



Islamic Republic of Iran

HANDLING OF SAFE AND EFFICIENT FLOW OF AIR TRAFFIC WITHIN TEHRAN FIR

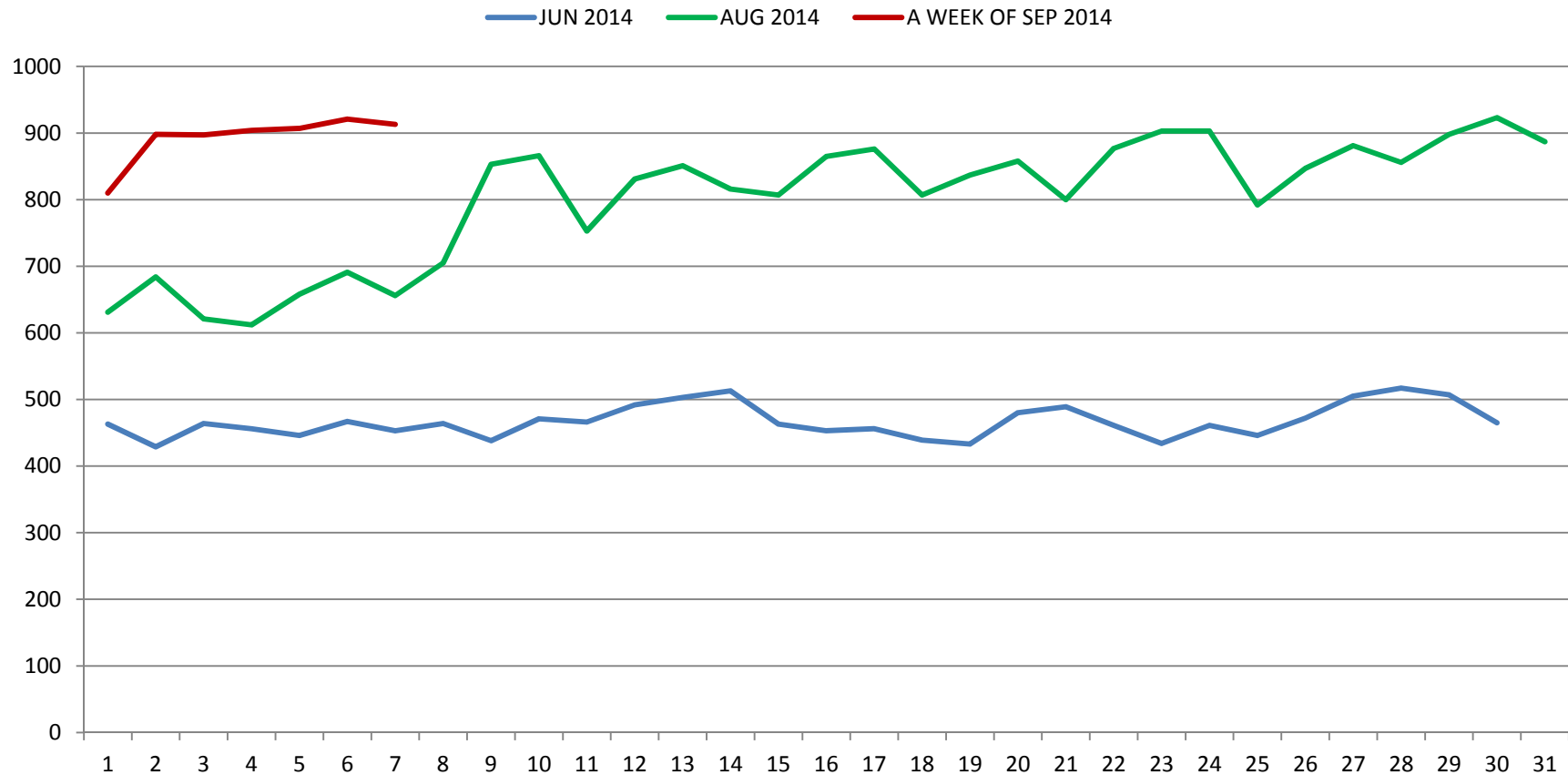
Special Coordination Meeting on the Implementation of ATM Contingency Arrangements

