

ENR 2. AIR TRAFFIC SERVICES AIRSPACE
ENR 2.1 FIR, UIR, TMA

There are 7 main sectors in Tehran FIR which are named numerical from 1 to 7. In dense of traffic; sector 1 to 6 will be divided into some subsectors and in low density traffic situations the sectors may merge and consequently the alternative frequencies will not be available.

<i>Name</i> <i>Lateral limits</i> <i>Vertical limits</i> <i>Class of airspace</i>	<i>Unit providing service</i>	<i>Call sign</i> <i>Languages</i> <i>Area and conditions of use</i> <i>Hours of service</i>	<i>Frequency/Purpose</i>	<i>Remarks</i>
1	2	3	4	5
<p align="center">TEHRAN FIR</p> <p>The area bounded by two straight lines over Caspian sea joining 372100N 0535500E to 391200N 0510800E to 382630N 0485230E, thence along the Islamic Republic of Iran / Azerbaijan, Armenia, Turkey and Iraq territorial BDRY to Persian gulf 295110N 0484500E, 291300N 0494000E, 290000N 0492700E, 270500N 0505500E, 265500N 0511000E, 253800N 0552000E, 264100N 0562700E, 261000N 0564500E, 253500N 0564500E, 250000N 0573000E, 244000N 0612000E, thence along the Islamic Republic of Iran / Pakistan, Afghanistan and Turkmenistan territorial BDRY to 372100N 0535500E</p> <p align="center"><u>UNL</u> GND</p>	Tehran ACC	Tehran Radar/Control English - Persian H24	* See the relevant ATC sectors	BTN FL290 – FL410 inclusive, Tehran FIR is RVSM airspace
<p>Note:</p> <ul style="list-style-type: none"> - 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. <p>- UIR: NIL</p>	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)
<p align="center">Sector 1 North</p> <p>383700N0442000E – 383100N0443230E – 380159N0450500E – RABEM – 374304N0454246E – LAKLI – 373200N0462500E – GETOB – DAMOS – MURPU – ARB VOR/DME – 382700N0485300E thence along Tehran FIR BRDY to the point of origin.</p>	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
<p align="center">Sector 1 East</p> <p>382700N0485300E – ARB VOR/DME – MURPU – DAMOS – GETOB – 362356N0472638E – 354657N0484022E – 353546N0495301E – ELIPO – TRN DVOR/DME – 354730N0512951E – 361633N0513606E – NSR NDB/DME – DASEL – 374200N0522355E to the point of origin.</p>	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
<p align="center">Sector 1 West</p> <p>383700N0442000E – 383100N0443230E – 380159N0450500E – RABEM – 374304N0454246E – LAKLI – 373200N0462500E – GETOB – 362356N0472638E – TUGEL – 360900N0465826E – PAREX – REXAN – ENEDA – 354730N0462000E thence along Tehran FIR BRDY to the point of origin.</p>	Tehran ACC	Tehran Radar English - Persian H24	132.500 MHZ 258.400 MHZ 316.800 MHZ	H24

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Frequency/ Purpose	Remarks
1	2	3	4	5
<p>Sector 2 East 354657N0484022E – 353546N0495301E – ELIPO – TRN DVOR/DME – 352000N0512820E – 334729N0525705E – 332050N0531553E – LABOT – RANDU – LADAL – 320400N0525300E – ISN DVOR/DME – 325500N0512800E – IMRAG – 332732N0500655E – RASLA – 334221N0492631E thence to the point of origin.</p>	<p>Tehran ACC</p>	<p>Tehran Radar English - Persian H24</p>	<p>125.700 MHz 134.400 MHz 351.900 MHz</p>	<p>H24 Frequency may not be available H24</p>
<p>Sector 2 West 354730N0462000E – ENEDA – REXAN – PAREX – 360900N0465826E – TUGEL – 362356N0472638E – 354657N0484022E – 334221N0492631E – KRD DVOR/DME – 322900N0471700E thence along Tehran FIR BRDY to the point of origin</p>	<p>Tehran ACC</p>	<p>Tehran Radar English - Persian H24</p>	<p>125.700 MHz 351.900 MHz</p>	<p>H24</p>
<p>Sector 3 North 322900N0471700E - KRD DVOR/DME - 334221N0492631E - RASLA - 332732N0500655E – IMRAG - 325500N0512800E - ISN DVOR/DME - 320400N0525300E - 313914N0533114E - 312153N0525155E - OBTUX – KIXOB - MESVI – AJR DVOR/DME - MAH DVOR/DME - 304017N0484000E - ABD DVOR/DME - 302400N0481100E thence along Tehran FIR BRDY to the point of origin.</p>	<p>Tehran ACC</p>	<p>Tehran Radar English - Persian H24</p>	<p>126.900 MHz 326.400 MHz</p>	<p>H24</p>
<p>Sector 3 South 302400N0481100E – ABD DVOR/DME – 304017N0484000E – MAH DVOR/DME – AJR DVOR/DME – MESVI – KIXOB – OBTUX – 312153N0525155E – 304748N0524642E – SYZ DVOR/DME – 284500N0515000E – 280300N0501041E thence along Tehran FIR BRDY to the point of origin.</p>	<p>Tehran ACC</p>	<p>Tehran Radar English - Persian H24</p>	<p>126.900 MHz 128.750 MHz 326.400 MHz</p>	<p>H24 Frequency may not be available H24</p>
<p>Sector 4 East 264100N0532024E – 265124N0531642E – 272142N0523607E - 280412N0522441E - KATAG – 284500N0515000E - SYZ DVOR/DME – 304748N0524642E – 312153N0525155E - 313914N0533114E - DEDAK - 305225N0542646E - RIKAS - 292100N0543327E - BOTUX - 282137N0552338E - MOBON – 264327N0553037E – 263944N0545042E thence to the point of origin.</p>	<p>Tehran ACC</p>	<p>Tehran Radar English - Persian H24</p>	<p>133.400 MHz 291.700 MHz</p>	<p>H24</p>
<p>Sector 4 West 280300N0501041E – 284500N0515000E – KATAG – 280412N0522441E – 272142N0523607E – 265124N0531642E – 262622N0524357E – thence along Tehran FIR BRDY to the point of origin.</p>	<p>Tehran ACC</p>	<p>Tehran Radar English - Persian H24</p>	<p>133.400 MHz 132.300 MHz 291.700 MHz</p>	<p>H24 Frequency may not be available H24</p>

