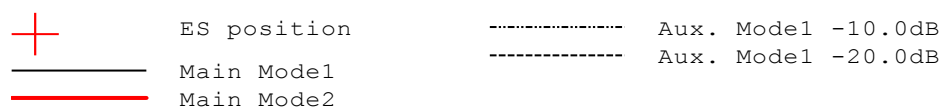
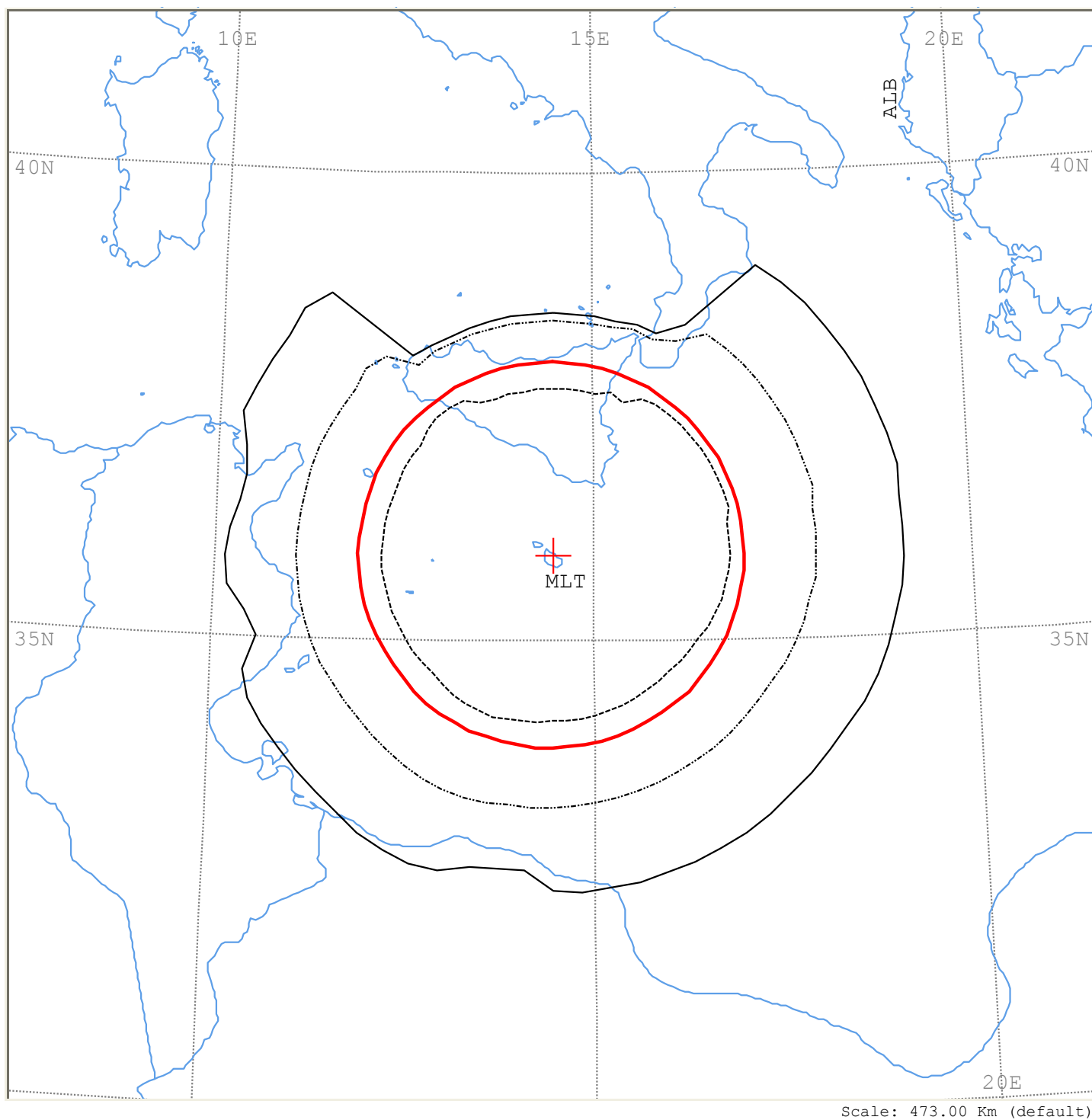


