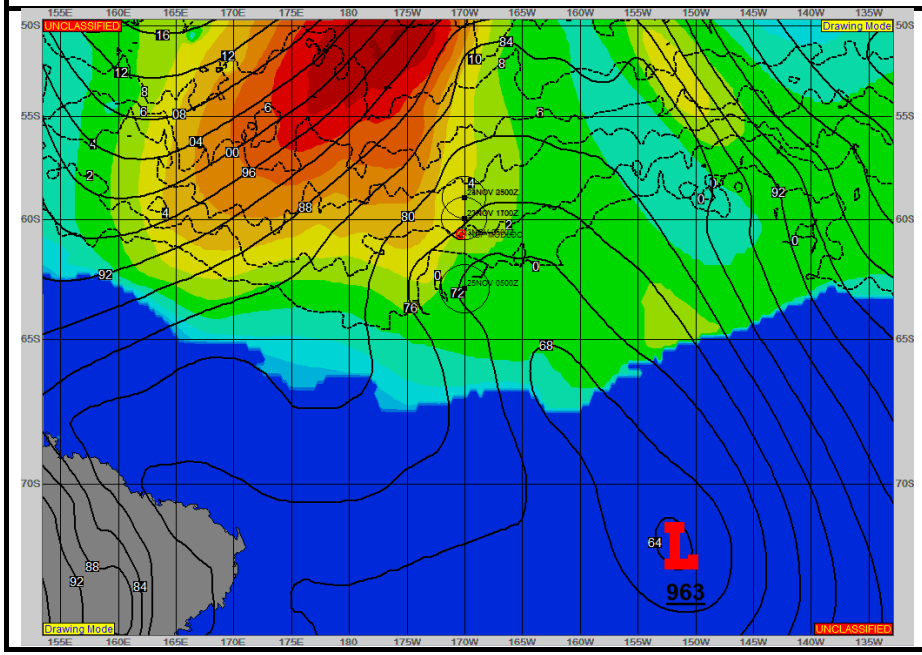
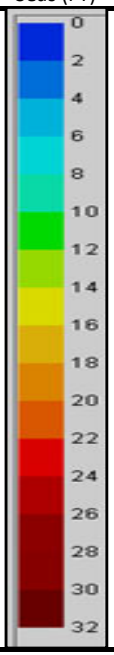
NIWC Polar Programs | **WEAX for RVIB Nathaniel B. Palmer** | **23-Nov-2024 12Z**

Ref A: MOVREP 23 Nov 2024 Revised | **Ref B: SITREP 23 Nov 2024**

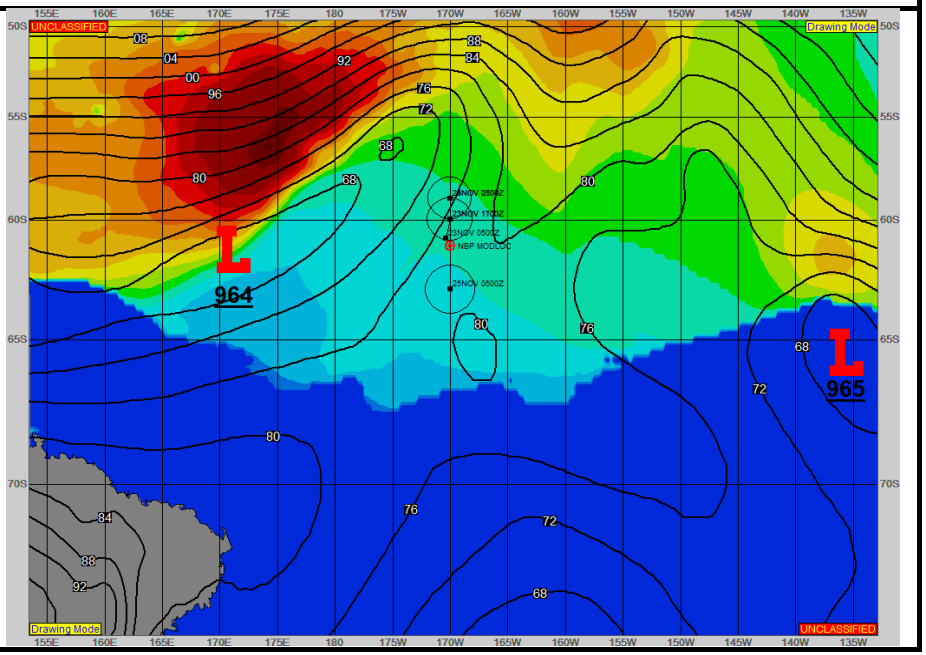
SURFACE ANALYSIS 23-Nov-2024 06Z



Seas (FT)



SURFACE FORECAST 24-Nov-2024 18Z



METSIT 06Z 23-Nov The incoming low and high pressure will cause the pressure gradient in the wave to compress, causing a brief period of elevated winds with 45kt gusts later today. The winds will abate as the weak gradient in between systems progresses over NBP's location. Tomorrow NBP backtracks to a safer location to avoid the incoming series of low pressure centers that emerge from an elongated center. NBP should out of the front's way for the duration of the forecast period and safe from the extreme wind speeds and heavy precipitation associated with the system.

FORECASTER NOTES

VALID TIME	23-Nov 12Z	23-Nov 18Z	24-Nov 00Z	24-Nov 06Z	24-Nov 12Z	24-Nov 18Z	25-Nov 00Z	25-Nov 06Z
SKY CONDITION	CLOUDY	MOSTLY CLOUDY	PARTLY CLOUDY	PARTLY CLOUDY	PARTLY CLOUDY	PARTLY CLOUDY	PARTLY CLOUDY	PARTLY CLOUDY
WEATHER	FOG	SNOW & FOG	FOG	FOG	NONE	NONE	NONE	NONE
VISIBILITY (NM)	2 - 4	2 - 4	3 - 5	4 - 6	UNRESTRICTED	UNRESTRICTED	UNRESTRICTED	UNRESTRICTED
SFC WINDS (DIR & KTS)	SW 20-25 GUST 35	SW 25-30 GUST 45	SW 20-25 GUST 35	SW 10-15 GUST 20	SW 10-15	NE 12-18 GUST 25	NE 10-15 GUST 20	NE 10-15 GUST 20
SFC MAX/MIN (°C)	1/-2				0/-3			
SST RANGE (°C)	3/1				2/-1			
SEAS (DIR & FT)	SWW 15-18	SWW 15-18	SWW 15-18	SWW 12-15	SWW 8-12	W 12-15	W 8-12	NW 8-12
ICE ACCRETION	LIGHT	LIGHT	NIL	NIL	NIL	LIGHT	LIGHT	LIGHT

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