**BIP-M/MT Survey Questions**

*For response by nominated National Focal Points on BIP-M   
by 22 October, or no later than 9 November  
Please respond to* ***“tra@wmo.int”***

The Basic Instructional Packages for Meteorologists and Meteorological Technicians (BIP-M and BIP-MT), published in 2013 and included in WMO-1083, recommend the appropriate educational background to become a meteorologist and meteorologist technician. This background can be used for personnel in many government and private sector jobs. The BIP-M is currently an international standard required by all Aeronautical Meteorological Forecasters. It has been proposed by EC-70 as a future standard for Marine Meteorological Forecasters as well. For other service areas, the BIP-M or MT is a recommended qualification. EC-70 requested that a review of the BIP-M and MT be conducted to ensure it meets new professional requirements.

Your answers to the questions below will provide valuable input to the review process.

**1.  Does your NMHS use the BIP-M as a qualification to allow a person to work as a weather forecaster?**  (Yes, No, or Partly. If No or Partly, please state briefly in which areas your qualification differs or for which service areas it is required.)

**2.  Does your NMHS use the BIP-MT as a qualification to work in your service as an observer or meteorological technician?**  (Yes, No, or Partly. If No or Partly, please state briefly in which areas your qualification differs.)

**3. Do you have an additional training programme to qualify new or existing staff to work in specific service areas?** State which service area training you are able to provide.

**4. If you do NOT have an internal training programme, do you have alternative ways for staff to achieve service area competencies?**

**5. Do you think the BIP-M requires revisions?** Check the possible changes you would like to be considered from the list below

* Potential to focus on particular service areas (aviation, marine, public weather, etc.) by addressing required job competencies
* Suggest regional differences to the qualifications
* Reduce some math and physics requirements
* Include more than one class or level of qualification
* Offer an assessment tool that could be used to demonstrate expected learning outcomes
* Include content areas that represent new and emerging service delivery requirements (communications, impacts forecasting, DRR consultation, basic climate services, etc.)
* No changes are required
* Other:

**6. Do you think the BIP-MT requires revisions?** Check the possible changes you would like to be considered from the list below

* Address new requirements for Automated Weather Station maintenance
* Reduce content on manual observations
* Updated to more directly include WIGOS requirements
* Include more than one class or level of qualification
* Offer an assessment tool that could be used to demonstrate expected learning outcomes
* No changes are required
* Other: