


ENR 3.3 ROUTES DE NAVIGATION DE SURFACE (RNAV) /  
AREA NAVIGATION (RNAV) ROUTES

Route designator (RNP type) Name of significant points WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit  Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>L 44</b> <sup>(1) (2)</sup> <b>(RNP 5)</b>						
d ABDAB (FIR BDRY) 375321N 0103743E	RDL016/65NM TUC VOR/DME RDL 143/90NM CAR VOR/DME	65				<sup>(1)</sup> Portion ABDAB/TUC usable Southbound only. <sup>(2)</sup> Alignment superimposed on conventional ATS route A743 and A606.  Tunis Maghreb Control 132.55 MHz 129.3 MHz 129.5 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz  ▲ ATS/MET REP
d TUNIS VOR/DME (TUC) 365105.7N 0101349.2E		37			On Tunis ACC instructions	
d RATBA 361709N 0095602E	RDL202/37NM TUC VOR/DME RDL 308/51NM MON VOR/DME	37	FL245 FL195 Class A		↑ ↓	
d ADRAM 354248N0093819E	RDL202/74NM TUC VOR/DME RDL 266/54NM MON VOR/DME	56	FL195 FL155 Class D			
▲ SIDI BEN AOUN VOR (BAN) 345148.1N 0091003.9E		77				
d TOZEUR VOR/DME (TON) 335627.6N 0080601.4E						

Route designator (RNP type) Name of significant points WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>UL 44</b> <sup>(1) (2)</sup> <b>(RNP 5)</b>						
d ABDAB (UIR BDRY) 375321N 0103743E	RDL 016/65NM TUC VOR/DME RDL 143/90NM CAR VOR/DME	65	FL460 FL245 Class A	On Tunis ACC instructions		<sup>(1)</sup> Portion ABDAB/TUC usable Southbound only <sup>(2)</sup> Alignment superimposed on conventional ATS route UA743 and UA606  Tunis Maghreb Control 132.55 MHz 129.3 MHz 129.5 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz  ▲ ATS/MET REP
d TUNIS VOR/DME (TUC) 365105.7N 0101349.2E		37				
d RATBA 361709N 0095602E		37				
d ADRAM 354248N0093819E		56				
▲ SIDI BEN AOUN VOR (BAN) 345148.1N 0091003.9E		77				
d TOZEUR VOR/DME (TON) 335627.6N 0080601.4E						

Route designator (RNP type) Name of significant points  WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit  Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>L869 <sup>(1)</sup></b>						
<b>(RNP 5)</b>						
d CAP BON VOR (CBN) 365344N 0110518E		26	FL245 FL195 Class A	On Tunis ACC instructions		<sup>(1)</sup> Alignment superimposed on conventional ATS route G728.  Tunis Maghreb Control 132.55 MHz 129.5 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz
			FL195 FL155 Class D			
d TUPAL (FIR BDRY) 371121N 0113000E	RDL 315/32NM PAN VOR/DME RDL 071/64NM TUC VOR/DME					
For continuation see AIP ITALIA						

Route designator (RNP type) Name of significant points WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit  Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>UL869 <sup>(1)</sup></b>						
<b>(RNP 5)</b>						
d CAP BON VOR (CBN) 365344N 0110518E		26	FL 460 FL 245  Class A	On Tunis ACC instructions	(1) Alignment superimposed on conventional ATS route UG728.  Tunis Maghreb Control 132.55 MHz 129.5 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz	
	RDL 315/32NM PAN VOR/DME RDL 071/64NM TUC VOR/DME					
d TUPAL (UIR BDRY) 371121N 0113000E						
For continuation see AIP ITALIA						

Route designator (RNP type) Name of significant points WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit  Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency	
				Odd	Even		
1	2	3	4	5		6	
<b>L874 (RNP 5)</b>							
d OMENI (FIR BDRY) 360226N 0113000E	RDL 092/52NM NBA DVOR/DME RDL 064/40NM MON VOR/DME	08	FL 245 FL 195	On Tunis ACC instructions	The segment between Enfidha DVOR/DME NBA and OMENI is usable only by traffic destination or overflying Malta FIR/UIR.	Tunis Maghreb Control 132.55 MHz 129.5 MHz	
d SORAB 360246N 0112018E	RDL 092/44NM NBA DVOR/DME RDL 058/34NM MON VOR/DME	44	Class A  FL 195 FL 155				
d ENFIDHA DVOR/DME (NBA) 360426.2N 0102606.9E		15	Class D				Tunis Maghreb Information 128.9 MHz
d LOBNA 360910N 0100823E	RDL 308/ 38NM MON VOR/DME RDL 185/42NM TUC VOR/DME						Emergency 121.5 MHz