Diagram1: 2.1 TABLE7. TRANSMITTING GSOES in FIXED-SATELLITE SERVICE W.R.T. RECEIVING TERRESTRIAL STATIONS.
TS in FS or MS

Notice ID: 87501000
Administration/Geographical area: MLT/MLT
Satellite orbital position: -1.00
Frequency band: 5925.00-6425.00 MHz

Earth station name: MAGTAB
Earth station position: 014E264035N5556
Satellite name: INTELSAT



ANALYSIS DATE AND TIME: 2010-10-06 10:07:31

VERSION: 1.5.0.7Appendix 7/Plt-1.6.0.0/Frm-1.8.0.0/C1c-1.5.0.2/Prp-1.2.0.0/SNS-1.0.0.142/AP7F-1.0.0.142/Ref-1.4.0.0

Diagram 1: 2.1_TABLE7. TRANSMITTING GSO ES in FIXED-SATELLITE SERVICE W.R.T. RECEIVING TERRESTRIAL STATIONS. TS in FS or MS

NOTICE ID: 87501000 EARTH STATION NAME: MAGTAB EARTH STATION POSITION: 014E264035N5556 PHASE: D
ADM/GEO_AREA: MLT/MLT RAIN CLIMATICAL_ZONE: K
SATELLITE NAME: INTELSAT SATELLITE ORBITAL POSITION: -1.00 DEG
ANTENNA AZIMUTH: 205.21 DEG ANTENNA ELEVATION: 45.19 DEG
FREQUENCY BAND: 5925.00-6425.00 MHZ ASSIGNED FREQUENCY: 6175.00 MHZ PERCENTAGE OF TIME: 0.0050 %
MAXIMUM ANTENNA GAIN: 63.0 DBI MAXIMUM POWER DENSITY: -33.0 DBW/HZ NOISE TEMPERATURE: - K
ANTENNA PATTERN: APERR_001V01
2.1_TABLE7 Model: PLM_DUCTING

TRANSMISSION LOSS MODE 1: 180.0 DB (DOES NOT INCLUDE HOR. CORR. AND ANT. GAIN)

TRANSMISSION LOSS MODE 2: 134.0 DB

AZIMUTH	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115
OFF-AXIS	129.6	131.4	132.8	133.9	134.6	134.8	134.6	134.0	133.0	131.5	129.8	127.7	125.4	122.8	120.0	117.1	114.0	110.8	107.5	104.1	100.7	97.2	93.7	90.1
HOR.ELEV.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOR.CORR.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANT.GAIN	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0

COORDINATION DISTANCE (KM)

MODE 1

0.0 DB	287	287	287	287	292	291	315	421	423	423	423	423	423	423	423	417	417	417	417	414	414	412	410
-10.0 DB	277	277	278	278	284	281	293	319	320	320	320	320	320	320	320	315	315	315	315	311	311	309	307
-20.0 DB	197	197	197	197	205	198	212	216	217	217	217	217	217	217	217	212	212	212	212	209	209	207	205

MODE 2

0.0 DEG	228	228	228	228	228	228	228	228	228	228	228	228	228	228	228	228	228	228	229	229	229	229	229
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AZIMUTH	120	125	130	135	140	145	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220	225	230	235
OFF-AXIS	86.6	83.1	79.6	76.2	72.8	69.5	66.3	63.2	60.2	57.4	54.8	52.5	50.4	48.6	47.2	46.1	45.4	45.2	45.4	46.0	47.0	48.5	50.2	52.3
HOR.ELEV.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOR.CORR.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANT.GAIN	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-9.8	-9.6	-9.4	-9.4	-9.4	-9.6	-9.8	-10.0	-10.0

COORDINATION DISTANCE (KM)

MODE 1

0.0 DB	404	403	402	402	402	402	402	402	402	402	402	403	399	376	378	384	399	404	406	404	400	398	398	399
-10.0 DB	302	301	300	300	300	300	300	300	300	300	300	301	301	302	303	306	308	308	308	306	304	302	302	302
-20.0 DB	200	199	199	198	198	198	198	198	198	199	199	199	199	200	201	204	206	206	206	204	202	200	200	201

