

COORDINATION OF EARTH STATIONS

WITH RESPECT TO TERRESTRIAL STATIONS / OTHER EARTH STATIONS

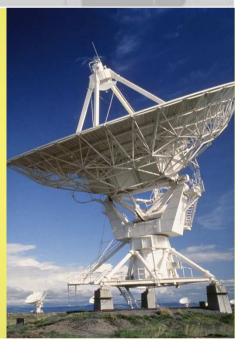


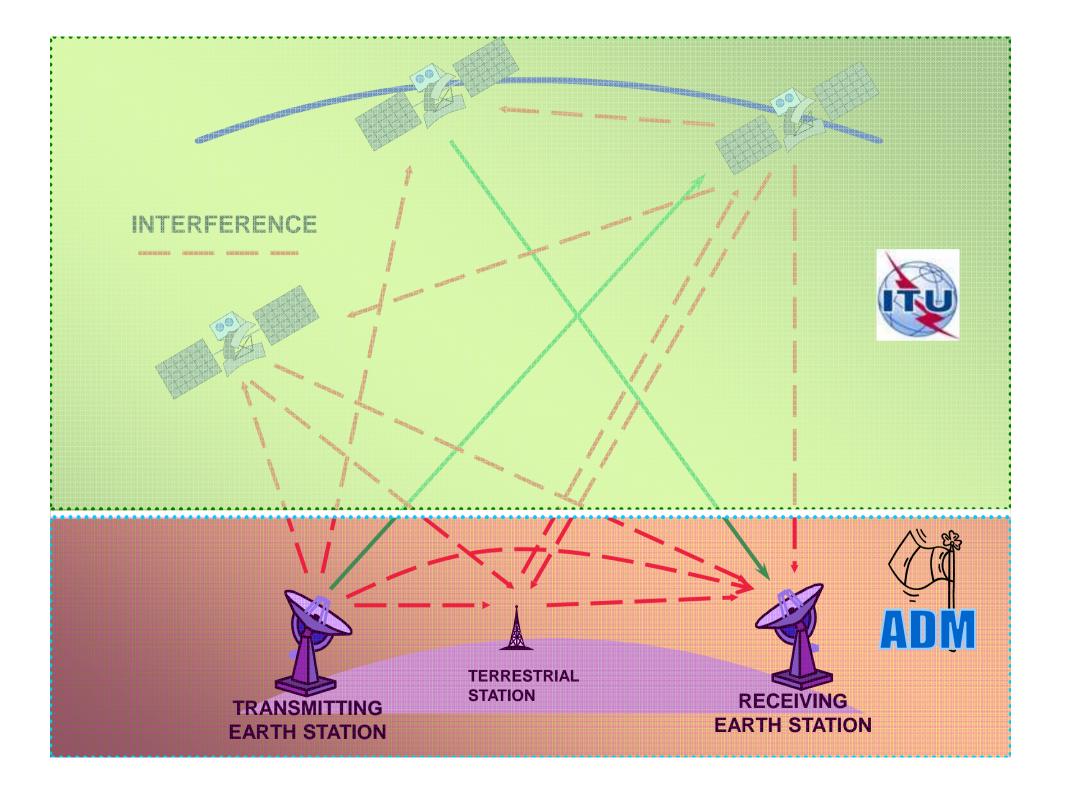


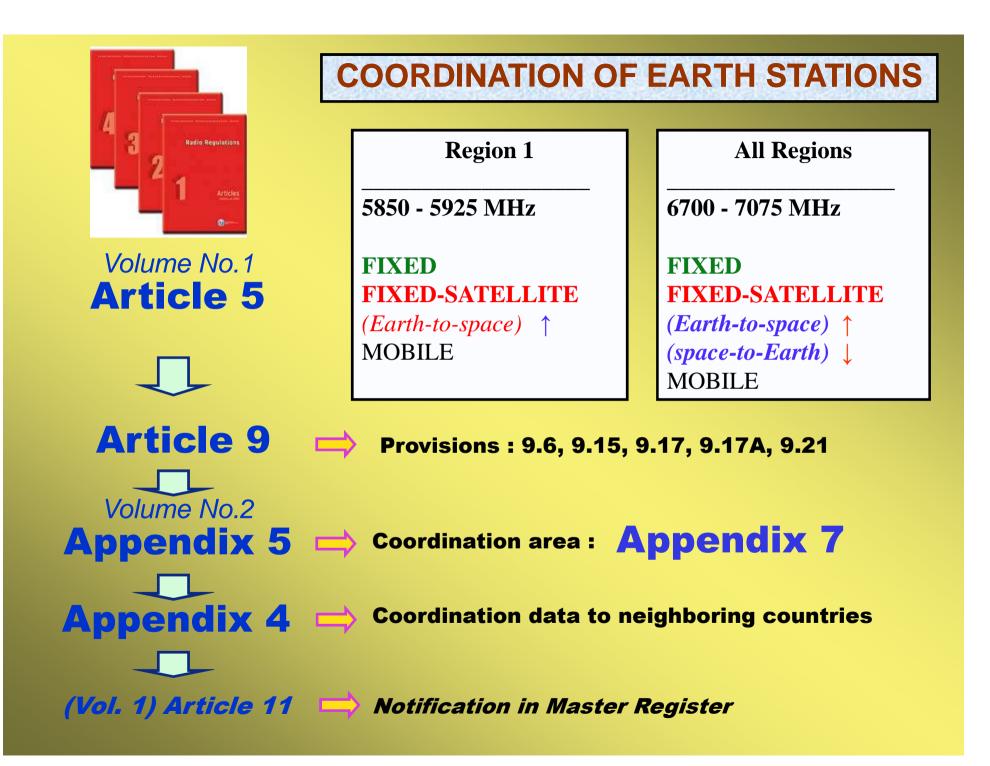
DongSik KIM (Dong-sik.kim@itu.int)

Space Services Department

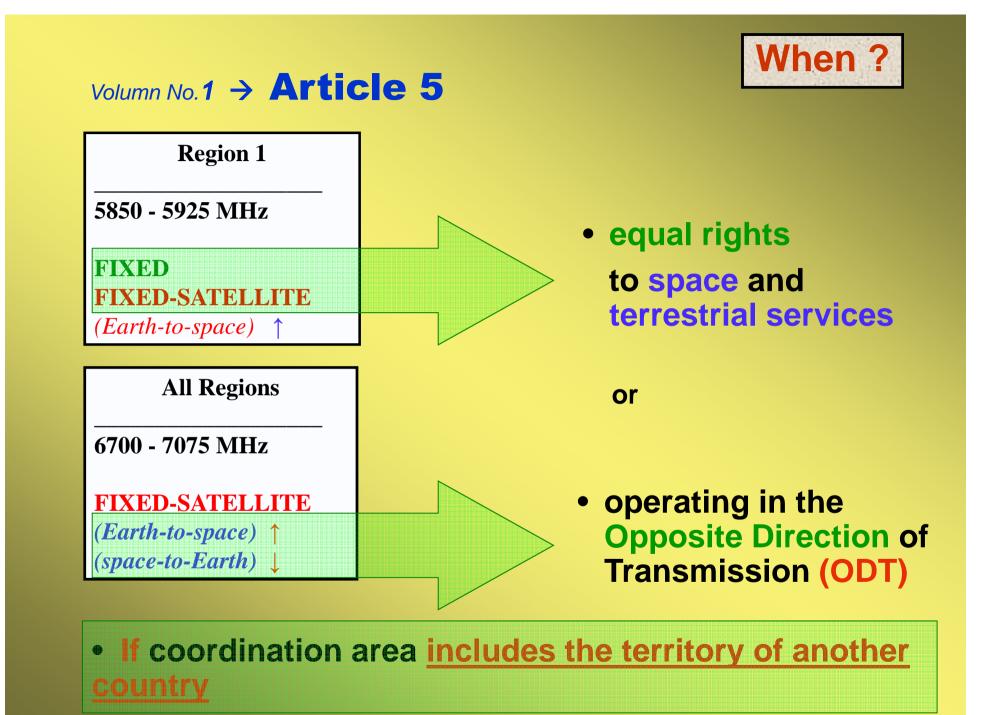
World Radiocommunication Seminar 2010 (Geneva, 10 Dec 2010)





