사, 그리스 글로벌 해양플랜트기업과 우리기업의 수주 확대를 위한 MOU체결	K-SURE	K-Sure Inks MOU with Greek Global Offshore Firm 'Ocean Rig'
6.2	수출입銀, 해운산업 지원 본격화... 부산서 간담회 개최	Asia Economic Daily	Koeximbank Holds Symposium on Development of BIFC
5.30	수출입銀, 우량 중견해운사 금융지원	Consumer Times	Financial Support for Excellent Medium-Sized Shipping Firms
5.30	"해양금융종합센터 항만물류 인프라도 지원"	Busan.com	Marine Finance Center to Support Port & Logistics Field
2.28	"선박투자회사에 과감한 조세혜택을..."	BOK Busan Hqs.	'Provide Bold Taxational Support for Ship Investment Firms'
2.21	무역보험공사, 2014년 플랜트·선박 수출 및 해외투자 부문에 무역보험 20조원 지원	K-SURE	K-Sure to Support ₩20 Tril. Trade Insurance for 2014 Plant & Ship Exports and Overseas Investment



Region & Cluster

Date	Korean	Source	English
4.3	현대중-울산 해양플랜트 중소기업 손잡고 국산화 추진	MK News	HHI-Ulsan Offshore Plant SME Tie-Ups
4.29	"울산 조선해양산업 재도약을 위한 소통의 장 마련"	Ulsan City	Policy Forum to Combat Shipbuilding Industry Crisis
4.26	박홍률 시장 "목포시에 대규모로 투자시 파격적인 인센티브 제공하겠다"	Newsmaker	Mokpo Mayor Vows Full Incentives for Investors
4.22	부산시, 글로벌 금융중심지로 도약 선언	Kyunghyang	Busan Declared Global Finance Hub
4.15	부산시, 플랜트 배관자재 수출상담회·기술 컨퍼런스	NEWSIS	Busan City Hosts Marine Equipment Business Talks
4.13	부산시, 영국 조선·해양플랜트 기업 초청 투자설명회	Break News	Busan City Woos UK Offshore Investors
4.3	부경대 해양플랜트 엔지니어링 클러스터 개소	Busan.com	Bukyung University Opens Plant Engineering Cluster
3.24	세계금융센터지수(GFCI) 발표, 부산 24위로 4계단 상승	Break News	Busan's Global Financial Center Index Ranks Improve
2.25	부산시, 4.64㎢규모 조선해양플랜트 전용단지 만든다	NEWSIS	Busan Develops Offshore Plant Complex
2.11	서병수 시장 "부산, 종합 해양거점도시 만들겠다"	Fnnnews	Busan Mayor Vows to Develop Comprehensive Sea-Based City
12.17	거제, 해양플랜트 클러스터를 국가산단공으로	CNB News	Developing Geje Offshore Plant Cluster Into Nat'l Ind. Complex
12.1	부산대-해양금융종합센터, 산학협력 협약 체결	Busan.com	Marine Finance Center, Busan University Tie-up
12.1	거제 해양플랜트산단 경제성 높다...산업연구원 연구용역 결과	NEWSIS	Kojae's Offshore Plant Complex Envisions Bright Future
12.4	고성조선해양산업특구, "해양플랜트에 초점"	Steel & Metal News	Goseung Industrial Complex Focuses on Offshore Plants
12.4	울산, 조선해양 ICT융합 기지 만든다	Segye.com	Ulsan Pursues ICT-Shipbuilding Convergence
12.3	세계적 수준의 마리나 부산에 건설키로	The Korea Bizwire	World Class Marina to Open in Busan
12.2	제5차 핵심기술개발사업(조선분야)에 목포대 컨소시엄 선정	Maeil Ilbo	Mokpo Univ. Picked for Shipbuilding Tech Development Proj.
12.1	울산광역시, '동북아 오일허브 산업정책 포럼' 개최	Ulsan City	Ulsan to Hold 'Northeast Asia Oil Hub Ind. Policy Forum'
11.28	한국해양대-한국해양산업협회, 부산해양산업 육성방안 세미나 개최	news1	Seminar on Cultivation of Busan's Maritime Industry
11.28	부산시, 中 선박부품 기업 유치	Daily Shipbuilding	Busan's Inducement of Chinese Ship Components Firm
11.28	자갈치를 명소로 산·학·관 머리 맞댄다	Busan.com	Busan to Convert Jagalchi Into Famous Tourist Attraction
11.26	목포항 물동량 최고치...전년대비 8.3% 늘어	Asia Economy	Mopo Port's Cargo Throughput Hits Record High
11.25	산단공 클러스터사업, 중소기업 혁신·성장 이끈다	Kukje Shinmun	Cluster Project of KICOX Driving SME Innovation & Growth
11.24	울산시, 엔지니어링 회사 설립	KOMEC	Ulsan to Set up Engineering Firm
11.18	윤상기 하동군수, 동남아 대상 투자유치 나서	Newsday	Hadong County's Investment Inducement Mission to S.E. Asia
11.17	부산시, '해양 융복합소재 산업화 사업' 추진	CNB	Busan's 'Industrialization of Marine Conversion Materials'
10.22	(주)파나시아, 부산특구 제2호 첨단기술기업으로 지정	Kukje Shinmun	PANASIA Designated as No. 2 High-Tech Enterprise
10.12	한국해양대 거제캠퍼스 설립 향한 첫발 내디뎠다	Kukje Shinmun	'Shipbuilding & Offshore Plant Academy' Launched on Geje
10.6	영국 애버딘대 캠퍼스 하동 유치 본격 시동	Yonhap News	Hadong County to Induce Univ. of Aberdeen Campus
9.28	고성조선해양산업 본격 추진	Gyeongnam Maeil	Goseong County Promotes Shipbuilding & Offshore Industry

