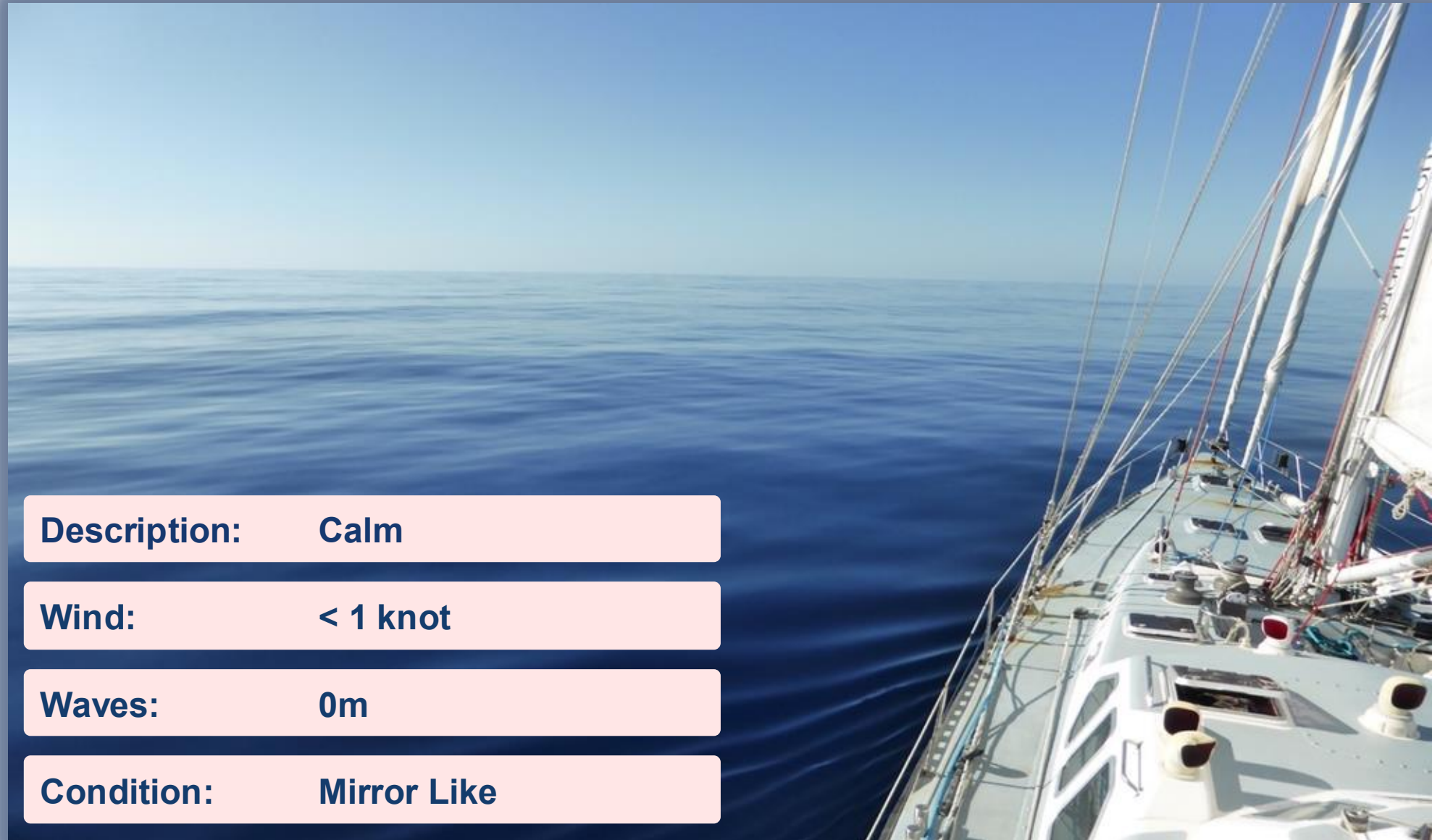


Beaufort Scale

Beaufort	Description	Wind speed (kts)	Wave height (m)	Conditions	Sail	Power Vessel
0	Calm	< 1	0	Mirror like	Drifting	Fast planing
1	Light air	1–3	0 - 0.3	Ripples	Drifting	Fast planing
2	Light breeze	4–6	0.3 - 0.6	Small wavelets	Full main, light headsail	Fast planing
3	Gentle breeze	7–10	0.6 - 1.2	Large wavelets, occasional white caps	Full sail	Fast planing
4	Moderate breeze	11–16	1 - 2	Small waves, frequent white caps	Reefed headsail	Reduce speed to prevent slamming
5	Fresh breeze	17–21	2 - 3	Moderate waves, many white crests	Reefed mainsail	Reduce speed to prevent slamming
6	Strong breeze	22–27	3 - 4	Large waves, white foam crests	Reefed main headsail	Displacement speed
7	Near gale	28–33	4 - 5.5	Breaking waves, foam in streaks	Deep reefed main, stay sail	Displacement speed
8	Gale	34–40	5.5 - 7.5	Moderately high waves, breaking crests	Deep reefed main, storm jib	Displacement speed, stern waves
9	Severe gale	41–47	7 - 10	High waves, visible spray	Trysail, storm jib	Displacement speed, stern waves
10	Storm	48–55	9 - 12.5	Very high waves, long breaking crests	Survival tactics	
11	Violent storm	56–63	11.5 - 16	Exceptionally high seas, continuously breaking waves	Survival tactics	
12	Hurricane Force	≥ 64	≥ 14	Exceptionally high seas, continuously breaking waves	Survival tactics	

