



**Toward Connected Skies**  
Scoping the Role of CAREC in Enhancing  
Regional Cooperation in Aviation  
6-7 April 2017 • Singapore

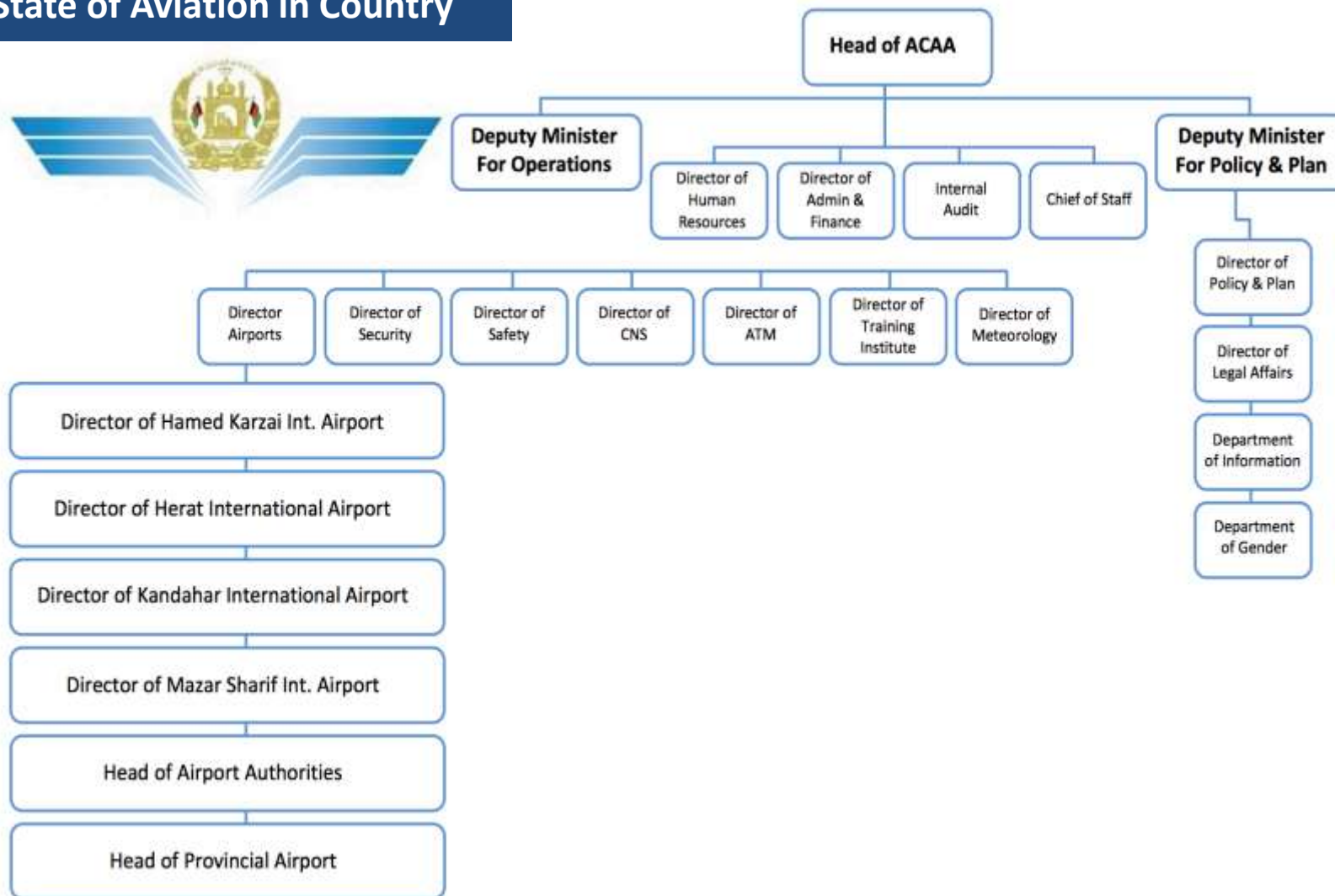
**Определение роли ЦАРЭС**  
в усилении регионального сотрудничества  
в области авиации  
6-7 апреля 2017 г. • Сингапур

