ENR 3.2 Area navigation routes

Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing / Geodesic DIST	Upper limits / Lower limits / Airspace classification	Direction of cruising levels: Odd	Direction of cruising levels: Even	Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
1	2	3	4	5		6	7
L125 (RNAV 5)		109.3 NM					
▲**OGEVI** (FIR boundary) 410805N 0434713E	TBS 232° 61.4 NM 1600 FT	For continuation, see AIP Armenia.					
		347° 167° 57.6 NM	FL 660 FL 195 Class C	↑	↓	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**ALI NDB (BT)** 420523N 0433901E							
		- 156° 30.3 NM	FL 660 FL 195 Class C	↑		+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**BASKA** 423459N 0432655E	KTS 053° 49.3 NM 200 FT						
		- 153° 21.4 NM	FL 660 FL 195 Class C	↑		+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
▲**GUSLI** (FIR boundary) 425506N 0431702E	KTS 031° 56.9 NM 200 FT	For continuation, see AIP Russia.					

Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing Geodesic DIST	Upper limits Lower limits Airspace classification	Direction of cruising levels Odd	Direction of cruising levels Even	Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
1	2	3	4	5		6	7
L850 (RNAV 5)		318.4 NM					
▲**ADEKI** (FIR boundary) 411748N 0464500E	TBS 098° 84.3 NM 1600 FT	For continuation, see AIP Azerbaijan.					
		284° 103° 72.2 NM	FL 660 FL 195 Class C	↑	↓	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**DEDON** 414255N 0451448E	TBS 072° 13.7 NM 1600 FT						
		283° 101° 103.1 NM	FL 660 FL 195 Class C	↑	↓	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**TAGAR** 421642N 0430410E	KTS 070° 26.8 NM 200 FT						
		281° 099° 143.1 NM	FL 660 FL 285 Class C	↑	↓	+/-5 NM	TBILISI ACC FREQ: 133.400 MHz (Primary) 135.625 MHz (Secondary) 134.450 MHz (Primary) 135.750 MHz (Secondary)
▲**BANUT** (FIR boundary) 425923N 0395907E	KTS 288° 121.1 NM 200 FT	For continuation, see AIP Russia.					

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Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing Geodesic DIST	Upper limits Lower limits Airspace classification	Direction of cruising levels Odd	Direction of cruising levels Even	Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
1	2	3	4	5		6	7
M10 (RNAV 5)		63.9 NM					
△**TETRO** 414021N 0425135E	KTS 144° 34.5 NM 200 FT						
		257° - 63.9 NM	FL 660 FL 195 Class C		↓	+/-5 NM	TBILISI ACC FREQ: 133.400 MHz (Primary) 135.625 MHz (Secondary) 134.450 MHz (Primary) 135.750 MHz (Secondary)
▲**SARPI** (FIR boundary) 413256N 0412659E	KTS 224° 59.7 NM 200 FT	For continuation, see AIP Turkiye.					

Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing Geodesic DIST	Upper limits Lower limits Airspace classification	Direction of cruising levels Odd	Direction of cruising levels Even	Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
1	2	3	4	5		6	7
M54 (RNAV 5)		117.0 NM					
▲**TAVRO** (FIR boundary) 411129N 0443009E	TBS 208° 35.0 NM 1600 FT	For continuation, see AIP Armenia.					
		- 145° 25.9 NM	FL 660 FL 195 Class C	↑		+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**LAGAS** 413419N 0441353E	TBS 253° 32.7 NM 1600 FT						
		- 145° 91.1 NM	FL 660 FL 195 Class C	↑		+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
▲**GUSLI** (FIR boundary) 425506N 0431702E	KTS 031° 56.9 NM 200 FT	For continuation, see AIP Russia.					

