

CAP rating calculation

Tank No. 1 Water Ballast (Stbd)

Structural Element	Visual Inspection	Thickness Measurement	Coating Condition	Average
Deck	1	2	1	1.3
Side Shell	3	2	1	2.0
Bottom	1	2	1	1.3
Inner Bottom	1	2	1	1.3
Tranverse Bulkheads	1	2	1	1.3
Internal Structure	1	2	1	1.3
			Tank Average Rating	1.4
			Tank Overall Rating	2

Result of Ballast Tank Rating

No.	Ballast Tank	Rating
1	No. 1 WBT P	2
2	No. 1 WBT S	2
3	No. 2 WBT P	2
4	No. 2 WBT S	2
5	No. 3 WBT P	1
6	No. 3 WBT S	1
7	No. 4 WBT P	1
8	No. 4 WBT S	1
9	No. 5 WBT P	1
10	No. 5 WBT S	1
11	No. 6 WBT P	3
12	No. 6 WBT S	1
13	Fore Peak Tank	1
14	Afterpeak Tank	2
Average Rating		1.5
Overall Rating		2

Result of Cargo Tanks/Holds Rating

No.	Cargo Tank/hold	Rating
1	No. 1 COT P	2
2	No. 1 COT S	2
3	No. 2 COT P	2
4	No. 2 COT S	1
5	No. 3 COT P	1
6	No. 3 COT S	1
7	No. 4 COT P	2

8	No. 4 COT S	1
9	No. 5 COT P	1
10	No. 5 COT S	2
11	No. 6 COT P	2
12	No. 6 COT S	2
13	Slop Stbd	2
14	Slop Port	1
Average Rating		1.6
Overall Rating		2

External Structure Rating

No.	External Structure	Rating
1	Main Deck	2
2	Side	1
3	Bottom	1
Average Rating		1.3
Overall Rating		1

Result of Survey Rating

No.	Item	Rating
1	Ballast Tanks	2
2	Cargo Tanks/Holds	2
3	External Structure	1
Overall Survey Raing		2

Results of Structural Strength Rating

No.	Item	Rating
1	Bending Strength	1
2	Buckling Strength	2
Overall Structural Strength Rating		2

Results of CAP hull rating

No.	Item	Rating
1	Survey Raing	2
2	Structural Strength Rating	2
Overall CAP Hull Rating		2

The final overall CAP hull rating is CAP 2