

**EXPLANATORY NOTES TO THE INFORMATION TO BE FURNISHED FOR THE
RESPECTIVE DATA FIELDS:**

DATA ITEM	DATA NAME	FIELD NAME	DATA TYPE	CODE	DESCRIPTION
1	FACSMAB /JTC Meeting Number	MTG_No	Char(5)	-	The Number of FACSMAB Meeting e.g. 100
2	Meeting Date	MDATE	Char(8)	-	Date of the Meeting (DDMMYY) e.g. 16071996
3	Operating Administration	OAC	Char(3)	M	MCMC
4	Client Name	CLIENT	Char(60)	-	Full name of applicant
5	Station Type	S1	Char(2)	10 11 12 20	Land/Fixed Station (Non-Microwave) Earth Microwave Station Microwave Fixed Station Land Mobile Station (Non-Microwave)
6	Station Name	S2	Char(40)	-	a) The name of the locality of the Station b) For Mobile Station, indicate 'M' or by Network name
7	Location of Operation	S3	Char(40)	-	Country/State/Province/District or Town in which the station is located
8	Intended Use	S4	Char(2)	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	Paging Leased Channel Trunked Radio System Personal Communication Network Rural Call Service Cellular Mobile Radio System Telepoint (e.g. CT2) Carphone Country Set Wireless LAN Multi-Channel Analogue-Main Multi-Channel Analogue-Spur Multi-Channel Digital-Main Multi-Channel Digital-Spur Multi-Access Radio System (MARS) Service Channel Telemetry Private Business Broadcasting (including Auxiliary to Broadcasting) Press Localized Network is a radiocommunication network in which the handheld equipment are intended to be operated in a small specific geographical are e.g. factories, warehoused, campus, hospitals, shops and office complexes for security and/or operational communication Official Network is radiocommunication network operated by statutory and government bodies Radar Station Radio Mobile Data Equipment operating in the ISM Bands LPD use for remote-control (alarm & etc.) Satellite systems (Including earth station and VSAT) Receiving systems operating in the band approved by agreements Amateur Station (Tx and Rx) Radionavigation, DF & Sat-GPS

9	Station Coordinates Lat.	S_5 LAT	Char(7)	-	a) The Latitude and Longitude of the station b) Mobiles communicating only with each other. The Lat and Long. Of the centre of coverage is to be given c) Mobiles communicating with the base station and each other or with base station only, the Lat and Long of the base station is to be given.
10	Station Coordinates Long	S_5 LONG	Char(8)	-	<u>Lat(N/S)</u> <u>Long(E/W)</u> deg (0-90) deg (0-180) min (0-59) min (0-59) sec (0-59) sec (0-59)
11	Link Coordinates Lat	S_6 LATLINK	Char(7)	-	The Latitude and Longitude of the target of the main beam link. These coordinates can be the receiving station's coordinates or of a geographic point.
12	Link Coordinates Long	S_6 LONG LINK	Char(8)	-	<u>Lat(N/S)</u> <u>Long(E/W)</u> deg (0-90) deg (0-180) min (0-59) min (0-59) sec (0-59) sec (0-59)
13	Radius	S7_RADIUS	Number(4,1)	-	The nominal radius (km) of the circular transmitting area
15	Gain (dB)	A2_GAIN_DB	Number(3,1)	-	The ratio of the radiation is the maximum radiation to that of a reference antenna for equal power.
16	Azimuth (deg)	A#_AZIMUTH	Number(4,1)	-	The direction to which the antenna point, measured at an angle clockwise from true North. For non-directional radiation antenna pattern, 0.0 is to be indicated.
17	3 dB Beamwidth	A4_3DB	Number(4,1)	-	a) The total angle measured horizontally in a plane obtaining the direction of maximum radiation in degrees within which the power radiated in any direction does not fall more than 3 dB below the power radiated in the direction of maximum radiation. b) For non-directional antenna indicated 360.
19	Tx/Rx Indicator	F1_TXRX	Char(1)	1 2 3	Transmits only Receives only Transmits and Receives
20	Polarization	F2_POLCODE	Char(2)	H V SR SL CR CL D M L999	Horizontal Polarized Vertical Polarized Slant Right Polarized Slant Left Polarized Circular Right Polarized Circular Left Polarized Dual Polarized Mixed Polarized Linear Polarized
21	Tx Assigned Frequency (MHz)	F3_TXASFREQ	Number(12,6)	-	The frequency assigned to the transmitting station
22	Tx Carrier Frequency (MHz)	F4_TXCRFREQ	Number(12,6)	-	The frequency on which the signal is modulated to facilitate transmission Note: To be provided only if it is different from the assigned frequency.
23	Rx Assigned Frequency	F3_RXASFREQ	Number(12,6)	-	The assigned receiver frequency
24	Rx Carrier Frequency (MHz)	F3_RXCRFREQ	Number(12,6)	-	The frequency on which the signal is modulated to facilitated reception of the transmission.
25	Nature of Service	F7_SVCCODE	Char(2)	AS AX	Station using a frequency adaptive system Fixed station used for provision of services

