

Regular Monitoring Electronic Data Description and Format

The reports of monitoring observations should be provided to the Bureau in electronic table format, either in text or MS Excel format. The data submitted must respect the order and widths of columns as described here below. There should be one line per emission observed.

Fields indicated with an asterisk (*) are mandatory, therefore should be provided. Where possible, administrations are invited to supply information to all fields consistent with their facilities. In the case where no identification of the emission (M_IDEN) is possible, a position or bearing should be indicated.

For any clarification or assistance please contact: brtpr@itu.int

Col. No.	Field	Item	Description	Format			Remarks
				Type	Max width	Decimal	
1	M_ADM*	Administration	The Administration code responsible for the monitoring centre.	Text	3		
2	M_CENTER*	Center	The name of the monitoring centre where the observation was made.	Text	20		
3	M_FREQ*	Frequency	The frequency measured in kilohertz.	Numeric	8	3	
4	M_JOUR*	Day	The day during which the observation was made.	Text	2		
5	M_MOIS*	Month	The month during which the observation was made.	Text	2		
6	M_HEURED*	Starting time	The starting time of the observed emission, expressed in hours and minutes in coordinated universal time (UTC). Values are 0000 up to 2400.	Text	4		Where 0000 indicates the beginning of the day and 2400 indicates the end of the day.
7	M_HEUREF*	Finishing time	The ending time of the observed emission, expressed in hours and minutes in coordinated universal time (UTC). Values are 0000 up to 2400.	Text	4		Observations made after 2400 should be indicated in the following day as a separate record. For example, 2300 to 0100 should be indicated as 2300 to 2400 and 0000 to 0100 of the following day.
8	M_DB	Field strength	The field strength measured in dB (referred to 1 μ V/m).	Numeric	5	1	
9	M_IDEN*	Identification	The name, call sign or other means of identification of the observed emission.	Text	20		
10	M_ADMIN	Administration	The Administration code responsible for the observed emission.	Text	3		This should normally be different from Administration indicated in Column 1.
11	M_CLST*	Class of station	The code corresponding to the class of station of the monitored emission	Text	2		See Preface to the BR IFIC.

Col. No.	Field	Item	Description	Format			Remarks
				Type	Max width	Decimal	
12	M_BAND	Bandwidth	The bandwidth should be in accordance with AP1, section I of the Radio Regulations, measured or estimated.	Text	5		For estimated value, include the symbol E after the value indicated. For example, 10K0E means 10 kilohertz estimated bandwidth.
13	M_CLEM*	Class of emission	The three basic characteristics of the class of emission in accordance with AP1 sub-section IIA of the Radio Regulations.	Text	3		
14	M_LONG1	Longitude1	Degrees portion of Longitude (0 – 180) of the	Numeric	3	0	Estimated location of the monitored station.
15	M_LONG2	Longitude2	East or West indicator of Longitude (E or W)	Text	1		
16	M_LONG3	Longitude3	Minutes portion of Longitude (0 – 59)	Numeric	2	0	
17	M_LAT1	Latitude1	Degrees portion of Latitude (0 – 90)	Numeric	2	0	
18	M_LAT2	Latitude2	North or South indicator of Latitude (N or S)	Text	1		
19	M_LAT3	Latitude3	Minutes portion of Latitude (0 – 59)	Numeric	2	0	
20	M_BEAR	Bearing	The bearing of the station concerned in degrees from true North. (0 – 360)	Numeric	3	0	
21	M_PREC	Accuracy	The estimated accuracy or the classification of bearing	Text	1		When the estimated location is given in Columns 14 to 19 or the bearing is given in Column 20.
22	M_RR	Non-conformity	Column number of the field which is not in conformity with the Radio Regulations	Numeric	2	0	When the monitored station is not operating in accordance with the Radio Regulations
23	M_REMARK	Remarks	Any additional information which may be useful for the understanding of the information supplied in other columns.	Text	20		

Sample files

In text format (*.csv)

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M_ADM;M_CENTER;M_FREQ;M_JOUR;M_MOIS;M_HEURED;M_HEUREF;M_DB;M_IDEN;M_ADMIN;M_CLST;M_BAND;M_CLEM;M_LONG1;M_LONG2;M_LONG3;M_LAT1;M_LAT2;M_LAT3;M_BEAR;M_PREC;M_RR;M_REMARK;
HNG;TARNOK;10315.000;01;08;0515;0530;16.6;;;650HE;F1B;;;;;;;;;500HZ
HNG;TARNOK;10310.000;01;08;0520;1335;9.8;;;650HE;F1B;;;;;;;;;500HZ
HNG;TARNOK;10305.000;01;08;0835;0839;22.8;;;2K70E;J3E;;;;;;;;;USB;
HNG;TARNOK;10333.000;01;08;0900;1000;16.8;;BC;10K0E;A3E;;;;;;;;;3;;
HNG;TARNOK;10306.000;01;08;1105;2400;31.6;;;3K00E;G7D;;;;;;;;;
HNG;TARNOK;21951.500;02;08;0605;1500;16.7;HAT YAI (ID 06);THA;FA;2K4E;G1D;;;;;;;;;
HNG;TARNOK;21983.500;02;08;0830;1700;17.5;AL MUHARRAQ (ID 15);BHR;FA;2K4E;G1D;;;;;;;;;
HNG;TARNOK;10360.000;03;08;0520;1025;31.4;;;3K00E;G1D;;;;;;;;;STANAG 4285;
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In MS Excel format (*.xls or *.xlsx)

M_ADM	M_CENTER	M_FREQ	M_JOUR	M_MOIS	M_HEURED	M_HEUREF	M_DB	M_IDEN	M_ADMIN	M_CLST	M_BAND	M_CLEM	M_LONG1	M_LONG2	M_LONG3	M_LAT1	M_LAT2	M_LAT3	M_BEAR	M_PREC	M_RR	M_REMARK
F	RAMBOUILLET	9420.000	01	09	1400	1500	26.0	CNR	CHN	BC	10K0	A3E							50	A	0	
F	RAMBOUILLET	9450.000	01	09	1730	1830	53.0	CRI	TKS	BC	10K0	A3E							76	A	0	
F	RAMBOUILLET	9450.000	01	09	1600	1700	43.0	RADIO FREE ASIA		BC	10K0E	A3E							47	A	0	
F	RAMBOUILLET	9440.000	01	09	1200	1400	10.0	CRI	CHN	BC	10K0	A3E							65	A	0	
F	RAMBOUILLET	9435.000	01	09	1700	1800	73.0	CRI	CHN	BC	10K0	A3E							70	A	0	
F	RAMBOUILLET	9400.000	01	09	1500	1600	51.0	MIGHTY KBC RADIO		BC	10K0E	A3E							102	A	0	
F	RAMBOUILLET	7445.000	01	09	0000	0330	48.0	CRI	CHN	BC	10K0	A3E							61	A	0	
F	RAMBOUILLET	9450.000	01	09	1400	1500	41.0	FURUSATO NO KAZE	CHN	BC	10K0E	A3E							48	A	3	
F	RAMBOUILLET	9445.000	01	09	1740	2230	51.0	AIR	IND	BC	10K0E	A3E							94	A	3	
F	RAMBOUILLET	9435.000	01	09	1600	1700	30.0	VOICE OF KOREA	KRE	BC	10K0E	A3E							38	A	3	
F	RAMBOUILLET	9425.000	01	09	1600	2050	43.0	VOICE OF KOREA	KRE	BC	10K0E	A3E							36	A	3	
F	RAMBOUILLET	9420.000	01	09	0600	0700	66.0	HELLINICI RADIOFONIC	GRC	BC	10K0E	A3E							113	A	3	