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Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing Geodesic DIST	Upper limits Lower limits Airspace classification	Direction of cruising levels Odd	Direction of cruising levels Even	Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
1	2	3	4	5		6	7
M747 (RNAV 5)		231.3 NM					
▲**BARAD** (FIR boundary) 412131N 0450500E	TBS 155° 19.7 NM 1600 FT	For continuation, see AIP Azerbaijan.					
		- 101° 40.5 NM	FL 660 FL 195 Class C	↑		+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**LAGAS** 413419N 0441353E	TBS 253° 32.7 NM 1600 FT						
		- 100° 65.5 NM	FL 660 FL 195 Class C	↑		+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**BARUS** 415414N 0425030E	KTS 128° 22.8 NM 200 FT						
		- 100° 52.4 NM	FL 660 FL 195 Class C	↑		+/-5 NM	TBILISI ACC FREQ: 133.400 MHz (Primary) 135.625 MHz (Secondary) 134.450 MHz (Primary) 135.750 MHz (Secondary)
△**IBERI** 420939N 0414318E	KTS 262° 34.1 NM 200 FT						
		- 098° 72.9 NM	FL 660 FL 195 Class C	↑		+/-5 NM	TBILISI ACC FREQ: 133.400 MHz (Primary) 135.625 MHz (Secondary) 134.450 MHz (Primary) 135.750 MHz (Secondary)
▲**IDLER** (FIR boundary) 422925N 0400845E	KTS 274° 105.8 NM 200 FT	For continuation, see AIP Russia.					

Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing Geodesic DIST	Upper limits Lower limits Airspace classification	Direction of cruising levels Odd	Direction of cruising levels Even	Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
1	2	3	4	5		6	7
N11 (RNAV 5)		253.0 NM					
▲**ROLIN** (FIR boundary) 414757N 0403923E	KTS 248° 84.9 NM 200 FT						
		079° 260° 98.4 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 133.400 MHz (Primary) 135.625 MHz (Secondary) 134.450 MHz (Primary) 135.750 MHz (Secondary)
△**BARUS** 415414N 0425030E	KTS 128° 22.8 NM 200 FT						
		082° 263° 77.4 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**MUKHRANI NDB (DF)** 415510N 0443420E							
		081° 262° 77.2 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
▲**KUFAN** (FIR boundary) 415718N 0461708E	TBS 067° 62.4 NM 1600 FT						

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Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing Geodesic DIST	Upper limits Lower limits Airspace classification	Direction of cruising levels Odd	Direction of cruising levels Even	Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
1	2	3	4	5		6	7
N37 (RNAV 5)		200.5 NM					
▲**SARPI** (FIR boundary) 413256N 0412659E	KTS 224° 59.7 NM 200 FT	For continuation, see AIP Turkiye.					
		060° 240° 8.0 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 133.400 MHz (Primary) 135.625 MHz (Secondary) 134.450 MHz (Primary) 135.750 MHz (Secondary)
△**BATUMI NDB (LU)** 413605N 0413651E							
		064° 245° 22.8 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 133.400 MHz (Primary) 135.625 MHz (Secondary) 134.450 MHz (Primary) 135.750 MHz (Secondary)
△**ODILI** 414317N 0420540E	KTS 206° 32.4 NM 200 FT						
		065° 245° 35.3 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 133.400 MHz (Primary) 135.625 MHz (Secondary) 134.450 MHz (Primary) 135.750 MHz (Secondary)
△**BARUS** 415414N 0425030E	KTS 128° 22.8 NM 200 FT						
		066° 246° 38.0 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**ALI NDB (BT)** 420523N 0433901E							
		070° 252° 96.4 NM	FL 660 FL 225 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
▲**LURIS** 422525N 0454607E	TBS 032° 58.2 NM 1600 FT	For continuation, see AIP Russia.					

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Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing Geodesic DIST	Upper limits Lower limits Airspace classification	Direction of cruising levels Odd	Direction of cruising levels Even	Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
1	2	3	4	5		6	7
N61 (RNAV 5)		152.3 NM					
▲**NOLGA** (FIR boundary) 412541N 0425844E	KTS 147° 50.0 NM 200 FT	For continuation, see AIP Turkiye.					
		074° 255° 57.1 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**LAGAS** 413419N 0441353E	TBS 253° 32.7 NM 1600 FT						
		075° 255° 11.3 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**BAGEM** 413556N 0442850E	TBS 252° 21.4 NM 1600 FT						
		071° 252° 21.4 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**TBILISI DVOR/DME (TBS)** 414014N 0445649E							
		072° 252° 13.7 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**DEDON** 414255N 0451448E	TBS 072° 13.7 NM 1600 FT						
		066° 246° 48.8 NM	FL 660 FL 195 Class C	↓	↑	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)