Route designator (RNP type) Name of significant points WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit  Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>UL874 (RNP 5)</b>						
d OMENI (UIR BDRY) 360226N 0113000E	RDL 092/52NM NBA DVOR/DME RDL 064/40NM MON VOR/DME	08				The segment between Enfidha DVOR/DME NBA and OMENI is usable only by traffic destination or overflying Malta FIR/UIR.
d SORAB 360246N 0112018E	RDL 092/44NM NBA DVOR/DME RDL 058/34NM MON VOR/DME	44	FL 460 FL 245  Class A	On Tunis ACC instructions		
d ENFIDHA DVOR/DME (NBA) 360426.2N 0102606.9E		15				
d LOBNA 360910N 0100823E	RDL 308/ 38NM MON VOR/DME RDL 185/42NM TUC VOR/DME	40	FL 460 FL 285  Class A	↑ ↓	Tunis Maghreb Control 132.55 MHz 129.5 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz	
f PERAM 361505N 0091914E	RDL 153/ 48NM TBK DVOR/DME RDL 280/55NM NBA DVOR/DME	47				
d DIMAO (UIR BDRY) 362418N 0082200E	RDL 253/ 94NM TUC VOR/DME RDL 281/102NM NBA DVOR/DME					

Route designator (RNP type) Name of significant points WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>UM 126</b> <sup>(1) (2)</sup> <b>(RNP 5)</b>						
d DOPEL (UIR BDRY) 383139N 0085301E	RDL 359/93NM TBK DVOR/DME RDL 219/46NM CAR VOR/DME	28	FL460 FL285 Class A			<sup>(1)</sup> Alignment superimposed on conventional ATS route UG729  <sup>(2)</sup> Availability : After coordination between Tunis ACC and Roma ACC.  Tunis Maghreb Control 132.55 MHz 129.5 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz
f VAPIK 380943N 0082955E	RDL 313/114NM TUC VOR/DME RDL 219/74NM CAR VOR/DME	14				
d KAWKA (UIR BDRY) 375935N 0081917E	RDL 219/87NM CAR VOR/DME RDL 306/114NM TUC VOR/DME					

Route designator (RNP type) Name of significant points WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>M725</b> <sup>(1)</sup> <b>(RNP 5)</b>						
d SUSIP (FIR BDRY) 374025N 0110650E	RDL 040/64.9NM TUC VOR/DME RDL 321/65.7NM PAN VOR/DME RDL 137/114.7NM CAR VOR/DME	18	FL245 FL195 Class A  FL195 FL155 Class D	On Tunis ACC instructions	↑ ↓	<sup>(1)</sup> Alignment superimposed on conventional ATS routes : - B 979 (SUSIP/ TUC) - G 864 (TUC/TBS)  Tunis Maghreb Control 132.55 MHz 129.5 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz
f SIRVI 372634N 0105148E	RDL 040/47NM TUC VOR/DME RDL250/83NM TRP VOR/DME	47				
d TUNIS VOR/DME (TUC) 365105.7N 0101349.2E		77				
d MAKEB 360222N 0090018E	RDL173/57NM TBK DVOR/DME RDL230/77NM TUC VOR/DME	58				
d TEBESSA DVOR/DME (TBS) (FIR BDRY) 352723.6N 0080407.0E						



Route designator (RNP type) Name of significant points WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit  Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>UM725 <sup>(1)</sup> (RNP 5)</b>						
d SUSIP (UIR BDRY) 374025N 0110650E	RDL 040/64.9NM TUC VOR/DME RDL 321/65.7NM PAN VOR/DME RDL 137/114.7NM CAR VOR/DME	18	FL 460 FL 245 Class A	On Tunis ACC instructions	↑ ↓	<sup>(1)</sup> Alignment superimposed on conventional ATS routes: - UB 979 (SUSIP/ TUC) - UG 864 (TUC / TBS)  Tunis Maghreb Control 132.55 MHz 129.5 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz
f SIRVI 372634N 0105148E	RDL 040/47NM TUC VOR/DME RDL250/83NM TRP VOR/DME	47				
d TUNIS VOR/DME (TUC) 365105.7N 0101349.2E		77				
d MAKEB 360222N 0090018E	RDL173/57NM TBK DVOR/DME RDL230/77NM TUC VOR/DME	58				
d TEBESSA DVOR/DME (TBS) (UIR BDRY) 352723.6N 0080407.0E						