Global

Date	Korean	Source	English
11.24	제2위 원유 도입국 쿠웨이트와 에너지협력위원회 개최	MOTIE	3rd Korea-Kuwait Energy Cooperation Committee Meeting
11.24	한국-프랑스 신산업 육성을 위한 기술협력 손 맞잡아	MOTIE	Korea-France New Industrial Tech Cooperation Forum
11.24	한·미 자유무역협정(FTA) 산하 이행기구 회의 개최	MOTIE	Korea-US FTA's Implementation Orgs. Meetings
11.24	한국-베트남 자유무역협정(FTA) 제8차 협상 결과	MOTIE	8th Korea-Vietnam FTA Negotiation Results
11.24	더욱 긴밀해지는 한국과 프랑스의 경제관계	MOTIE	Korea-France Economic Ministerial Meeting
11.20	핀란드와 북극항로 운항 등 해운분야 협력 강화	MOF	Korea-Finland Maritime Cooperation
11.18	한·중·일 교통물류 협력방안 연구 (6차)	MOF	Korea-China-Japan Transportation Logistics Research
11.16	한·뉴질랜드 FTA 타결선언	MOTIE	Resolution of Korea-New Zealand Declared
11.13	한·중·일 항만 물류정보 공유서비스 확대	MOF	Sharing Logistics Information Among Korea, China, Japan
11.7	동북아 LNG 허브 구축을 위한 실무협의 그룹 제안	MOTIE	Korea Attends 'LNG Producer-Consumer Conference
11.5	중동의 자원부국 카타르와 전략적 산업기술협력 추진	MOTIE	Korea-Qatar MOU for Industrial Tech Cooperation
11.4	남인도양수산협정 가입	MOF	Korea Enters Southern Indian Ocean Fisheries Agreement
11.4	한국-뉴질랜드 남극연구 협력센터개소	MOF	Korea-New Zealand Antarctica Research Center Launched
11.3	APEC 개도국 대상 유류오염 대응 교육	MOF	Oil Pollution-Response Education for APEC Developing Nations
10.30	사단법인 아시아풍력협회 설립허가 공고	MOTIE	Korea Approves Set-Up of 'Asia Wind Energy Association'
10.26	한러 물류협력 비즈니스 포럼	MOF	1st Korea-Russia Logistics Cooperation Forum in Seoul
10.21	제3회 해양사고 조사 국제 컨퍼런스 개최	MOF	3rd Marine Accident Investigators' Int'l Confab in Korea
10.20	개도국 해양교육 원조를 통해 국제협력 강화	MOF	2014 Yeosu Academy' for Training of Developing Nations
10.15	여수에서 북태평양해양과학기구(PICES) 제23차 총회 개최	MOF	23rd General Assembly Meeting of PICES in Yeosu
10.15	전 세계 고위급 대표들 모여 해양생물다양성 보전 방안 논의	MOF	Sustainable Ocean Initiative High-Level Meeting in Korea
10.10	루마니아 콘스탄자항만 기본계획 수립	MOF	Tender for Establishment of Basic Plan for Constanza Port, Romania
10.7	국제항해 선박 및 항만시설의 보안에 관한 법률 시행규칙 일부개정안 입법예고	MOF	Revision of Enforcement Reg. of the Int'l Voyaging Ship & Port Facility Security Act
9.15	수산물 수출 위해 러시아·미국 등 현지 판촉활동 강화	MOF	Korea's Sales Promotion Activities for Fisheries Products in Russia, USA: MOF
9.5	WTO 환경상품협정 복수국간 협상에 참여 결정	MOTIE	Korea Decides to Join WTO's EGA (Environmental Agreement) Negotiation: MOTIE
9.5	무역위원회, 일본산 두꺼운 PET필름에 대해 덤핑방지관세를 5년간 부과하기로 최종 판정 내려	MOTIE	KTC's Ruling to Impose Anti-dumping Duties on Japanese Thick PET Films for 5 Yrs.: MOTIE
9.4	중서부태평양수산위원회(WCPFC) 북방위원회 회의	MOF	Korea Participates in North Committee of WCPFC in Japan: MOF
9.4	제22차 한·중해운회담결과	MOF	Result of Korea-China Maritime Talks
9.2	대외무역관리규정 일부개정고시 (법)	MOTIE	Notice of Partially Revised Foreign Trade Management Regulations
9.2	2014 아시아태평양경제협력체(APEC) 에너지장관회의 참석	MOTIE	Vice Minister Participates in 2014 APEC Energy Ministerial Meeting in Beijing
9.1	인천경제자유구역에 벨기에 겐트대와 미국 유타대 송도캠퍼스 개교	MOTIE	Ghent Univ. of Belgium and U.S. Univ. of Utah Open in Songdo Campus, Incheon City

KOMEA Member Companies

Name	Main Products	Website	Location / Tel.
AMS CO., LTD.	Unit Toilet/Wall & Ceiling Panel, Heat Exchangers (Plate Shell & Tube), etc.	www.albatros.co.kr	HAEUNDAE-GU, BUSAN / +82 51 293 1035
A-TECH	Small davit, Air motor, Air winch	www.atech2004.co.kr	GANGSEO-GU, BUSAN / +82 51 832 0723
BC TAECHANG IND. CORP.	Ultimate solution for onboard crew maintenance, Deck scaling machine	www.bcinternational.co.kr	JUNG-GU, BUSAN / +82 51 442 6191
Bethel Engineering Co., Ltd.	Magic Grating (Steel grating)	www.magicgrating.com	NAMYANGJU-SI, GYEONGGI / +82 31 593 2712
B-I INDUSTRIAL CO., LTD.	Fire Detection System, Gas Detection System, Navigation Watch Alarm System, Moisture Detection System	www.b-i.co.kr	GANGSEO-GU, BUSAN / +82 51 441 5670
BIP INDUSTRIES CO., LTD.	Wall panel, Ceiling panel, Bathroom unit, Cabin unit, Floating floor, TLQ, Marine furniture, Marine door, etc.	www.bn-bip.com	GEUNJEONG-GU, BUSAN / +82 51 519 2000
BOGO Co., Ltd.	Telephone system, Lighting fixture	www.bogoco.co.kr	SAHA-GU, BUSAN / +82 51 294 7771
Bumhan Industries Co., Ltd.	Air compressor, N2 generator, High pressure control valve	www.bumhan.com	CHANGWON, GYUNGNAM / +82 55 251 6070
BY CONTROLS, INC.	Watertight door, Pilot door, Hydraulic hatch, etc.	www.bycontrols.com	GIMHAE-SI, GYUNGNAM / +82 55 345 6110
BYT CO., LTD.	HARDWARE, OUTFITTING, MARINE OUTFITTING, NEW PRODUCTS	www.byhd.co.kr	JINRAE-MYUN, GIMHAE / +82 55 345 1951
CENTURY CORPORATION	Cylinder liner, Man B&W Sulzer (Wartsila) Type	www.capeind.com	YANGSAN-SI, GYUNGNAM / +82 55 370 1234
CHK CO., LTD.	Ref. container socket, Junction box	www.chkj.co.kr	GANGSEO-GU, BUSAN / +82 51 831 9500
ChungSol Marine Co., Ltd.	Window wiper, Straight line type, Clear view screen, Window, Door, Hatch	www.chungsolmarine.co.kr	GANGSEO-GU, BUSAN / +82 51 832 2226
ChungSong Industry Co., Ltd.	Welding auto carriage, LWS, etc.	www.koweld.co.kr	GIMHAE-SI, GYUNGNAM / +82 55 329 9500
CMR KOREA Co., Ltd.	Marine telephone system, Public address system, Communal aerial system, Marine CCTV system, Marine clock system, Anemometer system, Rudder angle indicator system, Temperature sensor, Pressure sensor	www.cmrkorea.com	KUMJUNG-GU, BUSAN / +82 51 521 2883
Dae Chang Metal Co., Ltd.	Propeller boss, Chain wheel cam, Dummy ring, Valve body, etc.	www.dcm.co.kr	SAHA-GU, BUSAN / +82 51 264 0831
Dae Heung Cooler Co., Ltd.	Heat exchanger	www.cooler.co.kr	POCHEON-SI, GYEONGGI / +82 31 532 9667
DAE KWANG IND CO., LTD.	SUS PIPE FITTING FLANGE	-	GANGSEO-GU, BUSAN / +82-51-831-5886
Daechun Industrial Co., Ltd.	Multi-core tube, Stainless steel tube	www.daechun.co.kr	GIMHAE-SI, GYUNGNAM / +82 55 345 2288
Daejin Dampha Co., Ltd.	Ceiling panel	www.dampha.co.kr	ULJU-GUN, ULSAN / +82 52 225 2361
DAEJUNG VALVE CO., LTD.	Butterfly Valves, Oil Field flow-line components, Control Valves, Actuators, Special Valves	www.djvalves.com	DALSEO-GU, DAEGU / +82 53 584 2276
Daemmstoff Industrie Korea Ltd.	KVM SEALING COMPOUND, MANGANA TETAINING COMPOUND (PUTTY, FIRE STOP, PANDA-90, etc.)	www.daemmstoff.com	SAHA-GU, BUSAN / +82 51 261 7073
Daeyang Electric Co., Ltd.	Lighting fixtures, Instruments, SAUV, UUV	www.daeyang.co.kr	SAHA-GU, BUSAN / +82 51 200 5221
DAEYANG INSTRUMENT Co., Ltd.	Precision instruments - Anemometer, Rudder angle indicator, etc.	http://dic.daeyang.co.kr/08_affiliate/affiliate_01.php	SAHA-GU, BUSAN / +82 51 200 5212
DaiHan Anchor Chain MFG. Co., Ltd.	Anchor chain, Offshore mooring stud, etc.	www.dhac.co.kr	NAM-GU, INCHEON / +82 32 862 0091
DHMC Co., Ltd.	Rudder, Block, etc.	www.dhmc-rudder.com	GIMHAE-SI, GYUNGNAM / +82 55 346 3663
DINGJIN MPTECH	Part for Marine Engine, Shaft System		GIMHAE-SI, GYUNGNAM / +82 55 720 7000
DK Tech Corporation	Instrumentation fitting & valve	www.dklok.com	GIMHAE-SI, GYUNGNAM / +82 55 338 0114

