



Australian Government
Bureau of Meteorology

Aviation Weather Services

New Zealand Aviation MET Symposium *- Australian Perspectives -*

Presented by

Gordon Jackson

National Manager Aviation Meteorological Service



Australian Government
Bureau of Meteorology

Agenda

- Structure
- Industry Interaction
- Development processes
- Australia / NZ collaboration



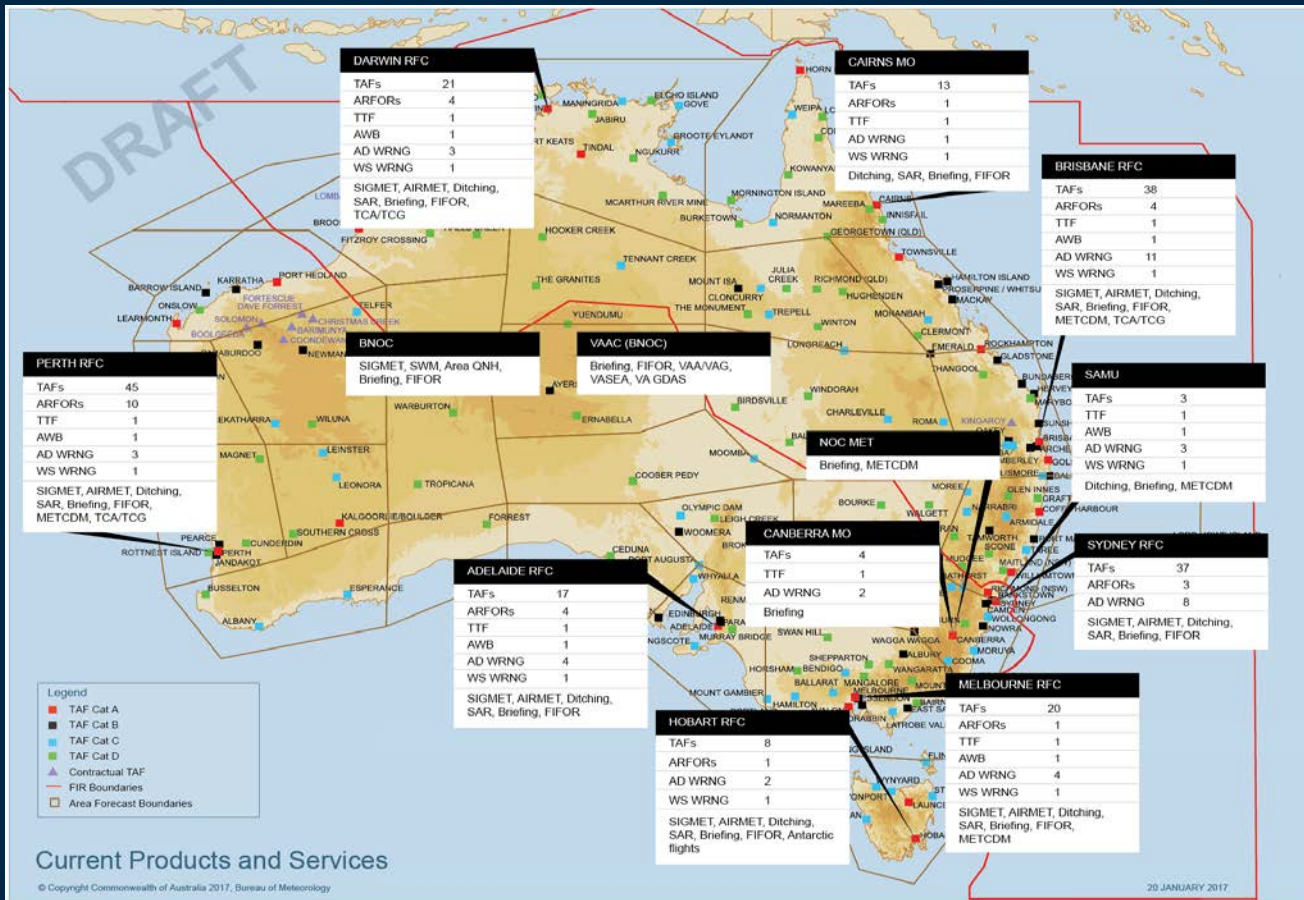
Australian Government
Bureau of Meteorology

