



RAWS IMPLEMENTATION Quarterly Status Report

FEBRUARY 2019

Enhancing the safety and economy of aviation operations every day through world-class meteorological services and insight

TRAFFIC LIGHT REPORTING

- Governance
- Scope
- Deliverables
- Budget
- Schedule
- Risks and Issues – (See page 2)



KEY ACTIVITIES AND MILESTONES

FY 2017/18

- Complete Implementation Plan and future operations design – completed.
- Obtain staff intentions via survey and complete Recruitment Strategy – completed.
- Complete design and commence development of enhanced forecasting and training systems – completed.

FY 2018/19

- Complete fit-out of Brisbane and Melbourne centres, including installation of new servers – on track.
- Complete staff relocation to Brisbane with associated training and operational transitions – on track.
- Delivery of Knowledge Repository and simulation environment, alerting and internal collaboration tools – on track.
- Completion of aviation management and forecaster staff recruitment – on watch.

FY 2019/20

- Complete staff relocation to Melbourne with associated training and operational transitions – on track.
- Delivery of integrated workload management, external collaboration, climatology and final weather watch and decision support tools – on track.
- Complete integration of national operations including business continuity testing – on track.

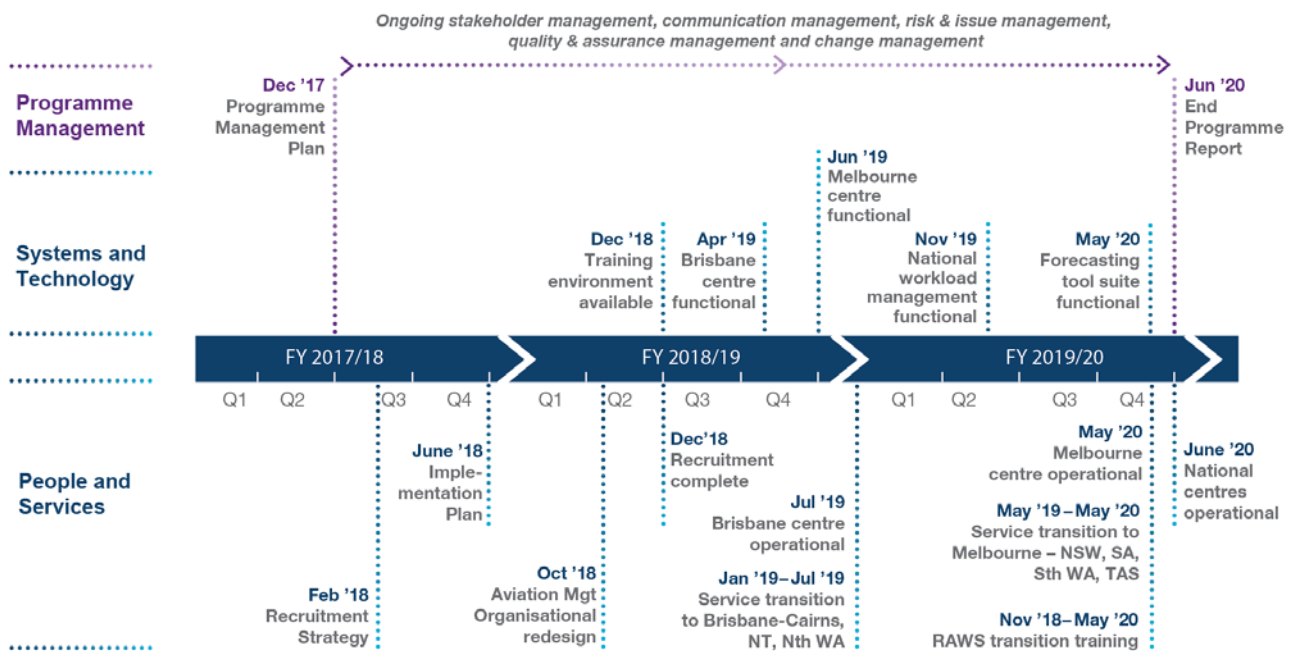


PROGRAMME RISKS AND MITIGATION

	Risk Description	Mitigation	Status	
			Nov-Jan 2018-19	Feb-Apr 2019
ICT	There is significant ICT development that will be required within the programme, during a period of major ICT project planning and implementation in the Bureau. This could result in delays to the RAWS Implementation programme.	<p>The Bureau is using a proven external software provider (IBL) for most of the software development and uses vendor management to ensure the required services are delivered on schedule. The Bureau recognises that the aviation transition is of utmost importance and will ensure aviation requirements are a high priority in the ICT modernisation programme. The programme has established a dedicated aviation ICT team to coordinate and deliver the RAWS Implementation requirements.</p> <p>The risk associated with ICT has been upgraded to Amber for the upcoming quarter due to the criticality of standing up new ICT systems in this quarter so that the Brisbane Aviation Forecasting Centre is operational in July 2019.</p>		
People	Staff may not be supportive of this change, potentially delaying or increasing the cost of implementation.	Specialists have been engaged to lead and manage change and HR consultation throughout the programme. The programme has proactively communicated to all staff via many channels. Operational leaders, together with meteorologists are engaged as part of the development of the new service model.		
Services	Public weather services could be compromised by the transfer of resources away from regional offices.	The Bureau is currently developing an enterprise-wide business case and plan for public weather operations to ensure robust operations to run in parallel with RAWS Implementation. This includes investment in technology that enables more efficient core forecasting operations and inter-regional operational support. A proportion of aviation specialists will maintain core forecasting competencies to enable surge support for core forecasting.		
Programme	Unavailability of Bureau staff to assist with RAWS Implementation programme tasks.	The RAWS Implementation programme has now recruited external project specialists to support Bureau staff to ensure that the programme remains on schedule. Recruitment has also been completed for all aviation operations roles who will also support the programme.		



TIMELINE & MILESTONES



STATUS UPDATE 1 NOVEMBER 2018 – 31 JANUARY 2019

Programme

- Implemented an agreement between Aviation Meteorological Services and National Forecast Services, which outlines the principles for the release and transition of aviation specialists to the new Aviation Forecasting Centres (AFCs) while ensuring operational resilience is maintained.