Route designator (RNP type) Name of significant points WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>M731</b> <sup>(1)</sup> <b>(RNP 5)</b>						
<b>▲</b> OSMAR (FIR BDRY) 381517N 0094714E  d TANIT 374515N 0095651E  d TUNIS VOR/DME (TUC) 365105.7N 0101349.2E  d BAMGI 354303N0102533E  d DJERBA VOR/DME (JBA) 335238.0N 0104617.8E	RDL 165/53 NM CAR VOR/DME RDL 345/87 NM TUC VOR/DME  RDL 345/54NM TUC VOR/DME RDL 048/68 NM TBK DVOR/DME  RDL 261/16NM MON VOR/DME RDL 171/69 NM TUC VOR/DME RDL 351/112NM JBA VOR/DME	33   54   69   112	   FL 245 FL 195 Class A  FL 195 FL 155 Class D			<b>▲</b> ATS / MET REP  <sup>(1)</sup> Alignment superimposed on conventional ATS route A725 (OSMAR / TUC VOR/DME)  Tunis Maghreb Control  132.55 MHz 129.3 MHz 129.5 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz

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				Odd	Even	
1	2	3	4	5		6
<b>UM731 <sup>(1)</sup> (RNP 5)</b>						
<b>▲</b> OSMAR (UIR BDRY) 381517N 0094714E  <b>d</b> TANIT 374515N 0095651E  <b>d</b> TUNIS VOR/DME (TUC) 365105.7N 0101349.2E  <b>d</b> BAMGI 354303N0102533E  <b>d</b> DJERBA VOR/DME (JBA) 335238.0N 0104617.8E  <b>d</b> FARES (UIR BDRY) 320949N 0105652E	RDL 165/53 NM CAR VOR/DME RDL 345/87 NM TUC VOR/DME  RDL 345/54 NM TUC VOR/DME RDL 048/68 NM TBK DVOR/DME  RDL 261/16NM MON VOR/DME RDL 171/69 NM TUC VOR/DME RDL 351/112NM JBA VOR/DME  RDL 174/103 NM JBA VOR/DME RDL 247/93 NM ZAW VOR/DME RDL 026/135 NM GAD VOR/DME	33  54  69  112  103	FL 460 FL 245  Class A		<b>▲</b> ATS / MET REP  <sup>(1)</sup> Alignment superimposed on conventional ATS routes : - UA725 (OSMAR / TUC VOR/DME) - UG 727 (JBA VOR/DME/ FARES)  Tunis Maghreb Control  132.55 MHz 129.3 MHz 129.5 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz	

Route designator (RNP type) Name of significant points WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>M733</b> <sup>(1)</sup> <b>(RNP 5)</b>						
▲ OSMAR (FIR BDRY) 381517N 0094714E	RDL 165/53 NM CAR VOR/DME RDL 345/87 NM TUC VOR/DME	33	FL 245 FL 195 Class A			<sup>(1)</sup> Alignment superimposed on conventional ATS route A725  ▲ ATS / MET REP  Tunis Maghreb Control 132.55 MHz 129.5 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz
d TANIT 374515N 0095651E	RDL 345/54 NM TUC VOR/DME RDL 048/68 NM TBK DVOR/DME	54	FL 195 FL 155 Class D			
d TUNIS VOR/DME (TUC) 365105.7N 0101349.2E						

Route designator (RNP type) Name of significant points WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit  Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>UM733 <sup>(1)</sup> (RNP 5)</b>						
<b>▲</b> OSMAR (UIR BDRY) 381517N 0094714E  d TANIT 374515N 0095651E  d TUNIS VOR/DME (TUC) 365105.7N 0101349.2E	RDL 165/53 NM CAR VOR/DME RDL 345/87 NM TUC VOR/DME	33	FL 460 FL 245 Class A		<sup>(1)</sup> Alignment superimposed on conventional ATS route UA725  <b>▲</b> ATS / MET REP  Tunis Maghreb Control 132.55 MHz 129.5 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz	
	RDL 345/54 NM TUC VOR/DME RDL 048/68 NM TBK DVOR/DME	54				

Route designator (RNP type) Name of significant points  WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit  Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>M734<sup>(1)</sup></b>						
<b>(RNP 5)</b>						
d ENFIDHA DVOR/DME (NBA) 360426.2N 0102606.9E		21				
d RAMAM 362506N 0103229E	RDL 013/21NM NBA DVOR/DME RDL149/30NM TUC VOR/DME	22	FL 245 FL 195 Class A	On Tunis ACC instructions		<sup>(1)</sup> Usable Northbound only by traffic from DTNZ.
f ADRIL 364634N 0103910E	RDL013/43NM NBA DVOR/DME RDL 101/21NM TUC VOR/DME	41	FL 195 FL155 Class D			Tunis Maghreb Control 132.55 MHz 129.5 MHz
f SIRVI 372634N 0105148E	RDL 013/85 NM NBA DVOR/DME RDL 040/47NM TUC VOR/DME	19				Tunis Maghreb Information 128.9 MHz
d NIBEL (FIR BDRY) 374434N 0105733E	RDL 032/64 NM TUC VOR/DME RDL 013/103NM NBA DVOR/DME					Emergency 121.5 MHz