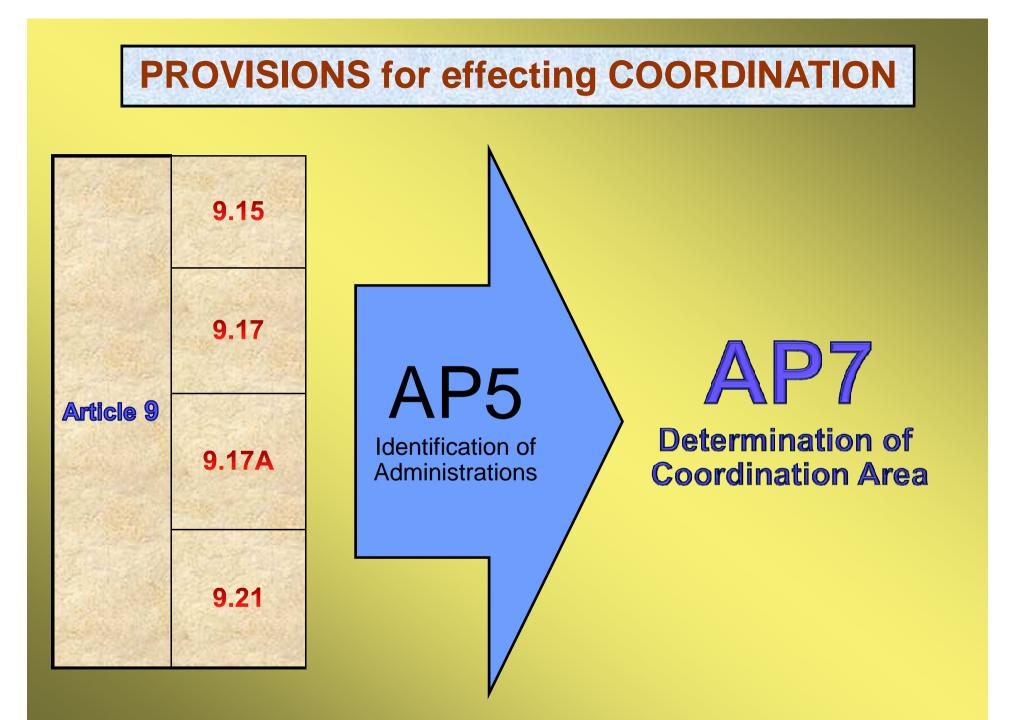


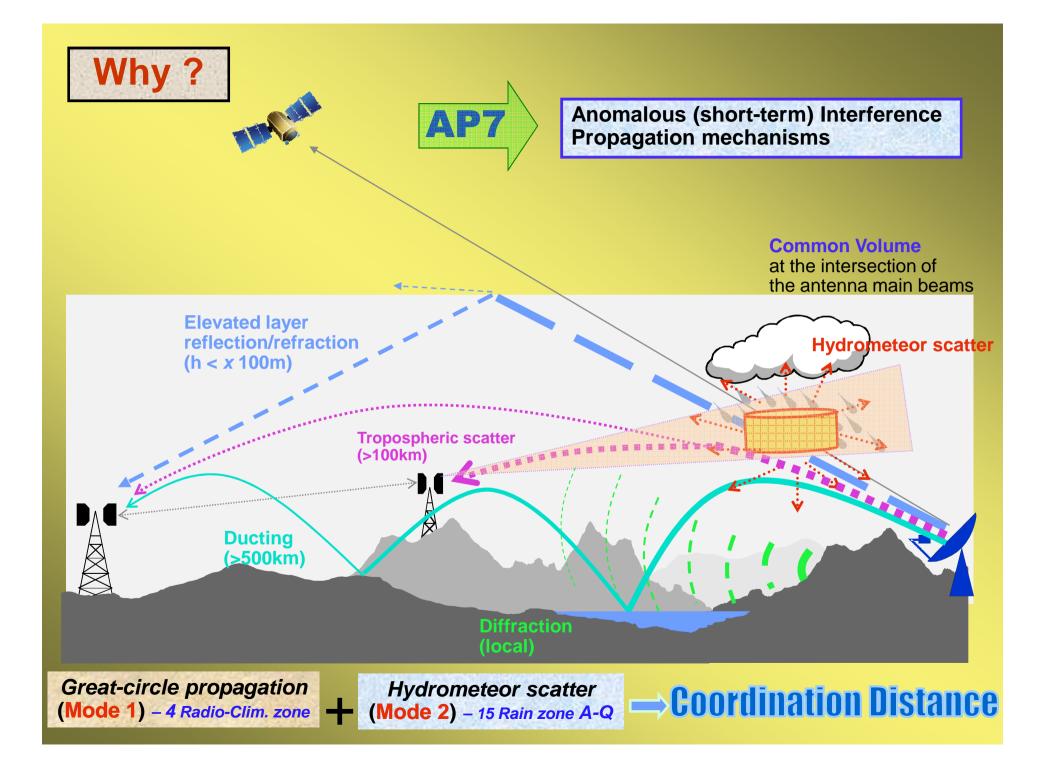


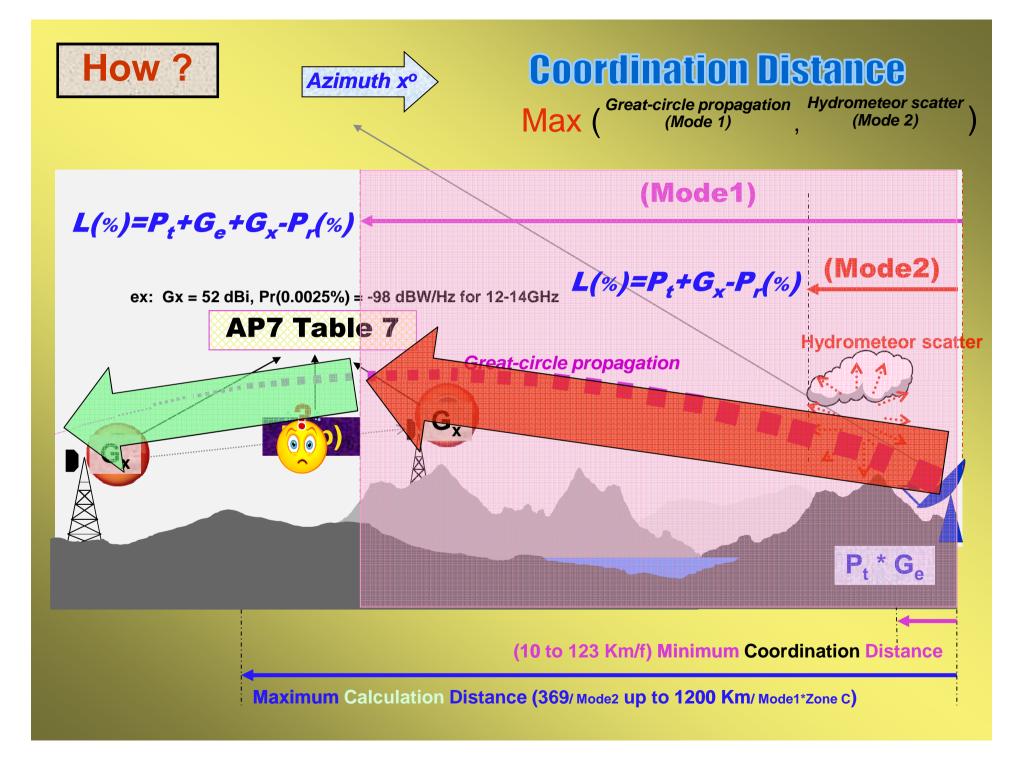


PROVISIONS for effecting COORDINATION









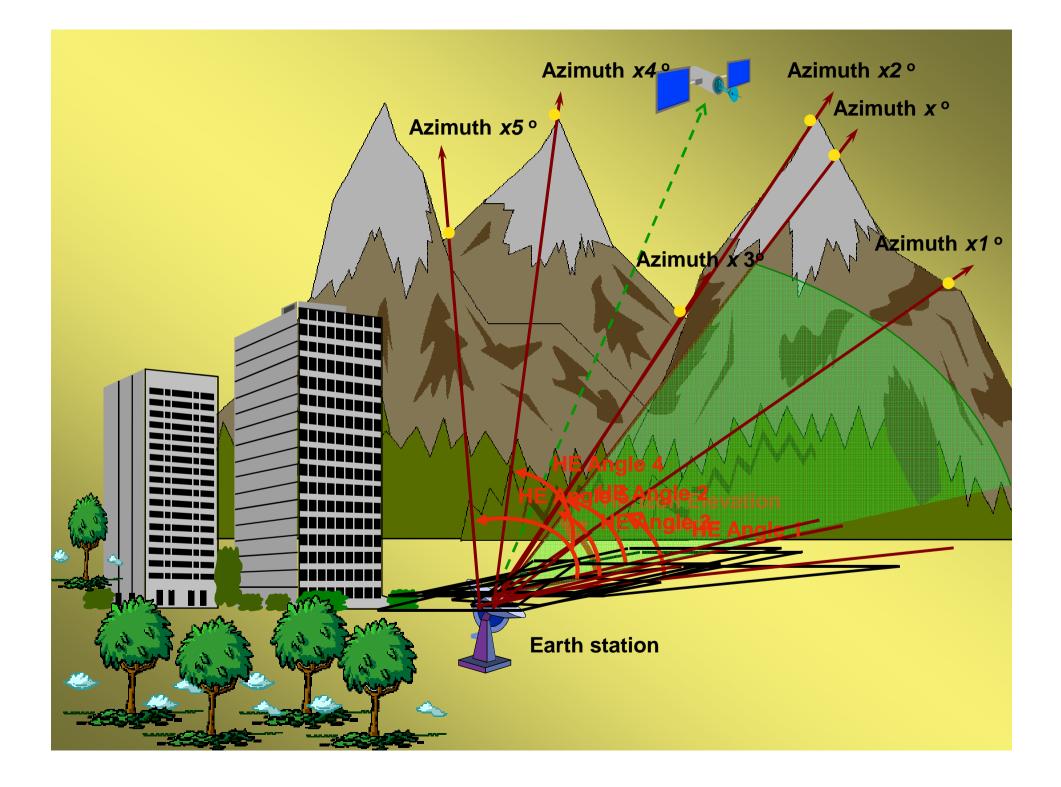
APPENDIX 7 Methods for the Determination of the Coordination Area 0 315 45 **Coordination contours with the** HNG greatest coordination distance ROU HRV YUG **Howeve** E It represents a regulatory concept TUR based on unfavorable assumptions. 