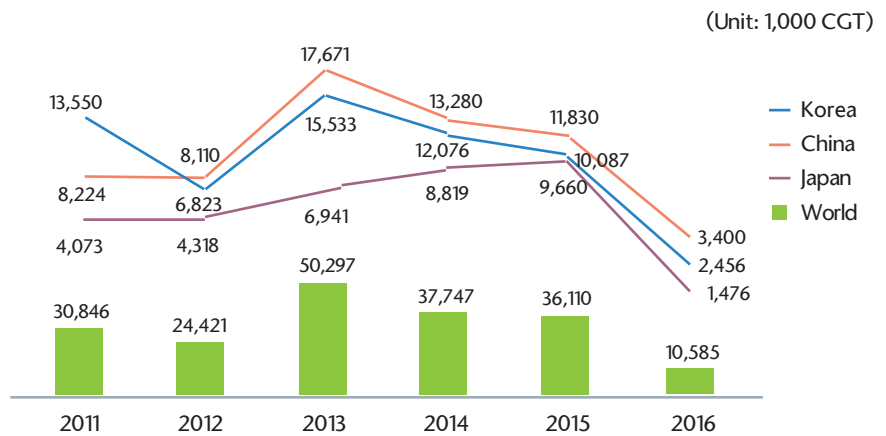


● Global Periscope by Country & Region

# 10.6 Million CGT in 2016, Compared with 36.1 Million in 2015

New global shipbuilding orders in 2016 fell to 1.06 million CGT, accounting for 29.3% of the preceding year's 36.1 million CGT, according to Lloyd's World Shipbuilding Statistics. Despite the depressed market, China, Korea and Japan maintained market dominance, scoring a combined 70% of the global total in 2016.



(Unit: 1,000 CGT)

Country \ Year	2011	2012	2013	2014	2015	2016
Korea	13,550	6,823	15,533	12,076	10,087	2,456
China	8,224	8,110	17,671	13,280	11,830	3,400
Japan	4,073	4,318	6,941	8,819	9,660	1,476
Denmark	1					
France	166	200		274		453
Germany	271	403	336	489	665	682
Greece	8		3			
Italy	185	156	515	794	775	1,106
Netherlands	130	68	31	24	87	54
U.K.	1					
Finland	122	123		218	587	41
Spain	48					
Poland	111	123	42	69	9	113
Romania	379	244	511	297	96	85
Norway	97					301
Croatia	100	67	76	175	123	127
U.S.A.	58	299	305	53	45	153
Brazil	525	627	252			65
Taiwan	489	61	464	165	257	73
World	30,846	24,421	50,297	37,747	36,110	10,585

Source: Lloyd's World Shipbuilding Statistics (IHS-Fairplay), KOSHIPA

## ● Korean Performance by Year

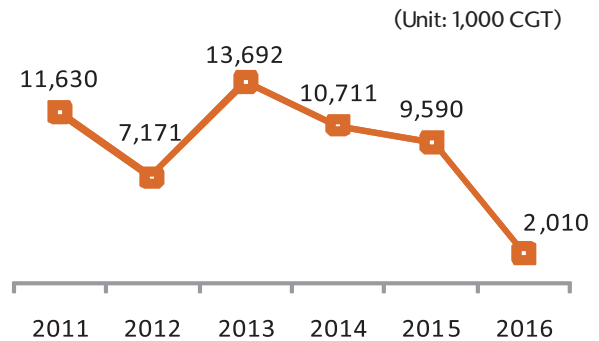
### Shrinking to 9.6 Mil CGT in 2015 vs. Record 23.6 Mil CGT in 2007

In 2016, Korea received new shipbuilding orders totaling 2.01 million CGT, a 79% decline from 2015, according to a KOSHIPA tally. The new order volume broke down to 301,473 CGT in domestic orders and 1.71 million CGT in exports.

The 2016 figure of Korea's shipbuilding order receipt is also compared with 26 million CGT registered in 2007.

In the first half of 2017, Korea won 2.83 million CGT (79 vessels) of shipbuilding orders according to Clarksons, a UK's shipbuilding & shipping industry analysis organization, on July 7.