Directory

Name	Main Products	Website	Location / Tel.
DMC Co., Ltd.	Offshore crane, Deck cranes, Floating cranes	www.dongnam-crane.co.kr	GIMHAE-SI, GYUNGNAM / +82 55 720 3000
DNP Co., Ltd.	Accommodation system	www.dnpco.kr	GANGSEO-GU, BUSAN / +82 51 831 4551
Dong Hae M-Tech Co., Ltd.	Grab bucket, Orange grab, Motor grab, Wood grab, etc.	www.east-sea.co.kr	SEO-GU, INCHEON / +82 32 583 8061
Dong Kang M-Tech Co., Ltd.	Water jet, Night navigator	www.dkmtech.com	GANGNAM-GU, SEOUL / +82 2 553 0181
Dong Woo Machinery & Engineering Co., Ltd.	Engine room overhead crane, F.O hose handling davit, etc.		CHANGWON, GYUNGNAM / +82 55 295 3261
Dong-A Valve Ind. Co.	Manufactured low & high pressure valves, Flap check (duo-check) valve, etc.	www.donga-valve.com	GANGSEO-GU, BUSAN / +82 51 831 1500
Dongbang Marine Co., Ltd.	MARINE FIRE DETECTION & ALARM SYSTEM, MARINE FIRE EXTINGUISHING SYSTEM	www.dbmarine.co.kr	GANGSEO-GU, BUSAN / +82 51 205 1585
DONGHWA ENTEC	Heat exchanger, Plate cooler, etc.	www.dh.co.kr	GANGSEO-GU, BUSAN / +82 51 970 1000
DongHwa Pneutec Co., Ltd.	Air/gas compressor	www.dhkomp.co.kr	GANGSEO-GU, BUSAN / +82 51 974 4800
Dong-I Industrial Co., Ltd.	Marine transmission, Steering system, P.T.O.	www.dongico.co.kr	JINJU-SI, GYEONGNAM / +82 55 755 9928
Doosan Corporation Motrol	Marine Equipments	www.doosanmotrol.com	GANGSEO-GU, BUSAN
DooSan Engine Co., Ltd.	Marine diesel engine, Diesel engines for power generation	www.doosanengine.com	CHANGWON, GYUNGNAM / +82 55 260 6000
DRB Holding Co., Ltd.	Marine rubber fender, Industrial rubber sealing & gasket, Industrial rubber track, Rubber damper	www.drbworld.com	YEUNGDEUNGPO-GU, SEOUL / +82 2 2168 9133
Duksung ENG	Marine Equipments		GANGSEO-GU, BUSAN
ELSCOM Inc.	Explosion-Proof Products, Distribution Board Components, Solar Cable/PV JB	www.elscom.co.kr	SASANG-GU, BUSAN / +82 51 329 8990
Emerson Process Management Korea Ltd.	Pressure, Temperature, Level, Analytical & Flow Measurenet, Valves, Tank radar level guaging, etc.	www.emersonprocess.co.kr	SEONGNAM-SI, GYEONGGI / +82 2 3438 4600
ENTECH (Engineering & Technology CO.,LTD.)	Engine Bed/Frame box, Crane Pedestal, Tubular(SAW Pipe), Air Reservoir, Jacket, Pile, Wind Tower	www.tkhic.com	CHANGWON-SI, GYEONGNAM / +82 70 4628 8844
ESAB SeAH Corp.	Flux cored wire	www.esab.co.kr	CHANGWON, GYUNGNAM / +82 55 289 8111
Flutek, Ltd.	Axial piston pumps, Axial piston motors & reduction gear, Electro-hydraulic steering gear, Deck machinery, Staffa motor, ECO servo	www.flutek.co.kr	SEONGSAN-GU, GYEONGNAM / +82 55 570 5800
FRIEND CO., LTD.	Engine valve spindle, Cable tray	www.thefriend.co.kr	GANGSEO-GU, BUSAN / +82 51 974 7911
G.S HIGH-TECHER CO., LTD.	Air vent head, Convex coupling	http://gshightecher.koreasme.com	GANGSEO-GU, BUSAN / +82 51 832 0456
GENERAL MARINE BUSINESS INC.	Marine system (ship shore comm. system, emergency shutdown system, etc.), Defense Eng. (Control & monitoring system integration, etc.), Manufacturing & services (new shipbuilding, module production)	www.gmbmarine.com	NAM-GU, INCHEON / +82 52 270 3500
GESKO Co., Ltd.	CNG Transportation&Refilling, Fire Fighting system, Engineering for Fire fighting system & Ballast treatment system, Annual inspection		GANGSEO-GU, BUSAN / +82 51 973 9913
GS-Hydro Korea Ltd.	Flare flange system, Retaining ring system	www.gshydro.com	GANGSEO-GU, BUSAN / +82 51 266 8221
Haeon Machinery Ind. Co., Ltd.	Marine crane, Deck machinery	www.haeon21.com	GIMHAE-SI, GYUNGNAM / +82 55 345 2024
Haewon Ind. Co., Ltd.	Water seal, Inflatable/mating ring	www.haewon.net	GANGSEO-GU, BUSAN / +82 51 831 4600
Hal La Industrial Co., Ltd.	Non seal canned motor pump, Gear pump	www.hallaiq.co.kr	SAHA-GU, BUSAN / +82 51 264 2201
Han Jo Co., Ltd.	Lubication oil filter, Fuel oil filter, Filter elements	www.hanjoms.co.kr	YOUNGDO-GU, BUSAN / +82 51 414 7201
Hankook Flexible Co.	Metalic flexible hose, Metallic expansion joint, Manufacturing of Metallic flexible hose assemblies	www.hkflex.com	KUMJUNG-GU, BUSAN / +82 51 508 6291
HanKuk Miboo Co., Ltd.	Spiral duct, Cold chamber, Deck covering, Level	www.hankukmiboo.co.kr	SAHA-GU, BUSAN / +82 51 263 3621