Beaufort 0



Description: Calm

Wind: < 1 knot

Waves: 0m

Condition: Mirror Like

Beaufort 1



Description: Light airs

Wind: 1 - 3 knots

Waves: 0 - 0.3 m

Condition: Ripples

Beaufort 2



Description: Light breeze

Wind: 4 - 6 knots

Waves: 0.3 - 0.6 m

Condition: Small wavelets

Beaufort 3



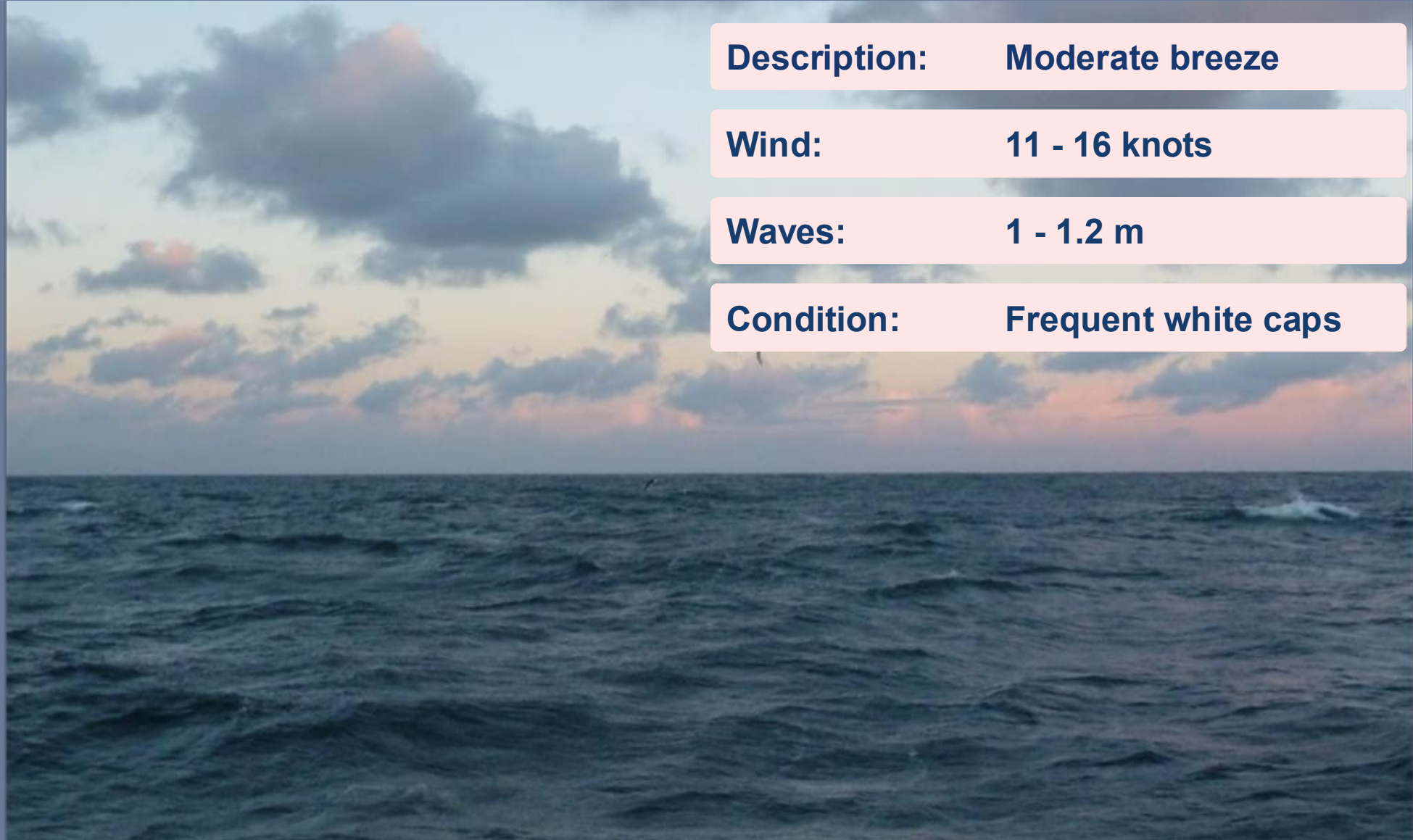
Description: Gentle breeze

Wind: 7 - 10 knots

Waves: 0.6 - 1.2 m

Condition: Occasional white caps

Beaufort 4



Description: Moderate breeze

Wind: 11 - 16 knots

Waves: 1 - 1.2 m