270 MLT i.e. ALG It's not a EGY exclusion zone. LBY Mode(1) means Mode(2) More detailed calculations and 225 180 discussions need to be performed.

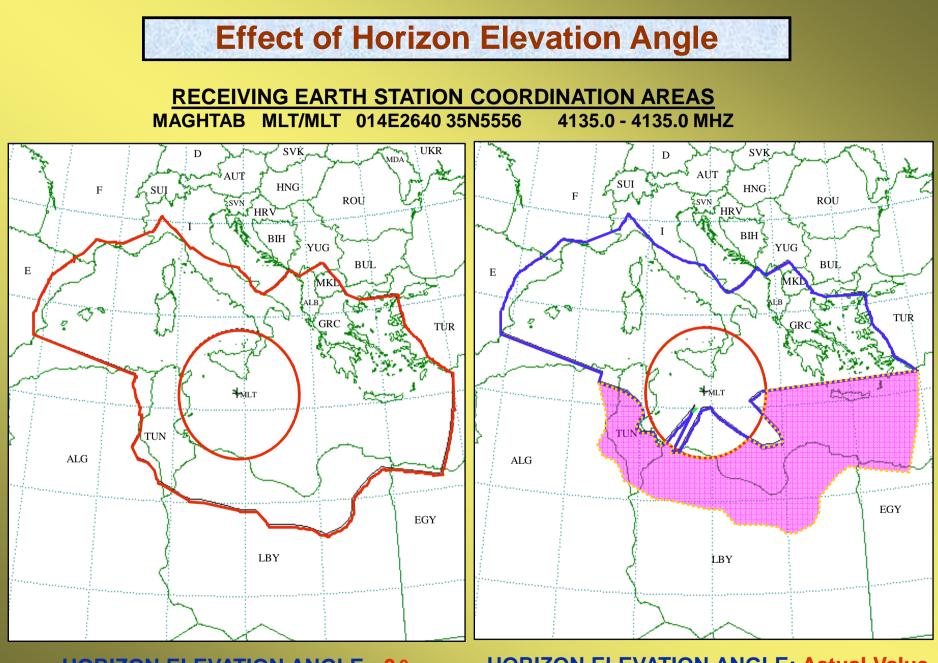


Coordination data

Appendix 4, Annex 2

	GEOGRAPHICAL DATA	(Earth station's) Location, Altitude
TTROPIC	SATELLITE	Orbital Location, Identification (Geo, Non-Geo)
	ANTENNA	Maximum gain Radiation pattern
	SIGNAL CHARACTERISTICS	Power Maximum Power Density Frequencies Noise temperature Emission Type
	Others	Horizontal Elevation Angle





