

PENR 2. AIR TRAFFIC SERVICES AIRSPACE

ENR 2.1 FIR, UIR, TMA

There are 8 main sectors in Tehran FIR which are numerically named from 1 to 7 in high traffic density, sectors will be divided into several subsectors, while in low traffic density, they may merge. Consequently, alternative frequencies may not be available.

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TEHRAN FIR The area bounded from 372100N 0535500E thence along the Islamic Republic of Iran / Turkmenistan, Afghanistan and Pakistan territorial BDRY - 244000N 0612000E – 250000N 0573000E - 253500N 0564500E - 261000N 0564500E - 264100N 0562700E - 253800N 0552000E - 265500N 0511000E - 270500N 0505500E - 290000N 0492700E - 291300N 0494000E - 295110N 0484500E - from Persian Gulf along the Islamic Republic of Iran / Iraq, Turkey, Armenia and Azerbaijan territorial BDRY thence to 382630N 0485230E and area bounded by straight line over Caspian Sea joining to 372100N 0535500E. <u>UNL</u> SFC Note: - AWYs, TMAs, CTAs and CTRs above FL200 are class A. AWYs, CTAs and CTRs at FL 200 and below are class D. TMAs at FL 200 and below are class C. Airspace outside AWYs, TMAs, CTRs and CTAs are class G. - UIR: NIL	Tehran ACC	Tehran Radar/Control English - Persian H24	* See the relevant ATC sectors	BTN FL290 - FL410 inclusive, Tehran FIR is RVSM airspace
	Tehran Information	Tehran Information English - Persian H24	5658 KHZ 5667 KHZ 6925 KHZ 8091 KHZ 8918 KHZ 10018 KHZ 13288 KHZ 13312 KHZ	SSB (SELCAL AVBL)
Sector 1 North 382500N 0483700E - ARB VOR/DME - MURPU - DAMOS - 371400N 0470100E - 373200N 0462500E - LAKLI - RABEM - 380159N 0450500E - 383700N 0442000E thence along Tehran FIR BRDY to the point of origin.	Tehran ACC	Tehran Radar English - Persian H24	132.500 MHZ 120.950 MHZ 258.400 MHZ 316.800 MHZ	H24 Frequency may not be available H24
Sector 1 East 374200N 0522355E - DASEL - NSH NDB/DME – 361633N 0513606E - 354730N 0512951E - TRN DVOR/DME - ELIPO - 353546N 0495301E - 354657N 0484022E - 361608N 0471158E - 371400N 0470100E - DAMOS - MURPU - ARB VOR/DME - 382500N 0483700E thence along Tehran FIR BRDY - 382630N 0485230E - thence along Tehran FIR BRDY to the point of origin.	Tehran ACC	Tehran Radar English - Persian H24	132.500 MHZ 119.300 MHZ 258.400 MHZ 316.800 MHZ	H24 Frequency may not be available H24
Sector 1 West 383700N 0442000E – 380159N 0450500E – RABEM - LAKLI – 373200N 0462500E – 371400N 0470100E – 361608N 0471158E – TUGEL – 360900N 0465826E – PAREX – REXAN – ENEDA – 354730N 0462000E thence along Tehran FIR BRDY to the point of origin.	Tehran ACC	Tehran Radar English - Persian H24	132.500 MHZ 258.400 MHZ 316.800 MHZ	H24