- Completed onboarding of key programme resources including a Training Lead, Technical Writer and additional Met Analysts to support the setup of the new AFCs.
- Carried out an organisational redesign of the Aviation Meteorological Services teams to support the newly established AFCs.

- Updated and reviewed the Change Management Plan, including change impact assessments and reviewed all change and communications activities.

Next quarter activities

- Project management support for People & Services and Systems & Technology project streams.
- Assist with the Review of Premium Services for Air Traffic Flow Management work package.
- Carry out a review of Benefits Realisation Strategy to ensure programme objectives are being delivered.

People & Services Project

- Finalised selection of aviation specialist roles, including the Brisbane and Melbourne Aviation Operations Managers and 83 aviation meteorologists.
- Completed the mapping of training requirements for new aviation specialists.
- Commenced training of aviation specialists.
- Continued with the population of the Knowledge Repository.
- Commenced development of standard operating procedures and business continuity procedures for new service delivery model.

Next quarter activities

- Execution of Aviation Meteorologists training to continue.
- Commence transition and relocation of aviation specialists to their new roles.
- Continue knowledge capture and the development of training materials.
- Finalise Business Implementation Plan for Brisbane and Melbourne AFCs.



Systems & Technology Project

- Test and training servers have been configured and are now being optimised for performance and security. The transition to operations is in progress and is scheduled for handover in mid-March 2019. IBL has delivered new case study capture functionality for the Training Simulator and Bureau testing is underway.
- The new Aviation Operating Environment is being installed in Brisbane; the configuration will be completed by the vendor in the coming weeks.
- IBL is delivering functionality from phase 3 of the Visual Weather Production Generation development, with regular releases tested by Bureau Met Analysts. A Test Analyst has been engaged to provide automation testing; this will increase the breadth and frequency of release testing. IBL staff onsite in February to support the on-time delivery and optimal configuration of Visual Weather.
- IBL has delivered phase one of the alerting capability and the configuration of alerting will soon be started by Met Analysts.
- Development of FELIX (TAF Guidance tool) is progressing well. Porting the current on-premises implementation to Amazon Web Services is a priority for team in February.

Next quarter activities

- Transition Brisbane Aviation Forecasting Centre to operations.
- Complete the installation the Aviation Operating Environment in Melbourne.
- Start the specification and development of subsequent Weather Watch Decision Support tools.

RAWS Implementation programme team

- Brett Anderson, Senior Responsible Owner
- Tim Hailes, Lead Senior User
- Sue O'Rourke, Senior User
- Kellie Mayne, Programme Manager
- Greg Heinrich, Communication Lead
- Jo Stenhouse, Change Lead
- Karen Conradi, Systems & Technology Project Manager
- James Caulfield, Business Analyst
- Alina Saeed, Programme Coordinator
- Rebecca Corson, Software Engineer
- Steele Griffiths, Dev/Ops Engineer
- Callum Stuart, Software Developer
- Brooke Oakley, Met Analyst
- Sarah Fitton, Met Analyst
- Pawan Kashyap, Met Analyst
- David House, Met Analyst
- Briony Macpherson, Met Analyst
- Vijay Kunduru, Test Analyst
- Stephen Wood, Visual Weather Specialist
- Anoushka Edwards – Technical Writer
- Ted Williams, People & Services Project Manager
- Jenny Coombe, Human Resources Lead
- Alison Cook, Training Lead
- Omar Houssami, Web Developer

The Quarterly Status Report publishing schedule is as follows:

- August **for the** Working Groups Meeting
- November **for the** Finance Group Meeting
- February **for the** Working Groups Meeting
- May **for the** Annual Consultative Meeting