HORIZON ELEVATION ANGLE : 0 °

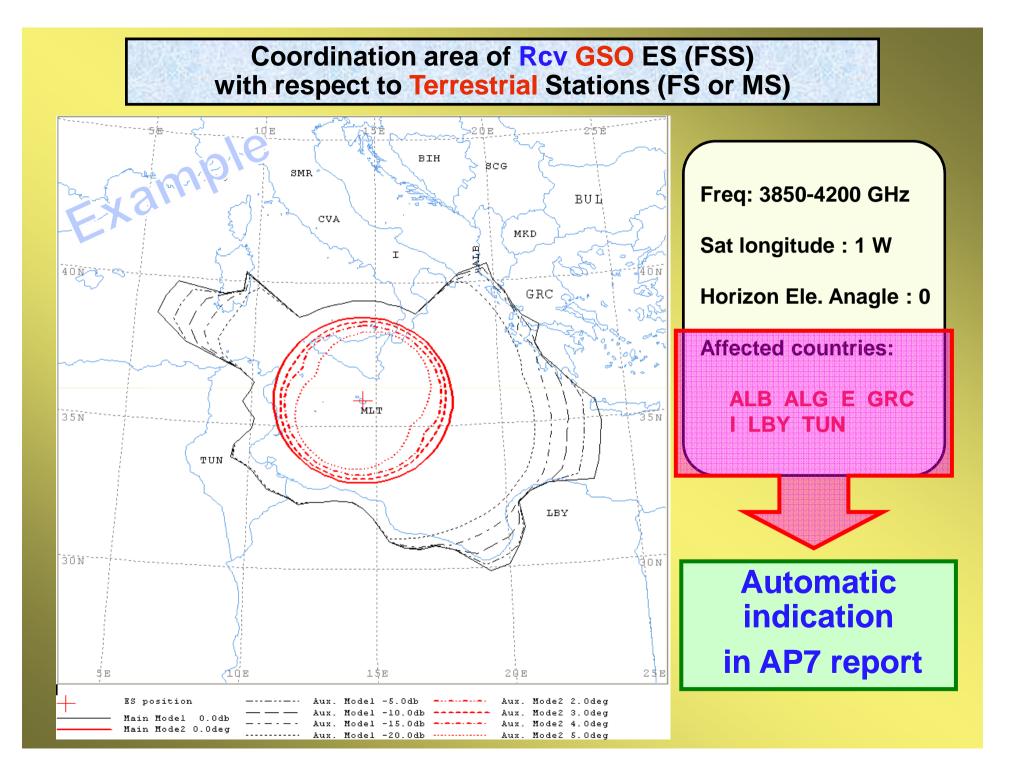
HORIZON ELEVATION ANGLE: Actual Value



Computer Program for Determination of Coordination Area

AP7 embedded in GIBC

Gibc - Graphical Interface for Batch 💶 🗖 🔀				
Appendix 8 PFD (terrestrial serv.) PFD (space serv.) Appendix 7 Appendix 30B Tools / Options				
Network ID: Calculate Report				
✓ Warning ✓ Error ✓ Progress				
Message Module Code				
Calculation Output Aux Contours				
Out DB: C:\BR_TEX_RESULTS\APP7\ESCC.MDB				
RTF Report Generation C:\BR_TEX_RESULTS\APP7\ESCC.MDB				
✓ Print Auxiliary Scale (km)				
1.5.0.7 Appendix 7				
<u>E</u> XIT Help				