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Sector 2 East 354657N 0484022E-353546N 0495301E-ELIPO-TRN DVOR/DME- 350658N 0514108E - SOLIR - 344131N 0520042E - 334729N 0525705E - 332050N 0531553E - LABOT - RANDU - LADAL - 320400N 0525300E - ISN DVOR/DME - 325500N 0512800E - IMRAG - 332732N 0500655E - RASLA - 334221N 0492631E thence to the point of origin.	Tehran ACC	Tehran Radar English - Persian H24 →	125.700 MHZ 134.400MHZ 351.900 MHZ 258.400 MHZ	H24 Frequency may not be available H24
Sector 2 West 354730N 0462000E - ENEDA - REXAN - PAREX - 360900N 0465826E - TUGEL - 361608N 0471158E -354657N 0484022E - 334221N 0492631E - KRD DVOR/DME - 322900N 0471700E thence along Tehran FIR BRDY to the point of origin.	Tehran ACC	Tehran Radar English - Persian H24 →	125.700 MHZ 351.900 MHZ 258.400 MHZ	H24
Sector 3 North 322900N 0471700E - KRD DVOR/DME - 334221N 0492631E - RASLA -332732N 0500655E - IMRAG - 325500N 0512800E - ISN DVOR/DME - 320400N 0525300E - 313914N 0533114E - 312153N 0525155E - OBTUX - KIXOB - MESVI -AJR DVOR/DME - MAH DVOR/DME - 304017N 0484000E - ABD DVOR/DME - 302400N 0481100E thence along Tehran FIR BRDY to the point of origin.	Tehran ACC	Tehran Radar English - Persian H24 →	126.900 MHZ 326.400 MHZ 258.400 MHZ	H24
Sector 3 South 302400N 0481100E - ABD DVOR/DME - 304017N 0484000E - MAH DVOR/DME - AJR DVOR/DME - MESVI - KIXOB - OBTUX - 312153N 0525155E - 304748N 0524642E - SYZ DVOR/DME - 284500N 0515000E - 280300N 0501041E thence along Tehran FIR BRDY to the point of origin.	Tehran ACC	Tehran Radar English - Persian H24 →	126.900 MHZ 128.750 MHZ 326.400 MHZ 258.400 MHZ	H24 Frequency may not be available H24
Sector 4 East 262622N 0524357E - 264530N 0530900E - 264700N 0531500E - 265124N 0531642E - 272142N 0523607E - 280412N 0522441E - KATAG - 284500N 0515000E - SYZ DVOR/DME - 304748N 0524642E - 312153N 0525155E - 313914N 0533114E - DEDAK - 305225N 0542646E - RIKAS - 292100N 0543327E - BOTUX - 282137N 0552338E - MOBON - 264327N 0553037E - 255255N 0553510E thence along Tehran FIR BRDY to the point of origin.	Tehran ACC	Tehran Radar English - Persian H24 →	133.400 MHZ 291.700 MHZ 258.400 MHZ	H24
Sector 4 West 280300N 0501041E - 284500N 0515000E - KATAG -280412N 0522441E - 272142N 0523607E - 265124N 0531642E - 264700N 0531500E - 264530N 0530900E - 262622N 0524357E thence along Tehran FIR BRDY to the point of origin.	Tehran ACC	Tehran Radar English - Persian H24 →	133.400 MHZ 132.300 MHZ 291.700 MHZ 258.400 MHZ	H24 Frequency may not be available H24
Sector 5 East 253500N 0564500E - 261500N 0570600E - NOVSU - RUKOT - NABOX - GOKSO - 265000N 0605134E - GENEV - 261600N 0615300E thence along Tehran FIR BRDY to the point of origin.	Tehran ACC	Tehran Radar English - Persian H24 →	120.300 MHZ 132.100 MHZ 309.100 MHZ 258.400 MHZ	H24 Frequency may not be available H24