				CO CP CR CV FS HP MX OT PX RC RD RG RT ST	related to aircraft flight safety Station open to official correspondence exclusively Station open to public correspondence Station open to limited public correspondence Station open exclusively to correspondence of a private agency Land station established solely for the safety of life Fixed station using high altitude platform Fixed station used for transmission of meteorological information Station open exclusively to operational traffic of the service concerned Fixed station used for press transmission Non-directional radiobeacon Directional radiobeacon Radio direction-finding station Revolving radiobeacon Fixed station using tropospheric scatter
26	ITU Service Code	F8_ITUCODE	Char(3)	AFX AMR AMS AMX ARX ARS ATX ATS BCX BCS EES FXX FXS ISM ITS LMX LMS MAX MES MMX MMS MOX MOS MRX MRS POX RAX RCX RDX RDS RLX RNX RNS SFT SFS SMX SOX SRX SSX SVX	Aeronautical Fixed Aeronautical Mobile-Satellite(R) Aeronautical Mobile-Satellite Aeronautical Mobile Aeronautical Radionavigation Aeronautical Radionavigation-Satellite Amateur Amateur-Satellite Broadcasting Broadcasting-Satellite Earth Exploration-Satellite Fixed Fixed-Satellite Industrial, Scientific and Medical Application Intersatellite Service Land Mobile Land Mobile-Satellite Meteorological Aids Meteorological-Satellite Maritime Mobile Maritime Mobile-Satellite Mobile Mobile-Satellite Maritime Radionavigation Maritime Radionavigation-Satellite Port Operations Radio Astronomy Radiocommunication Radiodetermination Radiodetermination-Satellite Radiolocation Radionavigation Radionavigation-Satellite Standard Frequency and Time Signal Standard Frequency and Time Signal-Satellite Ship Movement Space Operations Space Research Safety Services Special Services
27	Class of Station Code	F9_STCODE	Char(2)	AL AM AT BC	Aeronautical radionavigation land station Aeronautical radionavigation mobile station Amateur station Broadcasting station, sound

				BT	Broadcasting station, television
				EA	Space station in the amateur-satellite service
				EB	Space station in the broadcasting-satellite service (sound broadcasting)
				EC	Space station in the fixed-satellite service
				ED	Space telecommand space station
				EE	Space station in the standard frequency-satellite service
				EF	Space station in the radiodetermination-satellite service
				EG	Space station in the maritime mobile-satellite service
				EH	Space research space station
				EI	Space station in the mobile-satellite service
				EJ	Space station in the aeronautical mobile-satellite service
				EK	Space tracking space station
				EM	Space station in the meteorological-satellite service
				EN	Space station in the radionavigation-satellite service
				EO	Space station in the aeronautical radionavigation-satellite service
				EQ	Space station in the maritime radionavigation-satellite service
				ER	Space telemetering space station
				ES	Station in the inter-satellite service
				ET	Space station in the space operation service
				EU	Space station in the land mobile-satellite service
				EV	Space station in the broadcasting-satellite service (television)
				EW	Space station in the earth exploration-satellite service
				EY	Space station in the time signal-satellite service
				FA	Aeronautical station
				FB	Base station
				FC	Coast station
				FD	Aeronautical station in the aeronautical mobile (R) service
				FG	Aeronautical station in the aeronautical mobile (OR) service
				FL	Land station
				FP	Port station
				FX	Fixed station
				LR	Radiolocation land station
				MA	Aircraft station
				ML	Land mobile station
				MO	Mobile station
				MR	Radiolocation mobile station
				MS	Ship station
				NL	Maritime radionavigation land station
				NR	Radionavigation mobile station
				OD	Oceanographic data station
				OE	Oceanographic data interrogation station
				PL	Combination of two or more classes of station (limited to collective entries made under the terms of RR2184)
				RA	Radio astronomy station
				RM	Maritime radionavigation mobile station
				RN	Radionavigation land station
				SA	Meteorological aids mobile station
				SM	Meteorological aids station
				SS	Standard frequency and time signal station Space operation earth station in the amateur-

				TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TQ TR TT TU TW TX TY TZ UA UB UD UH UK UM UN UR UT UV UW VA	satellite service Aeronautical earth station Earth station in the fixed-satellite service Space telecommand earth station Satellite EPIRB in the mobile-satellite service Fixed earth station in the radiodetermination-satellite service Ship earth station Earth station in the space research service Coast earth station Aircraft earth station Space tracking earth station Mobile earth station in the radiodetermination-satellite service Earth station in the meteorological-satellite service Fixed earth station in the radionavigation-satellite service Mobile earth station in the aeronautical radionavigation-satellite service Mobile earth station in the maritime radionavigation-satellite service Space telemetering earth station Earth station in the space operation service Land mobile earth station Earth station in the earth exploration-satellite service Fixed earth station in the maritime radionavigation-satellite service Base earth station Fixed earth station in the aeronautical radionavigation-satellite service Mobile earth station Earth station in the broadcasting-satellite service (sound broadcasting) Space telecommand mobile earth station Mobile earth station in the space research service Space tracking mobile earth station Mobile earth station in the meteorological-satellite service Mobile earth station in the radionavigation-satellite service Space telemetering mobile earth station Mobile earth station in the space operation service Earth station in the broadcasting-satellite service (television) Mobile earth station in the earth exploration-satellite service Land earth station
28	Usage Period	F10_HOUR	Char(3)	H H24 HJ HN HT HX	Scheduled 24 hours operation Day use Night use Transit period operation Intermittent use during 24 hours operation
29	Class of Emission	T1_CLASSEM	Char(9)	-	Comprises of : a) the necessary bandwidth (in kHz) in accordance with the RR Appendix 6 – Part B and b) classification and use of symbols according to RR Article 4 and any additional optional characteristics as provided for in RR Appendix 6- Part A

31	Tx Power (Watt)	T3_RFOPPOW	Number(10,2)	-	The rated power of the transmitter
33	Total System Loss	T5-TOTALLOSS	Number(5,1)	-	The Total reduction in the signal strength through the signal path including insertion and line loss.
34	Remarks	REMARKS	Char(40)	-	Any comments or special considerations to be noted.
36	Link Location	S6 LINK_LOC	Char(40)	-	The name of the geographic location where the radio link terminates.
37	Elevation (m)	S8_AMSL_M	Number(6,1)	-	The elevation above mean sea level of the ground at the site of the station.
39	Height Above Ground (m)	A1_AGL_M	Number(4,1)	-	The height of the antenna above ground level at the location.
42	Manufacturer	A6_MFR	Char(10)	-	The name of the manufacturer of the antenna.
43	Model Code	A7_MODEL	Char(25)	-	The model number of the antenna provided by the manufacturer.
44	Elevation Angle	A8_ELEVATIO	Number(4,1)	-	For Fixed Microwave stations, from the horizontal plane, the angle of the antenna which provide maximum radiation to the target (endpoint).
49	Modulation Type	T8_MODTYPE	Char(12)		A code indicating how the information carried by the signal is encoded on to the carrier frequency AM-SSB-TV Amplitude Modulation SSB-TV AM VIDEO Amplitude Modulation Video (Audio Sub-Carrier) ASK Amplitude Shift Keying DAV Data Above Voice DIV Data In Voice DUV Data Under Voice FDM-FM Frequency Division Multiplex-Frequency Modulation FM Frequency Modulation Video VIDEO FSK Frequency Shift Keying MSK Minimum Shift Keying OQPSK Offset Quadrature Phase Shift Keying PSK Phase Shift Keying QAM Quadrature Amplitude Modulation QPR Quadrature Partial Response QPRS Quadrature Partial Response Signalling QPSK Quadrature Phase Shift Keying
51	Modulation Factor	T10_MODFAC	Number(5)	2 3 4 5 7 8 9 16 64 256 512	The modulation factor of the digital modulation type e.g. PSK 8 Phase, the code to be furnished is 8.
52	Voice channels	T11_VOICHAN	Number(5)	-	In analog system. The number of 3kHz telephone voice channels carried on the transmitted signal. In digital systems, the equivalent number of equivalent channels.
53	Bit Rate (Mbits/s)	T12_BITRATE	Number(12,9)	-	The rate of transmission at which a digital system can send binary signal.
54	Minimum Rx Signal (dBW)		Number(4,1)	-	Minimum received signal level required at the receiving site.