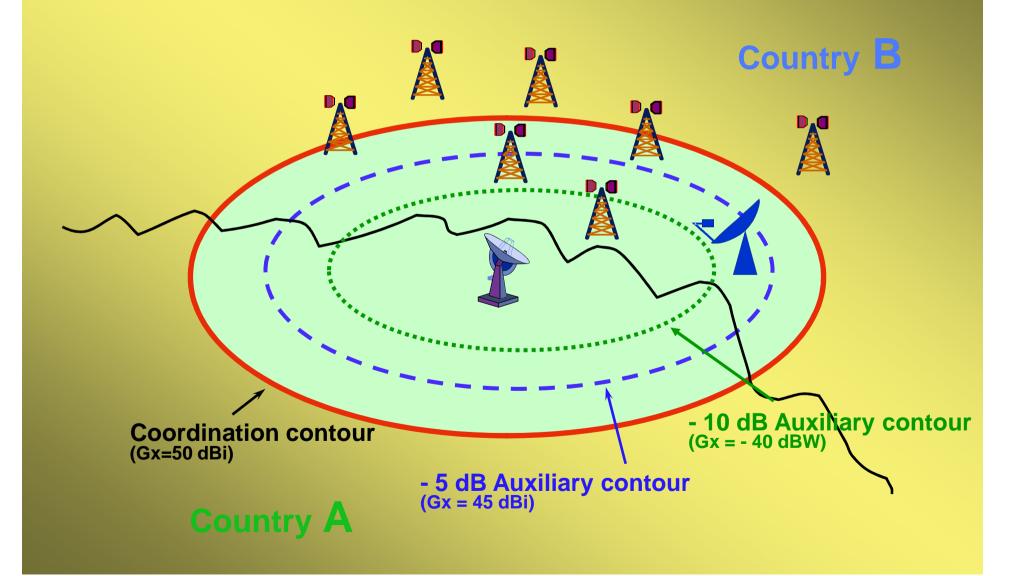
Coordination Area with Auxiliary lines

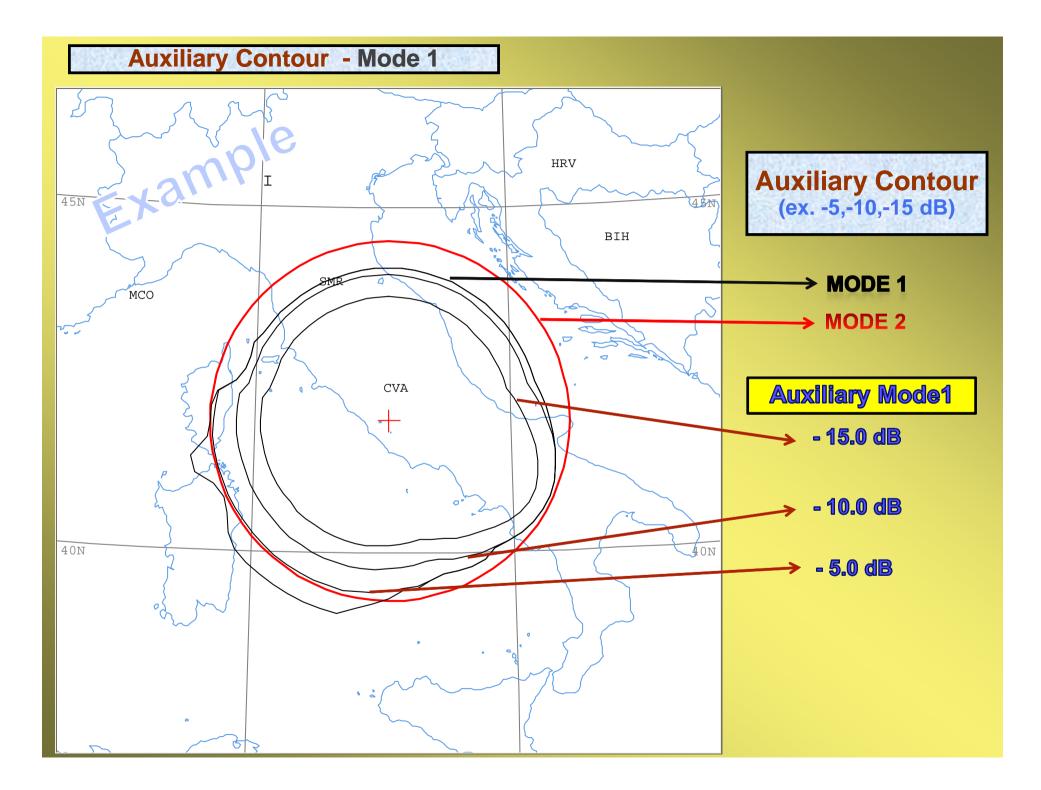
AP7 embedded in GIBC				
Gibc - Graphical Interface for Batch 🔳 🗖 🔀	Auxiliary Contour			
Appendix 8 PFD (terrestrial serv.) PFD (space serv.) Appendix 7 Appendix 30B Tools / Options				
Network ID: Calculate Report	Extra coordination lines inside main contour			
✓ Warning ✓ Error ✓ Progress Message Module Code				
	Auxiliary Contours			
	Mode 1 (dB) Mode 2 (Deg) OK Add dB Add Deg Cancel			
Aux Contours	Clear All Clear All			
Out DB: C:\BR_TEX_RESULTS\APP7\ESCC.MDB RTF Report Generation				
C:\BR_TEX_RESULTS\APP7\ESCC.MDB	It's all			
Version 1.5.0.7 Appendix 7	Complementary information.			

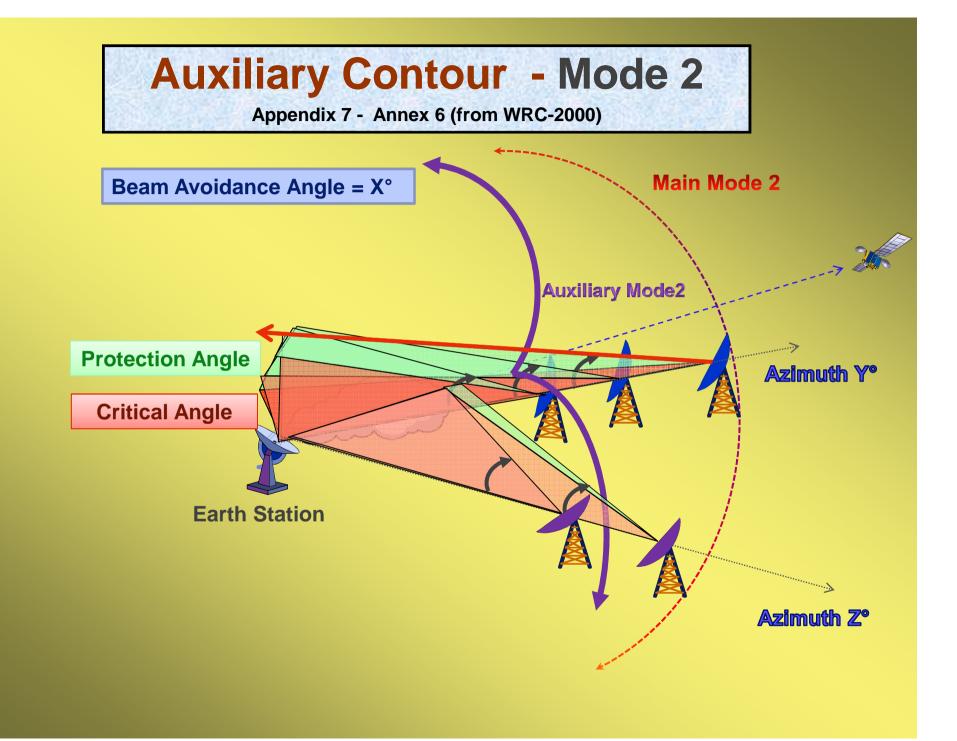
Which S/W?

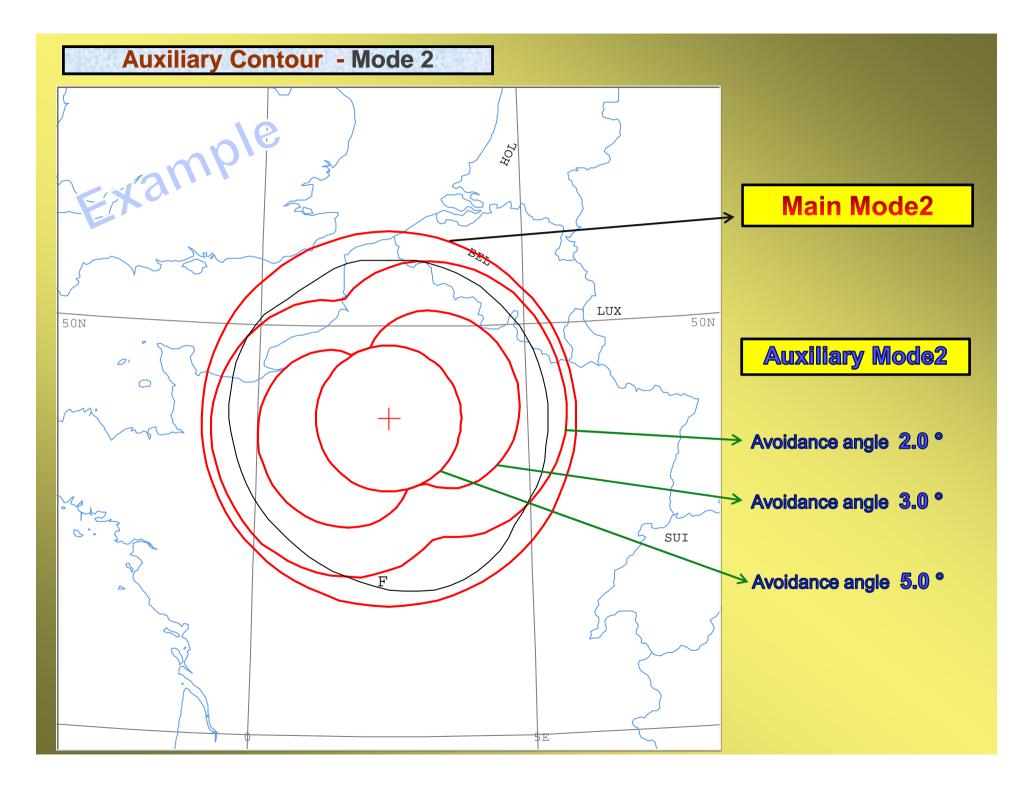
Auxiliary Contour - Mode 1 (& 2)