Route designator (RNP type) Name of significant points WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>UM734 <sup>(1)</sup> (RNP 5)</b>						
d ENFIDHA DVOR/DME (NBA) 360426.2N 0102606.9E		43.5				<sup>(1)</sup> Usable Northbound only by traffic from DTNZ.  Tunis Maghreb Control 132.55 MHz 129.5 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz
f ADRIIL 364634N 0103910E	RDL013/43NM NBA DVOR/DME RDL 101/21NM TUC VOR/DME	41	FL 460 FL 245 Class A	On Tunis ACC instructions		
f SIRVI 372634N 0105148E	RDL 013/85 NM NBA DVOR/DME RDL 040/47NM TUC VOR/DME					
d NIBEL (UIR BDRY) 374434N 0105733E	RDL 032/64 NM TUC VOR/DME RDL 013/103NM NBA DVOR/DME	19				

Route designator (RNP type) Name of significant points WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit  Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>M 735</b> <sup>(1)</sup> <b>(RNP 5)</b>						
d DJERBA VOR/DME (JBA) 335238.0N 0104617.8E		63				<sup>(1)</sup> usable northbound only
f RELBA 345330N 0110631E	RDL014/63NM JBA VOR/DME RDL 160/55 NM MON VOR/DME	48			↓	Tunis Maghreb Control 129.3 MHz 129.5 MHz  Tunis Maghreb Information 128.9 MHz
f TIRBO 354116N 0111558E	RDL098/26NM MON VOR/DME RDL012/111NM JBA VOR/DME	07	FL 245 FL 195 Class A			Emergency 121.5 MHz
f ABDIN 354821N 0111724E	RDL082/27NM MON VOR/DME RDL 011/118NM JBA VOR/DME	15				Tunis Maghreb Control 132.55 MHz 129.5 MHz
d SORAB 360246N 0112018E	RDL131/72NM TUC VOR/DME RDL 058/34 NM MON VOR/DME	48	FL 195 FL155 Class D		On Tunis ACC instructions	Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz
d BABLO (FIR BDRY) 365023N 0113000E	RDL089/61NM TUC VOR/DME RDL 028/75 NM MON VOR/DME					



Route designator (RNP type) Name of significant points WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit  Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>UM 735<sup>(1)</sup> (RNP 5)</b>						
d DJERBA VOR/DME (JBA) 335238.0N 0104617.8E		63			↓	(1) usable northbound only  Tunis Maghreb Control 129.3 MHz 129.5 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz
f RELBA 345330N 0110631E	RDL014/63NM JBA VOR/DME RDL 160/55 NM MON VOR/DME	48				
f TIRBO 354116N 0111558E	RDL098/26NM MON VOR/DME RDL012/111NM JBA VOR/DME	07	FL 460 FL 245			
f ABDIN 354821N 0111724E	RDL082/27NM MON VOR/DME RDL 011/118NM JBA VOR/DME	15	Class A	On Tunis ACC instructions		
d SORAB 360246N 0112018E	RDL131/72NM TUC VOR/DME RDL 058/34 NM MON VOR/DME	48			Tunis Maghreb Control 132.55 MHz 129.5 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz	
d BABLO (UIR BDRY) 365023N 0113000E	RDL090/61NM TUC VOR/DME RDL 028/75 NM MON VOR/DME					

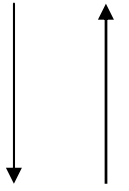
Route designator (RNP type) Name of significant points WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency			
				Odd	Even				
1	2	3	4	5		6			
<b>M 738<sup>(1)</sup> (RNP 5)</b>									
d TUNEX (FIR BDRY) 373534N 0111739E	RDL 048/67.6NM TUC VOR/DME RDL 325/56.7NM PAN VOR/DME	43				(1) Usable by TFC to DTMB, DTNZ, DTTX and DTTJ  Alignment superimposed on conventional ATS route G727 (between SFM and CBN) and G737 TIL TUNEX(FIR BDRY)			
d CAP BON VOR (CBN) 365344N 0110518E		11,6							
d DIDON 364226N 0110153E		58,7					FL 245 FL 195 Class A	On Tunis ACC instructions	Tunis Maghreb Control 132.55 MHz 129.5 MHz 129.3 MHz
d MONASTIR VOR/DME (MON) 354517.8N 0104453.6E		20					FL 195 FL155 Class D		Tunis Maghreb Information 128.9 MHz
d ELJEM 352517N 0104345E		42							
d SFAX VOR (SFX) 344258.1N 0104120.1E									