MODE 2

0.0 DEG	229	229	229	230	230	230	230	230	230	230	230	230	230	231	231	231	231	231	231	231	231	231	230	230
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AZIMUTH	240	245	250	255	260	265	270	275	280	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355
OFF-AXIS	54.6	57.2	60.0	62.9	66.0	69.2	72.5	75.9	79.3	82.8	86.3	89.9	93.4	96.9	100.4	103.8	107.2	110.5	113.7	116.8	119.8	122.6	125.2	127.5
HOR.ELEV.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOR.CORR.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANT.GAIN	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0

COORDINATION DISTANCE (KM)

MODE 1

0.0 DB	399	401	393	365	373	389	389	385	376	375	386	405	406	406	406	414	406	289	287	287	287	287	287	287
-10.0 DB	302	303	304	304	304	304	304	303	303	303	303	303	304	304	304	311	306	275	277	277	277	277	277	277
-20.0 DB	201	201	202	202	202	202	202	201	201	201	201	201	202	202	202	209	212	212	210	198	196	197	196	196

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MODE 2
0.0 DEG 230 230 230 230 230 230 230 230 229 229 229 229 229 229 229 229 228 228 228 228 228 228 228

PROBABLY AFFECTED COUNTRIES: I LBY TUN

Diagram2: 2.1 TABLE8. RECEIVING GSOES in FIXED-SATELLITE SERVICE W.R.T. TRANSMITTING TERRESTRIAL STATIONS.
TS in FS or MS

Notice ID: 87501000

Administration/Geographical area: MLT/MLT

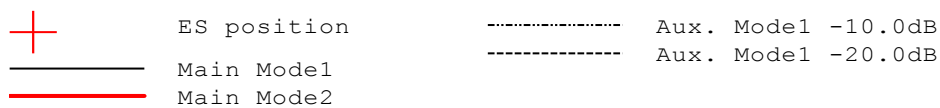
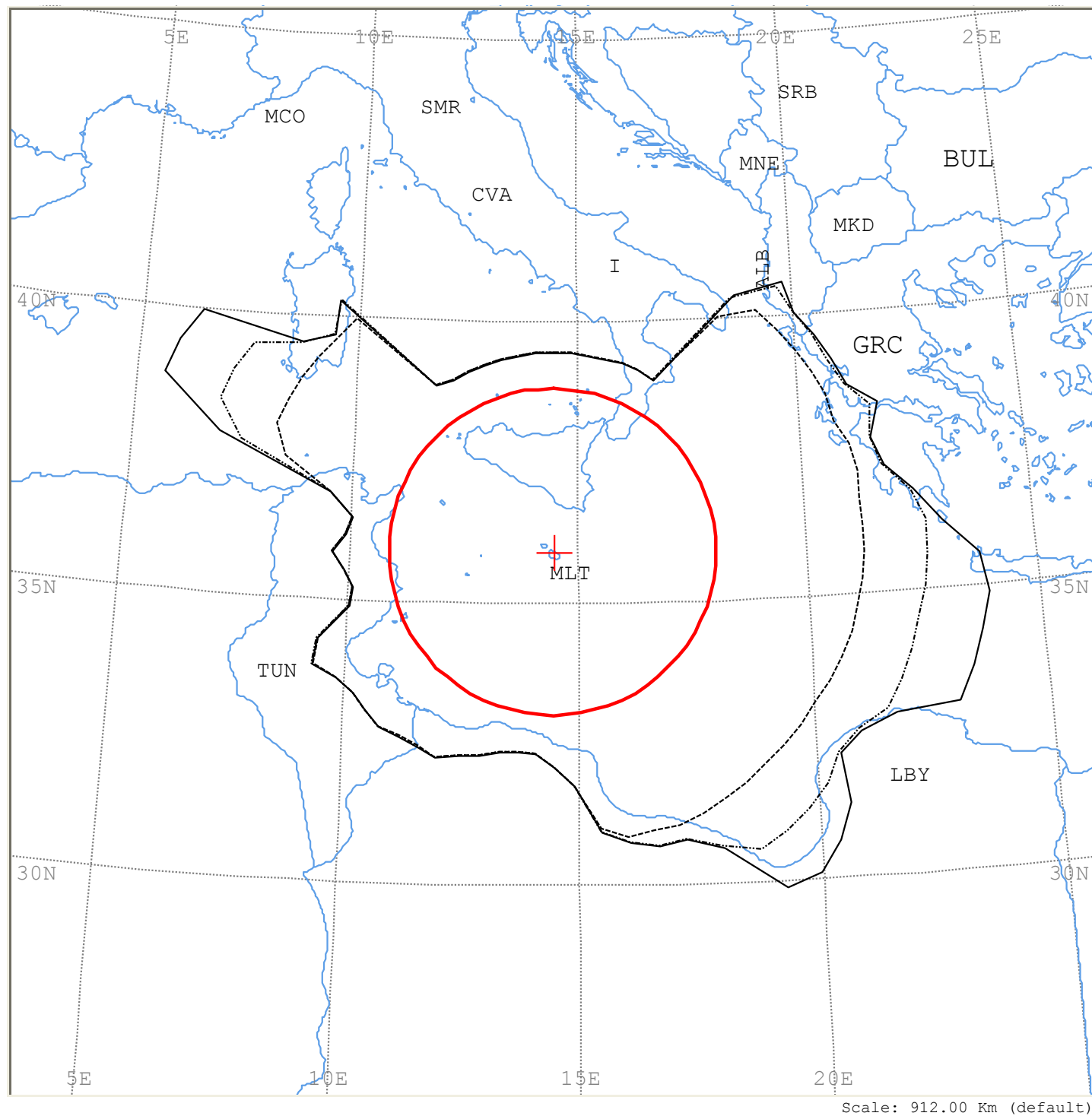
Satellite orbital position: -1.00