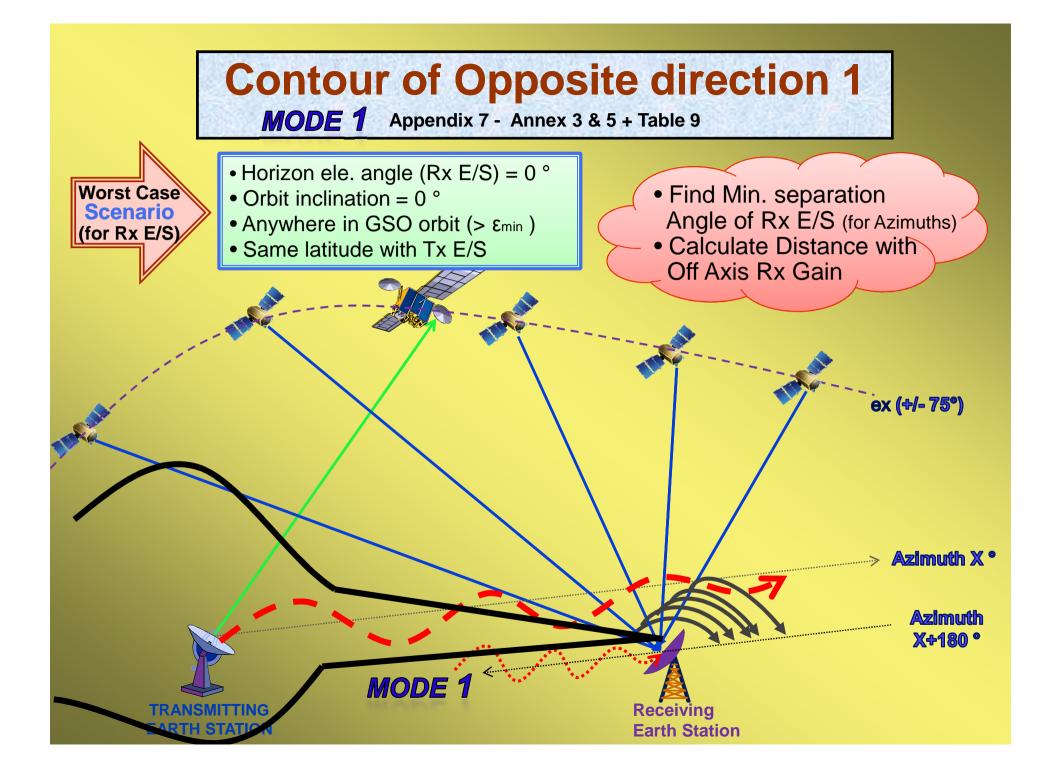
Appendix 7 - Annex 6

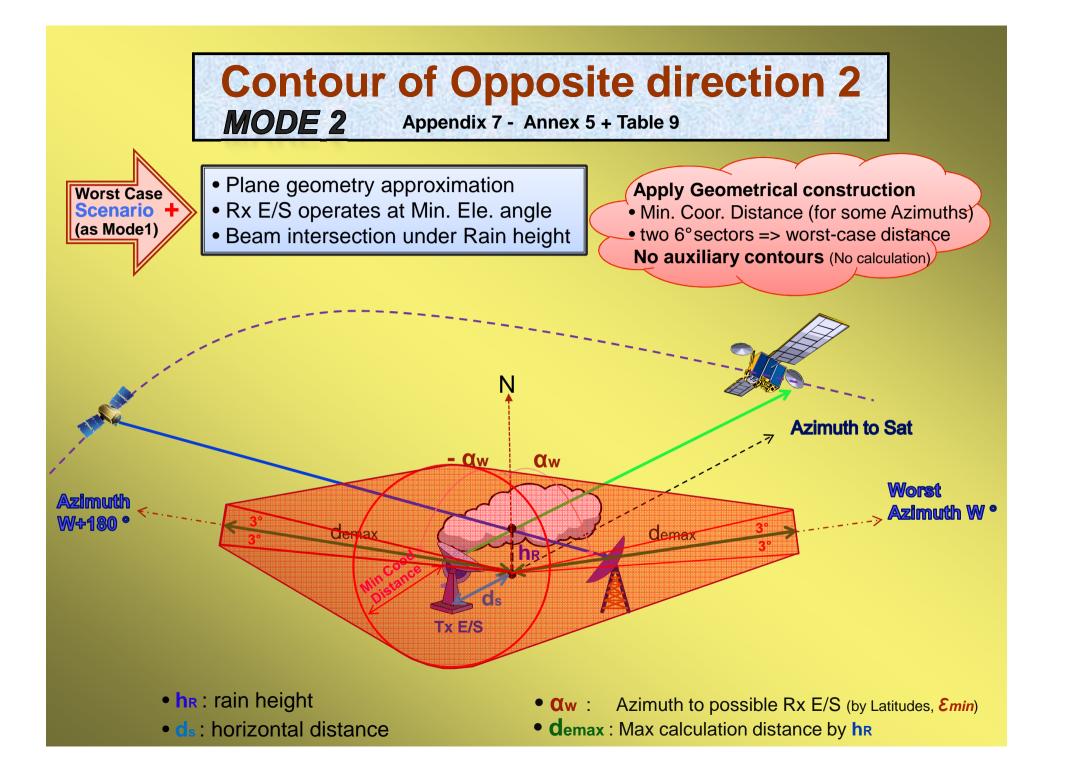


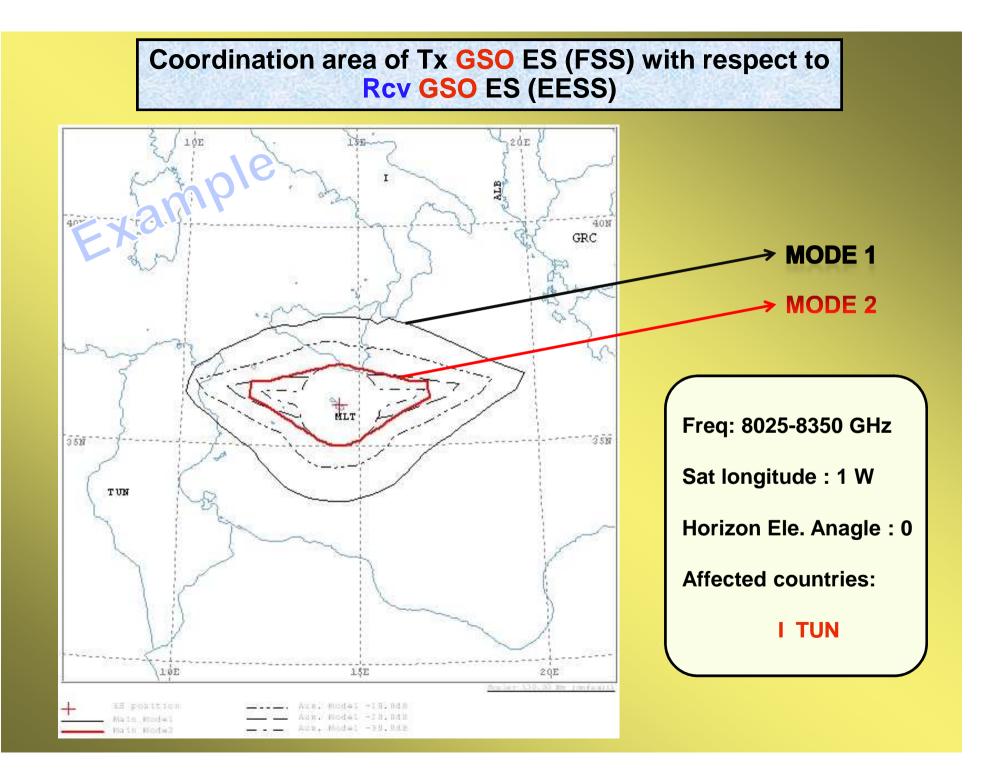