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Sector 5 West 255255N 0553510E - 264327N 0553037E - MOBON - 282137N 0552338E - BOTUX - 292100N 0543327E - RIKAS - 305225N 0542646E - DESLA - RAF NDB/DME - KER VOR/DME - 285000N 0571500E - NABOX - RUKOT - NOVSU- 261500N 0570600E - 253500N 0564500E thence along Tehran FIR BRDY to the point of origin.	Tehran ACC	Tehran Radar English - Persian H24 →	120.300 MHZ 309.100 MHZ 258.400 MHZ	H24
Sector 6 East 261600N 0615300E - GENEV - 265000N 0605134E - GOKSO - NABOX - 285000N 0571500E - KER VOR/DME - EGRES - 313809N 0582601E - 314908N 0583354E - KUVAV - 314311N 0591239E - 313837N 0593805E - ELOKA - 313350N 0601016E - 312900N 0605200E thence along Tehran FIR BRDY to the point of origin.	Tehran ACC	Tehran Radar Above FL280 Tehran Control at or below FL 280 English - Persian H24 →	123.900 MHZ 284.900 MHZ 258.400 MHZ	H24
Sector 6 West Lower 312900N 0605200E - 313350N 0601016E - ELOKA - 313837N 0593805E - 314311N 0591239E - KUVAV - 314908N 0583354E - 313809N 0582601E - EGRES - KER VOR/DME - RAF NDB/DME - DESLA - 305225N 0542646E - DEDAK - 313914N 0533114E - 320400N 0525300E - LADAL - RANDU - LABOT - 332050N 0531553E - RERET - 333744N 0533647E - ROVAD - 333830N 0560828E - TBS VOR/DME - 333000N 0581135E - BJD DVOR/DME - 330700N 0603500E thence along Tehran FIR BRDY to the point of origin. FL350 GND	Tehran ACC	← Tehran Radar Above FL280 Tehran Control at or below FL 280 English - Persian H24 →	134.350 MHZ 284.900 MHZ 258.400 MHZ	H24
Sector 6 West Upper 312900N 0605200E - 313350N 0601016E - ELOKA - 313837N 0593805E - 314311N 0591239E - KUVAV - 314908N 0583354E - 313809N 0582601E - EGRES - KER VOR/DME - RAF NDB/DME - DESLA - 305225N 0542646E - DEDAK - 313914N 0533114E - 320400N 0525300E - LADAL - RANDU - LABOT - 332050N 0531553E - RERET - 333744N 0533647E - ROVAD - 333830N 0560828E - TBS VOR/DME - 333000N 0581135E - BJD DVOR/DME - 330700N 0603500E thence along Tehran FIR BRDY to the point of origin. UNL FL360	Tehran ACC	Tehran Radar English - Persian H24	125.350MHZ 284.900 MHZ 258.400 MHZ	Frequency may not be available H24
Sector 7 East 330700N 0603500E - BJD DVOR/DME - 333000N 0581135E - TBS VOR/DME - 333830N 0560828E - 343351N 0550348E - GIBAB - ODKAT - ITMEL - GGN DVOR/DME - 371700N 0540700E - thence along Tehran FIR BRDY to the point of origin.	Tehran ACC	Tehran Radar English - Persian H24	120.700 MHZ 118.900 MHZ 302.400 MHZ 258.400 MHZ	H24 Frequency may not be available H24
Sector 7 West 371700N 0540700E - GGN DVOR/DME - ITMEL - ODKAT - GIBAB - 343351N 0550348E - 333830N 0560828E - ROVAD - 333744N 0533647E - RERET - 332050N 0531553E - 334729N 0525705E - 344131N 0520042E - SOLIR - 350658N 0514108E - TRN DVOR/DME - 354730N 0512951E - 361633N 0513606E - NSH NDB/DME - DASEL - 374200N 0522355E thence along Tehran FIR BRDY to the point of origin.	Tehran ACC	Tehran Radar English - Persian H24	120.700 MHZ 302.400 MHZ 258.400 MHZ	H24