Structure



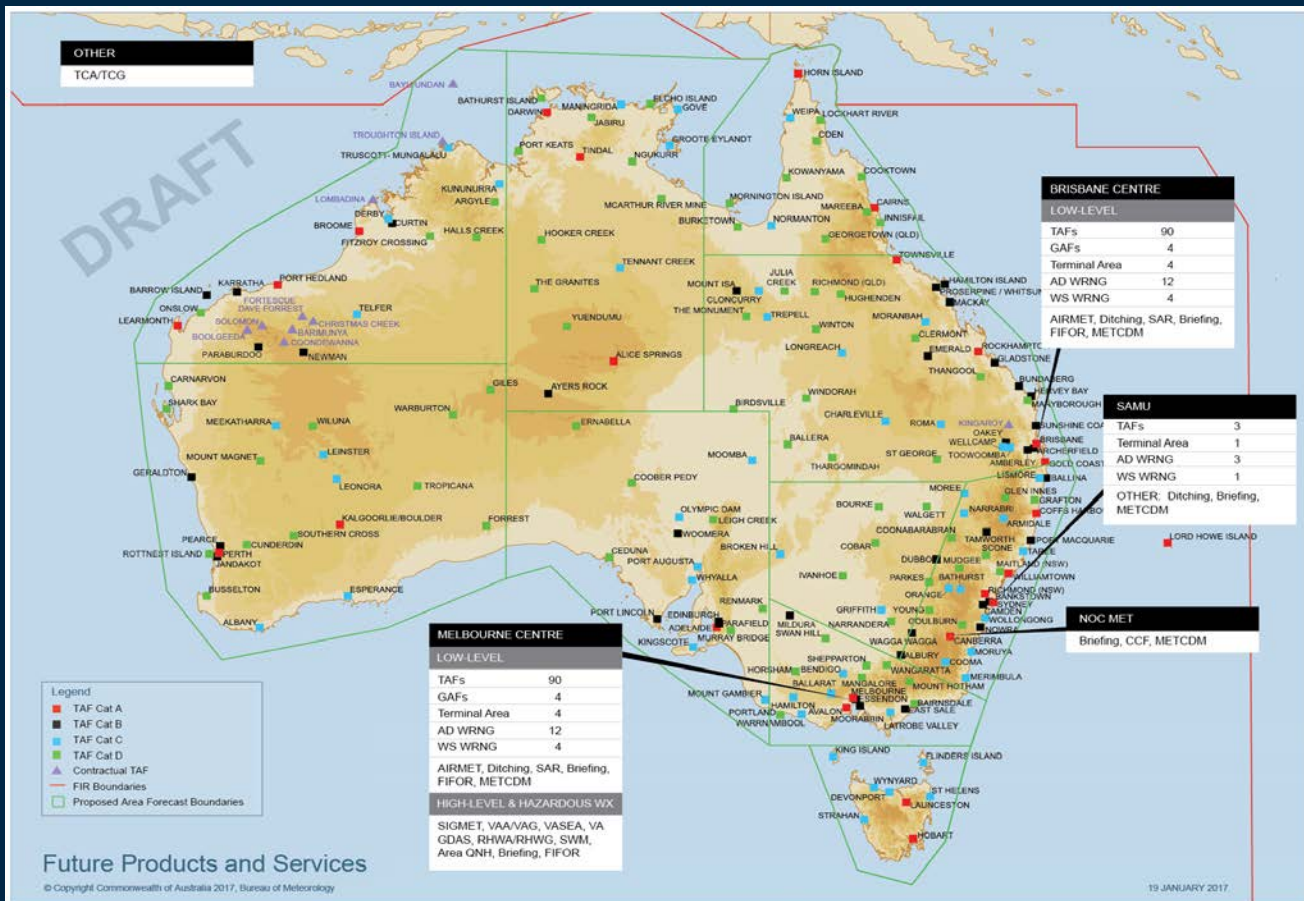


Current Structure



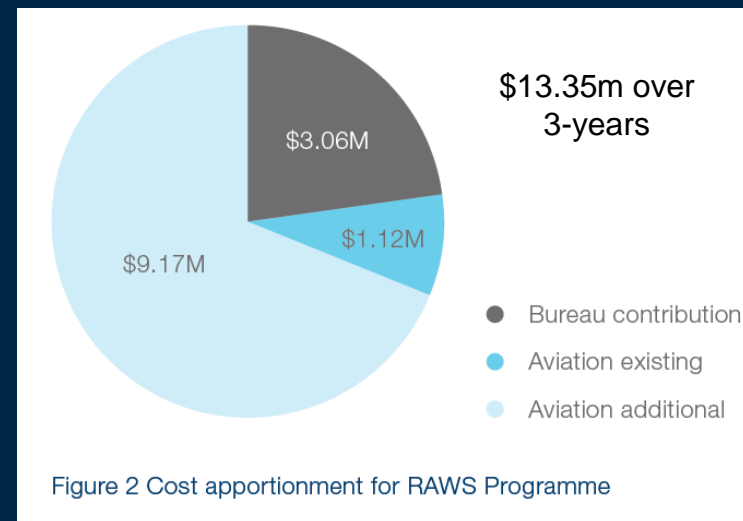


Restructure of Aviation Weather Services (RAWS)



RAWS Status

- Consultation drafts of the Business Case released to all key stakeholders; feedback considered and incorporated into the final Business Case.
- Formal consultative process with staff and unions
- Bureau Executive has approved Business Case
- All staff briefings conducted.
- Programme execution commenced in July 2017.



RAWS Deliverables Stage 1 (Jul - Nov 17)

- Approval of high-level Programme Management Plan.
- Concept of Operations (ConOps) drafted.
- Recruitment plan drafted and with job profiles, duties and selection criteria.
- Implementation plan for Systems & Technology and the transition of People & Services drafted.