24-25 September 2014

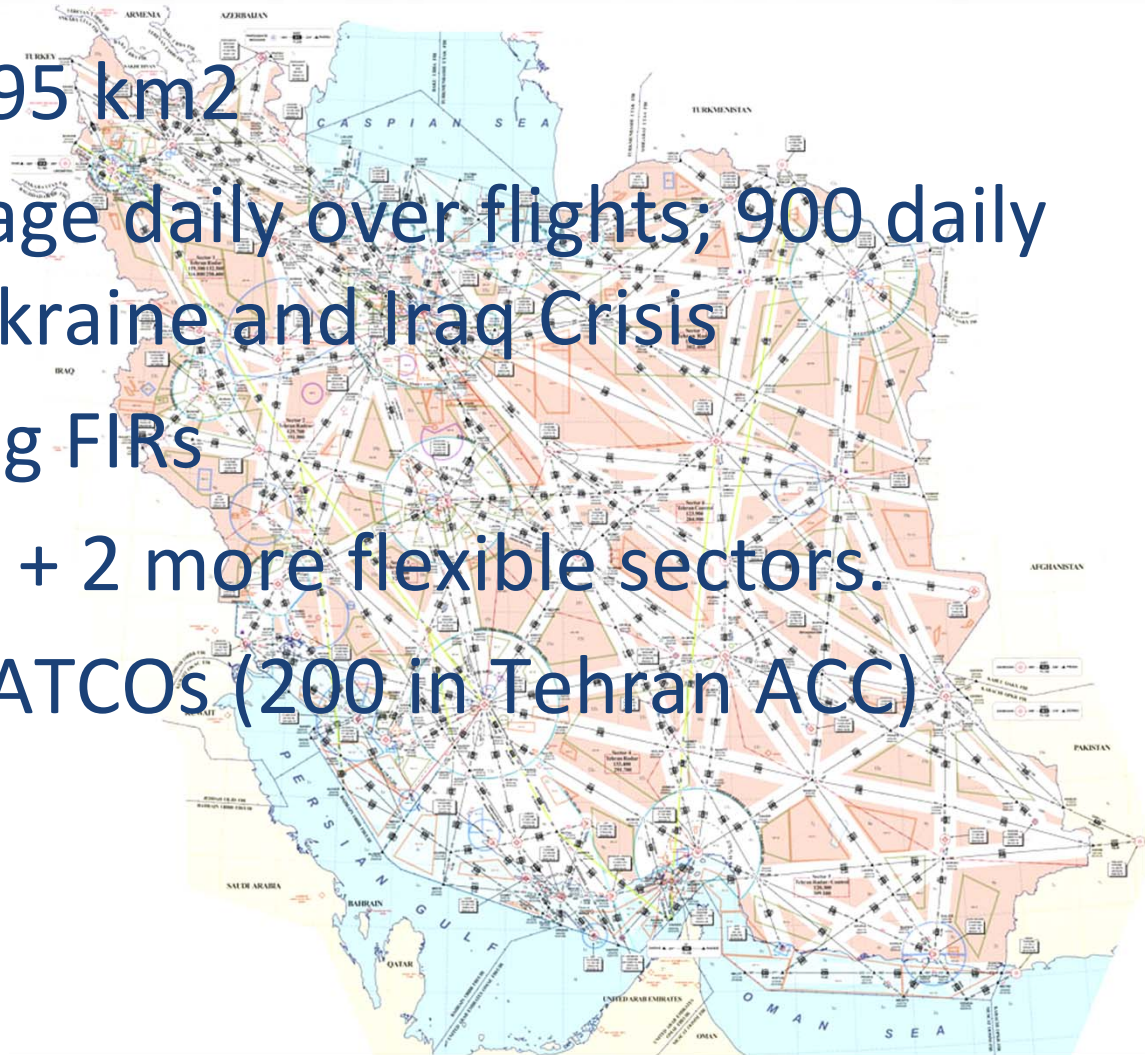
ICAO Middle East (MID) Regional

Cairo, Egypt

The rapid growth of air traffic in Tehran FIR



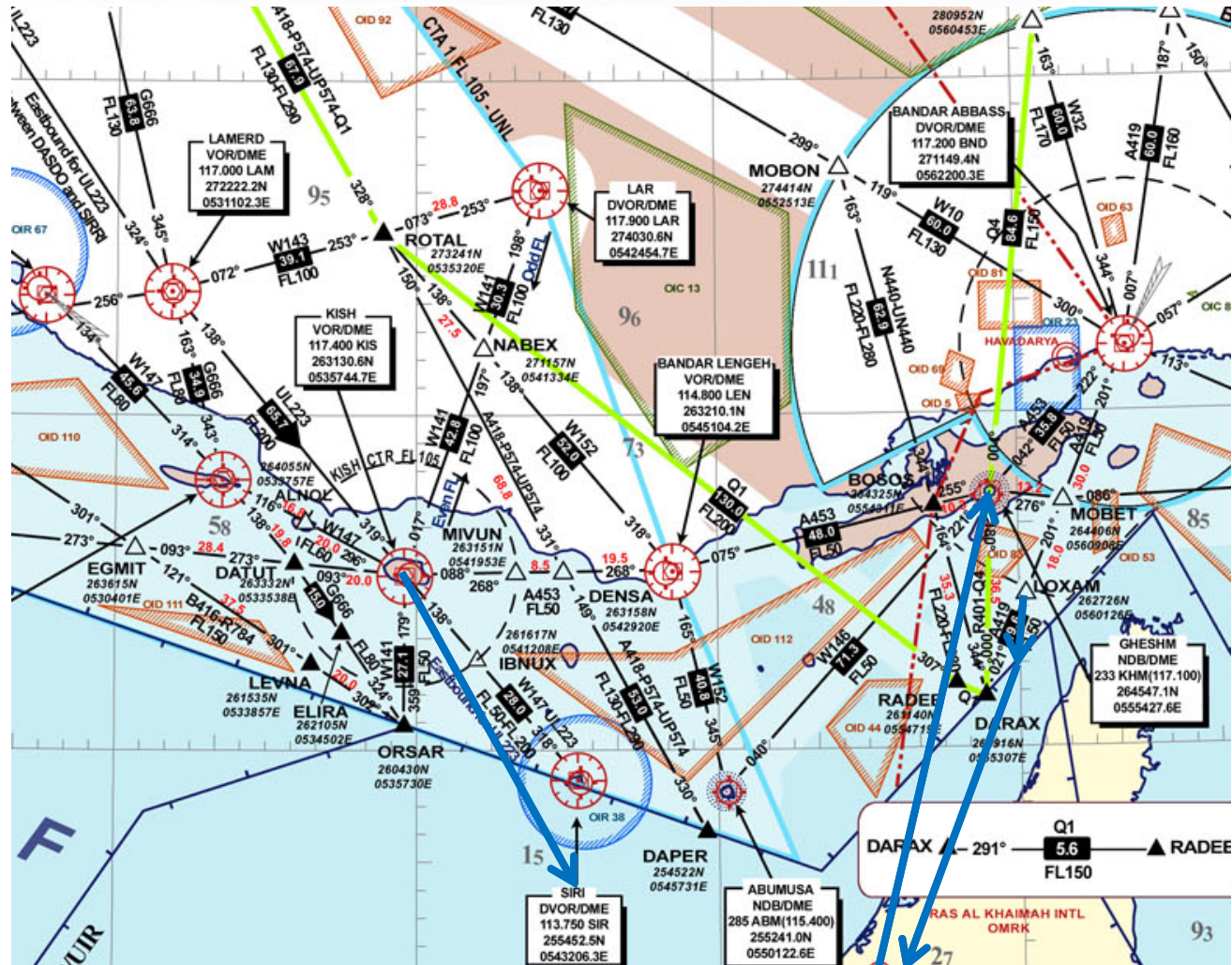
- Area :1,648,195 km²
- 450-500 average daily over flights; 900 daily flights after Ukraine and Iraq Crisis
- 12 neighboring FIRs
- 7 ACC Sectors + 2 more flexible sectors.
- 1000 trained ATCOs (200 in Tehran ACC)
- RNAV Routes



Short-term measures/steps:

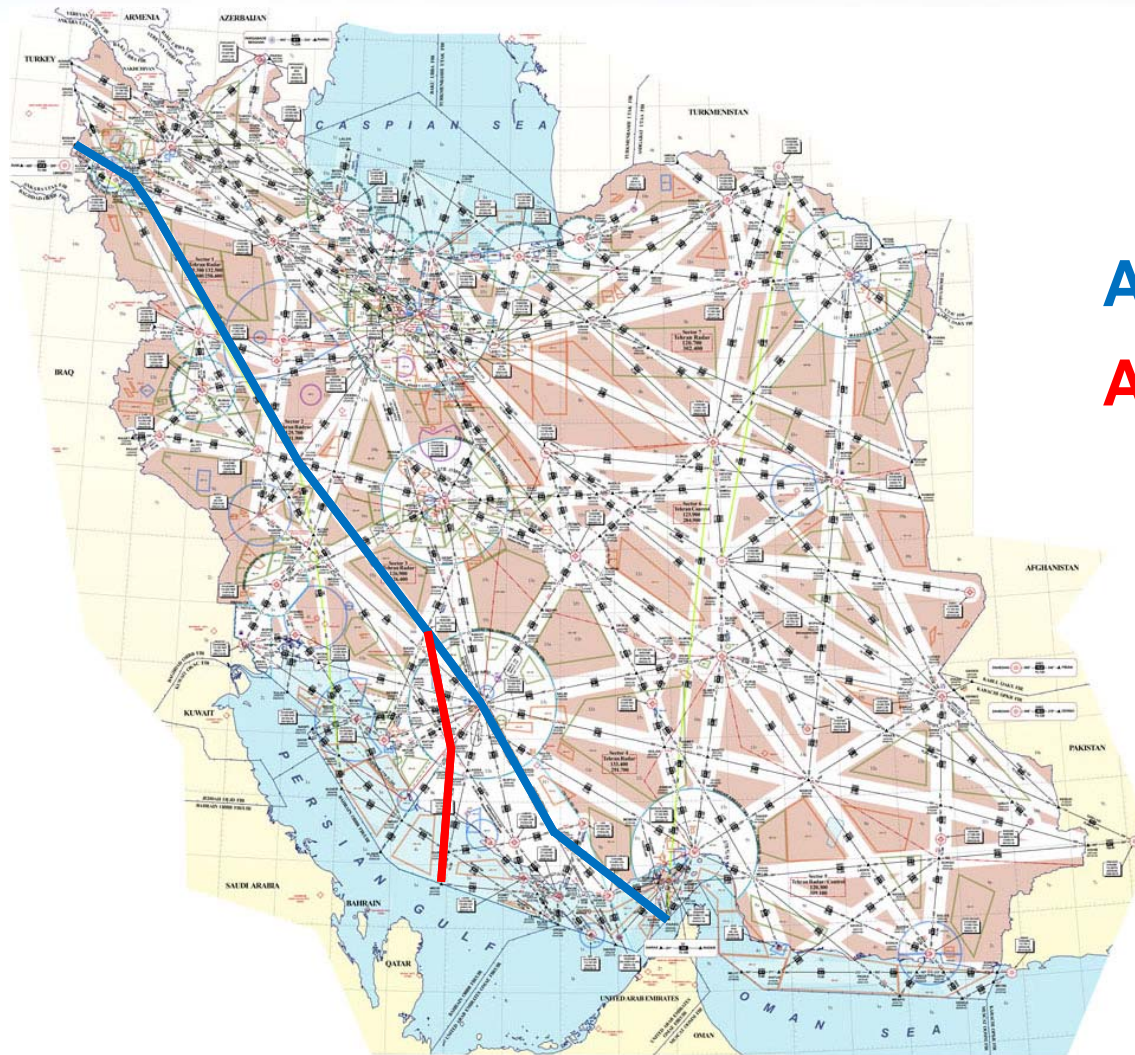
- Basic RNAV training course for at least 200 ATCOs;
- Training of radar Refresh Course for 120 Radar Controllers;
- Iran-UAE Coordination Meeting in Tehran to renew LOA
- Iran-Bahrain Coordination Meeting in Tehran to renew LOA
- Application of 20NM Radar separation to accept traffic from UAE, Bahrain and Ankara;

Application new Letter of Agreement (LOA) with UAE



Short-term measures/steps:

- Establish of parallel airway Q1 (unidirectional) for traffic from UAE/Bahrain to west and European airspace and vice versa, based on RANV 5;
- Establishment of parallel airway Q3 (unidirectional) for traffic from UAE on DARAX, based on RANV 1;