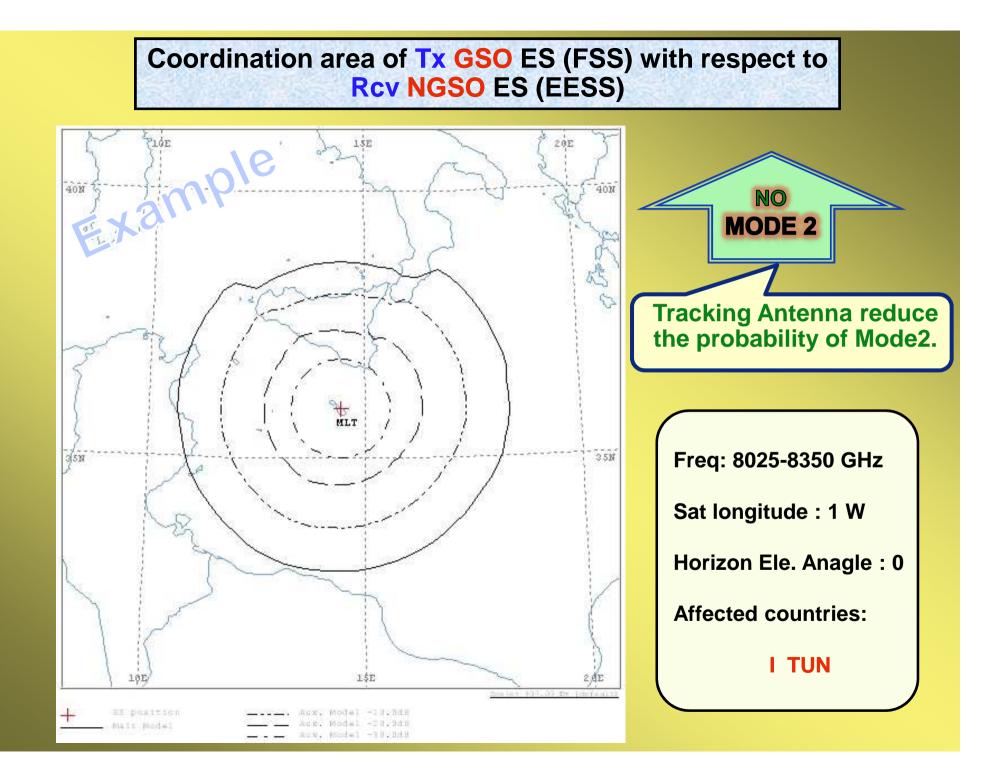


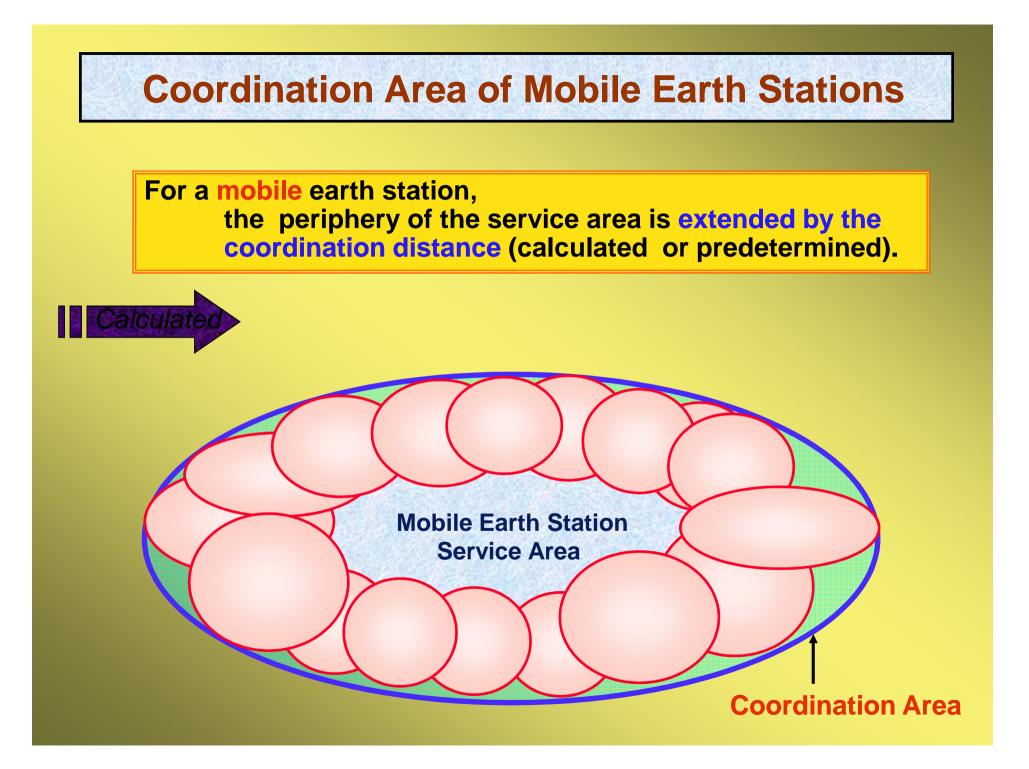


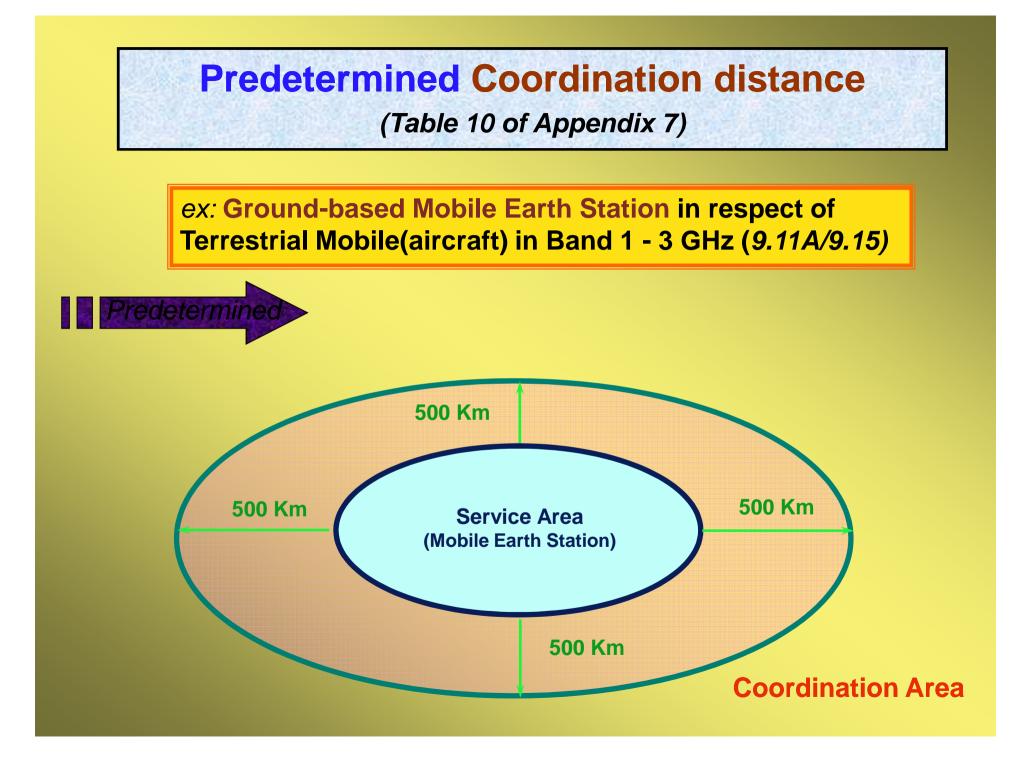


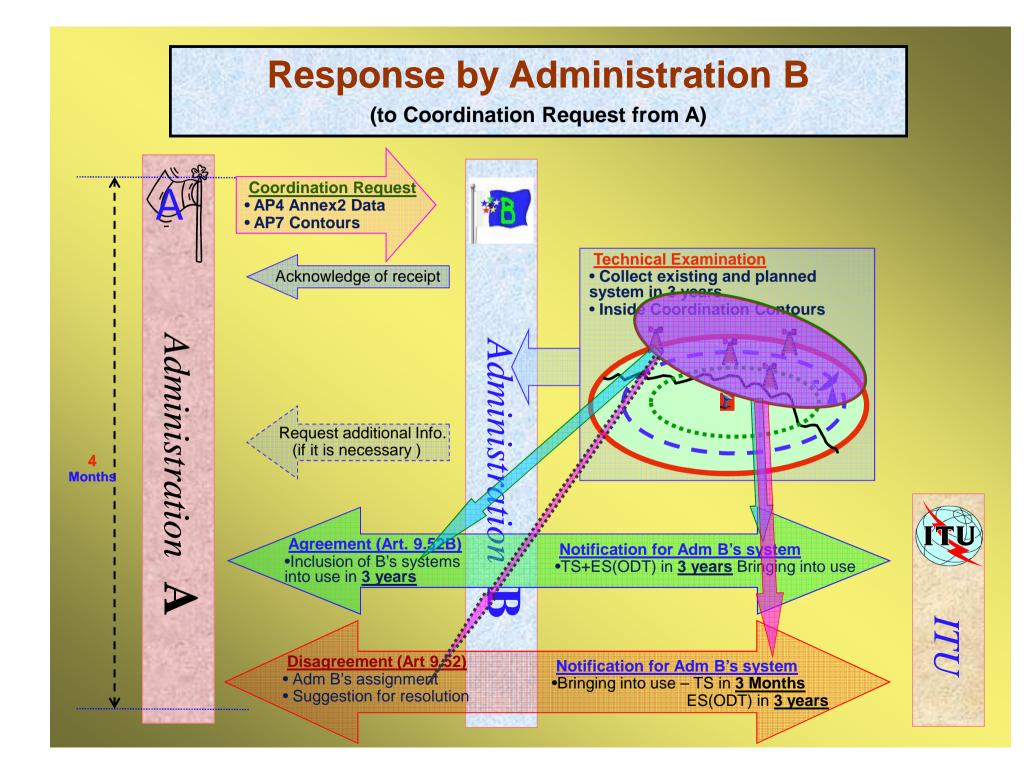


