

Wind Limit Report

Berth: Demo Terminal

North Berth [test] 120°

Vessel: Flex Polaris [test] 7654321

Port Side, Fully laden, MEG 4

Water/Tide Level: 1.00 m from LAT (vertical datum)

Controlled Depth: 11.7 m (below vertical datum)

Draught: 12.10 m Trim: 0.00 m UKC: 0.60 m

Water Depth/Draught: 1.05

Hull Current Coefficients:

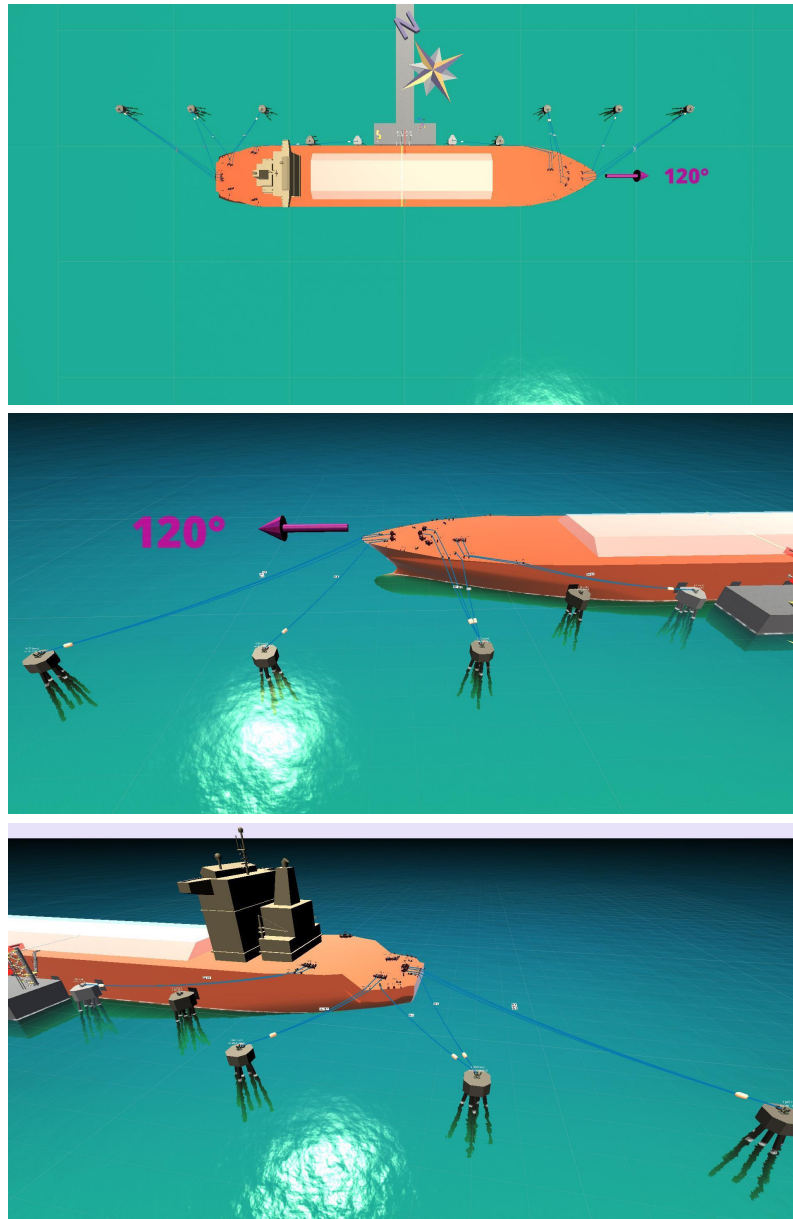
Coefficient Set: MEG4 LNG Carrier 1.05

Hull Wind Coefficients:

Coefficient Set: MEG4 SIGTTO 2007

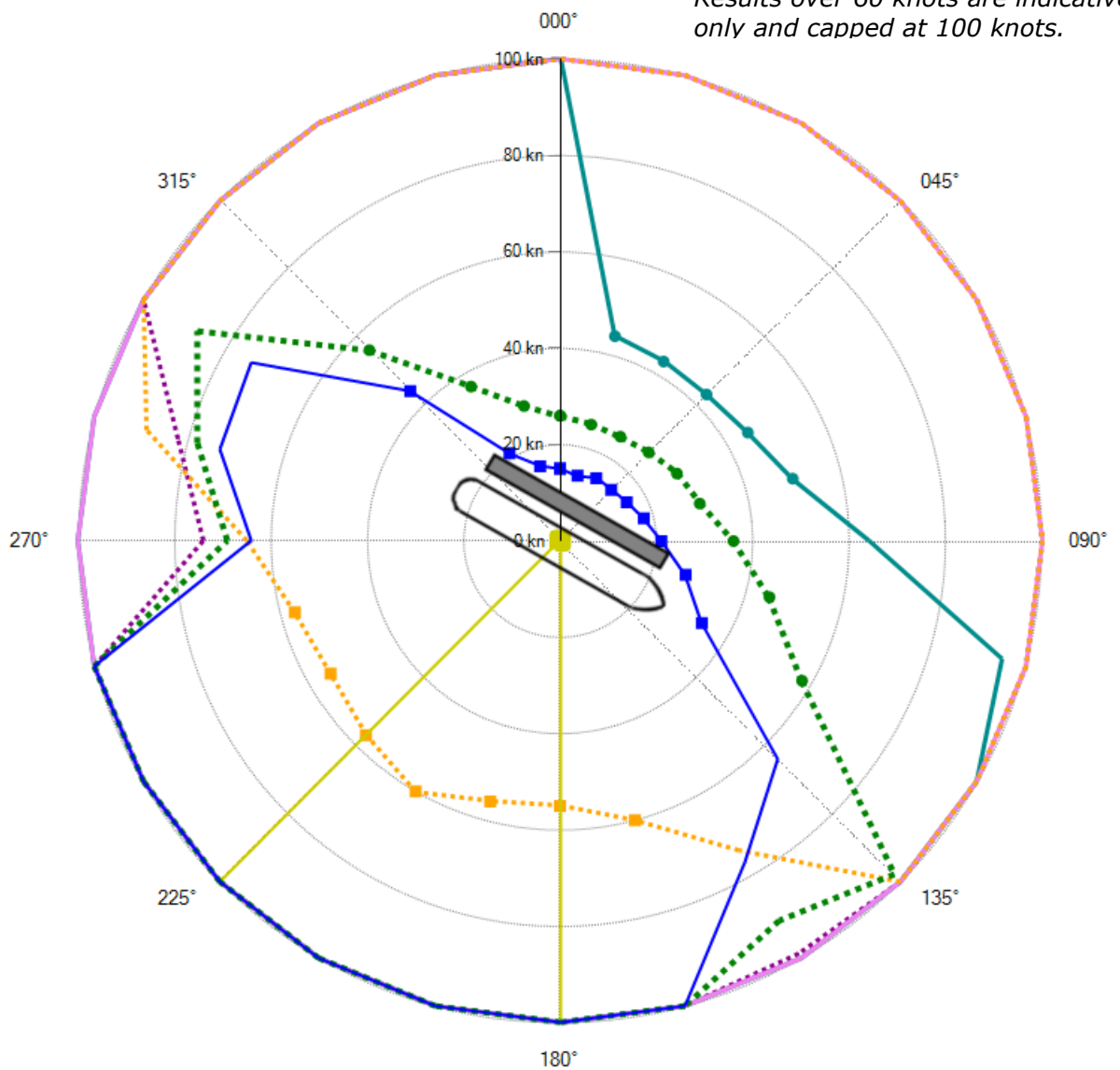
Current: 1.5 knot(s) 180°N (to)

Selected mooring configuration:



	Head Lines	Fwd Lines		Aft Lines		Stern Lines	Total Lines	Capacity
		Breast	Spring	Spring	Breast			
Selected Configuration	4	3	2	2	3	4	18	
Terminal Requirement	4	3	2	2	3	4	18	<= 217000 m3

Results over 60 knots are indicative only and capped at 100 knots.

