

ANWP Job-card

Title	Development of a MET-specific module related to Blocks 2 and 3 of the ASBU methodology		Reference:	2		
Source	MET Divisional Meeting 2014 (Recommendation 1/2 and 2/11)					
Problem Statement	No specific Block 2 of the ASBU methodology exists relating to meteorology in the Global Air Navigation Plan					
Specific Details (including impact statements)	<p>It was recommended by the MET Divisional Meeting (Recommendation 1/2) that an appropriate ICAO expert group identify the required MET capabilities to support Block 2 related operational improvements of the ASBU methodology, especially considering the introduction of airborne participation in collaborative air traffic management processes and the benefits of expanding meteorological observations by aircraft and to consider the inclusion of a MET specific module related to block 2.</p> <p style="color: red;">For the Block 2 timeframe, selected airborne based applications will be enabled by fit-for-purpose meteorological information to deliver advanced wake turbulence separation and improved flexibility and efficiency in descent profiles using VNAV, required speed and time at arrival.</p> <p style="color: red;">The improved availability of aircraft-derived-data is a key enabler for this foreseen enhancement either by assessed meteorological parameters by on-boards systems or the derivation of meteorological information from standard parameters downlinked for non-meteorological purposes.</p> <p style="color: red;">For the Block 3 timeframe planning is required during 2015 to 2020 for technological requirements and aeronautical meteorological service capabilities required by 2028 for Module B3-AMET of the ASBU methodology.</p>					
Expected Benefit	Increase safety and efficiency by making full use of enhanced aircraft observations					
Reference Documents	Global Air Navigation Plan (Doc 9750)					Attachments
Primary Expert Group:	METP					
WPE No.	Document affected	Description of Amendment proposal or Action	Supporting Expert Group	Expected dates		
				Expert Group	Effective	Applicability
	Doc 9750	Development of a Block 2 relating to meteorology		Sep 16		
Issue Date:		Date Approved by ANC:		Session/Meeting		

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