









Spectrum utilisation of broadly defined services (terrestrial services)					
Rec. ITU-R SM.1133 provides useful guidance to the utilization of broadly defined services Fixed Aeronautical fixed					
Mobile	Aeronautical mobile	Aeronautical mobile (R) Aeronautical mobile (OR)			
	Land mobile				
	Maritime mobile	Port operation Note 1			
Radiodetermination	Radionavigation	Maritime radionavigation			
The following services are not defined by the Radio Regulations (RR) as being part of any grouping of services.					
Broadcasting					
Amateur Radio astronomy	Note 1 - The ship movement and port operation services are not				
Meteorological aids	Appendix 18.				
Standard frequency and time signal					
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Spectrum utilis defined service	es (space services)
Mobile-satellite —	Land mobile-satellite Maritime mobile-satellite Aeronautical mobile-satellite Aeronautical mobile-satellite Aeronautical mobile-satellite (OR)
Radiodetermination-satellite	Radionavigation-satellite Aeronautical radionavigation-satellite Maritime radionavigation-satellite Meteorological-satellite RR as being part of any grouping of services.
Fixed-satellite Broadcasting-satellite Amateur-satellite Radio astronomy Standard frequency and time signal-satellite Space operations Space research Inter-satellite 	e Arabic Region, Tunis, Tunisia, 1-3 June 2009









Table of Frequency Allocations

Allocation to services				
Region 1		Region 2	Region 3	
5 850-5 925 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE		5 850-5 925 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Amateur Radiolocation	5850-5925 FIXED FIXED-SATELLITE (Earth-to-space) MOBILE Radiolocation	
5.150		5.150	5.150	
5 925-6 700	FIXED FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B MOBILE 5.457C 5.149 5.440 5.458			
6 700-7 075	FIXED FIXED-SATELLITE (Earth-to-space) (space-to-Earth) 5.441 MOBILE 5.458 5.458A 5.458B 5.458C			

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Data exchanged in a case of Harmful interference

RR Appendix 10 information corresponds to particulars of

- i) The station causing the interference;
- ii) The transmitting station interfered with and
- iii) The receiving station experiencing the interference,
- ✓ Name, call sign or other means of identification,
- ✓ Frequency, Class of emission, Bandwidth,
- ✓ Field strength or PFD , Polarization,
- ✓ Location / position / area / bearing,
- ✓ Location of the facilities making the measurements,
- ✓ Date, time and nature of interference, and
- ✓ Action requested

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International monitoring (3)



Sample of monitoring information published for the HF bands ✓ Administration code responsible for the monitoring centre ✓ Monitoring centre where the observation was made. ✓Frequency measured in kilohertz ✓ Day during which the observation was made ✓ Month during which the observation was made ✓ Starting time of the observed emission Finishing time of the observed emission ✓Field strength measured in dB ✓Identification of the observed emission ✓ Administration code responsible for the observed emission ✓ Class of station of the monitored emission ✓ Occupied bandwidth Minutes portion of Longitude ✓ Class of emission ✓ Degrees portion of Latitude ✓North or South Latitude ✓ Degrees portion of Longitude ✓ East or West Longitude ✓ Minutes portion of Latitude ✓ Bearing of the station in degrees ✓ Estimated accuracy or the classification of bearing ✓ Number of the column containing characteristics which are not in conformity ✓ Remarks See at http://www.itu.int/ITU-R/terrestrial/monitoring/index.html ITU-D Regional Development Forum for the Arabic Region, Tunis, Tunisia, 1-3 June 2009





List of some radio service				
abbreviations (1)				
Abbre- viations	Radio services	RR definition		
AMS	aeronautical mobile service	No. 1.32		
AM(R)S	aeronautical mobile (route) service	No. 1.33		
AMSS	aeronautical mobile-satellite service	No. 1.35		
AMS(R)S	aeronautical mobile-satellite (route) service	No. 1.36		
ARNS	aeronautical radionavigation service	No. 1.46		
ARNSS	aeronautical radionavigation-satellite service	No. 1.47		
ARS	amateur service	No. 1.56		
ARSS	amateur-satellite service	No. 1.57		
BS	broadcasting service	No. 1.38		
BSS	broadcasting-satellite service	No. 1.39		
EESS	Earth exploration-satellite service	No. 1.51		
FS	fixed service	No. 1.20		
FSS	fixed-satellite service	No. 1.21		
ISS	inter-satellite service	No. 1.22		
LMS	land mobile service	No. 1.26		
LMSS	land mobile-satellite service	No. 1.27		
MetAids	meteorological aids service	No. 1.50		
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List of some radio service					
abbreviations (1)					
Abbre- viations	Radio services	RR definition			
MetSat	meteorological-satellite service	No. 1.52			
MMS	maritime mobile service	No. 1.28			
MMSS	maritime mobile-satellite service	No. 1.29			
MRNS	maritime radionavigation service	No. 1.44			
MRNSS	maritime radionavigation-satellite service	No. 1.45			
MS	mobile service	No. 1.24			
MSS	mobile-satellite service	No. 1.25			
RAS	radio astronomy service	No. 1.58			
RDS	radiodetermination service	No. 1.40			
RDSS	radiodetermination-satellite service	No. 1.41			
RLS	radiolocation service	No. 1.48			
RLSS	radiolocation-satellite service	No. 1.49			
RNS	radionavigation service	No. 1.42			
RNSS	radionavigation-satellite service	No. 1.43			
SOS	space operation service	No. 1.23			
SRS	space research service	No. 1.55			
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