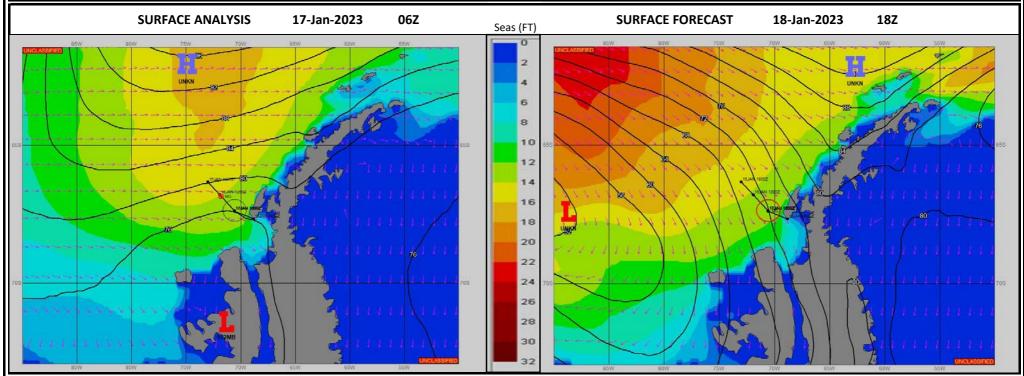
Ref A: SITREP 16 JAN 2023 Ref B:



**METSIT 06Z** 

972MB LOW NEAR 71.5S 071.5W OVER ALEXANDER ISLAND CONTINUES CONTINUES TO FILL. EXPECT IMPROVEMENT IN CONDITIONS THROUGH 17/1800Z WITH THE TRANSIENT RIDGE OF HIGH PRESSURE. CONDITIONS LIKELY TO DETERIORATE RAPIDLY WITH WINDS INCREASING TO NORTHEAST AT 25-45 KNOTS BY 17/2100Z AS A VIGOROUS, FAST-MOVING FRONTAL BOUNDARY APPROACHES OFF DEEPENING LOW PRESSURE MOVING EAST-SOUTHEAST INTO THE BELLINGSHAUSEN SEA. EXPECT FRONTAL PASSAGE APPROXIMATELY 18/0000Z THROUGH 18/0300Z WITH WINDS FROM THE NORTHEAST PEAKING IN THE 65 KNOT RANGE. NORTHWEST FLOW AROUND THE LOW PRESSURE RE-ESTABLISHES FROM APPROXIMATELY 18/1200Z AT 25-35 KNOTS WITH PERIODIC REDUCTION IN VISIBILITY IN RAIN, RAIN/SNOW MIXED, AND FOG...

**FORECASTER NOTES** 

17-Jan

WINDS MAY DIFFER FROM THOSE FORECAST DUE TO FUNNELING/SHELTERING EFFECTS OF ISLANDS.

| VALID TIME            | 17-Jan 12Z                                 | 17-Jan 18Z   | 18-Jan 00Z  | 18-Jan 06Z | 18-Jan 12Z                                     | 18-Jan 18Z  | 19-Jan 00Z  | 19-Jan 06Z  |
|-----------------------|--|--------------|-------------|------------|--|-------------|-------------|-------------|
| SKY CONDITION         | CLOUDY                                     | CLOUDY       | CLOUDY      | CLOUDY     | CLOUDY   | CLOUDY      | CLOUDY      | CLOUDY      |
| WEATHER               | NONE                                       | NONE         | MIXED & FOG | RAIN & FOG | RAIN & FOG                                     | MIXED & FOG | MIXED & FOG | MIXED & FOG |
| VISIBILITY (NM)       | UNRESTRICTED                               | UNRESTRICTED | 1 - 3       | 1/2 - 1    | 3 - 5  | 2 - 4       | 2 - 4       | 2 - 4       |
| SFC WINDS (DIR & KTS) | WNW 20-25                                  | NW 15-20     | NE 40-50    | NE 30-40   | NW 20-25                                       | NW 20-25    | NW 20-25    | NW 20-25    |
|                       | GUST 30                                    | GUST 25      | GUST 65     | GUST 55    | GUST 30  | GUST 35     | GUST 30     | GUST 35     |
| SFC MAX/MIN (°C)      | 3/0  |              |             |            | 3/0  |             |             |             |
| SST RANGE (°C)        | 1/0  |              |             |            | 1/0  |             |             |             |
| SEAS (DIR & FT)       | NW 11-14                                   | NW 9-12      | N 10-13     | N 11-15    | NW 9-12  | NW 10-13    | NW 11-15    | NW 11-15    |
| ICE ACCRETION         | NIL  | NIL          | NIL         | NIL        | NIL  | NIL         | NIL         | NIL         |
| CHARLESTON ROF        | COMM: 720.568.2664 IRIDIUM: 8816.763.15163 |              |             |            | EMAIL: weather.chs@usap.gov FORECASTER: Al Hay |             |             |             |