Frequency band: 3700.00-4200.00 MHz

Earth station name: MAGTAB

Earth station position: 014E264035N5556

Satellite name: INTELSAT



VERSION: 1.5.0.7Appendix 7/Plt-1.6.0.0/Frm-1.8.0.0/Clc-1.5.0.2/Prp-1.2.0.0/SNS-1.0.0.142/AP7F-1.0.0.142/Ref-1.4.0.0

NOTICE ID:	87501000	EARTH STATION NAME:	MAGTAB	EARTH STATION POSITION:	014E264035N5556	PHASE:	D
ADM/GEO_AREA:	MLT/MLT	RAIN CLIMATICAL_ZONE:	K				
SATELLITE NAME:	INTELSAT	SATELLITE ORBITAL POSITION:	-1.00 DEG				
ANTENNA AZIMUTH:	205.21 DEG	ANTENNA ELEVATION:	45.19 DEG				
FREQUENCY BAND:	3700.00-4200.00 MHZ	ASSIGNED FREQUENCY:	3950.00 MHZ	PERCENTAGE OF TIME:	0.0017 %		
MAXIMUM ANTENNA GAIN:	59.3 DBI	MAXIMUM POWER DENSITY:	- DBW/HZ	NOISE TEMPERATURE:	100.0 K		
ANTENNA PATTERN:	APERR_001V01						
2.1 TABLE8 Model:	PLM DUCTING						

[illegible]

	240	245	250	255	260	265	270	275	280	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355
AZIMUTH	240	245	250	255	260	265	270	275	280	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355
OFF-AXIS	54.6	57.2	60.0	62.9	66.0	69.2	72.5	75.9	79.3	82.8	86.3	89.9	93.4	96.9	100.4	103.8	107.2	110.5	113.7	116.8	119.8	122.6	125.2	127.5
HOR.ELEV.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOR.CORR.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANT.GAIN	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0
COORDINATION DISTANCE (KM)																								
MODE 1																								
0.0 DB	497	524	496	415	400	415	435	409	401	456	701	846	848	839	645	605	650	401	392	392	392	392	392	392
-10.0 DB	497	524	496	415	400	415	435	409	401	456	653	723	724	719	643	605	649	401	392	392	392	392	392	392
-20.0 DB	494	520	493	415	400	415	435	409	401	456	561	599	600	600	600	596	599	401	392	392	392	392	392	392

ANALYSIS DATE AND TIME: 2010-10-06 10:07:31
VERSION: 1.5.0.7Appendix 7/Plt-1.6.0.0/Frm-1.8.0.0/C1c-1.5.0.2/Prp-1.2.0.0/SNS-1.0.0.142/AP7F-1.0.0.142/Ref-1.4.0.0

MODE 2
0.0 DEG 324 324 324 324 324 324 323 323 323 323 323 323 323 322 322 322 322 322 322 322 322 321

PROBABLY AFFECTED COUNTRIES: ALB GRC I LBY TUN