Directory

Name	Main Products	Website	Location / Tel.
HANLAIMS CO., LTD.	Instruments (Level gauge/Level switch) Tank remote sounding system/ Cargo monitoring system, valve	www.hanlaims.com	GANGSEO-GU, BUSAN / +82 51 601 7016
HANSHIN ELECTRONICS CO., LTD.	Public address sys., Telephone sys.	www.ehanshin.com	YOUNGDO-GU, BUSAN / +82 51 412 5551
HEARTMAN CO., LTD.	Fuel injection nozzle for marine diesel engine, Fuel injection plunger ass'y for marine diesel engine	www.heartman.co.kr	GANGSEO-GU, BUSAN / +82 51 264 8826
HI AIR KOREA Co., Ltd.	Air handling unit, Spot cooler, Refrigeration condensing unit, Fire damper, Provision refrigeration plant, MGO cooling system, Packaged air conditioner, Ventilation fan, Spiral duct	www.hiairkorea.co.kr	GIMHAE-SI, GYUNGNAM / +82 55 340 5000
Hi Tech Co., LTD.	T-Bar, Gas Protect Plate		GYUNGU-SI, GYUNGBUK / +82 54 776 5310
Ho Seung Enterprise Co., Ltd.	Package unit for engine room	www.hosent.co.kr	GANGSEO-GU, BUSAN / +82 51 831 2233
HODU INDUSTRIAL CO.	Catering furniture, Galley hood W/fire fighting, Galley E/Q (Deep fat fryer/Cooking range, etc.)	www.hoducompany.com	GANGSEO-GU, BUSAN / +82 51 271 3342
HWASEUNG R&A	Stern tube seal, Hatch cover seal, GRE pipe, Cathodic protection equipment (I.C.C.P/M.G.P.S)	www.hsrna.com	YANGSAN-SI, GYUNGNAM / +82 55 370 3331
Hy-Lok Corporation	Tube fitting & valve, Double lock & bleed valve, Cryogenic valve	www.hy-lok.com	GANGSEO-GU, BUSAN / +82 51 970 0800
HYUNDAI HEAVY INDUSTRIES CO., LTD.	Marine diesel engine & machinery	www.hhi.co.kr	DONG-GU, ULSAN / +82 52 202 7291
Hyundai Elevator Co., Ltd.	Lifts (elevator, escalator, moving walk), Logistics automation system, Parking system (automobiles, bicycles), SOC infrastructure systems (platform screen door, automatic folding canopy, gap zero, etc.)	www.hyundaielevator.co.kr	INCHEON-SI, GYEONGGI / +82 31 644 5114
Hyundai Fitting Co., Ltd.	Flange	www.hdfco.co.kr	GANGSEO-GU, BUSAN / +82 51 831 0891
HYUNDAI LIFEBOATS CO., LTD.	Lifeboat, GRP rigid-type rescue boat	www.hdboat.com	ULJU-GUN, ULSAN / +82 52 240 3500
Hyundai Marine Machinery Co., Ltd.	W.O. incinerator, Aux/blower, F.D fan	www.hmmco.co.kr	INCHEON-SI, GYEONGGI / +82 32 583 0671
HYUNDAI WELDING CO., LTD.	Covered electrode arc welding consumables, Sub-merged arc welding flux & wire, Solid wire arc welding consumables, Flux cored wire, MIG TIG arc welding consumables, Welding machines	www.hyundaiwelding.com	GANGNAM-GU, SEOUL / +82 2 6230 6883
I.M.E. CORPORATION	Engine valve spindle & seat	www.promarine21.com	GIMHAE-SI, GYUNGNAM / +82 55 346 1127
ILJIN AND CO., LTD.	Fire detection system, Gas detection system, Emission monitoring system, Water spray & cargo spray system, etc.	www.iljinamst.co.kr	GIJANG-GUN, BUSAN / +82 51 755 6191
ILSHIN ENGINEERING CO., LTD.	Chemical equipment and Tanks	www.ilshineng.com	SIHEONG-SI, DYEONGGI / +82 31 499 4502
ILSUEUNG CO., LTD.	Sewage Treatment plant, Fresh water generator, Oil purifier	www.ilseung.co.kr	GANGSEO-GU, BUSAN / +82 51 831 4110
IL-SUNG IND. CO.	Hot water calorifier, Silencer (For M/E, G/E, fan), Mist eliminator, Washable air filter, Pneu. fire damper (For funnel, em' cy G/E room)	www.ilsunghs.co.kr	SASANG-GU, BUSAN / +82 51 312 4056
International Machine Tool Co.	Vertical clamp, Horizontal clamp, etc.	www.clampimt.com	SASANG-GU, BUSAN / +82 51 314 2038
INTRA PRECISION MANUFACTURE CO., LTD.	PISTON CROWN, CYLINDER LINER, CYLINDER COVER, PISTON SKIRT, WATER JACKET	www.intraspere.co.kr	DONG-GU, BUSAN / +82 51 466 4635
JHK INC.	Container fittings, Lashing fittings	www.jonghap.biz	YANGSAN-SI, GYUNGNAM / +82 55 370 2600
JINSEONG LINER & PISTON	Cylinder liner, Piston	www.jinseong.com	DAEDEOK-GU, DAEJEON / +82 42 931 8558
JONGHAP MACHINERY CO., LTD	Sewage treatment plant, T-bar auto welding machine	http://jonghap.biz	YANGSAN-SI, GYUNGNAM / +82 55 370 2600
JUNG GONG IND. CO., LTD.	Marine window, Fire-resistant window, Marine wiper, Clear view screen, Anti-glare sunscreen	www.jung-gong.com	SAHA-GU, BUSAN / +82 51 261 2911
JUNG-A MARINE	Accommodation ladder, Pilot slant ladder, Wiper, CVS, Sunscreen davit, Capstan, Al structure, Hatch, Helideck, Special product	www.jung-a.co.kr	GANGSEO-GU, BUSAN / +82 51 970 6420
JUNGSAN ENTERPRISE CO., LTD.	Marine engine parts	www.jungsan.com	ULJU-GUN, ULSAN / +82 52 254 3290
Ju-sung Ind Co., Ltd.	Marine Equipments		GANGSEO-GU, BUSAN