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				Odd	Even	
1	2	3	4	5		6
<b>UM 738<sup>(1)</sup> (RNP 5)</b>						
d TUNEX (UIR BDRY) 373534N 0111739E	RDL 048/67.6NM TUC VOR/DME RDL 325/56.7NM PAN VOR/DME	43	FL 460 FL 245 Class A	On Tunis ACC instructions	↓ ↑	(1) Usable by TFC to DTMB, DTNZ, DTTX and DTTJ  Alignment superimposed on conventional ATS route UG 727 (between SFM and CBN) and UG737 TIL TUNEX (UIR BDRY)  Tunis Maghreb Control 132.55 MHz 129.5 MHz 129.3 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz
d CAP BON VOR (CBN) 365344N 0110518E		11,6				
d DIDON 364226N 0110153E	RDL 102/40NM TUC VOR/DME RDL 013/58.7NM MON VOR/DME	58,7				
d MONASTIR VOR/DME (MON) 354517.8N 0104453.6E		20				
d ELJEM 352517N 0104345E	RDL 267/93NM LPD VOR/DME RDL 182/20NM MON VOR/DME	42				
d SFAX VOR (SFX) 344258.1N 0104120.1E						

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				Odd	Even	
1	2	3	4	5		6
<b>UM739<sup>(1)</sup> (RNP 5)</b>						
d SONAK (UIR BDRY) 363712N 0113000E	RDL101/63NM TUC VOR/DME RDL034/63NM MON VOR/DME	26	FL460 FL245 Class A	On Tunis ACC instructions	↑ ↓	TFC to DTTA shall proceed via DOPEL/TBK/ KEMIR/TUC VOR/DME unless otherwise instructed by ATC.
d CAP BON VOR (CBN) 365344N 0110518E		30				
d ICANI 371410N 0103826E	RDL259/86NM TBK DVOR/DME RDL040/30NM TUC VOR/DME	19				
f MANEX 372716N 0102100E	RDL247/76NM TBK DVOR/DME RDL188/36NM TUC VOR/DME	06				
d MEDAR 373114N0101542E	RDL001/40NM TUC VOR/DME RDL062/74NM TBK DVOR/DME	21				
d TANIT 374515N 0095651E	RDL227/69NM TBK DVOR/DME RDL165/56NM TUC VOR/DME	21				
f SAMEK 380007N 0093637E	RDL209/70NM TBK DVOR/DME RDL156/75NM TUC VOR/DME	23				
f ELKIS 381543N 0091510E	RDL192/79NM TBK DVOR/DME RDL150/96NM TUC VOR/DME	24				
d DOPEL 383139N 0085301E  (2)	RDL359/93NM TBK DVOR/DME RDL219/46NM CAR VOR/DME	56				
d TABOT (UIR BDRY) 390900N 0080000E	RDL341/137NM TBK DVOR/DME RDL322/174NM TUC VOR/DME					

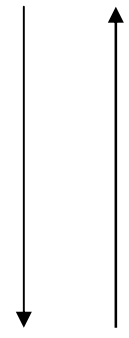
Route designator (RNP type) Name of significant points  WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit  Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>UM 858 (1) (RNP 5)</b>						
d DOPEL (UIR BDRY) 383139N 0085301E  d TABARKA DVOR/DME (TBK) 365841.4N 0085300.9E  d MAKEB 360222N 0090018E  d ROGBA 353300N 0090402E  ▲ SIDI BEN AOUN VOR (BAN) 345148.1N 0091003.9E  d NAMAT 341257N 0091209E  d EL BORMA VOR (EBA) 314221.1N 0091516.8E	RDL359/93NM TBK DVOR/DME RDL219/46NM CAR VOR/DME  RDL173/57NM TBK DVOR/DME RDL230/77NM TUC VOR/DME  RDL173/87NM TBK DVOR/DME RDL261/83NM MON VOR/DME  RDL072/57NM TON VOR/DME RDL143/93NM TBS DVOR/DME	93	FL 460 FL 245  Class A			(1) Alignment superimposed on conventional ATS route UG869.  Tunis Maghreb Control 132.55 MHz 129.5 MHz 129.3 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz  ▲ ATS/MET REP
		57				
		30				
		41				
		39				
		150				


