

Ref A: SITREP 20-FEB-2025/0230Z

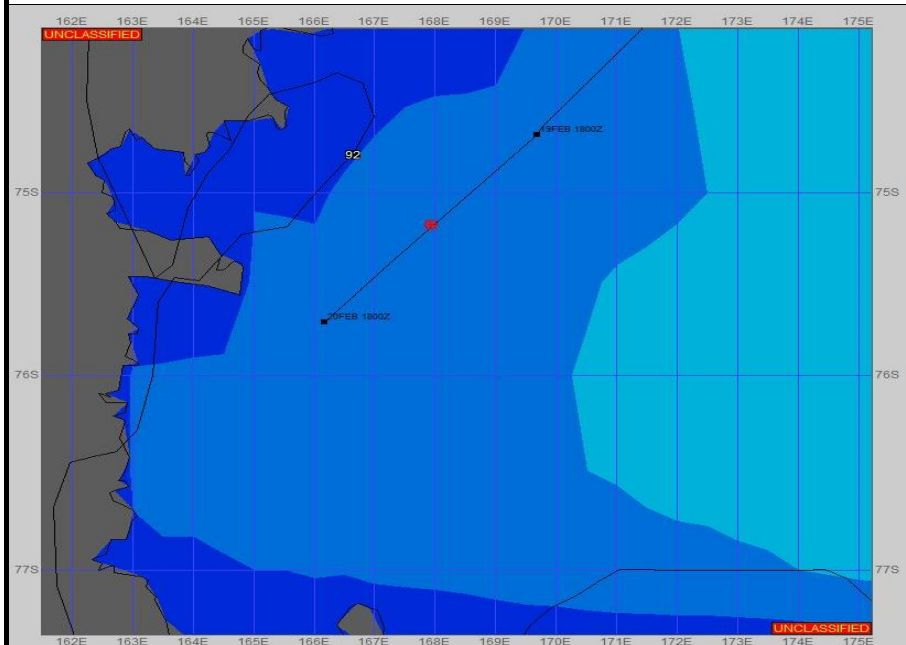
Ref B: SITREP 19-FEB-2025/2200Z

## SURFACE ANALYSIS

20-Feb-2025

06Z

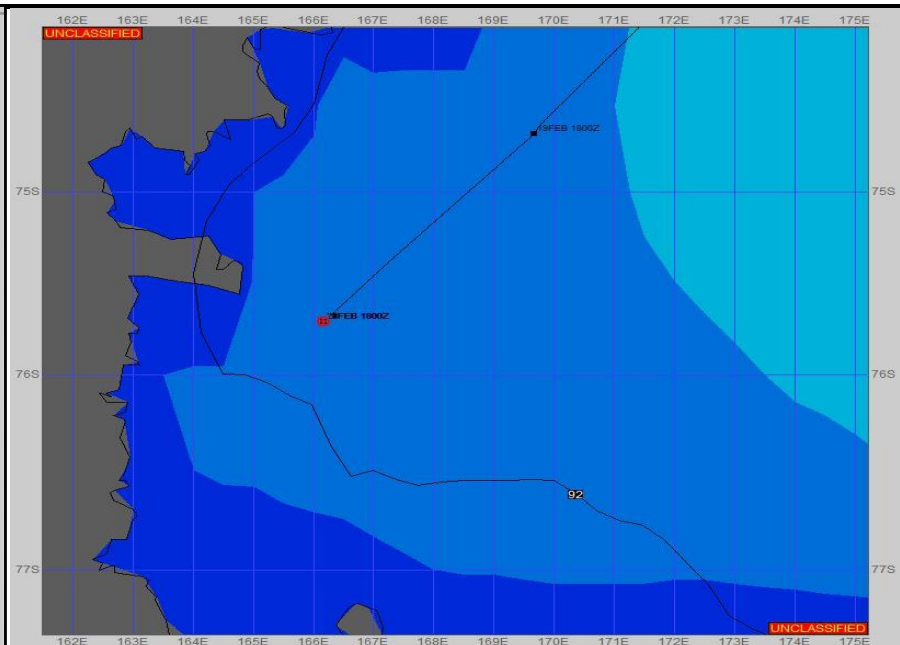
Seas (FT)



## SURFACE FORECAST

21-Feb-2025

18Z



**METSIT 06Z 20-Feb** Ridging north of DIT is drawing low-level moisture towards route, causing light snow and patchy sea fog. To the south of destination, a mesoscale low support weak glacial outflows from DIT. These features together cause a convergence zone that is expected to continue cloudy skies, occasional light snow and fog, and gusty winds for the next 48 hours.

## FORECASTER NOTES

MCMURDO STATION WINTER OPERATIONS ARE NOW IN EFFECT. WEAX SUPPORT WILL BE DONE BY THE MCMURDO STATION WEATHER OFFICE AND ISSUED BY 1200Z. SEE CONTACT INFO BELOW. **\*PLEASE PROVIDE WIND/WX OBSERVATIONS EVERY 6-8 HOURS to MCM WX via E-mail IF POSSIBLE\***

| VALID TIME            | 20-Feb 12Z    | 20-Feb 18Z         | 21-Feb 00Z   | 21-Feb 06Z         | 21-Feb 12Z | 21-Feb 18Z          | 22-Feb 00Z          | 22-Feb 06Z          |
|-----------------------|---------------|--------------------|--------------|--------------------|------------|---------------------|---------------------|---------------------|
| SKY CONDITION         | MOSTLY CLOUDY | CLOUDY             | CLOUDY       | CLOUDY             | CLOUDY     | CLOUDY              | CLOUDY              | CLOUDY              |
| WEATHER               |               | SNOW & FOG         | NONE         | SNOW & FOG         | SNOW & FOG | SNOW & FOG          | SNOW                | SNOW                |
| VISIBILITY (NM)       | UNRESTRICTED  | 1 - 3              | UNRESTRICTED | 2 - 4              | 1 - 3      | 1/2 - 1             | 2 - 4               | 3 - 5               |
| SFC WINDS (DIR & KTS) | SW 7-12       | W 10-15<br>GUST 20 | W 7-12       | SE 15-20<br>GUST30 | SE 15-20   | SE 15-20<br>GUST 25 | SE 15-20<br>GUST 30 | SE 15-20<br>GUST 25 |
| SFC MAX/MIN (°C)      | -5/-7         |                    |              |                    | -5 / -7    |                     |                     |                     |
| SST RANGE (°C)        | -1/-1         |                    |              |                    | -1/-1      |                     |                     |                     |
| SEAS (DIR & FT)       | SE 2-3        | E 2-3              | E 1-3        | E 1-3              | SE 1-3     | SE 1-3              | SE 2-3              | SE 1-3              |
| ICE ACCRETION         | LIGHT         | LIGHT              | LIGHT        | LIGHT              | LIGHT      | LIGHT               | LIGHT               | LIGHT               |

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