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Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing Geodesic DIST	Upper limits Lower limits Airspace classification	Direction of cruising levels		Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
				Odd	Even		
1	2	3	4	5		6	7
▲**KUFAN** (FIR boundary) 415718N 0461708E	TBS 067° 62.4 NM 1600 FT	For Continuation see AIP Russia					

Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing Geodesic DIST	Upper limits Lower limits Airspace classification	Direction of cruising levels Odd	Direction of cruising levels Even	Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
1	2	3	4	5		6	7
N82 (RNAV 5)		87.5 NM					
▲**TISOT** (FIR boundary) 411605N 0445309E	TBS 180° 24.3 NM 1600 FT	For continuation, see AIP Armenia.					
		333° - 41.5 NM	FL 660 FL 195 Class C		↓	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**MUKHRANI NDB (DF)** 415510N 0443420E							
		331° - 37.7 NM	FL 660 FL 195 Class C		↓	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**TAVSA** 423000N 0441456E	TBS 321° 58.7 NM 1600 FT						
		334° - 8.3 NM	FL 660 FL 195 Class C		↓	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
▲**LAPTO** (FIR boundary) 423753N 0441119E	TBS 323° 66.8 NM 1600 FT	For continuation, see AIP Russia.					

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Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing Geodesic DIST	Upper limits Lower limits Airspace classification	Direction of cruising levels Odd	Direction of cruising levels Even	Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
1	2	3	4	5		6	7
N644 (RNAV 5)		276.2 NM					
▲**ADEKI** (FIR boundary) 411748N 0464500E	TBS 098° 84.3 NM 1600 FT	For continuation, see AIP Azerbaijan.					
		274° 093° 63.6 NM	FL 660 FL 195 Class C	↑	↓	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**BADIR** 412900N 0452200E	TBS 114° 22.0 NM 1600 FT						
		269° 089° 51.5 NM	FL 660 FL 195 Class C	↑	↓	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**LAGAS** 413419N 0441353E	TBS 253° 32.7 NM 1600 FT						
		269° 089° 33.2 NM	FL 660 FL 195 Class C	↑	↓	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**AGISO** 413740N 0432945E	KTS 119° 56.0 NM 200 FT						
		269° 088° 28.7 NM	FL 660 FL 195 Class C	↑	↓	+/-5 NM	TBILISI ACC FREQ: 125.125 MHz (Primary) 135.125 MHz (Secondary) 133.500 MHz (Primary) 135.350 MHz (Secondary)
△**TETRO** 414021N 0425135E	KTS 144° 34.5 NM 200 FT						
		268° 088° 34.5 NM	FL 660 FL 195 Class C	↑	↓	+/-5 NM	TBILISI ACC FREQ: 133.400 MHz (Primary) 135.625 MHz (Secondary) 134.450 MHz (Primary) 135.750 MHz (Secondary)

Route designator (RNP/RNAV) Name of significant points Coordinates NAV/RCP/RSP specification	Waypoint IDENT of VOR/DME BRG & DIST ELEV DME Antenna	Magnetic bearing Geodesic DIST	Upper limits Lower limits Airspace classifica-tion	Direction of cruising levels		Navigation accuracy requirement	Remarks Controlling unit, Channel Logon address SATVOICE number NAV/RCP/RSP specification limitations
				Odd	Even		
1	2	3	4	5		6	7
△**ODILI** 414317N 0420540E	KTS 206° 32.4 NM 200 FT						
		268° 087° 64.7 NM	FL 660 FL 195 Class C	↑	↓	+/-5 NM	TBILISI ACC FREQ: 133.400 MHz (Primary) 135.625 MHz (Secondary) 134.450 MHz (Primary) 135.750 MHz (Secondary)
▲**ROLIN** (FIR boundary) 414757N 0403923E	KTS 248° 84.9 NM 200 FT	For continuation, see AIP Turkiye.					

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