|  |  |  |
| --- | --- | --- |
| WORLD METEOROLOGICAL ORGANIZATION  COMMISSION FOR BASIC SYSTEMS  -----------------------------  FIRST MEETING OF  INTER-PROGRAMME EXPERT TEAM ON CODES MAINTENANCE  GENEVA, SWITZERLAND, 24 - 28 JULY 2017 |  | IPET-CM-I / Doc. 3.1 (2)Rev  (18. 7. 2017)  -------------------------  ITEM 3.1  ENGLISH ONLY |

Amendments to B/C Regulations

**Regulations for reporting SHIP data in TDCF (B/C10)**

*Submitted by* *David I. Berry (on behalf of JCOMM)*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Summary and Purpose of Document**

A minor modification of B/C10.2.2.2 is proposed to take into account revised types of Voluntary Observing Ships.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**ACTION PROPOSED**

The meeting is requested to review and approve the ammendment for inclusion in the WMO Manual on Codes Volume I.2 Part C as part of the May 2018 Fast Track (FT 2018-1) process.

**ANNEXES:**

1.

**DISCUSSIONS**

Within the JCOMM Voluntary Observing Ships (VOS) Scheme there are 4 primary classes of VOS defined, each split into two subclasses:

* Selected
  + Selected ship
  + Selected AWS ships
* VOSClim
  + VOSClim ships
  + VOSClim AWS ships
* Supplementary
  + Supplementary ships
  + Supplementary AWS ships
* Auxiliary
  + Auxiliary ships
  + Auxiliary AWS ships

At the 9th Session of the JCOMM Ship Observations Team (SOT) the SOT agreed to reduce the number of VOS classes to three. To avoid ambiguity with the existing VOS classes new names for the VOS classes have been proposed. The proposed new classes are:

1. ***NMHS Operated***: Ships that are recruited by a national meteorological service which also supplies the necessary observing instruments, sensors and equipment.
2. ***NMHS Cooperative***: Ships that are recruited by a national meteorological service but use their own instruments, sensors and equipment.
3. ***Independent***: Third party support ships that are not recruited by a national meteorological service but contribute to the VOS Scheme.

To accommodate the new classes regulation B/C 10.2.2.2 needs to be update. The existing regulation is given by (underline / red inserted for emphasis):

B/C10.2.2.1 Direction and speed of motion of moving observing platform shall always be included in reports from stations, which have observed maritime conditions, and in reports from ships being requested to include this information as a routine procedure. [12.3.1.1]

B/C 10.2.2.2 Direction and speed of motion of moving observing platform may be included as missing values in reports from a supplementary or auxiliary ship, except when reporting from an area for which the ship report collecting centre, in order to meet a requirement of a search and rescue centre, has requested inclusion of direction and speed of ship motion as a routine procedure. [12.3.1.2(b)]

These proposed changes to the VOS classes and names of the VOS classes are subject to approval at JCOMM-5 (October 2017). Noting that: the names may be modified by the JCOMM-5 approval process; that the NHMS Operated and Selected Ships are broadly equivalent; and that the distinguishing feature of NMHS operated is the supply of instruments by the NMHS the following amendment is proposed:

B/C10.2.2.1 Direction and speed of motion of moving observing platform shall always be included in reports from stations, which have observed maritime conditions, and in reports from ships being requested to include this information as a routine procedure. [12.3.1.1]

B/C10.2.2.2 Direction and speed of motion of moving observing platform may be included as missing values in reports from ships that have not been directly recruited and instrumented by an NMHS, except when reporting from an area for which the ship report collecting centre, in order to meet a requirement of a search and rescue centre, has requested inclusion of direction and speed of ship motion as a routine procedure. [12.3.1.2(b)]

Noting that the date of the JCOMM-5 meeting (October 2017) the amendment, subject to approval, is proposed for the May 2018 (FT 2018-1) process.

**PROPOSAL**

**B/C Regulations**

***Amend***

B/C10.2.2.2 Direction and speed of motion of moving observing platform may be included as missing values in reports from ships that have not been directly recruited and instrumented by an NMHS, except when reporting from an area for which the ship report collecting centre, in order to meet a requirement of a search and rescue centre, has requested inclusion of direction and speed of ship motion as a routine procedure. [12.3.1.2(b)]