

III. LOADING TABLES AND FIGURES – CASE 1: CL RACKS ON

A. Table 1

**LOAD CASE 1: CL CONTAINER RACKS ONBD FR 16-47 WITH CONTAINERS IN RACKS UP TO MAX STACK WT
TABLE 1 - MAX DK. CARGO HEIGHT AND VCG**

Mean Draft Distance above Baseline	Max Dk Cargo Ht Feet above Deck	Max Dk Cargo VCG Feet above Deck	DWT (Dk Cargo + Containers + Ballast)	
			Long Ton	Short Ton
18 Ft. 1.07 In.	25 Ft. 11 In.	12 Ft. 11 In.	13,141	14,718
17 Ft. 0 In.	50 Ft. 0 In.	25 Ft. 0 In.	11,910	13,339
16 Ft. 0 In.	74 Ft. 3 In.	37 Ft. 1 In.	10,793	12,089
15 Ft. 0 In.	92 Ft. 6 In.	46 Ft. 3 In.	9,686	10,848
14 Ft. 0 In.	105 Ft. 2 In.	52 Ft. 7 In.	8,594	9,625
13 Ft. 0 In.	117 Ft. 6 In.	58 Ft. 9 In.	7,518	8,420
12 Ft. 0 In.	128 Ft. 7 In.	64 Ft. 3 In.	6,453	7,227
11 Ft. 0 In.	142 Ft. 10 In.	71 Ft. 5 In.	5,407	6,056
10 Ft. 0 In.	162 Ft. 1 In.	81 Ft. 0 In.	4,374	4,899
9 Ft. 0 In.	181 Ft. 2 In.	90 Ft. 7 In.	3,356	3,759
8 Ft. 0 In.	206 Ft. 2 In.	103 Ft. 1 In.	2,356	2,638
7 Ft. 0 In.	237 Ft. 5 In.	118 Ft. 8 In.	1,368	1,532
6 Ft. 0 In.	271 Ft. 6 In.	135 Ft. 9 In.	398	446
5 Ft. 7 In.	288 Ft. 3 In.	144 Ft. 1 In.	0	0

Notes:

1. Cargo Height and VCG shown are for deck cargo portion of load exclusive of any containers in racks.
2. At each draft, limiting Cargo Ht and VCG are the lesser of Cases 1A (no wt. in rack) & 1B (max wt. in rack).
3. Containers in Racks may be stacked up to 3 High (10' high containers).
4. Container stack weights shall not exceed 142,000 lb on each side P/S (Fr. 16-41) and 129,000 lb on each side P/S (Fr. 41-47).
5. Deck Cargo measurements are from steel main deck.
6. All cargo shall be adequately secured against shifting.



IV. LOADING TABLES AND FIGURES – CASE 2: CL RACKS OFF

A. Table 2

LOAD CASE 2: CL CONTAINER RACKS OFF FR 16-47, DECK CARGO ONLY
TABLE 1 - MAX DK. CARGO HEIGHT AND VCG

Mean Draft Distance above Baseline	Max Dk Cargo Ht Feet above Deck	Max Dk Cargo VCG Feet above Deck	DK Cargo + Ball Dwt	
			Long Ton	Short Ton
18 Ft. 1.07 In.	38 Ft. 9 In.	19 Ft. 4 In.	13,530	15,154
17 Ft. 0 In.	56 Ft. 0 In.	28 Ft. 0 In.	12,298	13,774
16 Ft. 0 In.	72 Ft. 8 In.	36 Ft. 4 In.	11,182	12,524
15 Ft. 0 In.	90 Ft. 1 In.	45 Ft. 0 In.	10,075	11,284
14 Ft. 0 In.	103 Ft. 2 In.	51 Ft. 7 In.	8,982	10,060
13 Ft. 0 In.	115 Ft. 0 In.	57 Ft. 6 In.	7,906	8,855
12 Ft. 0 In.	125 Ft. 6 In.	62 Ft. 9 In.	6,841	7,662
11 Ft. 0 In.	139 Ft. 0 In.	69 Ft. 6 In.	5,796	6,491
10 Ft. 0 In.	157 Ft. 4 In.	78 Ft. 8 In.	4,763	5,334
9 Ft. 0 In.	175 Ft. 4 In.	87 Ft. 8 In.	3,745	4,194
8 Ft. 0 In.	198 Ft. 11 In.	99 Ft. 5 In.	2,744	3,074
7 Ft. 0 In.	228 Ft. 6 In.	114 Ft. 3 In.	1,756	1,967
6 Ft. 0 In.	260 Ft. 6 In.	130 Ft. 3 In.	787	881
5 Ft. 2 In.	293 Ft. 2 In.	146 Ft. 7 In.	0	0

Notes:

1. Cargo Height and VCG shown are for cargo when CL Racks have been removed from barge.
2. Measurements are from steel main deck
3. All cargo shall be adequately secured against shifting