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ABADAN CTA FIR BDRY Points A (305935N 0480203E), B (305930N 0482036E) (intersection with Ahwaz CTR), following Ahwaz CTR to point C (305027N 0484130E), D (295110N 0484500E), following FIR BDRY to point E (302737N 0480159E), to the point of origin <u>UNL</u> FL 155 Class of airspace: A - Above FL 200 D - At FL 200 and below	Tehran ACC	Tehran Radar English - Persian H24	126.900 MHZ 128.750 MHZ 326.400 MHZ	H24 Frequency may not be available H24
AHWAZ CTA A circle, radius 30 NM cantered at Ahwaz DVOR, FM point A 311959N 0492056E counter clockwise to the point B 305116N 0485535E, then point B joining to A by direct line <u>UNL</u> FL 175 Class of airspace: A - Above FL 200 D - At FL 200 and below	Tehran ACC	Tehran Radar English - Persian H24	126.900 MHZ 128.750 MHZ 326.400 MHZ	H24 Frequency may not be available H24
BANDAR ABBAS CTA That portion of a circle of 60 NM radius centered on Bandar Abbas DVOR, from RDL 244 clockwise direction to RDL 139 and that portion of a circle of 30 NM radius centered on Bandar Abbas DVOR, from RDL 139 clockwise direction to RDL 244 <u>UNL</u> FL 245 Class of airspace: A	Tehran ACC	Tehran Radar English - Persian H24	133.400 MHZ 120.300 MHZ 291.700 MHZ 309.100 MHZ	H24 H24
ESFAHAN CTA A circle, 60 NM radius centered on Esfahan DVOR <u>UNL</u> FL245 Class of airspace: A	Tehran ACC	Tehran Radar English - Persian H24	125.700 MHZ 126.900 MHZ 128.100 MHZ 351.900 MHZ 326.400 MHZ	H24 H24 Frequency may not be available H24
GORGAN CTA A circle radius 20NM cantered on Gorgan VOR <u>UNL</u> FL 155 Class of airspace: A - Above FL 200 D - At FL 200 and below	Tehran ACC	Tehran Radar English - Persian H24	120.700 MHZ 302.400 MHZ	H24
MASHHAD CTA That portion of a circle of 60 NM radius cantered on Mashhad DVOR and from point 3638N 06046E clockwise direction to point 3714N 05929E, then along the Islamic Republic of Iran / Turkmenistan territorial boundary <u>UNL</u> FL 245 Class of airspace: A	Tehran ACC	Tehran Radar English - Persian H24	120.700 MHZ 302.400 MHZ	H24

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NOSHAHR CTA A circle, radius 20 NM centered at Noshahr NDB <u>UNL</u> FL 175 Class of airspace: A - Above FL 200 D - At FL 200 and below	Tehran ACC	Tehran Radar English - Persian H24	132.500 MHZ 120.700 MHZ 119.300 MHZ 302.400 MHZ 316.800 MHZ 258.400 MHZ	H24 H24 Frequency may not be available H24
RAMSAR CTA A circle, radius 20 NM centered at Ramsar NDB <u>UNL</u> FL 155 Class of airspace: A - Above FL 200 D - At FL 200 and below	Tehran ACC	Tehran Radar English - Persian H24	132.500 MHZ 119.300 MHZ 258.400 MHZ 316.800 MHZ	H24 Frequency may not be available H24
RASHT CTA A circle, radius 30 NM centered at Rasht DVOR <u>UNL</u> FL 175 Class of airspace: A - Above FL 200 D - At FL 200 and below	Tehran ACC	Tehran Radar English - Persian H24	132.500 MHZ 119.300 MHZ 258.400 MHZ 316.800 MHZ	H24 Frequency may not be available H24
SANANDAJ CTA A circle, radius 24 NM centered at Sanandaj VOR <u>UNL</u> FL155 Class of airspace: A - Above FL 200 D - At FL 200 and below	Tehran ACC	Tehran Radar English - Persian H24	125.700 MHZ 351.900 MHZ	H24
SARI/DASHT-E-NAZ CTA A circle , radius 30 NM centred at Sari VOR <u>UNL</u> FL 175 Class of airspace: A - Above FL 200 D - At FL 200 and below	Tehran ACC	Tehran Radar English - Persian H24	120.700 MHZ 302.400 MHZ	H24
SHIRAZ CTA A circle, 70 NM radius centered on Shiraz DVOR <u>UNL</u> FL 245 Class of airspace: A	Tehran ACC	Tehran Radar English - Persian H24	126.900 MHZ 133.400 MHZ 128.750 MHZ 326.400 MHZ 291.700 MHZ	H24 H24 Frequency may not be available H24
SOUTH CTA 282731N 0520543E, KATAG, KUPTO, KASOL, 283811N 0532523E, 282300N 0533600E, 275700N 0535300E, LAR VOR/DME, 271545N 0542844E, SERDU, DAPER, ORSAR, DASUT, ELIDU, RAGAS, MIDSI, 264600N 0514158E, DEPSU To the point of origin. <u>UNL</u> FL 195 Class of airspace: A - Above FL 200 D - At FL 200 and below	Tehran ACC	Tehran Radar English - Persian H24	133.400 MHZ	H24