- Specification for initial Systems & Technology developments with vendor.

RAWS Timeline





Australian Government

Bureau of Meteorology

Industry Interaction



Industry Consultation

- Interactive consultation with aviation industry throughout year
 - Strategic planning
 - Upper air space
 - VulcanAus
 - Major airports
 - Regional aviation
 - Future directions
 - Finance
- Consultation with Airservices
 - Working group
 - Technical working group

Bureau of Meteorology/Aviation Industry Consultative Meeting
April

Bureau of Meteorology/Aviation Industry Finance Group Meeting
November, April

Bureau of Meteorology/Aviation Industry Strategic Planning Meeting
March

Future Directions Working Group
February, August

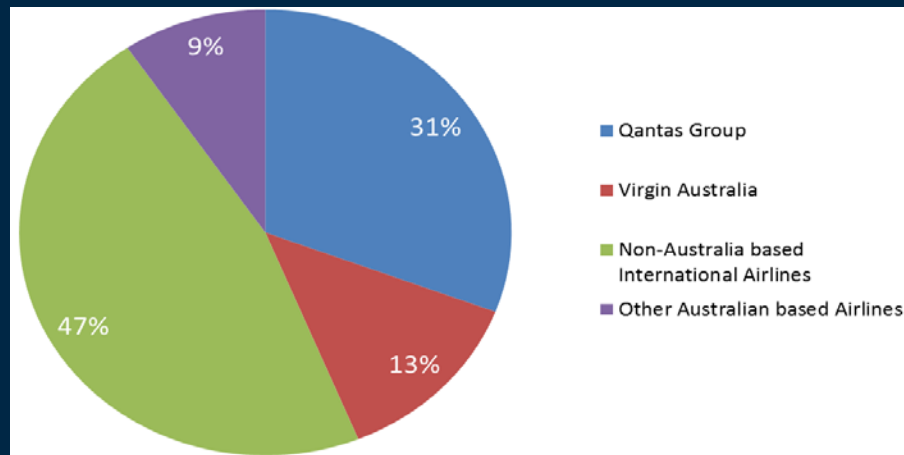
Upper Airspace Weather Services Consultative Meeting
February, September (VulcanAus)

