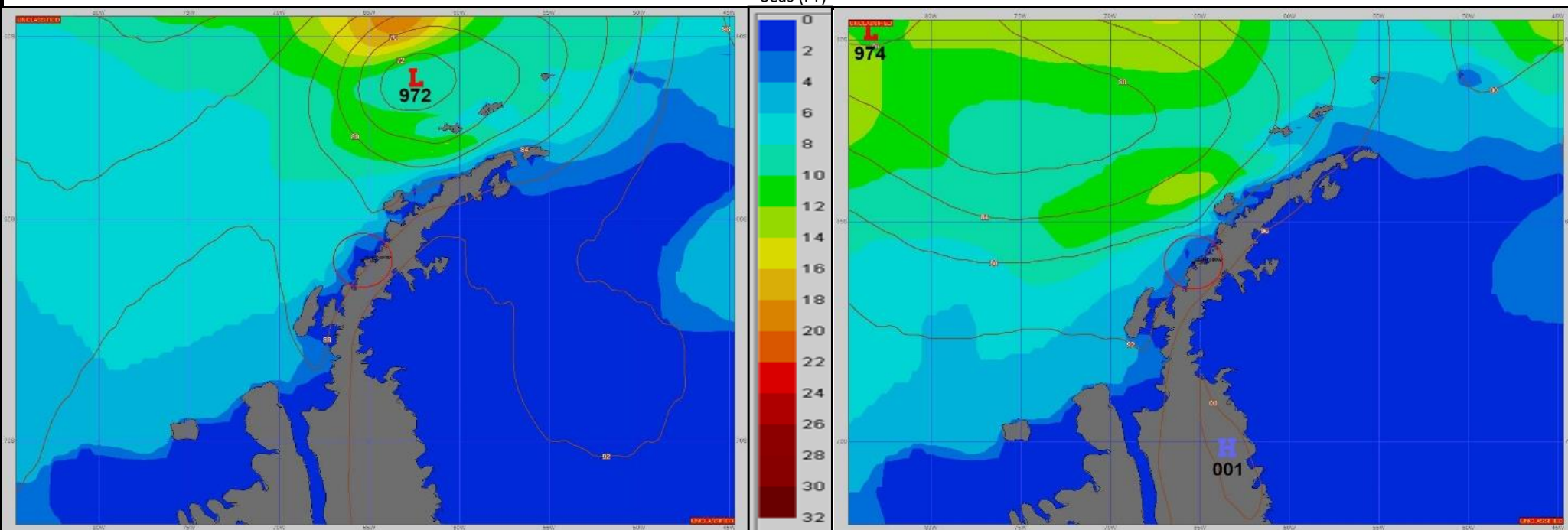


SURFACE ANALYSIS 24-Jan-2024 06Z

SURFACE FORECAST 25-Jan-2024 18Z



METSIT 06Z 24-Jan A 972MB LOW OVER THE BELLINGSHAUSEN SEA IS MAKING ITS WAY TOWARD THE DRAKE PASSAGE AND EXTENDS A TROUGH ALONG THE WEST COAST OF THE ANTARCTIC PENINSULA PRODUCING EXTENSIVE CLOUD COVER FOR THE AREA. EXPECT A GENTLE TO MODERATE BREEZE AND SLIGHT TO GENTLE SEAS WITH PERIODS OF SNOW AND FOG LATE IN THE FORECAST.

FORECASTER NOTES

VALID TIME	24-Jan 12Z	24-Jan 18z	25-Jan 00Z	25-Jan 06Z	25-Jan 12Z	25-Jan 18Z	26-Jan 00Z	26-Jan 06Z
SKY CONDITION	CLOUDY	CLOUDY	MOSTLY CLOUDY	PARTLY CLOUDY	MOSTLY CLOUDY	MOSTLY CLOUDY	CLOUDY	CLOUDY
WEATHER	NONE	NONE	NONE	NONE	NONE	FOG	SNOW & FOG	SNOW & FOG
VISIBILITY (NM)	UNRESTRICTED	UNRESTRICTED	UNRESTRICTED	UNRESTRICTED	UNRESTRICTED	2 - 4	1/2 - 1	<1/2
SFC WINDS (DIR & KTS)	SW 10-15	SW 10-15	SW 5-10	SW 5-10	SW 10-15	SW 10-15	SW 10-15 GUST 20	SW 10-15 GUST 20
SFC MAX/MIN (°C)	-2/-6				0/-6			
SST RANGE (°C)	1/1				2/1			
SEAS (DIR & FT)	SW 0-1	SW 0-1	SW 0-1	SW 0-1	SW 0-2	SW 0-2	SW 1-3	SW 1-3
ICE ACCRETION	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