Directory

Name	Main Products	Website	Location / Tel.
K.C. LTD.	Impressed current cathodic protection (I.C.C.P) system, Anti-fouling system (M.G.P.S), Shaft earthing device	www.iccp-mgps.com	GANGSEO-GU, BUSAN / +82 51 831 7720
Kangrim Heavy Industries Co., Ltd.	Marine boiler, Plant, LTG tank	www.kangrim.com	CHANGWON, GYUNGNAM / +82 55 269 7700
Kangrim Insulation Co., Ltd.	Tank, Pipe insulation, Cold provision store	www.kangrim.com	SAHA-GU, BUSAN / +82 51 200 6000
Keonchang Industry Co., Ltd.	TOP CHARGING EQUIPMENT, HOPPER & CONVEYER, SIDE GUIDE ASS'Y	www.keonchang.co.kr	SAHA-GU, BUSAN / +82 51 203 0161
Keum Yong Machinery Co., Ltd.	Exh. valve complete with spindle	www.beumyong.com	BUK-GU, DAEGU / +82 53 382 9044
Key Sung Metal Co., Ltd.	Marine valve	www.deysungmetal.com	GANGSEO-GU, BUSAN / +82 51 831 3391
Keystone Valve (Korea)	All kinds of valves for offshore and shipbuilding	www.keystonekorea.com	ANSEONG-SI, GYEONGGI / +82 51 604 4000
KHAN CO., LTD.	Engineering services, Sea-trial & commissioning service, Facility for fabricaton, Modification	www.khan-offshore.com	GEOJE-SI, GYEONGNAM / +82 55 639 7600
Kion Printing & Packaging Inc.	Marine equipment & vacuum system	www.kiwon.com	GIMHAE-SI, GYUNGNAM / +82 55 313 9913
KOC ELECTRIC CO., LTD.	H/V transformer (ATEX, WATER COOLED TYPE), UPS (Uninterruptible Power Supply), Bus way/Bus duct	www.kocelec.com	GANGSEO-GU, BUSAN / +82 51 970 6302
KOCAKO Co., Ltd.	Exhaust Valve Spindle&Bottom Piece Grinding Machine	www.코카코.com	YOUNGDO-GU, BUSAN / +82 51 403 4114
Komeco Co., Ltd.	Tacho sys., Electronic equip.	www.komeco.net	GIJANG-GUN, BUSAN / +82 51 724 5070
Kongsberg Maritime Korea Ltd.	Alarm monitoring system, Cargo monitoring system, Offshore technology	www.km.kongsberg.com	GIJANG-GUN, BUSAN / +82 51 749 8600
KOREA FILTER CO., LTD.	STRAINER, OIL FILTER, AIR FILTER, AUTO STRAINER	www.korea-filter.co.kr	GIJANG-GUN, BUSAN / +82 51 727 8360
KOTO Technical Co.	Maintain & repair items (all hydraulic systems, Adjust alignment, centering)		SAHA-GU, BUSAN / +82 51 417 8501
KORVAL Co., Ltd.	Control Valves, Regulating Valves, Heat Sensor, Shut-Off Valves	www.korval.co.kr	SAHA-GU, BUSAN / +82 51 790 9700
KSP Co., Ltd.	Exhaust valve complete, Exhaust valve spindle	www.kspvalve.com	GANGSEO-GU, BUSAN / +82 51 831 6274
KSV (Korea Special Valve) CO., LTD.	Valve spindle and Valve seat for marine diesel engine	www.ksv-valve.co.kr	YOUNGDO-GU, BUSAN / +82 51 415 4466
KTE CO., LTD.	High voltage swichboard, Side thruster, Low voltage swichboard, Side thruster control system, Group starter panel, Alarm monitoring system, Electric equipment, etc.	www.kte.co.kr	GANGSEO-GU, BUSAN / +82 51 265 0255
Kuk Dong Elecom Co., Ltd.	Lighting fixture	www.kukdongelecom.com	SAHA-GU, BUSAN / +82 51 266 0050
KTMI CO., LTD.	Emergency towing system	www.saejinintech.com	GANGSEO-GU, BUSAN / +82 51 971 9911
KUKDONG ELECTRIC WIRE CO., LTD.	All kinds of cables for offshore and shipbuilding including JIS, BS, IEC, DIN, IEEE, etc.	www.nexans.co.kr	JINCHEON-GUN, CHUNGBUK / +82 2 2140 3064
KUMGOKSTEEL INDUSTRY. CO., LTD.	Steel Gratings, Manhole Covers and Steel Products	www.kgsi.co.kr	SEO-GU, INCHEON / +82 32 564 6759
Kum Kang Precision Co., Ltd.	Marine valve, valve for engine, air reservoir tank	www.kkmarine.co.kr	SAHA-GU, BUSAN / +82 51 262 4894
KUNSUL CHEMICAL IND. CO., LTD.	Shop primer, Anti-corrosive coatings, Anti-fouling coatings, etc.	http://jebi.co.kr/	BUSANJIN-GU, BUSAN / +82 51 892 4221
Kwanglim Marine Tech. Co., Ltd.	Steel Door, Hull Apteher Blank, Radar Mast, Hi-Pressure Water Mist Fire Fighting System	www.klmt.co.kr	GANGSEO-GU, BUSAN / +82 51 313 0055
KWANG SAN CO., LTD.	AIR VENT HEAD, EXP. JOINT, HEATING COIL, PIPE SPOOL, ETC.	www.kwangsan.com	GANGSEO-GU, BUSAN / +82 51 974 6316
Kwang Seong Co., Ltd.	PIPE CABLE HANGER, SPARE PART SEAT, ETC.	www.ikwangsung.com	GIMHAE-SI, GYUNGNAM / +82 55 338 2271
Kyung Eun Ceramics Co., Ltd.	Ceramic packing	www.ke-ceramics.com	GIMHAE-SI, GYUNGNAM / +82 55 345 7761