Condition: Frequent white caps

Beaufort 5



Description: Fresh breeze

Wind: 17 - 21 knots

Waves: 2 - 3 m

Condition: Many white caps

Beaufort 6

Description: Strong breeze

Wind: 22 - 27 knots

Waves: 3 - 4 m

Condition: White foam crests



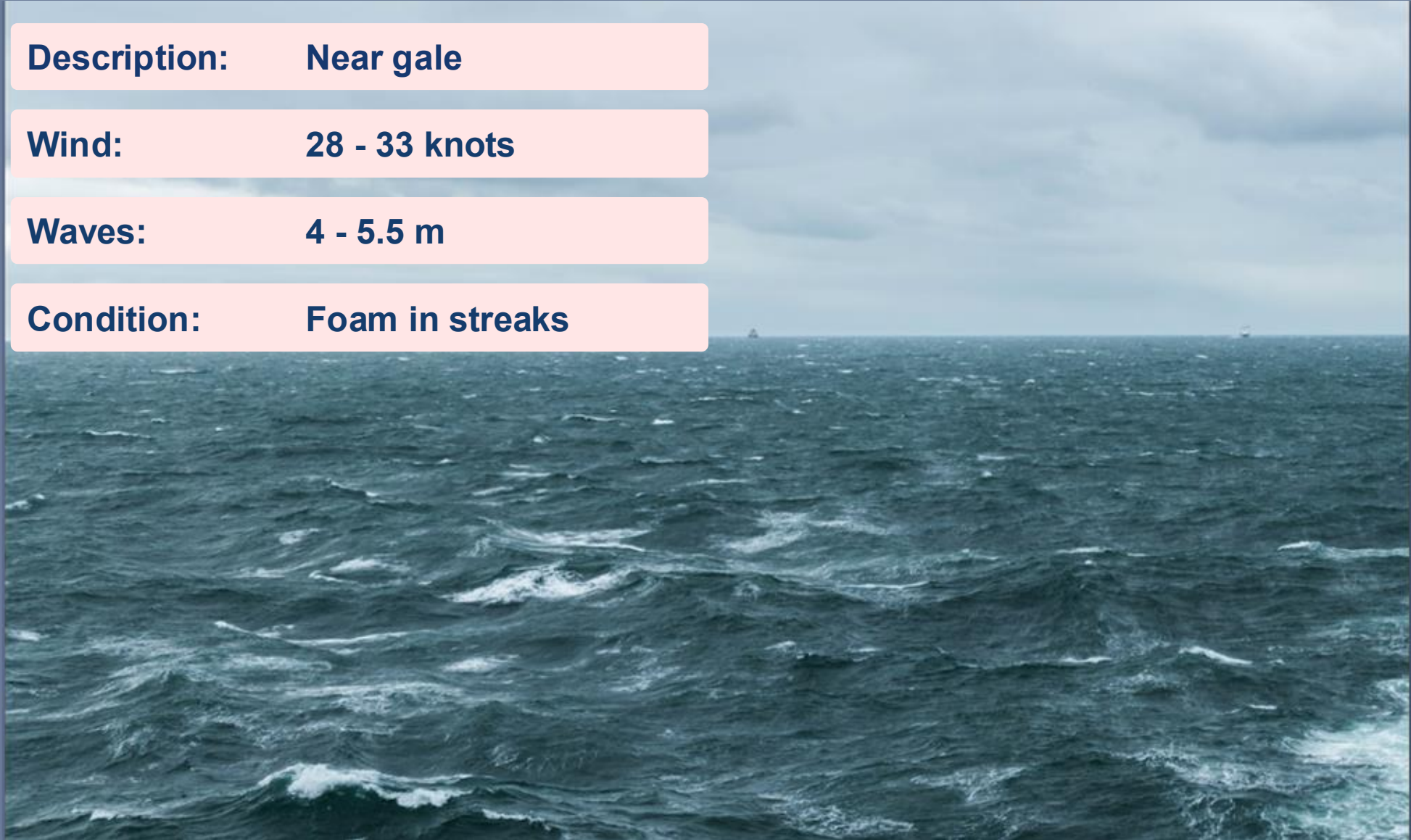