<i>Name Lateral limits Vertical limits Class of airspace</i>	<i>Unit providing service</i>	<i>Call sign Languages Area and conditions of use Hours of service</i>	<i>Frequency/ Purpose</i>	<i>Remarks</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>
<p>Sector 4 South 265124N0531642E – 264100N0532024E – 263944N0545042E – 264327N0553037E – 255255N0553510E thence along Tehran FIR BRDY to the point of origin.</p>	Tehran ACC	Tehran Radar English - Persian H24	133.400 MHZ 134.475 MHZ 291.700 MHZ	H24 Frequency may not be available H24
<p>Sector 5 East 253500N0564500E - 261500N0570600E - RUKOT - NABOX - GOKSO - 265000N0605134E - GENEV - 261600N0615300E thence along Tehran FIR BRDY to the point of origin.</p>	Tehran ACC	Tehran Radar English - Persian H24	120.300 MHZ 132.100 MHZ 309.100 MHZ	H24 Frequency may not be available H24
<p>Sector 5 West 255255N0553510E – 264327N0553037E - MOBON - 282137N0552338E - BOTUX - 292100N0543327E - RIKAS - 305225N0542646E - DESLA - RAF NDB/DME – KER VOR/DME - 285000N0571500E - NABOX - RUKOT - 261500N0570600E - 253500N0564500E thence along Tehran FIR BRDY to the point of origin.</p>	Tehran ACC	Tehran Radar English - Persian H24	120.300 MHZ 309.100 MHZ	H24
<p>Sector 6 East 261600N0615300E - GENEV - 265000N0605134E - GOKSO - NABOX - 285000N0571500E- KER VOR/DME - EGRES - 313809N0582601E - 314908N0583354E - KUVAV - 314311N0591239E- 313837N0593805E - ELOKA - 313350N0601016E - 312900N0605200E thence along Tehran FIR BRDY to the point of origin.</p>	Tehran ACC	Tehran Control English - Persian H24	123.900 MHZ 284.900 MHZ	H24
<p>Sector 6 West 312900N0605200E - 313350N0601016E - ELOKA - 313837N0593805E - 314311N0591239E - KUVAV - 314908N0583354E - 313809N0582601E - EGRES - KER VOR/DME - RAF NDB/DME - DESLA - 305225N0542646E - DEDAK - 313914N0533114E - 320400N0525300E - LADAL – RANDU - LABOT - 332050N0531553E - RERET - 333744N0533647E - ROVAD - TBS VOR/DME - 333000N0581135E - BJD DVOR/DME - 330700N0603500E thence along Tehran FIR BRDY to the point of origin.</p>	Tehran ACC	Tehran Control English - Persian H24	123.900 MHZ 132.750 MHZ 284.900 MHZ	H24 Frequency may not be available H24
<p>Sector 7 330700N0603500E - BJD DVOR/DME - 333000N0581135E - TBS VOR/DME - ROVAD - 333744N0533647E - RERET - 332050N0531553E - 334729N0525705E - 352000N0512820E - TRN DVOR/DME - 354730N0512951E - 361633N0513606E - NSR NDB/DME - DASEL - 374200N0522355E - 372100N0535500E thence along Tehran FIR BRDY to the point of origin.</p>	Tehran ACC	Tehran Radar English - Persian H24	120.700 MHZ 302.400 MHZ	H24