Directory

Name	Main Products	Website	Location / Tel.
KyungSung Industry Co., Ltd.	LNG carrier sus corner & anchor strips & Pipe clamp, etc.	www.e-clamp.com	GANGSEO-GU, BUSAN / +82 51 831 4960
LDC-KOREA CO., LTD.	Traders (Marine Equipment), Ship Repair	-	HAEUNDAE-GU, BUSAN / +82 51 266 4037
Leeyoung Industrial Machinery Co., Ltd.	Lashing bridge, T-bulkhead block, Covered-block, Engine casing & funnel, Upper deck & module unit, etc.	www.leeyoung.co.kr	ULJU-GUN, ULSAN / +82 52 231 5800
LHE Co., Ltd.	Plate heat exchanger, Fresh water generator	www.lhe.co.kr	GIMHAE-SI, GYUNGNAM / +82 55 340 0625
LS Cable & System	Power cable, Marine & offshore cable, Telecom cable, SUBMARINE CABLE, WINDSOL, SUPERCONDUCTIVITY	www.lscns.com	ANYANG-SI, GYEONGGI / +82 51 310 6781
LUXCO CO., LTD.	Electrical equipment for internal combustion engines, Magnetic products, etc.	www.luxco.co.kr	SAHA-GU, BUSAN / +82 51 260 1300
MIN SUNG CO., LTD.	Steel outfitting, Access hatch, Swing away hatch, Cable tray, Electric cable box, etc.	www.minsung.co.kr	GANGSEO-GU, BUSAN / +82 51 305 8862
Mirae Industries Co., Ltd.	Winch, Chain Stopper, Capstan	www.miraewinch.com	HAMAN-GUN, GYEONGNAM / +82 55 587 8520
MODERN INTECH CO., LTD.	Fire retardant curtain, Mattress, Upholstery furniture, Fire retardant fabric, Carpet, Rubber flooring	www.mo-dern.com	SASANG-GU, BUSAN / +82 51 325 0260
MRC (Marine Radio Co., Ltd.)	Public address system, Auto telephone sys.	www.mrckorea.com	YOUNGDO-GU, BUSAN / +82 51 414 7891
MSL Compressor Co., Ltd.	Breathing air compressor	www.mslcomp.com	POCHEON-SI, GYEONGGI / +82 31 541 7000
Mt.H Control Valves Co., Ltd.	Main starting valve, Crankcase relief valve, Cyogenic safety valves & control valve	www.mth.co.kr	GANGSEO-GU, BUSAN / +82 51 974 8800
NK Co., Ltd.	Ballast water treatment sys., CO2 sys.	www.nkcf.com	SAHA-GU, BUSAN / +82 51 200 0152
ONNURIPLAN CO., LTD.	Dust & Gas Masks, Sanitary Mask Covers, etc.	www.onnuriplan.com	BUCHAE-SI, GYEONGGI / +82 32 681 7780
Oriental Precision & Engineering Co., Ltd.	Deck house, Funnel & engine casing	www.opco.co.kr	GANGSEO-GU, BUSAN / +82 51 202 0101
OSCG Co., Ltd.	Cable gland and accessories, GRP junction box	www.oscg.net	SASANG-GU, BUSAN / +82 51 305 3910
OTS Co., Ltd.	Crane, Winch, A-Frame	www.otshi.co.kr	SUNCHEON-SI, JEONNAM / +82 61 724 4100
PANASIA Co., Ltd.	Ballast water treatment system/level instrument, Seawater coarse filtration/ Emission gas control system, Engineering services	www.worldpanasia.com	GANGSEO-GU, BUSAN / +82 51 831 1010
Pie Plus Co., Ltd.	Crankshaft, Rudder stock, Motor shaft	www.piplus.co.kr	GANGSEO-GU, BUSAN / +82 51 831 9338
PROSAVE CO., LTD.	Crankcase Explosion Relief Valve, Smart High Velocity Pressure/ Vacuum Relief Valve, Air Release & Vacuum Breaker Valve	www.prosave.co.kr	GIMHAE-SI, GYEONGNAM / +82 55 313 3511
S&W Co., Ltd.	Cam/cam shaft, Valve/seat ring, Engine bolts/nuts, Bolts	www.snwcorp.com	SAHA-GU, BUSAN / +82 51 205 7411
S. A. M-Tech	Engine control lever, Engine control cable, Hydraulic steering system, Stern drive, Helm pump, Cylinder, etc.	www.samartkr.com	INCHEON-SI, GYEONGGI / +82 32 815 3614
Sam Gong Industrial Co., Ltd.	Inflatable rubber products, Ship ballast water treatment system, Life rafts, Speed boats, River boats, Fishing boats, Water tanks, High-speed boats	www.samgongkorea.co.kr	PYEONGTAEK-SI, GYEONGGI / +82 31 651 3012
SAMGONG CO., LTD.	Oil purifier, Ship window, Ship accommodation ladder, Cathodic protection system, Elevator type tower gangway, Ship ballast water treatment system, Quick release mooring hook & road monitoring system	www.sam-gong.co.kr	GANGSEO-GU, BUSAN / +82 51 200 3040
Samin Information System Co., Ltd.	Ecolnspection, Ecoserver Package	www.saminis.com	HAEUNDAE-GU, BUSAN / +82 70 7771 2104
SAMKUN CENTURY Co., Ltd.	F.W. supply unit, BWTS, PE coating, Paint	www.samkunok.com	GIMHAE-SI, GYUNGNAM / +82 70 4034 0226
SAMYANG METAL IND. CO., LTD.	flanges, fittings	www.cuniship.com	SAHA-GU, BUSAN / +82-51-266-6655
Samyoung Machinery Co., Ltd.	Cylinder head, Cylinder liner, Piston & carrier, etc.	www.sym.co.kr	GONGJU-SI, CHUNGNAM / +82 41 840 3000
Samyoung M-TEK Co., Ltd.	MBS, Chain wheel, Cylinder cover, etc.	www.symtek.co.kr	HAMAN-GUN, GYEONGNAM / +82 55 589 7000

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Name	Main Products	Website	Location / Tel.
SAMYUNG ENC CO., LTD.	AIS/GMDSS radio equip, etc.	www.samyungenc.com	YOUNGDO-GU, BUSAN / +82 51 601 5555
Sandong Metal Industry Co., Ltd.	Manifold, Plug valve, Choke valve, Integral Fittings	www.smi-sdhitec.com	GUMI-SI, GYEONGBUK / +82 54 472 8311
Saracom Co., Ltd.	GMDSS equipment	www.saracom.net	GANGNAM-GU, SEOUL / +82 2 566 4248
Scana Korea Hydraulic LTD.	Actuators, HPU and local control panel, Offloading systems/winches and mooring system/turret/swivel, etc.	www.scana.co.kr	GIMHAE-SI, GYUNGNAM / +82 55 343 9007
SEJIN IND CO., LTD.	Tank top unit, Module unit, Purifier unit, Supply unit, etc.	www.sejin89.co.kr	CHANGWON, GYUNGNAM / +82 55 239 4700
Seobu Electric Ind. Co., Ltd.	Ground Monitor		SAHA-GU, BUSAN / +82 51 264 0670
SEOUL ELECTRIC CABLE CO., LTD.	Offshore & shipboard cables	www.seoulcable.com	UMSUONG-GUN, CHUNGBUK / +82 43 879 7200
Seun Electric Co., Ltd.	Battery charger, Alarm sys.	www.seunelectric.co.kr	SAHA-GU, BUSAN / +82 51 208 4641
SEWON INDUSTRIES., LTD.	High velocity P/V valve, Air vent head, Expansion joint, Flame arrester / Breather valve	www.sewon-ind.com	HAMAN-GUN, GYEONGNAM / +82 55 580 7200
Shin Han Machinery Co., Ltd.	Deckhouse, Rudder	www.shinerpia.com	ULJU-GUN, ULSAN / +82 52 240 5000
Shin Heung ENG. Co.	Curtain, Upholstery, Sofa & Chair, Mattress, Carpet, Roller blind	www.shinheungeng.co.kr	GANGSEO-GU, BUSAN / +82 51 817 6455
Shin Myung Tech Co., Ltd.	Air motor, Winch, Davit, Crane, Reel, Capstan, Pump, etc.	www.smdavit.com	YANGSAN-SI, GYUNGNAM / +82 55 363 7091
Shin Sung eng Co., Ltd.	Air Con. Plant, Ref. Plant	www.ishinsung.com	GANGSEO-GU, SEOUL / +82 2 2600 9602
Shin Yeong Co., Ltd.	Manhole, Access hatch	www.sy-ind.com	GIMHAE-SI, GYUNGNAM / +82 55 346 0034
Shin-A Co., Ltd.	Navigational/communication equip.	www.shina-ent.com	SAHA-GU, BUSAN / +82 51 204 6221
Shin-A Metal Tech Co., Ltd.	Engine metal bearing, Bearings for medium & small engines, Main bearing shells, Segment & segment holder, Guide shoe, Top & bottom end bearing, Mesta bearing	www.shinametal.com	BUK-GU, ULSAN / +82 52 298 2100
Shindong Digitech Co., Ltd.	Navigation & communication, Internal communication equipment	www.shindong.com	YEOUNGDO-GU, BUSAN / +82 51 461 5141
Shinshin Machinery Co., Ltd.	VID (Cooling F.W & S.W pump), EHC (Volute casting centrifugal pump), NLG (External gear pump)	www.sspump.com	GIJANG-GUN, BUSAN / +82 51 713 0000
Silla Metal Co., LTD.	Fixed pitch propeller (FPP), Controllable pitch propeller (CPP, Shafting, Stern equipment)	www.sillametal.com	GANGSEO-GU, BUSAN / +82 51 831 5991
Simulation Tech Inc.	Voyage data recorder	www.simulationtech.co.kr	GEUMCHEON-GO, SEOUL / +82 2 3281 0960
SMECO CO., LTD.	Piston, Piston liner	www.smecopiston.com	YEONGI-GUN, CHUNGNAM / +82 44 864 3030
SMS Co., Ltd.	Hatch cover, Lashing bridge, Ro-Ro equipment, Hydro door	www.sms-marinesystem.com	SAHA-GU, BUSAN / +82 51 290 1000
Social Media 99 Co., Ltd.	Cylinder Liner	www.capeind.com	YANGSAN-SI, GYUNGNAM / +82 55 370 1234
SPECS Corporation	Oil mist detector	www.specs.co.kr	BUNDANG-GU, SEONGNAM / +82 31 706 5211
SR CHEMICAL CO., LTD.	Marine Antifouling Paint, Anticorrosive Paint for Ships, Other Marine Paints, etc.	-	WONMI-GU, GYEONGGI / +82 32 661 0091
STACO Co., Ltd.	Wall & ceiling panel, Unit toilet	www.staco.co.kr	GANGSEO-GU, BUSAN / +82 51 831 7000
STX Engine Co., Ltd.	Marine diesel engine, Military diesel engine, power plant diesel engine, electronic communication equipment	www.stxengine.co.kr	CHANGWON, GYUNGNAM / +82 55 280 0114
STX Heavy Industries Co., Ltd.	Turbocharger, Diesel engine parts, Industrial components, Shipbuilding machinery, Cargo pump system, Casting parts	www.stxhi.co.kr	CHANGWON, GYUNGNAM / +82 55 280 0700
Suh Han Ind. Co., Ltd.	Cable tray and duct, Hot dip galvanizing, Ship window	www.suhhani.co.kr	SAHA-GU, BUSAN / +82 51 204 1920