Beaufort 7

Description: Near gale

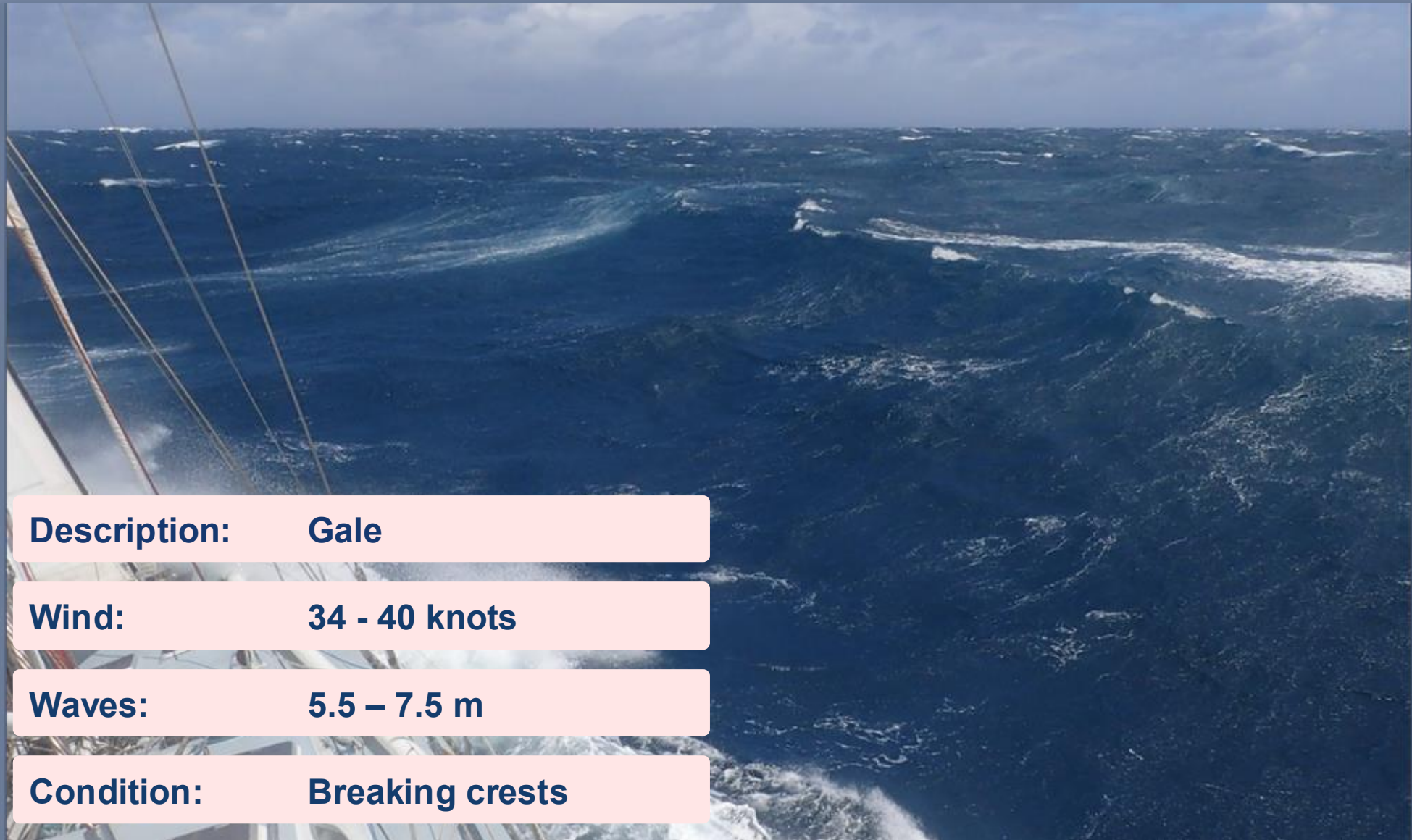
Wind: 28 - 33 knots

Waves: 4 - 5.5 m

Condition: Foam in streaks



Beaufort 8



Description: Gale

Wind: 34 - 40 knots

Waves: 5.5 – 7.5 m

Condition: Breaking crests

Beaufort 9