New Shipbuilding Orders



China rose to world's 1st with 2.90 million CGT (133 vessels) of shipbuilding orders, followed by Korea, Italy at 740,000

Year	Domestic			Overseas			Total		
	Ships	GT	CGT	Ships	GT	CGT	Ships	GT	CGT
'01				185	10,832,193	6,408,408	185	10,832,193	6,408,408
'02				230	12,773,511	7,590,962	230	12,773,511	7,590,962
'03	5	44,250	48,955	465	28,143,948	16,700,221	470	28,188,198	16,749,176
'04				441	25,735,279	16,307,013	441	25,735,279	16,307,013
'05				349	19,279,380	11,964,960	349	19,279,380	11,964,960
'06				498	33,656,169	19,584,786	498	33,656,169	19,584,786
'07	3	22,600	26,187	704	49,967,536	23,617,351	707	49,990,136	23,643,538
'08	14	613,080	281,530	453	33,161,670	13,740,629	467	33,774,750	14,022,158
'09	2	29,100	35,009	47	3,695,608	1,379,091	49	3,724,708	1,414,100
'10	14	579,928	290,586	306	18,324,410	7,865,597	320	18,904,338	8,156,183
'11	30	1,461,021	762,939	236	19,585,779	10,867,402	266	21,046,800	11,630,342
'12	38	1,297,848	757,345	176	11,301,795	6,414,390	214	12,599,643	7,171,736
'13	30	1,715,656	819,218	377	25,797,108	12,873,626	407	27,512,764	13,692,844
'14	25	825,590	445,747	268	20,251,026	10,265,256	293	21,076,616	10,711,003
'15	27	1,616,228	1,065,144	221	20,485,989	8,524,931	248	22,102,217	9,590,075
'16	14	367,000	301,473	47	3,917,880	1,708,315	61	4,284,880	2,009,788

Source: KOSHIPA

## ● Korean Performance by Shipyard

### HHI Recaptures 1st Place Outpacing DSME in 2016

Hyundai Heavy Industries (HHI) took first place in the new order receipt race in 2016, registering 677,935 CGT, edging out its closest rival Daewoo Shipbuilding & Marine Engineering (DSME) with 432,887 CGT and Samsung Heavy Industries (SHI) with 260,212 CGT.

2014

Company	Category	Domestic		Overseas		Total	
		Ships	CGT	Ships	CGT	Ships	CGT
Hyundai Heavy Industries Co., Ltd.		1	28,907	57	2,242,099	58	2,271,006
Daewoo Shipbuilding & Marine Engineering Co., Ltd.				52	3,219,836	52	3,219,836
Samsung Heavy Industries Co., Ltd.				25	1,382,544	25	1,382,544
Hyundai Samho Heavy Industries Co., Ltd.		8	261,790	23	1,035,034	31	1,296,824
Hanjin Heavy Industries & Construction Co., Ltd.				6	141,923	6	141,923
Hyundai Mipo Dockyard Co., Ltd.		3	28,268	37	665,733	40	694,001
STX Offshore & Shipbuilding Co., Ltd.				26	512,582	26	512,582
Dae Sun Shipbuilding & Engineering Co., Ltd.		13	126,782	4	33,045	17	159,827
Sungdong Shipbuilding & Marine Engineering Co., Ltd.				38	1,020,965	38	1,020,965
Total		25	445,747	268	10,253,761	293	10,699,508

2015

Company	Category	Domestic		Overseas		Total	
		Ships	CGT	Ships	CGT	Ships	CGT
Hyundai Heavy Industries Co., Ltd.		5	143,574	52	2,178,838	57	2,322,412
Daewoo Shipbuilding & Marine Engineering Co., Ltd.		4	350,435	26	1,724,428	30	2,074,863
Samsung Heavy Industries Co., Ltd.		2	162,940	30	1,456,766	32	1,619,706
Hyundai Samho Heavy Industries Co., Ltd.		6	221,756	35	1,406,582	41	1,628,338
Hanjin Heavy Industries & Construction Co., Ltd.				4	77,652	4	77,652
Hyundai Mipo Dockyard Co., Ltd.		4	70,164	44	1,005,759	48	1,075,923
STX Offshore & Shipbuilding Co., Ltd.		4	84,464	18	450,952	22	535,416
Dae Sun Shipbuilding & Engineering Co., Ltd.		2	31,811	8	111,742	10	143,553
Sungdong Shipbuilding & Marine Engineering Co., Ltd.				4	112,214	4	112,214
Total		27	1,065,144	221	8,524,933	248	9,590,077