# **Toward Connected Skies: Scoping the Role of CAREC in Enhancing Regional Cooperation in Aviation**

## **Afghanistan**



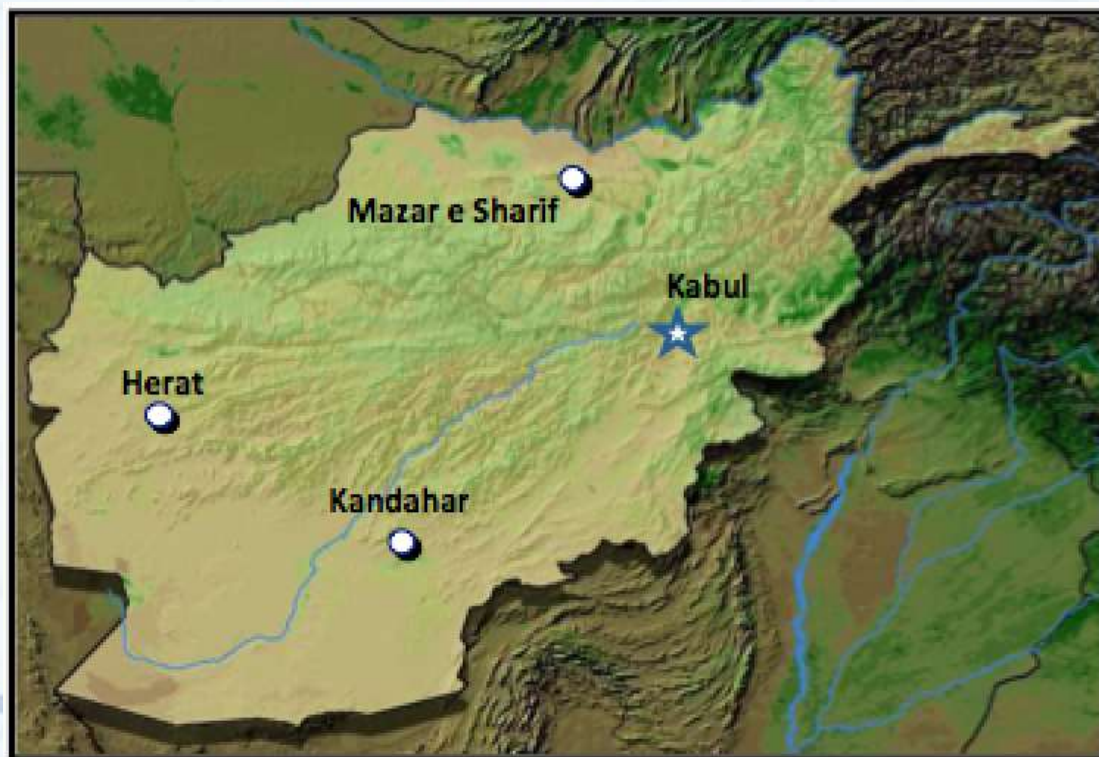
## State of Aviation in Country



## State of Aviation in Country

### International Destinations

- China
- Russia
- Pakistan
- Iran
- India
- Saudi Arabia
- UAE
- Kuwait
- Turkey



- International Airports - 4
- Domestic Airports - 20



## Afghanistan Based Airlines

### Operational Airlines in Afghanistan:

- **Ariana Afghan Airline** AAA The national flag carrier airline Operating since 1957;
- **Kam Air** a privately owned airline company operating since 2003;
- **Safi Airways** a privately owned airline company operation since 2005;

### Aircraft Fleet used:

A-310, A-319, A-320  
B-737, B-767  
MD 82/83/87  
CRJ-200  
Fokker-100





## Status of Connectivity

- **Kabul airport is linked to International Destinations:** India (Delhi), UAE (Dubai), Iran (Mashhad), Saudi Arabia (Jeddah), Tajikistan (Dushanbe), Turkey (Istanbul & Ankara), and Pakistan (Islamabad), China (Urumqi), Russia (Moscow);
- **Kabul airport is linked to Domestic Destinations:** Faizabad, Khost, Farah, Bamyan, Neemroz, Jalalabad and Helmand.
- **Mazar-e-Sharif airport has linkage to:** Tajikistan (Dushanbe), Turkey (Istanbul), and Iran (Mashhad)
- **Kandahar airport had linkage to:** India (Delhi), UAE (Dubai), Iran (Mashhad) and Saudi Arabia (Jeddah)
- **Herat airport has linkage to:** Iran (Mashhad)