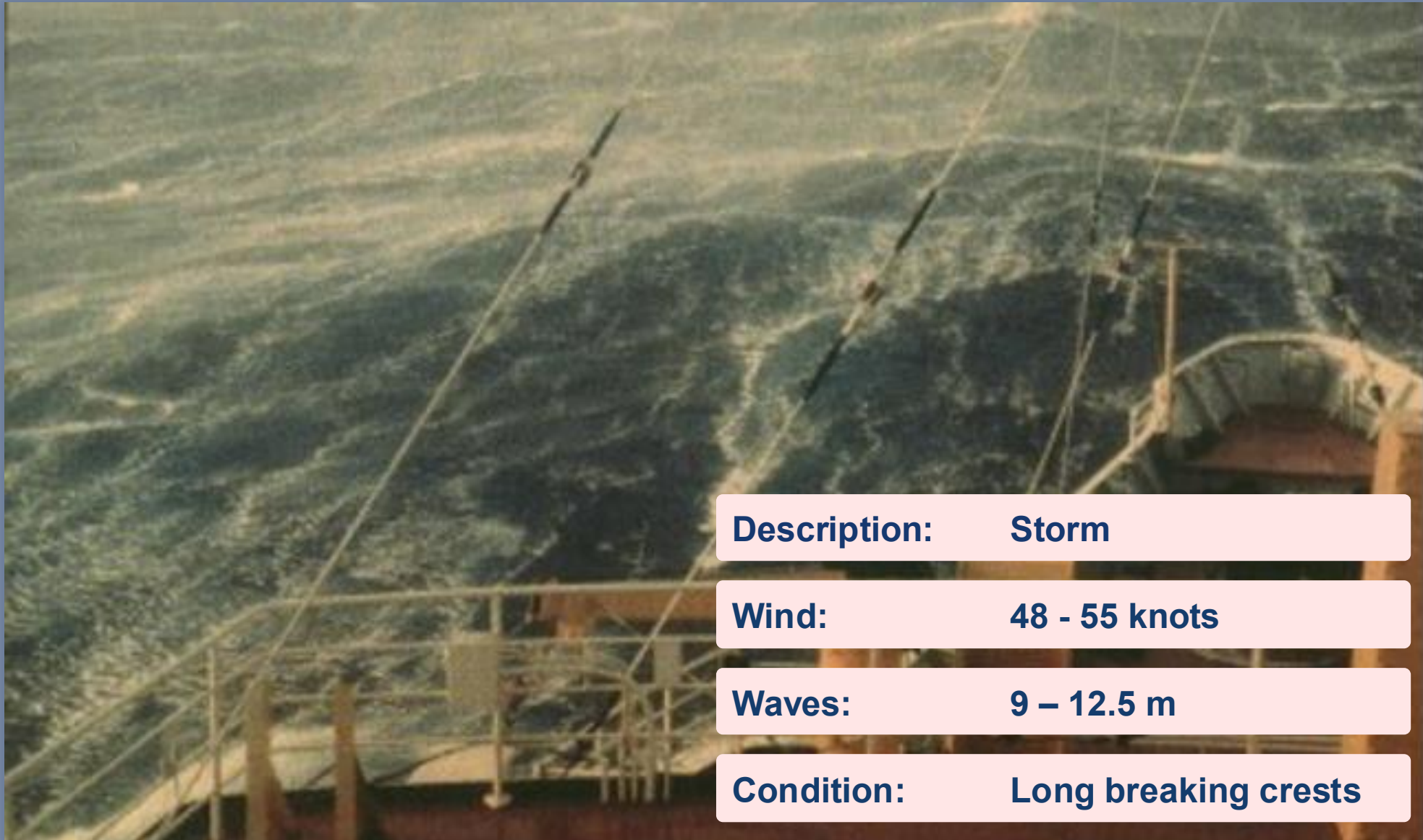
Description: Severe gale

Wind: 41 - 47 knots

Waves: 7 - 10 m

Condition: Visible spray

Beaufort 10



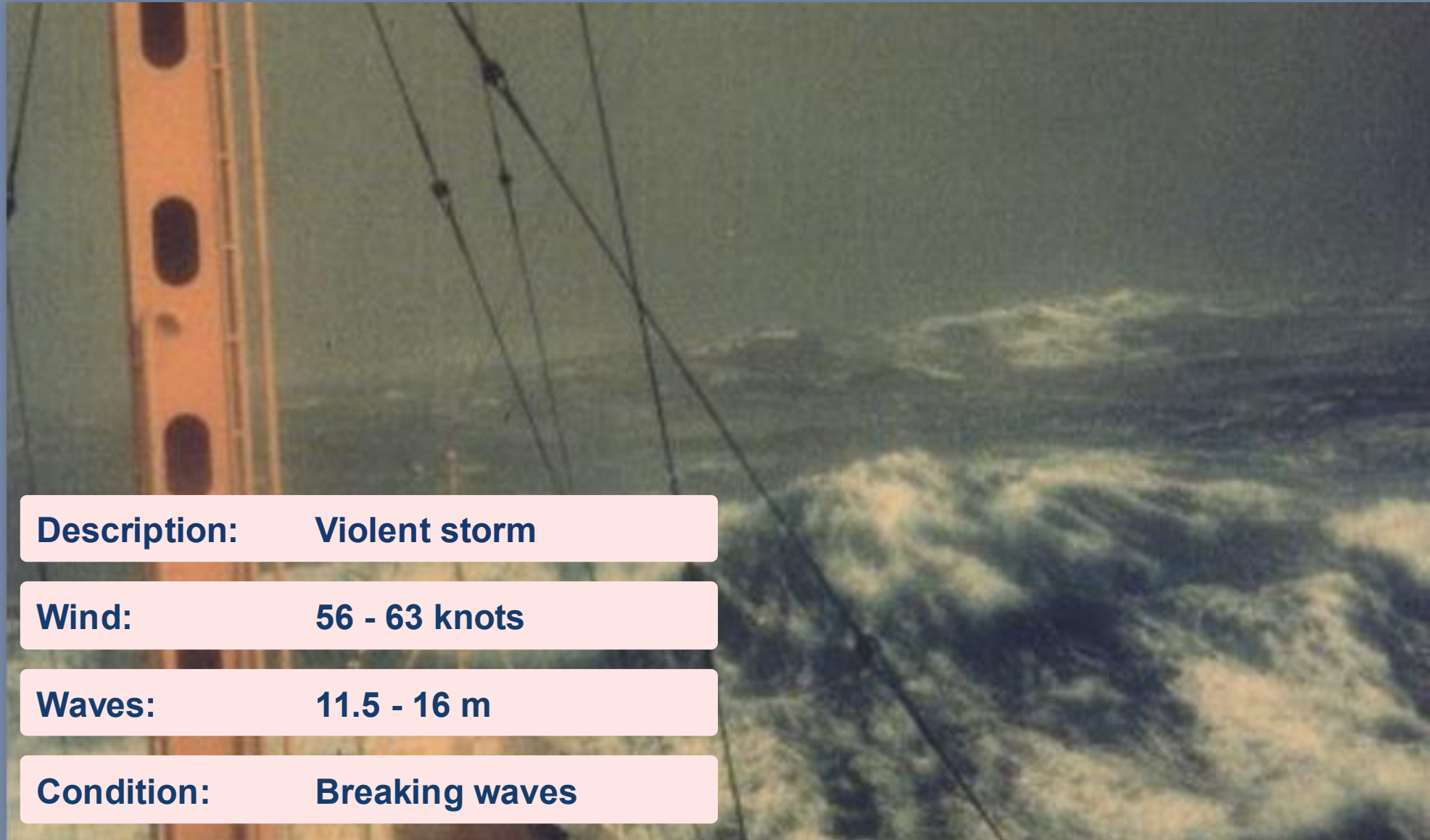
Description: Storm

Wind: 48 - 55 knots

Waves: 9 – 12.5 m

Condition: Long breaking crests