Major Airport Weather Services Consultative Meeting
February, August

Regional Aviation Weather Services Consultative Meeting
February, August

Meteorological Services Charge

- The Commonwealth Government of Australia requires:
 - Aviation industry to utilise the Bureau's aviation weather services; and
 - Requires the industry to pay for such services
- Bureau determines the incremental cost (above the Bureau's basic service) of providing the aviation weather services based on Airservices forecast of annual aircraft activity.
- Rate for:
 - > 20 tonnes
 - <= 20 tonnes





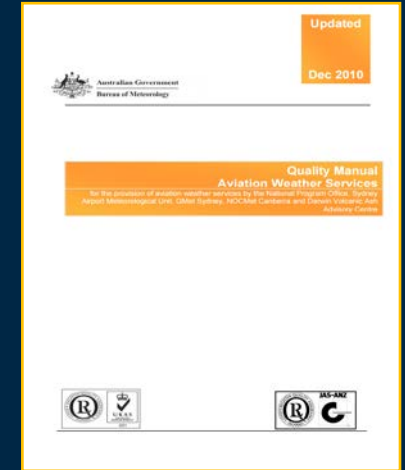
Australian Government
Bureau of Meteorology

Development Processes



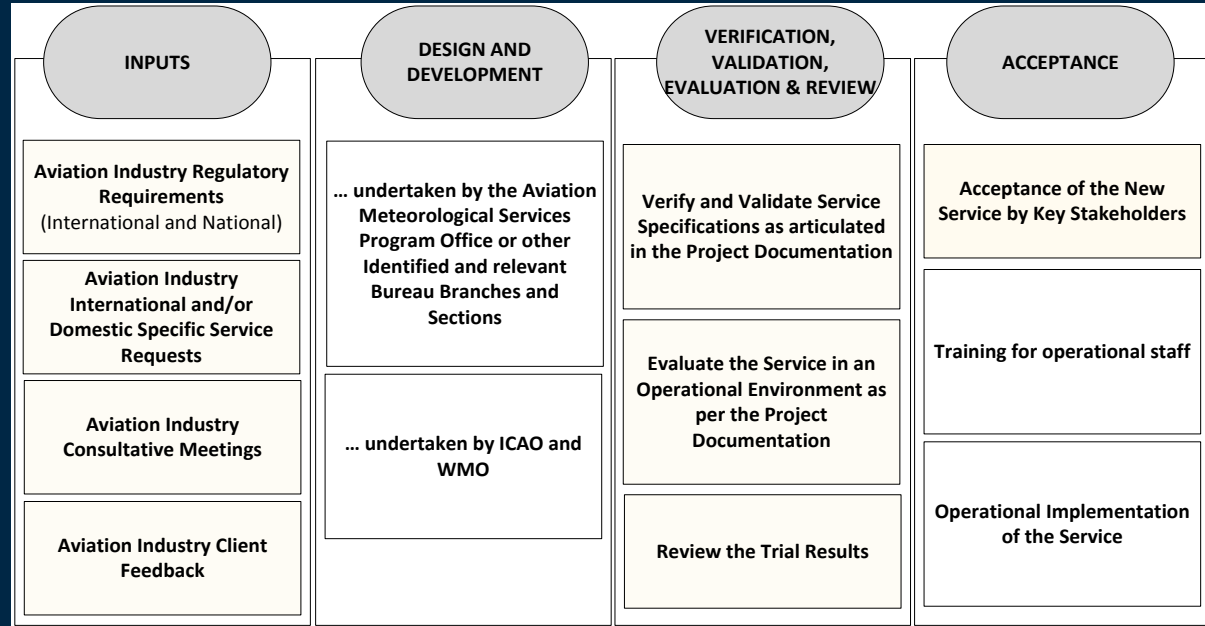
Quality Management

- Aviation Weather Services is certified under AS/NZS ISO 9001:2015 Quality Management Standard for the provision of aviation weather services by:
 - National Program Office;
 - Sydney Airport Meteorological Unit (SAMU);
 - Network Coordination Centre Meteorological unit (NCCMet); and
 - Darwin Volcanic Ash Advisory Centre