Route designator (RNP type) Name of significant points WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit  Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>M 978</b> <sup>(1)</sup> <b>(RNP 5)</b>						
d TUNIS VOR/DME (TUC) 365105.7N 0101349.2E		21				<sup>(1)</sup> Alignment superimposed on conventional ATS route R781 TIL SONAK (FIR BDRY)  Tunis Maghreb Control 132.55 MHz 129.5 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz
f ADRIL 364634N 0103910E	RDL102/21NM TUC VOR/DME RDL 355/61NM MON VOR/DME	18.7	FL 245 FL 195 Class A	On Tunis ACC instructions		
d DIDON 364226N 0110153E	RDL102/40NM TUC VOR/DME RDL 013/58.7 NM MON VOR/DME	23	FL 195 FL 155 Class D			
d SONAK (FIR BDRY) 363712N 0113000E	RDL102/63NM TUC VOR/DME RDL 034/63NM MON VOR/DME					
For continuation see AIP MALTA						

Route designator (RNP type) Name of significant points  WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit  Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>UM 978 <sup>(1)</sup> (RNP 5)</b>						
<b>d</b> MORJA (UIR BDRY) 365004N 0083900E  <b>d</b> KEMIR 365015N 0092515E  <b>d</b> TUNIS VOR/DME (TUC) 365105.7N 0101349.2E  <b>f</b> ADRIL 364634N 0103910E  <b>d</b> DIDON 364226N 0110153E  <b>d</b> SONAK (UIR BDRY) 363712N 0113000E	RDL268/76NM TUC VOR/DME RDL 232/14NM TBK DVOR/DME	37	FL 460 FL 245 Class A		(1) Alignment superimposed on conventional ATS routes UA411 (between MORJA and TUC) and UR781 till SONAK (UIR BDRY)	
	RDL106/27NM TBK DVOR/DME RDL 268/39 NM TUC VOR/DME	39				Tunis Maghreb Control 132.55 MHz 129.5 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz
	RDL102/21NM TUC VOR/DME RDL 355/61NM MON VOR/DME	21				
	RDL102/21NM TUC VOR/DME RDL 355/61NM MON VOR/DME	18.7				
	RDL102/40NM TUC VOR/DME RDL 013/58.7NM MON VOR/DME	23				
RDL102/63NM TUC VOR/DME RDL 034/63NM MON VOR/DME						
On Tunis ACC instructions						
For continuation see AIP MALTA						

Route designator (RNP type) Name of significant points  WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit  Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>M 980</b> <sup>(1)</sup> <b>(RNP 5)</b>						
d TEBESSA DVOR/DME (TBS) (FIR BDRY) 352723.6N 0080407.0E		49		↓ ↑	(1) Alignment superimposed on conventional ATS route R783 TIL BASMO (FIR BDRY)  Tunis Maghreb Control 132.55 MHz 129.5 MHz	
d ROGBA 353300N 0090402E	RDL173/87NM TBK DVOR/DME RDL 081/49 NM TBS DVOR/DME	50				
d NAVED 354035N 0100444E	RDL185/70NM TUC VOR/DME RDL 261/33NM MON VOR/DME	17	FL 245 FL 195 Class A	On Tunis ACC instructions	Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz	
d BAMGI 354303N0102533E	RDL 261/16NM MON VOR/DME RDL 171/69 NM TUC VOR/DME	16	FL 195 FL155 Class A			
d MONASTIR VOR/DME (MON) 354517.8N 0104453.6E		26.6				
f ABDIN 354821N 0111724E	RDL083/26.6NM MON VOR/DME RDL 285/68NM LPD VOR/DME					
d BASMO (FIR BDRY) 354930N 0113000E	RDL083/37NM MON VOR/DME RDL 289/58.6NM LPD VOR/DME	10.3				
For continuation see AIP MALTA						



Route designator (RNP type) Name of significant points WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit  Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>UM 980 <sup>(1)</sup> (RNP 5)</b>						
d TEBESSA DVOR/DME (TBS) (UIR BDRY) 352723.6N 0080407.0E		49				(1) Alignment superimposed on conventional ATS route UR783 TIL BASMO (UIR BDRY)  Tunis Maghreb Control 132.55 MHz 129.5 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz
d ROGBA 353300N 0090402E	RDL173/87NM TBK DVOR/DME RDL 081/49 NM TBS DVOR/DME	50				
d NAVED 354035N 0100444E	RDL185/70NM TUC VOR/DME RDL 261/33NM MON VOR/DME	17				
d BAMGI 354303N0102533E	RDL261/16NM MON VOR/DME RDL 171/69NM TUC VOR/DME	16	FL 460 FL 245 Class A	On Tunis ACC instructions		
d MONASTIR VOR/DME (MON) 354517.8N 0104453.6E		26.6				
f ABDIN 354821N 0111724E	RDL083/26.6NM MON VOR/DME RDL 285/68NM LPD VOR/DME	10.3				
d BASMO (UIR BDRY) 354930N 0113000E	RDL083/37NM MON VOR/DME RDL 289/58.6NM LPD VOR/DME					
For continuation see AIP MALTA						

