

BIP-M compliance flow chart



The Sixteenth World Meteorological Congress (Cg-XVI) in May 2011 incorporated¹ a set of learning outcomes known as the Basic Instruction Package for Meteorologists (BIP-M) into the WMO Technical Regulations². Employers of Aeronautical Meteorological Forecasters (AMF) who are providing meteorological services to international air navigation are required to show that by 1 December 2016 their AMF comply with the BIP-M qualification requirements specified in Chapter 5 of the Technical Regulations.

Documentation of the AMF qualifications should be in accordance with the quality management system being used by the meteorological service provider.

The WMO Executive Council in 2012 further clarified that the version of the BIP-M to be used for determining compliance is given by the date in which personnel commenced their BIP-M training³.

The Expert Team on Education, Training and Competency of the WMO Commission for Aeronautical Meteorology has drawn up a decision aid to assist Members in complying with this requirement. By answering the Yes/No questions in the flow chart, the user will be pointed to the correct version of the BIP-M and subsequently to the actions that need to be taken to demonstrate compliance.

¹ Resolution 32 (Cg-XVI)

² WMO-No.49 Technical Regulations Volume 1 – "General Meteorological Standards and Recommended Practices", 2011 edition, updated 2012. A new edition is planned for 2015.

³ WMO-No. 1092: "Executive Council Sixty-fourth Session – Abridged Final Report with Resolutions", paragraph 4.6.20

List of abbreviations and definitions used in the flow chart

AMF	Aeronautical Meteorological Forecaster(s)
BIP-M	Basic Instruction Package for Meteorologists
CPD	Continuous Professional Development
NMHS	National Meteorological and Hydrological Service
Met Authority	Meteorological Authority
PR	Permanent Representative
QMS	Quality Management System
University Dep't	University Department
WMO-No.49 Vol 1	WMO Technical Regulations Volume I – "General Meteorological Standards and Recommended Practices"
WMO-No.1083	WMO "Manual on the Implementation of Education and Training Standards in Meteorology and Hydrology", 2012
WMO-No.258 4th ed ..	WMO "Guidelines for the Education and Training of Personnel in Meteorology and Operational Hydrology" fourth edition 2002

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