Beaufort 11



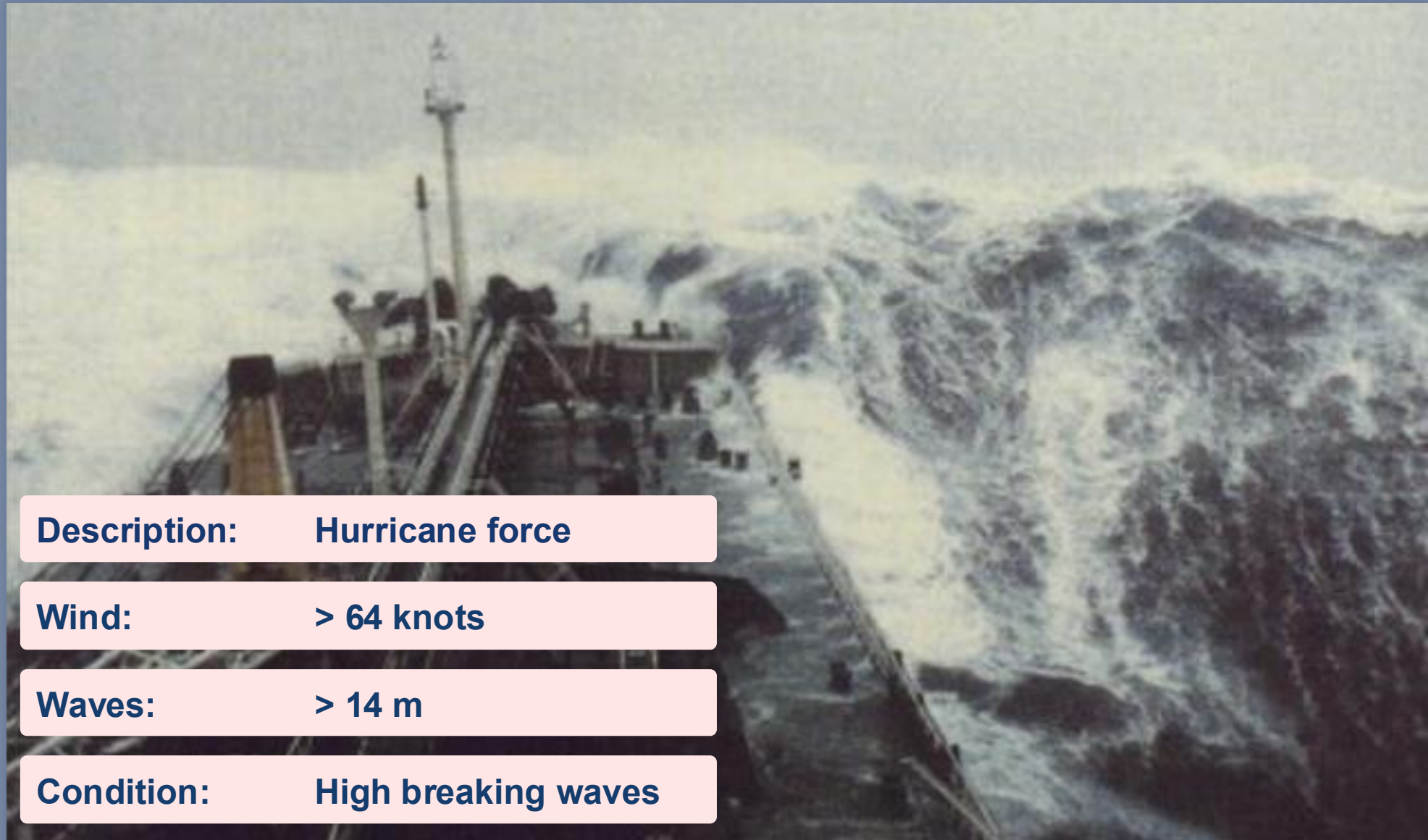
Description: Violent storm

Wind: 56 - 63 knots

Waves: 11.5 - 16 m

Condition: Breaking waves

Beaufort 12



Description: Hurricane force

Wind: > 64 knots

Waves: > 14 m

Condition: High breaking waves