Route designator (RNP type) Name of significant points WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit  Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>UN 157 (RNP 5)</b>						
d ABDAB (UIR BDRY) 375321N 0103743E	RDL016/65NM TUC VOR/DME RDL 143/90NM CAR VOR/DME	39	FL460 FL245 Class A	On Tunis ACC instructions		Portion ABDAB/MON VOR/DME usable Southbound only
d ICANI 371410N 0103826E	RDL040/30NM TUC VOR/DME RDL 356/89NM MON VOR/DME	27.6				Tunis Maghreb Control 132.55 MHz 129.5 MHz
f ADRIL 364634N 0103910E	RDL101/21NM TUC VOR/DME RDL 013/43NM NBA DVOR/DME	61.4				Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz
d MONASTIR VOR/DME (MON) 354517.8N 0104453.6E		20				
d GIPRA 352625N 0105249E	RDL160/20NM MON VOR/DME RDL 002/94NM JBA VOR/DME	35				Tunis Maghreb Control 129.3 MHz 129.5 MHz
f RELBA 345330N 0110631E	RDL160/55NM MON VOR/DME RDL 014/63NM JBA VOR/DME	33				Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz
f RIMSA 342201N 0111926E	RDL160/88NM MON VOR/DME RDL 042/40NM JBA VOR/DME	27				
d GASRI (UIR BDRY) 335609N 0113000E	RDL160/115NM MON VOR/DME RDL 083/36.5NM JBA VOR/DME					





Route designator (RNP type) Name of significant points WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit  Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>UP 143 <sup>(1)</sup> (RNP 5)</b>						
d TEBESSA DVOR/DME (TBS) (UIR BDRY) 352723.6N 0080407.0E		93				(1) Alignment superimposed on conventional ATS route UG655 TIL FARES (UIR BDRY)  Tunis Maghreb Control 129.3 MHz 129.5 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz
d NAMAT 341257N 0091209E	RDL 072/57.5NM TON VOR/DME RDL 143/93NM TBS DVOR/DME	60				
d PIMES 332346N 0095410E	RDL 236/52NM JBA VOR/DME RDL 108/96NM TON VOR/DME	25	FL460 FL245 Class A			
f INSAT 330352N 0101135E	RDL 210/57NM JBA VOR/DME RDL 115/117NM TON VOR/DME	66				
d FARES (UIR BDRY) 320949N 0105652E	RDL 174/103NM JBA VOR/DME RDL 247/94NM ZAW VOR/DME					

Route designator (RNP type) Name of significant points WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit  Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>P 161</b> <sup>(1) (2)</sup> <b>(RNP 5)</b>						
d NOLSI (FIR BDRY) 380220N 0101711E	RDL001/71NM TUC VOR/DME RDL 149/74NM CAR VOR/DME	31				(1) Portion NOLSI/TUC usable Southbound only
d MEDAR 373114N0101542E	RDL001/40NM TUC VOR/DME RDL062/74NM TBK DVOR/DME	40				(2) Alignment superimposed on conventional ATS routes: - A868 (between NOLSI and TUC) - W411 (between TUC and KIRAS)
d TUNIS VOR/DME (TUC) 365105.7N 0101349.2E		42			On Tunis ACC instructions	
d LOBNA 360910N 0100823E	RDL185/42NM TUC VOR/DME RDL 308/38NM MON VOR/DME	29	FL245 FL195 Class A			
d NAVED 354035N 0100444E	RDL185/70NM TUC VOR/DME RDL 261/33NM MON VOR/DME	19	FL195 FL155 Class D			Tunis Maghreb Control 132.55 MHz 129.5 MHz 129.3 MHz
f ARNEB 352135N 0100220E	RDL185/90NM TUC VOR/DME RDL 234/42NM MON VOR/DME	12				Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz
d NEDOS 350910N 0100047E	RDL333/85NM JBA VOR/DME RDL 224/51NM MON VOR/DME	45				
d KIRAS 342422N 0095513E	RDL306/53NM JBA VOR/DME RDL 072/95NM TON VOR/DME					