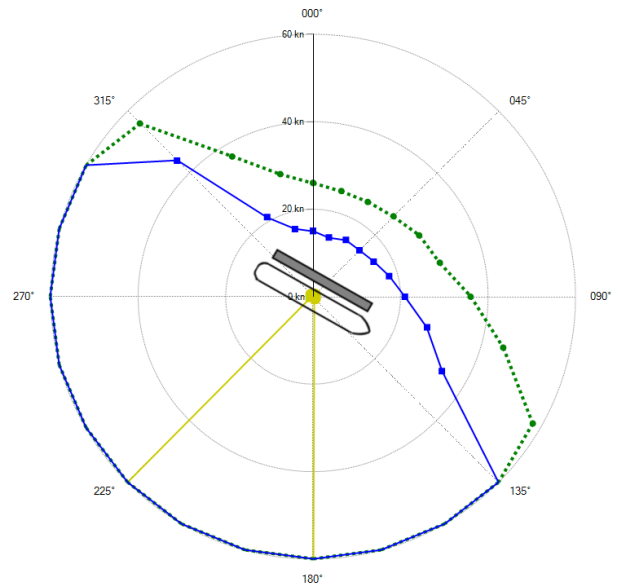
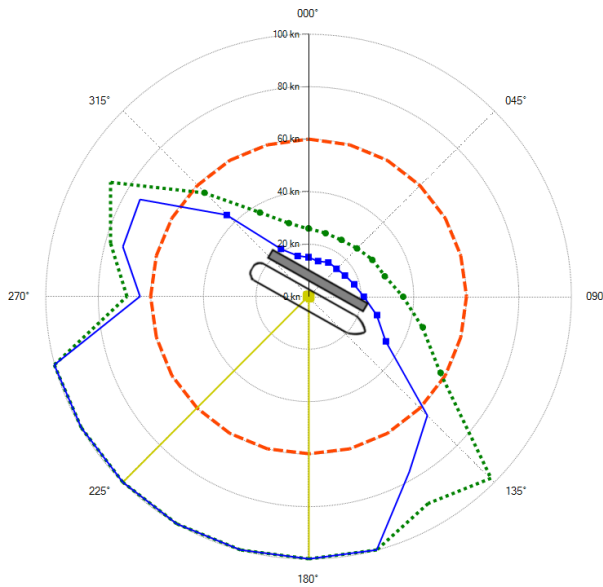


Max. wind for:

- | | | | |
|--|-----------------------------------|--|---------------------|
| | Synthetic Lines (50%) | | Brake Slip (60%) |
| | mooring lines tension of 20% LDBF | | Max fender pressure |
| | 100% SWL Hooks | | Max allowed sway |
| | Max allowed surge | | |

MOORING LINES

Results over 60 knots are indicative only and capped at 100 knots.



Max. wind for:

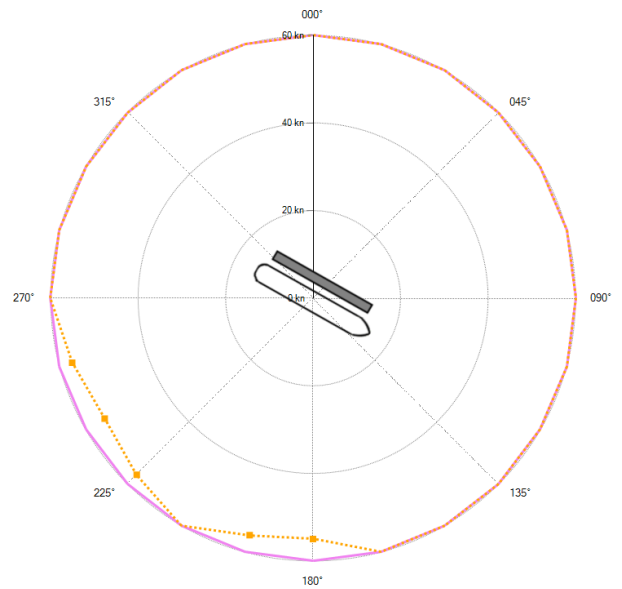
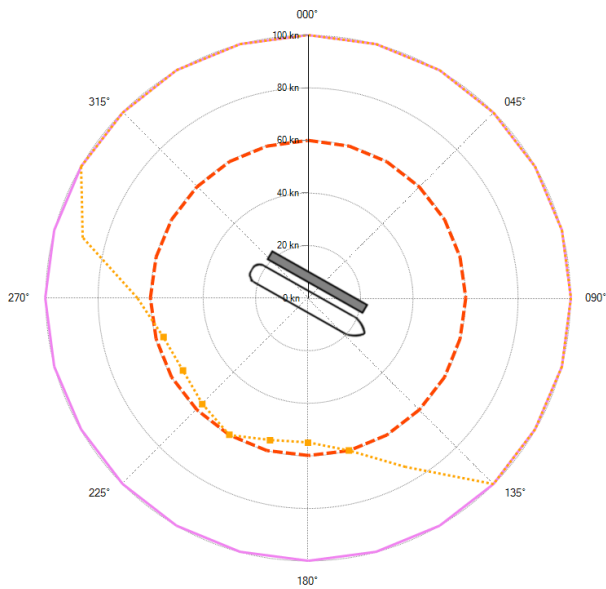
— Synthetic Lines
(50%)