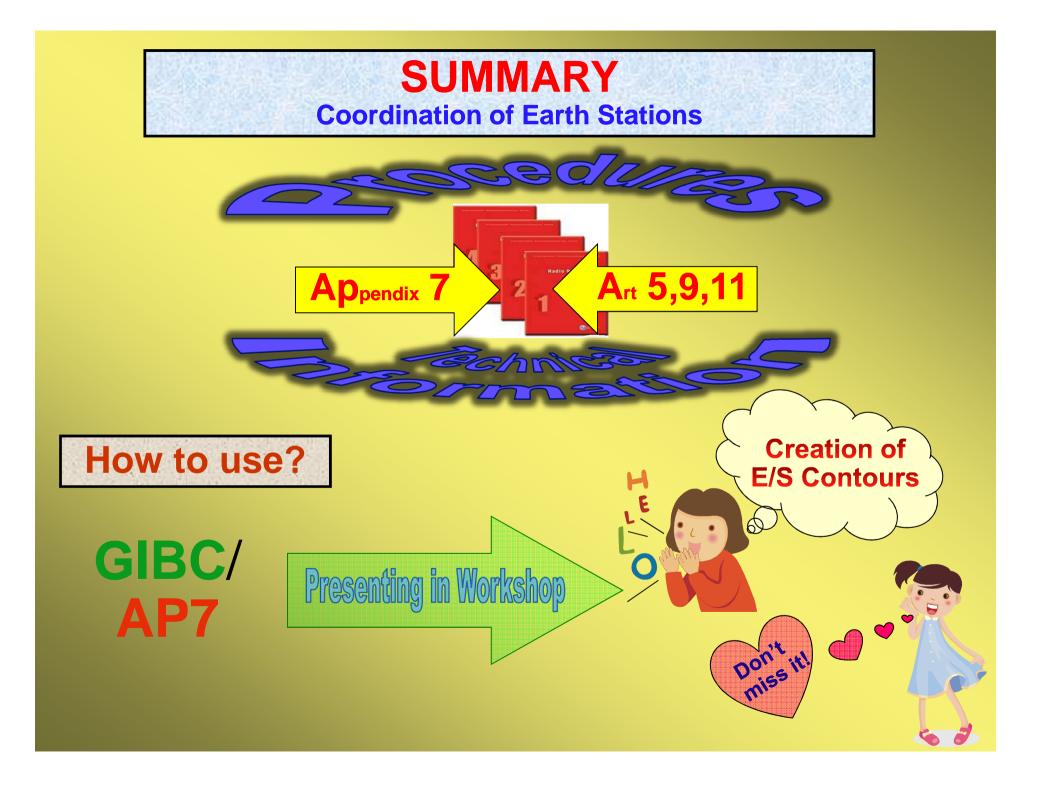




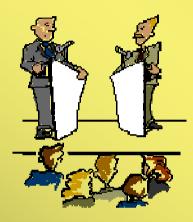








Question ?











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