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TEHRAN CTA A circle, 70 NM radius centered on Tehran DVOR, excluding the north segment of a line of 354119N 0524247E to 362039N 0500516E <u>UNL</u> FL 275 Class of airspace: A	Tehran ACC	Tehran Radar English - Persian H24	132.500 MHZ 119.300 MHZ 125.700 MHZ 120.700 MHZ 128.100 MHZ 316.800 MHZ 302.400 MHZ 258.400 MHZ 351.900 MHZ	H24 H24 H24 Frequency may not be available H24
UROMIYEH CTA A circle, radius 20 NM cantered at Uromiyeh VOR <u>UNL</u> FL 155 Class of airspace: A - Above FL 200 D - At FL 200 and below	Tehran ACC	Tehran Radar English - Persian H24	132.500 MHZ 258.400 MHZ 316.800 MHZ	H24
BANDAR ABBASS TMA That portion of a circle of 60 NM radius centered on Bandar Abbas DVOR, from RDL 244 clockwise direction to RDL 139 and that portion of a circle of 30 NM radius centered on Bandar Abbas DVOR, from RDL 139 clockwise direction to RDL 244 <u>FL245</u> FL 65 Class of airspace: A - Above FL 200 C - At FL 200 and below	Bandar Abbas APP	Bandar Abbas Approach English - Persian H24	124.200 MHZ 121.500 MHZ 353.800 MHZ 289.200 MHZ	
ESFAHAN TMA A circle, 60 NM radius centered on Esfahan DVOR <u>FL245</u> FL 115 Class of airspace: A - Above FL 200 C - At FL 200 and below	Esfahan APP	Esfahan Radar/Approach English - Persian H24	124.600 MHZ 121.500 MHZ 243.000 MHZ 313.800 MHZ	
MASHHAD TMA That portion of a circle of 60 NM radius centered on Mashhad DVOR and from point 3638N 06046E clockwise direction to point 3714N 05929E, then along the Islamic Republic of Iran / Turkmenistan territorial boundary <u>FL245</u> FL 125 Class of airspace: A - Above FL 200 C - At FL 200 and below	Mashhad APP	Mashhad Radar/Approach English - Persian H24	127.300 MHZ 121.500 MHZ 353.800 MHZ	
SHIRAZ TMA A circle, 70 NM radius centered on Shiraz DVOR <u>FL245</u> 11500 FT AMSL Class of airspace: A - Above FL 200 C - At FL 200 and below	Shiraz APP	Shiraz Radar/Approach English - Persian H24	119.000 MHZ 125.400 MHZ 362.300 MHZ 344.000 MHZ 385.400 MHZ 243.000 MHZ 317.500 MHZ	

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TEHRAN TMA A circle, 70 NM radius centered on Tehran DVOR excluding the north segment of a line of 354119N 0524247E to 362039N 0500516E <u>FL275</u> 8500 FT AMSL Class of airspace: A - Above FL 200 C - At FL 200 and below	Mehrabad APP	Mehrabad Radar/Approach English - Persian H24	125.100 MHZ 119.700 MHZ 121.500 MHZ 362.300 MHZ 317.500 MHZ 243.000 MHZ	All INBD TFC expected to be leveled at or below: FL240 when TMA entry point is: MUXOR, RADAL, BOXAM FL280 when TMA entry point is: SAV, MIVAK