

Ref A: POLAR STAR WX OBSERVATION 25 FEB 2020 / 00Z

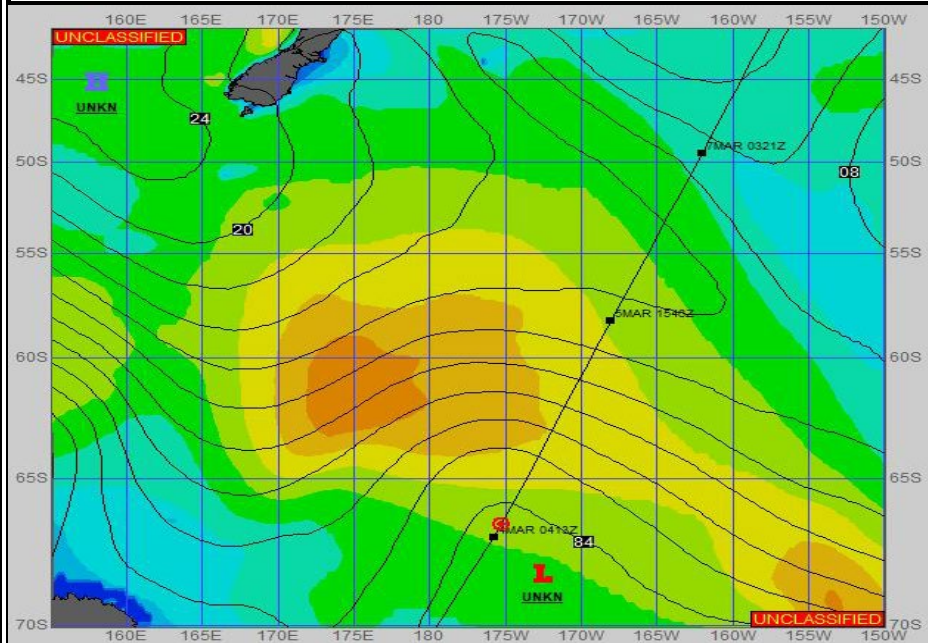
Ref B:

SURFACE ANALYSIS

4-Mar-2025

06Z

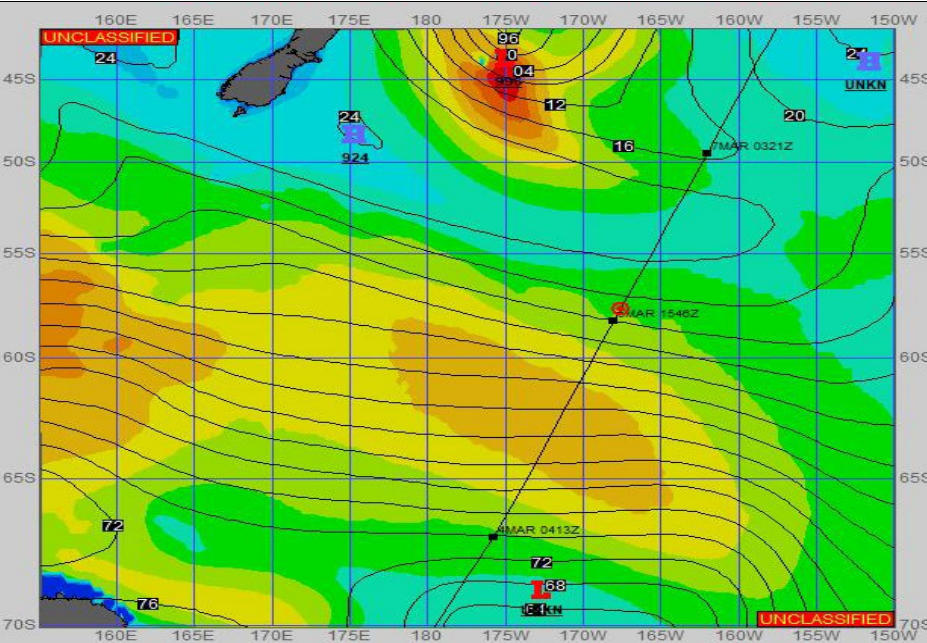
Seas (FT)



SURFACE FORECAST

5-Mar-2025

18Z



METSIT 06Z 4-Mar Current track takes you between a ridge of high pressure to the west and a low pressure trough to the southeast as seen on analysis 04/06z. Through the course of the forecast the ridge of high pressure reorients north of your position with a west-northwest to the southeast orientation as seen on forecast 05/18z. A strong westerly flow in the gradient has built up strong seas, coming from your north, to northwest and the westerly, peaking midway before slowly decreasing. Strong gusty winds with the tight pressure gradient can be expected through the forecast period with a southwesterly switching to northwesterly. A period of rain with some reduction in visibility is expected as the trough passes.

FORECASTER NOTES

Request 6 hourly weather observation reports IAW international ship weather code.
EMAIL to: Rand, Rachel C LCDR USCG CGC POLAR STAR (USA) <Rachel.C.Rand@uscg.mil>

VALID TIME	4-Mar 12Z	4-Mar 18Z	5-Mar 00Z	5-Mar 06Z	5-Mar 12Z	5-Mar 18Z	6-Mar 00Z	6-Mar 06Z
SKY CONDITION	CLOUDY	MOSTLY CLOUDY	MOSTLY CLOUDY	MOSTLY CLOUDY	MOSTLY CLOUDY	CLOUDY	CLOUDY	MOSTLY CLOUDY
WEATHER	FOG	FOG	NONE	RAIN & FOG	RAIN & FOG	RAIN & FOG	NONE	NONE
VISIBILITY (NM)	4 - 6	4 - 6	UNRESTRICTED	2 - 4	3 - 5	4 - 6	UNRESTRICTED	UNRESTRICTED
SFC WINDS (DIR & KTS)	SW-W 15-20 GUST 30	SW 20-25 GUST 30	W 15-20 GUST 25	W-NW 20-25 GUST 35	NW 20-25 GUST 40	NW 20-25 GUST 35	NW 15-20 GUST 35	NW 10-15 GUST 25
SFC MAX/MIN (°C)	5 / 1				8 / 6			
SST RANGE (°C)	5 / 1				9 / 6			
SEAS (DIR & FT)	N 14-16	N 14-16	NW 14-16	W 13-15	W 12-14	W 10-12	NW 10-12	N 8-10
ICE ACCRETION	LIGHT	LIGHT	NIL	NIL	NIL	NIL	NIL	NIL

MCMURDO WEATHER (MCM)

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FORECASTER: Chris Dunstone