

Marketing for Mega Containership

- Introduction

In order to meet the operations requirement of containerships, Port of Keelung provides all varieties of services of wharves, mechanical equipment and storage. Moreover, to comply with the trend of growing size of containerships, The Port is actively extending its east breakwater. With completed extension of wharves W18 and W19, the Port is able to accommodate larger containerships up to 8000 TEU now. Details are described as below.

- Mega Berths

Berth Options	Wharves	Length (m)	Draft (m)	Berthing	Ever Called Mega Containerships	Remark
1	W16 /W17	156.5 /207	12 /12	The quay lengths of W16 and W17 totaling 363.5m, capable of accommodating loaded containership up to 3000TEU with LOA about 260m and draft 12m.	E.g. RIMAC, being 3000TEU class containership run by CCNI Ltd.	
2	W17 /W18	207 /403.9	12 /12	<ol style="list-style-type: none"> The quay lengths of W17 and W18 totaling 610.9m, simultaneously, being capable of accommodating 2 loaded containerships up to 4000TEU with LOA about 270m and draft 12m. the quay length of W18 will be 403.9m, being Capable of accommodating loaded containership up to 5000TEU with LOA about 280m and draft 12m. The total quay lengths of W16, W17 and W18 will be 767.4m, simultaneously, being capable of accommodating 2 loaded containerships up to 5000TEU with LOA about 280m and draft 12m. 	<ol style="list-style-type: none"> E.g. WAN HAI 317, being 3000TEU class containership run by WANHAI LINES Co., Ltd. E.g. KAETHE C RICKMERS, being 5000TEU class containership run by NORASIA CONTAINER LINES LTD. E.g. MSC ZAMBIA, being 6000TEU class containership run by MSC MEDITERRANEAN SHIPPING CO., S.A. 	
3	W19	364.4	14.5	The quay length of W19 364.4m, being capable of accommodating loaded containership up to 8000TEU with LOA about 336m and draft 14.5m.	<ol style="list-style-type: none"> E.g. YM WEALTH、YM FOUNTAIN、YM GREAT、YM MARCH、YM SUCCESS, being 5500+TEU class containerships run by Yang Ming Marine Transport Corp. E.g. CSCL KOBE, being 5760TEU class containership run by China Shipping Container Liners Co., Ltd. E.g. 6000TEU class of MSC LUISA and 9200 TEU class of MSC MARIA ELENA containerships, run by MSC MEDITERRANEAN SHIPPING CO., S.A. 	
4	W22 /W23	190 /210	10.5~11	The quay lengths of W22 and W23 totaling 400m, capable of accommodating loaded containership up to 5000TEU with LOA about 280 m and draft 11m.	1. E.g. YM WEALTH、YM FOUNTAIN、YM GREAT、YM MARCH、YM SUCCESS, being 5500+TEU class containerships run by Yang Ming Marine Transport Corp.	Ranging from 7.5m to 30m off the berth apron, the draft has been dredged to

					2. E..g. Hyundai New York 、 Hyundai Tacoma 、 Hyundai Oakland 、 Hyundai Long Beach, being 6350 TEU class containerships run by Hyundai Merchant Marine Co., Ltd..	13m.
5	W25	300	13	Capable of accommodating loaded containership up to 4000TEU with LOA about 270m and draft 13m.	E.g. VERNET, being 4000TEU class containership run by CMA CGM.	
6	E8/E9/E 10 /E11	240/220 /200 /200	12/12 /12 /13	The quay lengths of E8, E9,E10 and E11 totaling 860m, capable of accommodating loaded containership up to 5000TEU with LOA about 280 m and draft 12m.	1. E.g. ZIM BARCELONA 、 ZIM BEIJING 、 ZIM CALIFORNIA 、 ZIM HAIFA 、 ZIM MEDITERRANEAN、ZIM PANAMA 、 ZIM PUSAN 、 ZIM SAVANNAH 、 ZIM SHANGHAI 、 ZIM SHENZHEN 、 ZIM VIRGINIA 、 ZIM NEW YORK 、 ZIM PIRAEUS 、 ZIM QINGDAO, being 5000TEU+ class containerships run by Zim Integrated Shipping Services Ltd 2. E.g. PALENA and MAULLIN, being 6500TEU class containerships run by Compania Sud Americana de Vapores S.A.	

- Extending Construction of East Breakwater of Keelung Port

The Extension Project of East Breakwater of the Port, extending 200 meters, has been completed on November 3, 2010. it will effectively improve the stability of basin and benefit to satisfy the navigation safety of entrance/departure for larger ships, to reduce the maritime cost of carriers, and to increase the wharf operation efficiency.

- Keelung Harbor Container Gantry Crane Data

Gantry crane number	Manufactory	Berth	Outreach from		Back treach from landside rail (M)	Lifting height above the ground (M)	Lifting height below the ground (M)	Span (M)	Height of operating layer above the deck (estimated)	Height of operating layer below the deck (estimated)	Container row width of operating
			Capacity (ton)	seaside rail (M)							
BC-161	mitsubishi	W16	40	37	15	28	13	15	5	7	13
BC-162	mitsubishi		40	37	15	28	13	15	5	7	13
BC-171	mitsubishi	W17	40	37	15	28	13	15	5	7	13
BC-182	mitsubishi	W18	40	37	15	28	13	15	5	7	13
BC-183	afatek		50	46	15	33	15	15	6	8-9	16
BC-181	kocks		35	45	15	31	13	15	6	8	16
BC-191	afatek	W19	50	55	15	35	15	30	6-7	8-9	18
BC-192	mitsubishi		40	47	15	33	13	30	6	8	16
BC-193	mitsubishi		40	47	15	33	13	30	6	8	16
BC-221	asea	W22	35	37	15	28	13	15	5	7	13
BC-236	afatek	W23	50	46	15	33	15	15	6	8-9	16
BC-235	afatek		50	46	15	33	15	15	6	8-9	16
BC-252	impsa	W25	40	45	15	31	13	15	6	8	16
BC-253	afatek		50	46	15	33	15	15	6	8-9	16
BC-901	mitsubishi	E08	40	37	15	28	13	15	5	7	13
BC-231	mitsubishi		40	37	15	28	13	15	5	7	13
BC-232	mitsubishi	E09	40	37	15	28	13	15	5	7	13
BC-801	afatek		40	45	15	31	13	15	6	8	16
BC-802	afatek	E10	40	45	15	31	13	15	6	8	16
BC-101	afatek		50	46	15	33	15	15	6	8-9	16
BC-113	kocks		E11	35	45	15	31	13	15	6	8

※ Gantry crane that lifting height is 31M or more above the ground , could operate 6 layer height (5+1) container above the deck.

※ Gantry crane that lifting height is 28M above the ground, could operate 5 layer height (4+1) container above the deck generally.