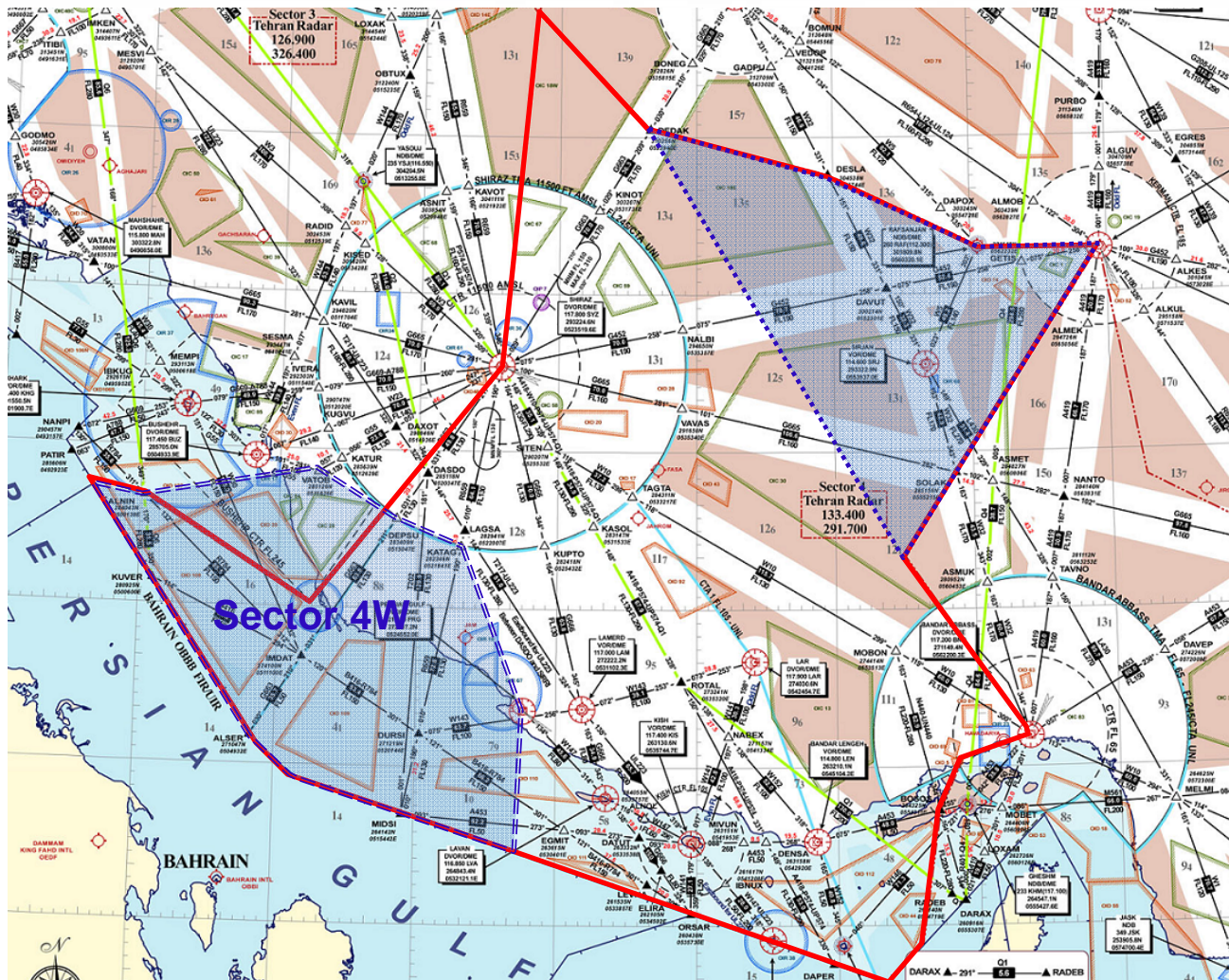


ATS Route Q1
ATS Route Q3

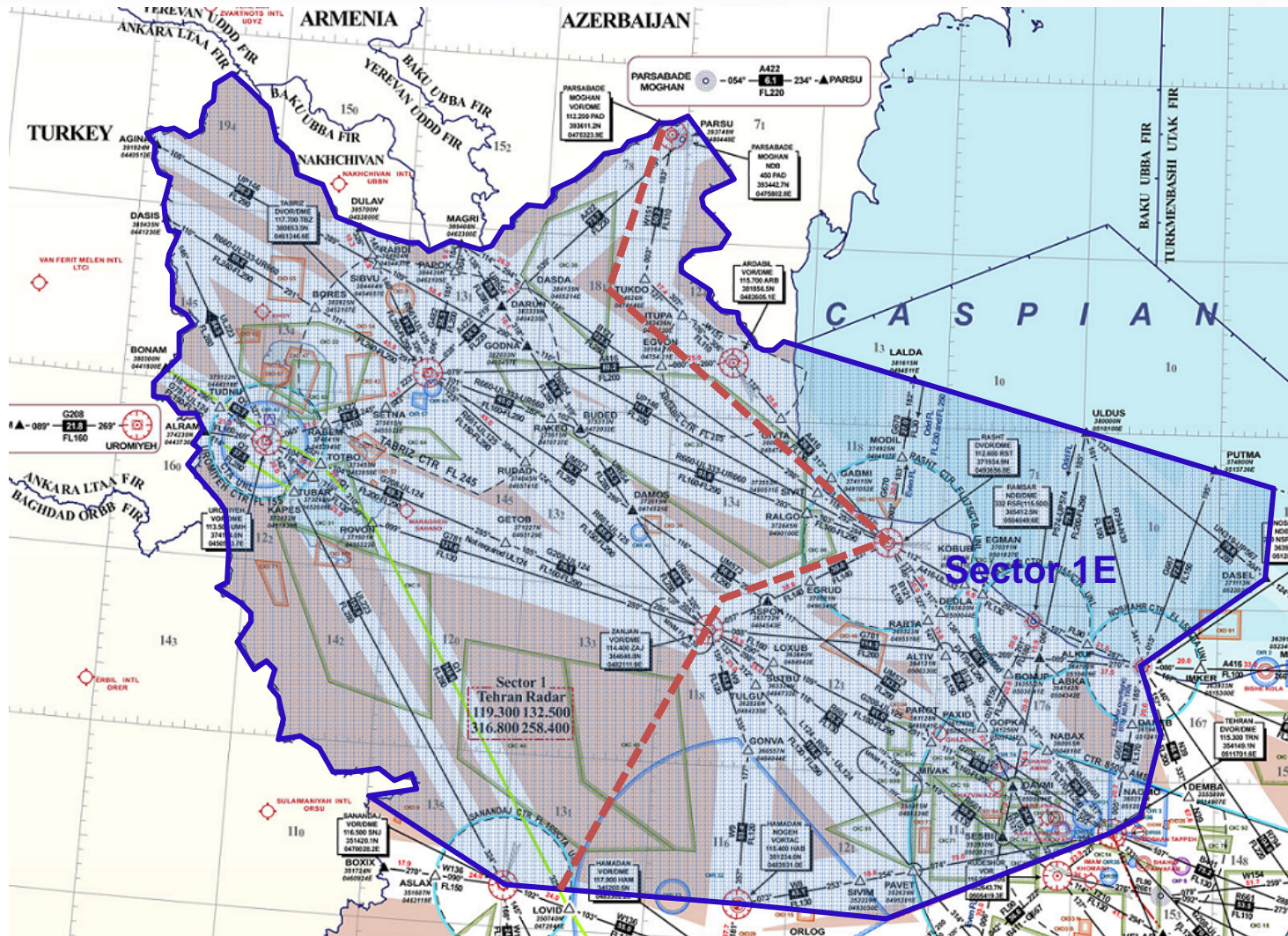
Short-term measures/steps:

- development of over flight routing scheme for the channeling of traffic.
- Implementation of SLOT allocation for Departure traffic from Mehrabad intl. airport;
- A comprehensive study on the Capacity and Flow Management has been carried out by a domestic consultant;
- Survey the ACC sector capacity;
- Survey the Aerodrome capacity;
- application of restriction for non-scheduled flights (from 1330UTC till 1500UTC) for the interest of overflight; and
- Coordination with military to apply FUA.

Sector 4W



Sector 1E





**Thank
You**

