

## Procedures for the Special MTN Monitoring (SMM)

### 1. Format of presentation of the set of messages (also named raw data)

1.1 The format of the messages should preferably be in conformity with the paragraph 2 of Part II of the Manual on the GTS in alphabet international No. 5 and, if this not possible, the differences between this recommended format and the format used should be detailed. The complete message (including the starting line, the abbreviated heading, the text and the end-of-message signals) should be provided.

1.2 The time of reception of each bulletin and the location indicator CCCC of the centre from which the bulletin was received or which inserts the bulletin (in sequence: YYMMDDHHmmCCCC), should be given before the starting line of each bulletin as follows:

(a) Group date-time of reception:

- YY: two last digits of the year
- MM: month
- DD: day
- HH: hour
- mm: minute

(b) Location indicator CCCC as given in the WMO Publication No. 9 - Volume C -Catalogue of Meteorological Bulletins.

e.g. 9411281205AMMC for a bulletin received from WMC Melbourne on 28 November 1994 at 1205 UTC.

1.3 The raw data should preferably be grouped by types of data. The names of the relevant files CCCCXXYY.EXT should be defined as follows:

- (a) CCCC being the location indicator of the monitoring centre
- (b) XX representing the type of data as follows: SY for SYNOP, TT for Parts A of TEMP, PP for Parts A of PILOT, CL for CLIMAT, CT for CLIMAT TEMP, SH for SHIP, TS for TEMP SHIP, PS for PILOT SHIP, BU for BUOY, BT for BATHY/TESAC/TRACKOB, AI for AIREP, AM for AMDAR;
- (c) YY being a sequence number if the data are split into several files (to facilitate the transfer to the WMO FTP server or to copy the files into several diskettes).
- (c) EXT=ASC for ASCII files; if a compression code is used, EXT should be used to identify the compression code (e.g. ZIP)

e.g. RJTDSY02.ASC for SYNOP messages entered into the diskette No.2 by RTH Tokyo.

1.4 The monitoring centres should send as soon as possible at the same time all the relevant raw data related to the monitoring period (i.e. all messages for which the date-time group of the abbreviated heading corresponds to days of this month). Since such messages can be received just after the monitoring period, the monitoring centres will have to wait until all the bulletins concerned are received before sending the comprehensive set of raw data to the Secretariat.

1.5 The raw data should preferably be sent to the WMO FTP server (www.wmo.ch) under the sub-directory **GTS\_monitoring\SMM\To\_WMO\smYYM01.015** (YY being the year (e.g 97) and M the month (i.e. 2 for February, 4 for April, 7 for July or A for October)) directly accessible by the analysis centres. The raw data can also be sent to the WMO Secretariat on 3.5 inches diskettes. With a view to reducing the number of diskettes, a compression code may be used; in this case the required decryption software should be provided to the Secretariat.

## 2. Reference monitoring data sets

The following data set should be monitored:

Type of data	T <sub>1</sub> T <sub>2</sub>	GGgg
SYNOP	SM	0000, 0600, 1200, 1800
TEMP, PILOT	US	0000, 0600, 1200, 1800
CLIMAT	CS	(report of the previous month)
CLIMAT TEMP	CU	(report of the previous month)
SHIP	SM	0000, 0600, 1200, 1800
TEMP SHIP, PILOT SHIP	US	0000, 0600, 1200, 1800
BUOY	SS	All bulletins
BATHY/TESAC/TRACKOB	SO	All bulletins
AIREP	UA	All bulletins
AMDAR	UD	All bulletins

## 3. Bulletins scheduled to be received by each monitoring centre

The monitoring centres are invited to indicate the list of the abbreviated headings included in the reference monitoring data sets and scheduled to be received at their centres. This information will make it possible for the analysis centres to limit the comparison of the availability of bulletins and reports between centres to those bulletins and reports scheduled to be received at the centres concerned. This will avoid to report artificial discrepancies in the availability of bulletins and reports between centres. It is suggested that the monitoring centres provide this information in files called CCCCTTSC. The names of the files should be defined as follows:

- (a) CCCC being the location indicator of the monitoring centre
- (b) TT representing the type of data (see above sub-paragraph 1.3.(b))

The suggested structure for the files is as follows:

Field	Field name	Width
1	TTAAIICCCC	11
2	SCHEDULE	1

With: TTAAAIICCCC: Parts T<sub>1</sub>T<sub>2</sub>A<sub>1</sub>A<sub>2</sub>ii and CCCC of the abbreviated headings separated by one space;

SCHEDULE = "S" if the bulletin is scheduled to be received  
 SCHEDULE = "N" otherwise.

The fields should preferably be surrounded by quotes (") and separated by commas.

e.g. "SMAL01 DAMM","S"  
 "SMFR01 LFPW","S"