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Name	Main Products	Website	Location / Tel.
SUNBO INDUSTRIES CO., LTD.	Package module unit, Tank top unit, E/R block, etc.	www.sunboind.co.kr	SAHA-GU, BUSAN / +82 51 260 5551
Sung Jin Geotec Co., Ltd.	Ship block, Fin tube, Header pipe	www.sgtkor.com	GANGSEO-GU, BUSAN / +82 52 228 5801
Sung Kwang Bend Co., Ltd.	Butt welding pipe fittings	www.skbend.com	GANGSEO-GU, BUSAN / +82 51 330 0200
Sung Mi Co., Ltd.	Door frame, Wall panel, Ceiling panel, Door hardware, Unit toilet	www.sung-mi.co.kr	GIMHAE-SI, GYEONGNAM / +82 55 329 1117
SUNG SIN INDUSTRIES CO., LTD.	Hatch coaming, T-Block, Water mist catcher, Water separator, Louver	http://sungsin.koreasme.com	GYEONGJU-SI, GYEONGBUK / +82 54 776 6441
Sungil SIM Co., Ltd.	Pipe bending, Pipe spool, Marine Engine, Gas turbine	www.sungilsim.com	GANGSEO-GU, BUSAN / +82 51 831 8800
Suro Propeller & Machinery Co.	Propeller, Propeller shaft	www.suropump.co.kr	YOUNGDO-GU, BUSAN / +82 51 415 0445
T.K. Corporation Co., Ltd.	Butt-welding fittings, Forged fittings, Flanges	www.tkbend.co.kr	GANGSEO-GU, BUSAN / +82 51 831 6600
TAECHANG SYSTEC CO., LTD.	Marine Equipments		GANGSEO-GU, BUSAN
TAE KWANG Co., Ltd.	Pipe Fittings, Fitting & Valve	www.tkbend.co.kr	GANGSEO-GU, BUSAN / +82 51 831 6550
TAE YOUNG TRADING LTD.	Receptacles & wire accessories, Flood light, Deck light, Reflector lamps, HRF mercury lamps, Sodium lamps, Marine electrical equipment	www.marine-matarial.com	NOWON-GU, SEOUL / +82 2 2272 1960
Taekyung Heavy Industries Co., Ltd.	Engine Bed/Frame Box, Air Receiver/Gas ReceiverSteel Outfittings, Tubular(SAW Pipe), etc.	www.tkhic.com	CHANGWON-SI, GYUNGNAM / +82 70 4628 8844
TANKTECH CO., LTD.	Water-mist fire fighting system for engine room and accommodation, LNG fuel tank system, Offshore steel structure	www.tanktech.co.kr	SAHA-GU, BUSAN / +82 51 979 1600
TechMarine S/W Co., LTD.	Loading computer program, CAOS, Stowage program, LOFOS, LMS	www.techmarine.net	DONG-GU, BUSAN / +82 51 467 7003
Techcross Inc.	Ballast water management system	www.techcross.com	JUNG-GU, BUSAN / +82 51 603 3500
TETRADYNE	Marine Monitor, Marine Panel PC	www.tetradyne.co.kr	GURO-GU, SEOUL / +82 2 323 4972
TMC Co., Ltd.	Marine cables, Oil & rig cables, Onshore cables, Special cables, Optical fiber cables	www.tmc-cable.com	CHEONAN-SI, CHUNGNAM / +82 41 589 6500
TOPSAFE CO., LTD.	High-velocity pressure vacuum valve, Breather valve, Flame arrestor, Emergency vent cover, Detonation flame arrestor	www.topsafe.co.kr	GIMHAE-SI, GYUNGNAM / +82 55 338 9986
TTS INTERNATIONAL CORP.	Cuni Pipe, Cuni Flange, Cuni Fitting	www.ttsi.co.kr	GANGSEO-GU, BUSAN / +82 51 832 9977
VISER CO., LTD.	PHE GASKET, Valve seat, Dust packing, etc.	www.viser.co.kr	GIMHAE-SI, GYUNGNAM / +82 55 346 5575
WARTSILA ACCOMMODATION SYSTEMS KOREA, INC.	Unit toilet, Unit cabin, Wall panel, Ceiling panel	www.waskorea.co.kr	GOSEONG-GUN, GYEONGNAM / +82 55 673 7315
WhaYoung Co., Ltd.	Fuel pump ass'y for ship engine	www.whayoung.co.kr	MIRYANG-SI, GYUNGNAM / +82 55 359 1100
WONIL CO., LTD.	Cylinder cover, Common rail unit, Silencer, Spraying plate, Rotor shaft	www.ms-wonil.com	MASAN-SI, GYEONGNAM / +82 55 253 1500
Woo Chang Ind. Co., Ltd.	Weather-tight steel door, Louver vent, Steel window box, Mooring fitting		GIMHAE-SI, GYUNGNAM / +82 55 337 1651
WOOJOO M & E Co., Ltd.	Exp. junction box, Warning alarm, etc.	www.wjme.com	SAHA-GU, BUSAN / +82 51 264 9130
Yoo Won Industry LTD.	Steering gear, Filter, Deck M/C	www.yoowonind.com	SAHA-GU, BUSAN / +82 51 205 8541
You Jeon Industry Co., Ltd.	Marine engine parts, Engine bed		CHANGWON, GYUNGNAM / +82 55 297 2121
YoungkWang Machine Co., Ltd.	Skid unit, Pressure vessel, Heat exchanger	www.ykmc.com	GYEONGJU-SI, GYEONGBUK / +82 54 776 6456

Certified World-Class Korean Marine Equipment Products

Item	Enterprise (Year)
Marine Diesel Engine (Over 6,000 BHP)	Doosan Engine Co., Ltd. (2002)
	Hyundai Heavy Industries Co., Ltd. (2002)
	STX Heavy Industries Co., Ltd. (2006)
High Pressure CO ₂ Fire Extinguishing System Marine Cable	NK Co., Ltd. (2002)
	Kukdong Electric Wire Co., Ltd. (2002)
	LS Cable Ltd. (2002)
	JS Cable Co., Ltd. (2002)
	TMC Co., Ltd. (2007)
Marine Boiler	Kangrim Industries Co., Ltd. (2002)
Steering Gear	Yowon Industries Ltd. (2003)
Wall Panel	BIP Industries Co., Ltd. (2003)
	STACO Co., Ltd. (2003)
Crankshaft for Large Engine	Hyundai Heavy Industries Co., Ltd. (2003)
	Doosan Heavy Industries & Construction Co., Ltd. (2003)
	STX Metal Co., Ltd. (2009)
Synchronous Generator for Marine Application Marine Diesel Engine (4-Stroke)	Hyundai Heavy Industries Co., Ltd. (2004)
	STX Engine Co., Ltd. (2004)
	Hyundai Heavy Industries Co., Ltd. (2004)
Fixed Pitch Propellers for Marine Propulsion	Hyundai Heavy Industries Co., Ltd. (2004)
Turbo-Charger for Medium Size Marine Diesel Engine (Below 5,000kw Class)	STX Metal Co., Ltd. (2005)
Crankshaft for 4-Stroke Engine	STX Metal Co., Ltd. (2006)
	Hyundai Heavy Industries Co., Ltd. (2006)
	Sunwoo CS Corp. (2012)
Main Bearing Support for Medium & Large Size Marine Diesel Engine	DAECHANG SOLUTION CO., LTD. (2006)
	Samyoung M-TEK Co., Ltd. (2011)
Exhaust Valve for Big Size Marine Diesel Engine (2-Stroke)	Keumyong Machine Co., Ltd. (2006)
Economizer	Kangrim Industries Co., Ltd. (2006)
Marine Switchboard	Hyundai Heavy Industries Co., Ltd. (2007)
Cargo Oil Pump and Water Ballast Pump	Hyundai Heavy Industries Co., Ltd. (2007)
Guide Shoe for Large Size Marine Diesel Engine	Shina Metaltech Co., Ltd. (2007)
Cylinder Liner for 2-Stroke Marine Diesel Engines	Hyundai Heavy Industries Co., Ltd. (2007)
	Cape Industries Ltd. (2007)
	STX Metal Co., Ltd. (2007)
Air Cooler for Marine Engines	Donghwa Entec Co., Ltd. (2007)
Cylinder Frame for Two Stroke Diesel Engine	Hyundai Heavy Industries Co., Ltd. (2008)
Turbocharger for Two Stroke Diesel Engine	Hyundai Heavy Industries Co., Ltd. (2008)
	STX Metal Co., Ltd. (2010)
Inert Gas Generator	Kangrim Industries Co., Ltd. (2008)
Electronic Control Fuel Supply Unit	Hwayoung Co., Ltd. (2008)
High Voltage Motors for Marine Thruster	Hyundai Heavy Industries Co., Ltd. (2008)
Medium-Speed Diesel Engine Power Plant	Hyundai Heavy Industries Co., Ltd. (2008)
Marine Propulsion Shafting	Hyundai Heavy Industries Co., Ltd. (2009)

Item	Enterprise (Year)
Side Thruster	Hyundai Heavy Industries Co., Ltd. (2009)
Common Rail Unit	Wonil Co., Ltd. (2009)
Pistons for Medium-Speed Marine Diesel Engines	Samyoung Machinery Co., Ltd. (2009)
Water Mist Fire Fighting System for Machinery Areas	Tanktech Co., Ltd. (2009)
Fresh Water Generator	Donghwa Entec Co., Ltd. (2009)
Ceiling Panel For Marine Accommodation	BIP Industries Co., Ltd. (2009)
	STACO Co., Ltd. (2010)
Bathroom Unit For Marine Accommodation	BIP Industries Co., Ltd. (2009)
Integrated Control & Monitoring System	Hyundai Heavy Industries Co., Ltd. (2009)
145kV GIS	Hyundai Heavy Industries Co., Ltd. (2010)
Marine Ring Main Unit	Hyundai Heavy Industries Co., Ltd. (2010)
Dual-Fuel Diesel Engine	Wartsila-Hyundai Engine Company Ltd. (2010)
Lifeboat	Hyundai Lifeboats Co., Ltd. (2010)
Cylinder Head for Medium-Speed Diesel Engines	Samyoung Machinery Co., Ltd. (2010)
Unit Toilet	STACO Co., Ltd. (2010)
Marine Door	BN Cosmo (2010)
Cabin Unit	BIP Industries Co., Ltd. (2010)
Automatic Solid-Liquid Separation Filter	Yoowon Industries Ltd. (2010)
Cylinder Cover	Hansco Co., Ltd. (2011)
	DAECHANG SOLUTION CO., LTD. (2011)
Ballast Water Management System	Panasia Co., Ltd. (2012)
	NK Co., Ltd. (2013)
Emergency Generator for Marine Application	GPC Corporation (2012)
Marine Fluorescent Lights	Kukdong Elecom Co., Ltd. (2013)
	Daeyang Electric Co., Ltd. (2014)
I.C.C.P. & M.G.P.S.	K.C. Co., Ltd. (2013)
Cryogenic Pipe Insulation	Kangrim Insulation Co., Ltd. (2014)
Level Monitoring System	Hanla IMS Co., Ltd. (2014)
Connecting Rod	Hyunjin Materials Co., Ltd. (2014)

KOMEA Leads World-Class Korea Product System for Marine Equipment

Launched in 2001, the World-Class Korea Product System features the issue of certifications and implementation of support measures for made-in-Korea products that occupy 50% or more of the global market. Certificates also are awarded to the enterprises that produce World-Class-certified products.

The number of World-Class Products-certified marine equipment items reached 52, accounting for 8% of the total awarded to date.

The Ministry of Trade, Industry and Energy is the authority that sponsors the World-Class Product program, while KOMEA is the secretariat for the marine equipment area of the program.



KOMEA -- Providing Light & Dreams for Marine Equipment Biz

Korea Marine Equipment Association (KOMEA) is generating light and dreams for marine equipment businesses, responding to the emerging New Marine Economy based on creative innovation and global cooperation.

- Reinforce Industrial Competitiveness
- Share Information & Expertise
- Umbrella for Int'l Cooperation
- Bridge Between Gov't & Enterprises



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