2016

Company	Category	Domestic		Overseas		Total	
		Ships	CGT	Ships	CGT	Ships	CGT
Hyundai Heavy Industries Co., Ltd.		2	174,692	11	503,243	13	677,935
Daewoo Shipbuilding & Marine Engineering Co., Ltd.				7	432,887	7	432,887
Samsung Heavy Industries Co., Ltd.				7	260,212	7	260,212
Hyundai Samho Heavy Industries Co., Ltd.				8	269,388	8	269,388
Hanjin Heavy Industries & Construction Co., Ltd.							
Hyundai Mipo Dockyard Co., Ltd.		3	64,085	12	200,972	15	265,058
Dae Sun Shipbuilding & Engineering Co., Ltd.		9	62,695			9	62,695
Sungdong Shipbuilding & Marine Engineering Co., Ltd.				2	41,613	2	41,613
Total		14	301,473	47	1,708,315	61	2,009,788

Source: KOSHIPA

# New Orders

## ● Korean Performance by Ship Type

### Tankers Bring Largest New Shipbuilding Order Receipt in 2016

Korean shipyards bagged a fleet of 26 tanker orders in 2016 with combined tonnage reaching 660,088 CGT, outpacing LNG carrier orders for 4 vessels 438,304 and product carrier with 388,956 and containership with 254,920 CGT.

2014

Ship Type	Category	Domestic		Overseas		Total	
		Ships	CGT	Ships	CGT	Ships	CGT
Tanker		4	25,567	74	2,287,904	78	2,313,471
Product Carrier		1	8,393	28	490,191	29	498,583
Chemical Tanker		2	13,116	2	13,116	4	26,232
Bulk Carrier		4	122,052	24	722,592	28	844,645
Containership		7	97,091	27	1,351,633	34	1,448,724
LNG Carrier				37	3,227,708	37	3,227,708
LPG Carrier		1	28,907	59	1,473,909	60	1,502,816
Car Carrier		4	139,738	2	73,908	6	213,646
Drillship				2	82,625	2	72,625
Others		2	10,883	13	530,175	15	3,778,766
Total		25	445,747	268	10,253,761	293	10,699,508

2015

Ship Type	Category	Domestic		Overseas		Total	
		Ships	CGT	Ships	CGT	Ships	CGT
Tanker		4	84,464	83	2,811,524	87	2,895,988
Product Carrier		35	640,052	35	640,052		
Chemical Tanker							
Bulk Carrier							
Containership		4	61,960	47	2,999,212	51	3,061,172
LNG Carrier		6	513,375	7	614,332	13	1,127,707
LPG Carrier		7	183,589	27	654,388	34	837,977
Car Carrier		6	221,756	16	570,961	22	792,717
Drillship							
Others				6	234,463	6	234,463
Total		27	1,065,144	221	8,524,932	248	9,590,076

2016

Ship Type	Category	Domestic		Overseas		Total	
		Ships	CGT	Ships	CGT	Ships	CGT
Tanker		8	40,061	18	620,026	26	660,088
Product Carrier		1	17,076	18	371,880	19	388,956
Chemical Tanker							
Bulk Carrier		1	16,114			1	16,114
Containership				4	254,920	4	254,920
LNG Carrier		2	174,692	3	263,612	5	438,304
LPG Carrier				1	30,102	1	30,102
Car Carrier							
Drillship							
Others		2	53,530	3	167,774	5	221,304
Total		14	301,473	47	1,708,315	61	2,009,788

Source: KOSHIPA