Development

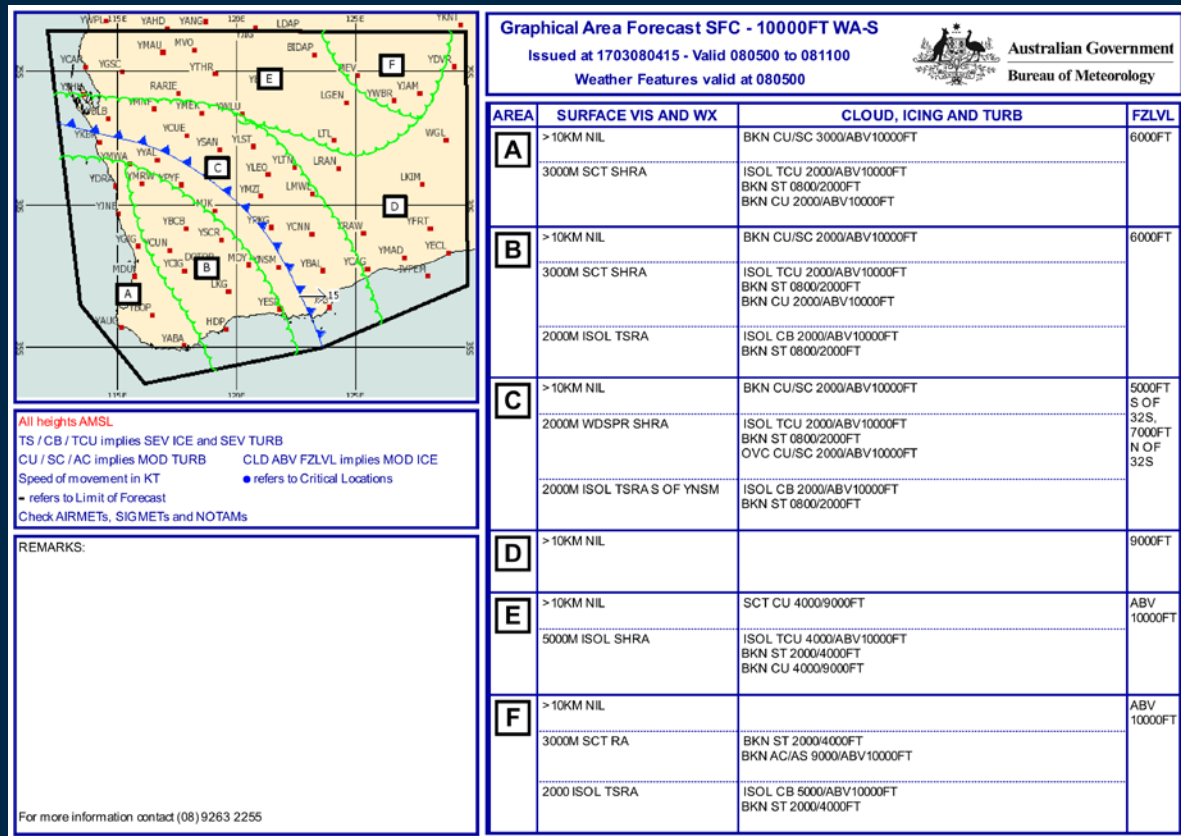
- Quality Management
- Industry requirements
 - Requests
 - Consultation
 - Feedback
- Development Project
 - Prince 2 project
- Verification
- Acceptance
 - Training
 - Awareness





Graphical Area Forecast

- Quality Management
- Customer requirements
 - Requests
 - Consultation
 - Feedback
- Development Project
 - Prince 2 project
- Verification
- Acceptance
 - Training
 - Awareness





Australian Government
Bureau of Meteorology

Australia – NZ Collaboration



Collaboration

- Areas of collaboration:
 - VAAC
 - Cross-border
 - Visual Weather
 - Industry meetings
 - ICAO





Australian Government
Bureau of Meteorology

Thank you!

Gordon Jackson
National Manager Aviation Meteorological Service
Gordon.Jackson@BoM.gov.au