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Frequency/ Purpose	Remarks
1	2	3	4	5
<p align="center">ABADAN CTA</p> 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 UNL 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
<p align="center">AHWAZ CTA</p> 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 UNL 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
<p align="center">BANDAR ABBAS CTA</p> 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 UNL 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
<p align="center">ESFAHAN CTA</p> A circle, 60 NM radius centered on Esfahan DVOR UNL 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
<p align="center">GORGAN CTA</p> A circle radius 20NM cantered on Gorgan VOR UNL 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

<i>Name</i> <i>Lateral limits</i> <i>Vertical limits</i> <i>Class of airspace</i>	<i>Unit providing service</i>	<i>Call sign</i> <i>Languages</i> <i>Area and conditions of use</i> <i>Hours of service</i>	<i>Frequency/Purpose</i>	<i>Remarks</i>
1	2	3	4	5
<p align="center">MASHHAD CTA</p> <p>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</p> <p align="center"><u>UNL</u> FL 245</p> <p>Class of airspace: A</p>	Tehran ACC	Tehran Radar English - Persian H24	120.700 MHZ 302.400 MHZ	H24
<p align="center">NOSHAHR CTA</p> <p>A circle, radius 20 NM centered at Noshahr NDB</p> <p align="center"><u>UNL</u> FL 175</p> <p>Class of airspace: A - Above FL 200 D - At FL 200 and below</p>	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
<p align="center">RAMSAR CTA</p> <p>A circle, radius 20 NM centered at Ramsar NDB</p> <p align="center"><u>UNL</u> FL 155</p> <p>Class of airspace: A - Above FL 200 D - At FL 200 and below</p>	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
<p align="center">RASHT CTA</p> <p>A circle, radius 30 NM centered at Rasht DVOR</p> <p align="center"><u>UNL</u> FL 175</p> <p>Class of airspace: A - Above FL 200 D - At FL 200 and below</p>	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
<p align="center">SANANDAJ CTA</p> <p>A circle , radius 24 NM centered at Sanandaj VOR</p> <p align="center"><u>UNL</u> FL155</p> <p>Class of airspace: A - Above FL 200 D - At FL 200 and below</p>	Tehran ACC	Tehran Radar English - Persian H24	125.700 MHZ 351.900 MHZ	H24
<p align="center">SARI/DASHT-E-NAZ CTA</p> <p>A circle , radius 30 NM centred at Sari VOR</p> <p align="center"><u>UNL</u> FL 175</p> <p>Class of airspace: A - Above FL 200 D - At FL 200 and below</p>	Tehran ACC	Tehran Radar English - Persian H24	120.700 MHZ 302.400 MHZ	H24

Name Lateral limits Vertical limits Class of airspace	Unit providing service	Call sign Languages Area and conditions of use Hours of service	Frequency/ Purpose	Remarks
1	2	3	4	5
<p align="center">SHIRAZ CTA</p> 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
<p align="center">TEHRAN CTA</p> 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	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
<p align="center">UROMIYEH CTA</p> A circle, radius 20 NM centered 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
<p align="center">BANDAR ABBASS TMA</p> 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	
<p align="center">ESFAHAN TMA</p> 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	
<p align="center">MASHHAD TMA</p> 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	

<i>Name</i> <i>Lateral limits</i> <i>Vertical limits</i> <i>Class of airspace</i>	<i>Unit providing service</i>	<i>Call sign</i> <i>Languages</i> <i>Area and conditions of use</i> <i>Hours of service</i>	<i>Frequency/Purpose</i>	<i>Remarks</i>
1	2	3	4	5
<p align="center">SHIRAZ TMA</p> <p>A circle, 70 NM radius centered on Shiraz DVOR</p> <p align="center"><u>FL245</u> 11500 FT AMSL</p> <p>Class of airspace: A - Above FL 200 C - At FL 200 and below</p>	<p align="center">Shiraz APP</p>	<p align="center">Shiraz Radar/Approach English - Persian H24</p>	<p>119.000 MHZ 125.400 MHZ</p> <p>362.300 MHZ 344.000 MHZ 385.400 MHZ 243.000 MHZ 317.500 MHZ</p>	
<p align="center">TEHRAN TMA</p> <p>A circle, 70 NM radius centered on Tehran DVOR excluding the north segment of a line of 354119N 0524247E to 362039N 0500516E</p> <p align="center"><u>FL275</u> 8500 FT AMSL</p> <p>Class of airspace: A - Above FL 200 C - At FL 200 and below</p>	<p align="center">Mehrabad APP</p>	<p align="center">Mehrabad Radar/Approach English - Persian H24</p>	<p>125.100 MHZ 119.700 MHZ 121.500 MHZ</p> <p>362.300 MHZ 317.500 MHZ 243.000 MHZ</p>	<p>All INBD TFC expected to be leveled at or below:</p> <p>FL240 when TMA entry point is: MUXOR, RADAL, BOXAM</p> <p>FL280 when TMA entry point is: SAV, MIVAK</p>