WEAX for <NAME of Vessel>
WEAX for RVIB Nathaniel B. Palmer
WEAX for ARSV Laurence M. Gould

MOVREP 1-Oct-2022/0122Z
SITREP 2-Oct-2022/2123Z
Sailwx.info 4-Sep-2012/1837Z
Phone con 4-Sep-2012/1837Z

CLEAR
PARTLY CLOUDY
MOSTLY CLOUDY
CLOUDY

NONE	UNRESTRICTED	NIL	FORECASTER: Vincent Weber
FOG	<1/2	LIGHT	FORECASTER: Al Hay
RAIN	1/2 - 1	MODERATE	FORECASTER: Jeff Fournier
RAIN & FOG	1 - 3	HEAVY	FORECASTER: John Meyer
SNOW	2 - 4	EXTREME	FORECASTER: Paul Gulli
SNOW & FOG	3 - 5		FORECASTER: Bob Michael
MIXED	4 - 6		FORECASTER: Joey Snarski
MIXED & FOG			FORECASTER: Mike Johnson
VCNTY RAIN			FORECASTER: Regis Sullivan
VCNTY FOG			
SPRAY			

Operating near islands:	Winds may differ from those forecast due to funneling/sheltering effects
Arrives Winter Quarters Bay or Punta Arena:	This is my final forecast unless otherwise required. Timely observations are required.
USCG	Request 6 hourly weather observation reports IAW international standards
MSC	Request 6 hourly weather observation reports IAW COMSCINST 31
Passed to NMFC	Request NMFC acknowledge. This is my final forecast unless otherwise required.
Remarks	To assist with ship tracking and ensure the most accurate forecast possible. Note that WEAX now being produced by Charleston, SC ROF

wise required. Timely observations received from your ship greatly appreciated. Next forecast will be issued by I

Naval Maritime Forecast Center (NMFC).

WEAX WORKSHEET

DATE	ZULU	SKY	WX	SF	WINDS	TEMP	SST	SEAS	ICING
24-Jan	1200	37	0.0	44	015 07	-0.8	-0.3	E 10-13	NIL
	1500								
	1800	100	0.2	21	085 07	-6.5	-1.0	NE 2-3	NIL
	2100								
25-Jan	0000	100	0.8	3	122 09	-7.4	-1.3	NE 3-4	NIL
	0300								
	0600	71	0.0	2.5	090 14	-7.0	-0.9	E 1-2	NIL
	0900								
	1200	98	1.4	27	130 13 G 34	-13.0	-0.6	W 4	X
	1500								
	1800	90	0.1	1	110 13 G 20	-11.8	-0.5	W 2	M
	2100								
26-Jan	0000	82	0.0	4	120 07 G 13	-9.4	-0.5	W 2	L
	0300								
	0600	89	0.1	7	180 03 G 08	-8.6	-0.6	W 2	L
	0900								
	1200	77	0.1	18	180 02 G 06	-9.8	-0.6	W 2	L

WEAX Ranges

<u>Winds</u>	<u>Seas</u>	<u>Ice Accretion</u>
5 kts < 35 kts	2 ft hgts < 9 ft	LGT < 0.3in/hr
10 kts > 35 kts	3 ft hgts 9 - 12ft	MDT 0.3 - 0.8in/hr
	4 ft hgts 13 - 20ft	HVY 0.8 - 1.6in/hr

6 ft hgts > 20ft

XTRM > 1.6in/hr