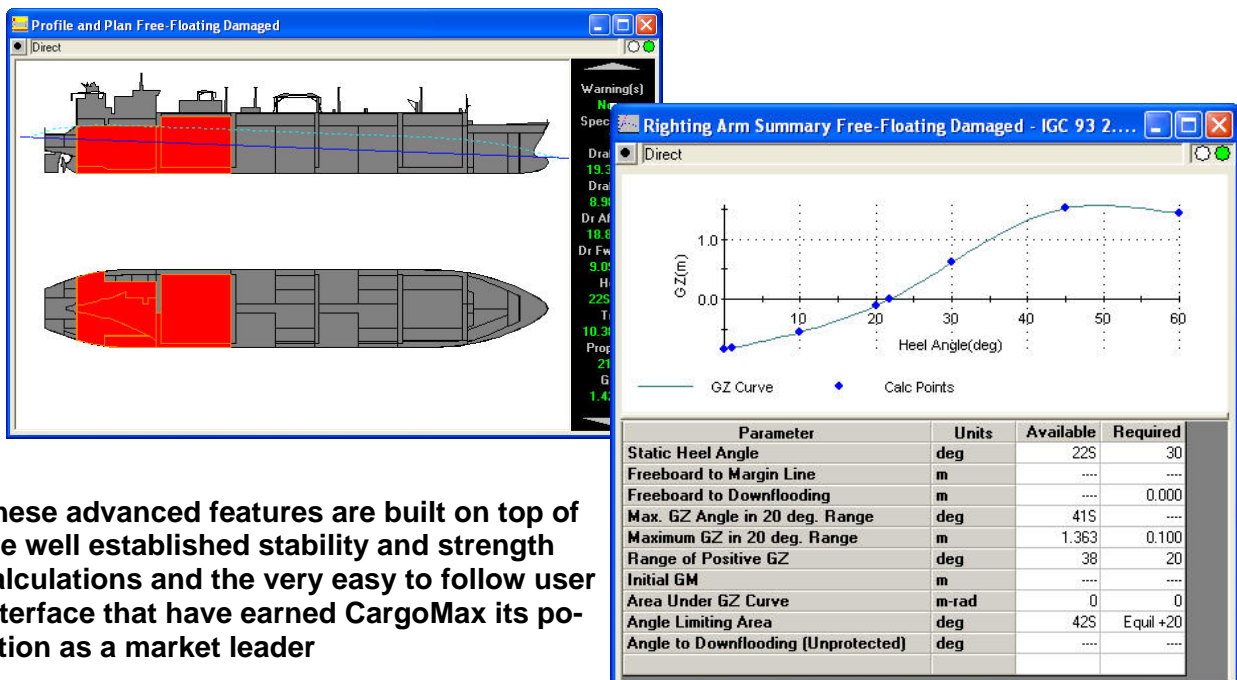


CargoMax

LNG / LPG — Advanced Features

CargoMax provides advanced features to simplify the many tasks involved in monitoring the safe operation of modern LNG Carriers.

Damage Stability Requirements based on IGC Criteria



These advanced features are built on top of the well established stability and strength calculations and the very easy to follow user interface that have earned CargoMax its position as a market leader

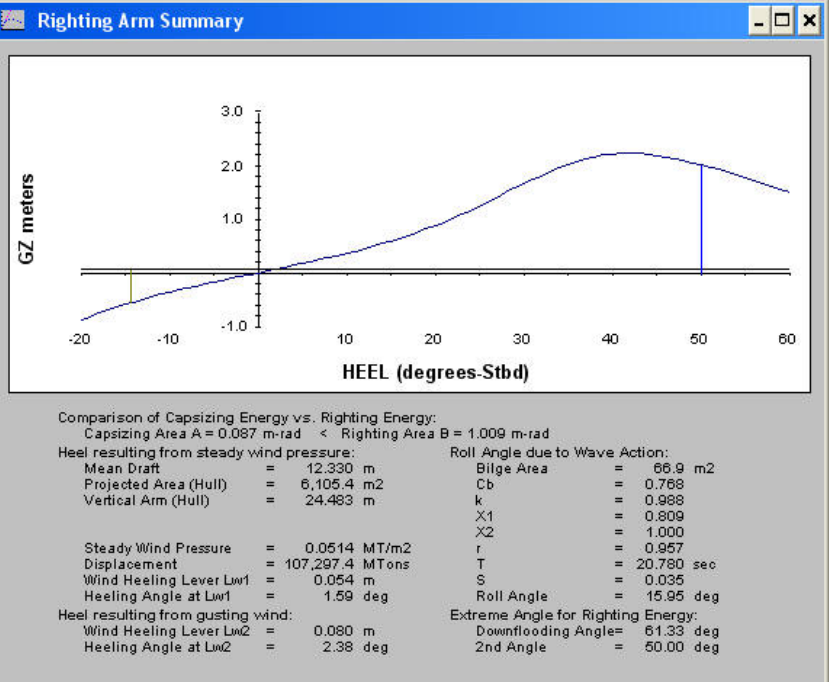
- Vapor and Liquid weight calculations based on temperatures, pressure, molecular mass.
- Stability assessment according to IGC Damage Stability Criteria
- Intact Stability according to IMO Weather Criteria
- Connection to gauging systems for the automatic, online input of tank levels, temperature, and pressure.
- Direct compatibility and automatic load condition sharing with HECSALV Salvage and Emergency Response package.



Advanced Cargo Entry fields for calculating Vapor loads

Tank Name	Source	UI/Snd	Trim	Heel Deg	Ad UI/Snd	L Vol	L Temp	L Dens	L Slid Vol	L Mass	V Vol	Press	V Temp	Mol Mass	V Dens	V Mass	Weight
1C	Gauge	26.870 S	0.56A	0.00	26.838 S	24.494 634	20.0	0.4258	4.494 634	0.4 23 815	13.997	75.4	-160.7	16.000	1.8403	25.758	10.429 841
2C	Gauge	26.870 S	0.56A	0.00	26.826 S	39.347 594	20.0	0.4258	9.347 594	6.7 34 205	27.168	76.8	-160.7	16.000	1.8427	50.061	16.75
3C	Gauge	26.870 S	0.56A	0.00	26.826 S	39.347 594	20.0	0.4258	9.347 594	6.7 34 205	27.168	76.6	-160.7	16.000	1.8422	49.270	16.75
4C	Gauge	26.870 S	0.56A	0.00	26.826 S	39.347 594	20.0	0.4258	9.347 594	6.7 34 205	27.168	76.3	-160.7	16.000	1.8418	49.270	16.75

Intact Stability according to IMO Weather Criteria



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Link directly to HECSALV Emergency Response Software

Profile and Plan Stranded
 no_25_lc

Section View
 no_25_lc
 Section cut at m-MS
 73.266F
 80.423F
 87.843F
 95.557F
 104.129F
 113.557F

Tide Cycle Entry
 no_25_lc
 Description: 5-7 August 2005
 Interpolation: Sinusoidal (Enter highs and lows)

Tide Cycle (5-7 August 2005)

Description	Day	Time	Height (m)
h2	0	1600	4.000
l2	1	0000	-1.500
h3	1	0800	2.500