Route designator (RNP type) Name of significant points WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit  Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>UP 161</b> <sup>(1) (2)</sup> <b>(RNP 5)</b>						
d NOLSI (FIR BDRY) 380220N 0101711E	RDL001/71NM TUC VOR/DME RDL 149/74NM CAR VOR/DME	31	FL460 FL245 Class A	On Tunis ACC instructions	↑          ↓	(1) Portion NOLSI/TUC usable Southbound only
d MEDAR 373114N0101542E	RDL001/40NM TUC VOR/DME RDL062/74NM TBK DVOR/DME	40				(2) Alignment superimposed on conventional ATS routes: - UA868 (between NOLSI and TUC) - UW411 (between TUC and EBA) - UR986 (between TUC and GAB)
d TUNIS VOR/DME (TUC) 365105.7N 0101349.2E		42				
d LOBNA 360910N 0100823E	RDL185/42NM TUC VOR/DME RDL 308/38NM MON VOR/DME	18.5				
f KOTOB 355046N 0100602E	RDL185/61NM TUC VOR/DME RDL 279/32NM MON VOR/DME	10				
d NAVED 354035N 0100444E	RDL185/71NM TUC VOR/DME RDL 261/33NM MON VOR/DME	19				Tunis Maghreb Control 132.55 MHz 129.5 MHz 129.3 MHz
f ARNEB 352135N 0100220E	RDL185/90NM TUC VOR/DME RDL 234/42NM MON VOR/DME	12				Tunis Maghreb Information 128.9 MHz
d NEDOS 350910N 0100047E	RDL333/85NM JBA VOR/DME RDL 224/51NM MON VOR/DME	45				Emergency 121.5 MHz
d KIRAS 342422N 0095513E	RDL306/53NM JBA VOR/DME RDL 072/95NM TON VOR/DME	40				
d GABES VOR/DME (GAB) 334355.9N 0095512.7E		126				
d EL BORMA VOR (EBA) 314221.1N 0091516.8E						

Route designator (RNP type) Name of significant points WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna Great circle DIST DIST NM		Upper limit Lower limit  Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>P 623</b> <sup>(1)</sup> <b>(RNP 5)</b>						
d DJERBA VOR/DME (JBA) 335238.0N 0104617.8E	RDL160/88NM MON VOR/DME RDL042/40NM JBA VOR/DME	40	FL 245 FL 195 Class A	↑ ↓		<sup>(1)</sup> Alignment superimposed on conventional ATS routes G362 TIL RALAK (FIR BDRY)  Tunis Maghreb Control 129.5 MHz 129.3 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz
f RIMSA 342201N0111926E		13	FL 195 FL 155 Class D			
d RALAK (FIR BDRY) 343125N 0113000E	RDL042/53NM JBA VOR/DME RDL 223/81NM LPD VOR/DME					
For continuation see AIP MALTA						



Route designator (RNP type) Name of significant points  WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit  Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>UP 623 <sup>(1)</sup> (RNP 5)</b>						
<b>d</b> EL BORMA VOR (EBA) 314221.1N 0091516.8E  <b>d</b> DJERBA VOR/DME (JBA) 335238.0N 0104617.8E  <b>f</b> RIMSA 342201N 0111926E  <b>d</b> RALAK (UIR BDRY) 343125N 0113000E	RDL 160/88NM MON VOR/DME RDL 042/40NM JBA VOR/DME  RDL 042/53NM JBA VOR/DME RDL 223/81NM LPD VOR/DME	152	FL 460 FL 245 Class A		<sup>(1)</sup> Alignment superimposed on conventional ATS route UG362 TIL RALAK (UIR BDRY)  Tunis Maghreb Control 132.55 MHz 129.5 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz	
		40				
		13				
		For continuation see AIP MALTA				

Route designator (RNP type) Name of significant points  WGS-84 Coordinates	Way-point IDENT of VOR/DME BRG and DIST ELEV DME antenna	Great circle DIST NM	Upper limit Lower limit  Airspace classification	Direction of Cruising levels		Remarks  Controlling unit  Frequency
				Odd	Even	
1	2	3	4	5		6
<b>P 624 <sup>(1)</sup></b> <b>(RNP 5)</b>						
d TOZEUR VOR/DME (TON) 335627.6N 0080601.4E	RDL 072/95 NM TON VOR/DME RDL 306/53 NM JBA VOR/DME	95	FL 245 FL 195 Class A	↑	↓	<sup>(1)</sup> Alignment superimposed on conventional ATS route G361 TIL BIRSA (FIR BDRY)  Tunis Maghreb Control 129.3 MHz 129.5 MHz  Tunis Maghreb Information 128.9 MHz  Emergency 121.5 MHz
d KIRAS 342422N 0095513E		42				
d SFAX VOR (SFX) 344258.1N 0104120.1E		23				
f RELBA 345330N 0110631E		21				
d BIRSA (FIR BDRY) 350251N 0113000E	RDL 138/56 NM MON VOR/DME RDL 243/62NM LPD VOR/DME					
For continuation see AIP MALTA						











