



*International Civil Aviation Organization*

**NINETEENTH MEETING OF THE METEOROLOGY SUB-GROUP  
(MET SG/19) OF APANPIRG**

Bangkok, Thailand, 3 – 6 August 2015

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**Agenda Item 6: Research, development and implementation issues in the MET field**

6.3) Forecasts, advisories and warnings

**DARWIN TCAC BOUNDARY CHANGE**

(Presented by Australia)

**SUMMARY**

This paper presents information on the changes to the area of responsibility of the Darwin Tropical Cyclone Advisory Centre (TCAC).

**1. INTRODUCTION**

1.1 The Australian Bureau of Meteorology operates the Darwin Tropical Cyclone Advisory Centre (TCAC) which is determined by ICAO through regional air navigation agreement. The Darwin TCAC is operated by offices located in Perth, Darwin and Brisbane.

**2. DISCUSSION**

2.1 Recent changes to the southern boundary of the Darwin TCAC area of responsibility have been made. Approval for the change was sought through the Bureau of Meteorology, the Australian Tripartite (Department of Infrastructure and Regional Development, Civil Aviation Safety Authority and Airservices Australia) and the ICAO Asia/Pacific Regional Office.

2.2 The old area of responsibility for Darwin TCAC was bounded by 0 - 36°S / 90 - 141°E and 0 - 40°S / 141 - 160°E with part of the southern boundary following the Australian coastline) as shown in Figure 1. Given that the Reunion and Nadi TCACs both have the southern boundary of their TCACs at 40°S it was agreed to change the southern boundary of Darwin TCAC to align with the neighbouring TCAC boundaries.

2.3 The new area of responsibility for Darwin TCAC is bounded by 0 - 40°S / 90 - 160°E and is also shown in Figure 1. This realignment of the southern TCAC boundary will simplify maps and digital coordinates for the area of responsibility.

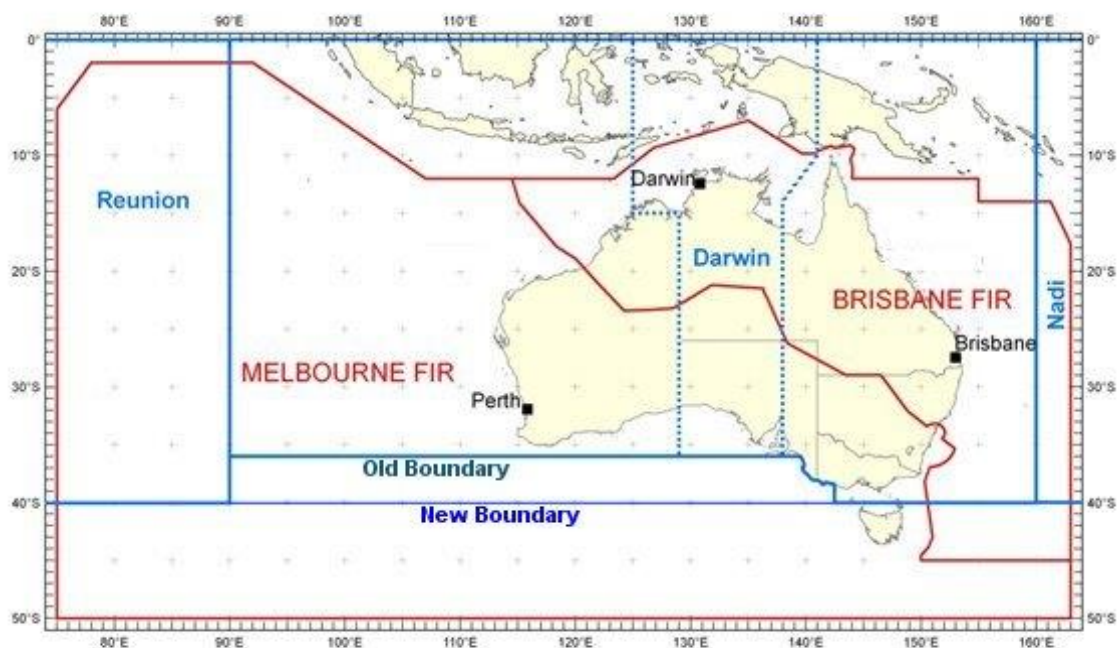


Figure 1 – Darwin TCAC Area of Responsibility – Old and New

### 3. RECOMMENDATION

3.1 It is recommended that the METSG/19 adopts the following draft Conclusion:

#### **Draft Conclusion 19/x – Darwin TCAC Boundary**

That:

- a) the ICAO Secretariat ensure that all relevant documents are updated with the new Darwin TCAC area of responsibility; and
- b) States ensure all procedural documents are updated with the boundary information for Darwin TCAC.

### 4. ACTION BY THE MEETING

4.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) discuss any relevant matters as appropriate; and
- c) Adopt the conclusion in paragraph 3.1

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