- - - Brake Slip (60%)

— mooring lines
tension of 20%
LDBF

FENDERS AND HOOKS

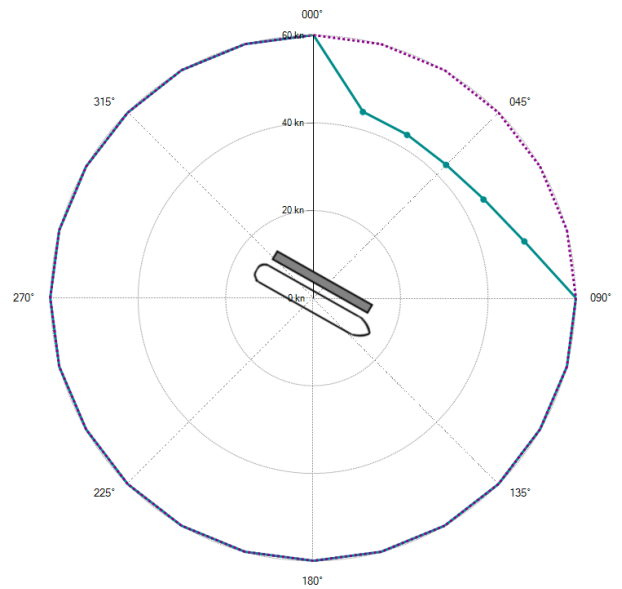
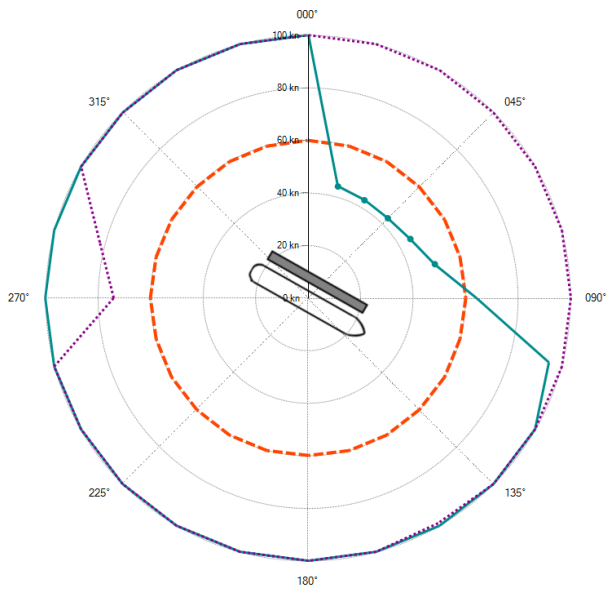
Results over 60 knots are indicative only and capped at 100 knots.



- Max. wind for 100% SWL Hooks/Bollards
- - - Max. wind for maximum fender pressure

SWAY AND SURGE

Results over 60 knots are indicative only and capped at 100 knots.



- Max. wind for maximum allowed sway
- - - Max. wind for maximum allowed surge

ANNEX: Tabular Data

Results over 60 knots are indicative only and capped at 100 knots.

Wind Direction from True N	Wind Speed (knots) resulting in:						
	Synthetic Lines (50%)	Brake Slip (60%)	20% LDBF	100% Max Fender Pressure	100% Hook SWL	Max Surge	Max Sway
000°	15	26	1	100	100	100	100
015°	14	25	1	100	100	100	44
030°	15	25	1	100	100	100	43
045°	15	26	1	100	100	100	43
060°	16	28	1	100	100	100	45
075°	18	30	1	100	100	100	50
090°	21	36	1	100	100	100	64
105°	27	45	1	100	100	100	95
120°	34	58	1	100	100	100	100
135°	64	98	1	100	100	100	100
150°	77	91	1	74	100	99	100
165°	100	100	1	60	100	100	100
180°	100	100	100	55	100	100	100
195°	100	100	100	56	100	100	100
210°	100	100	100	60	100	100	100
225°	100	100	100	57	100	100	100
240°	100	100	1	55	100	100	100
255°	100	100	1	57	100	100	100
270°	64	69	1	65	100	74	100
285°	73	78	1	89	100	82	100
300°	74	87	1	100	100	100	100
315°	44	56	1	100	100	100	100
330°	21	37	1	100	100	100	100
345°	16	29	1	100	100	100	100