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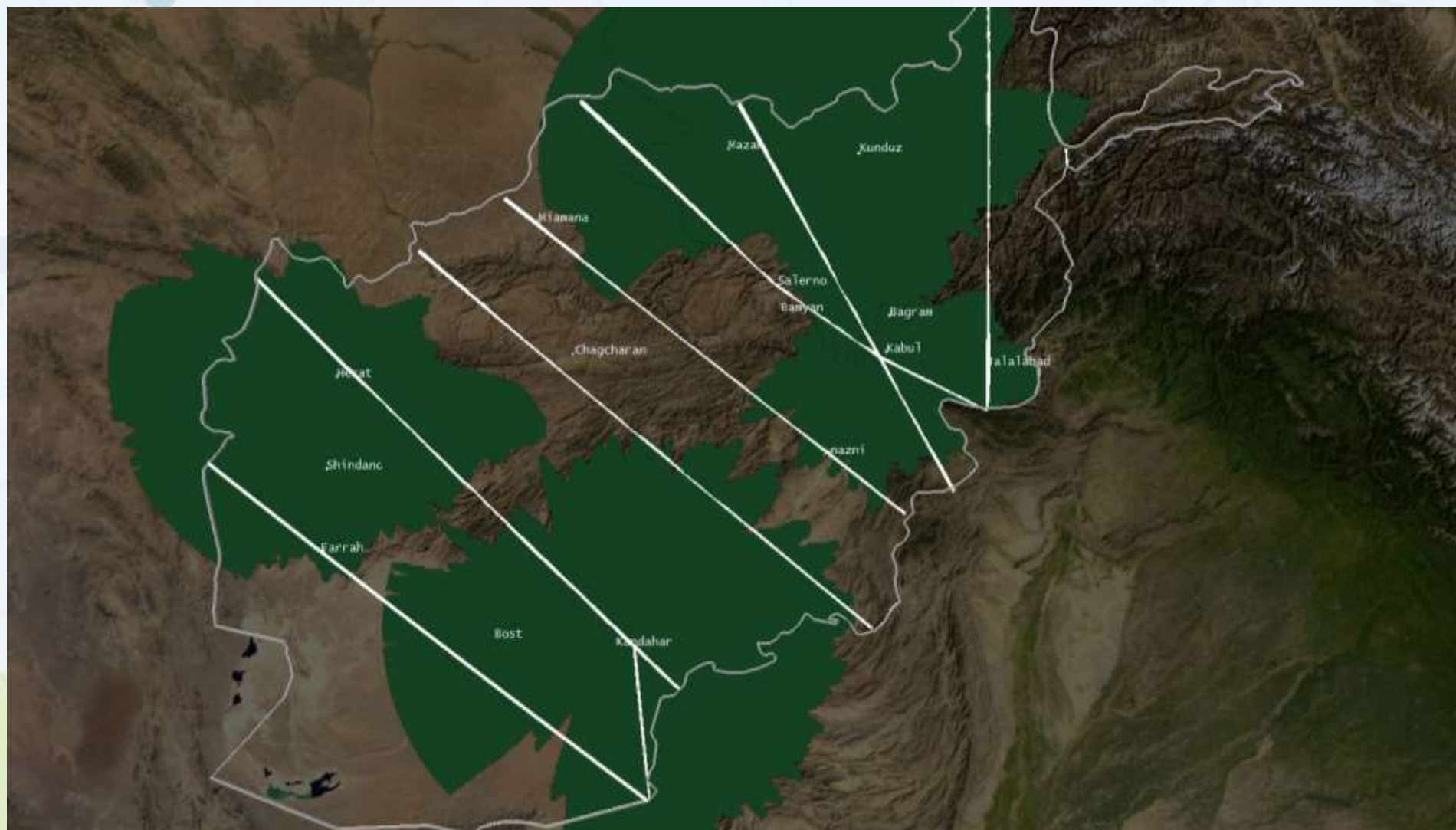
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## Air Service Agreements / MOU

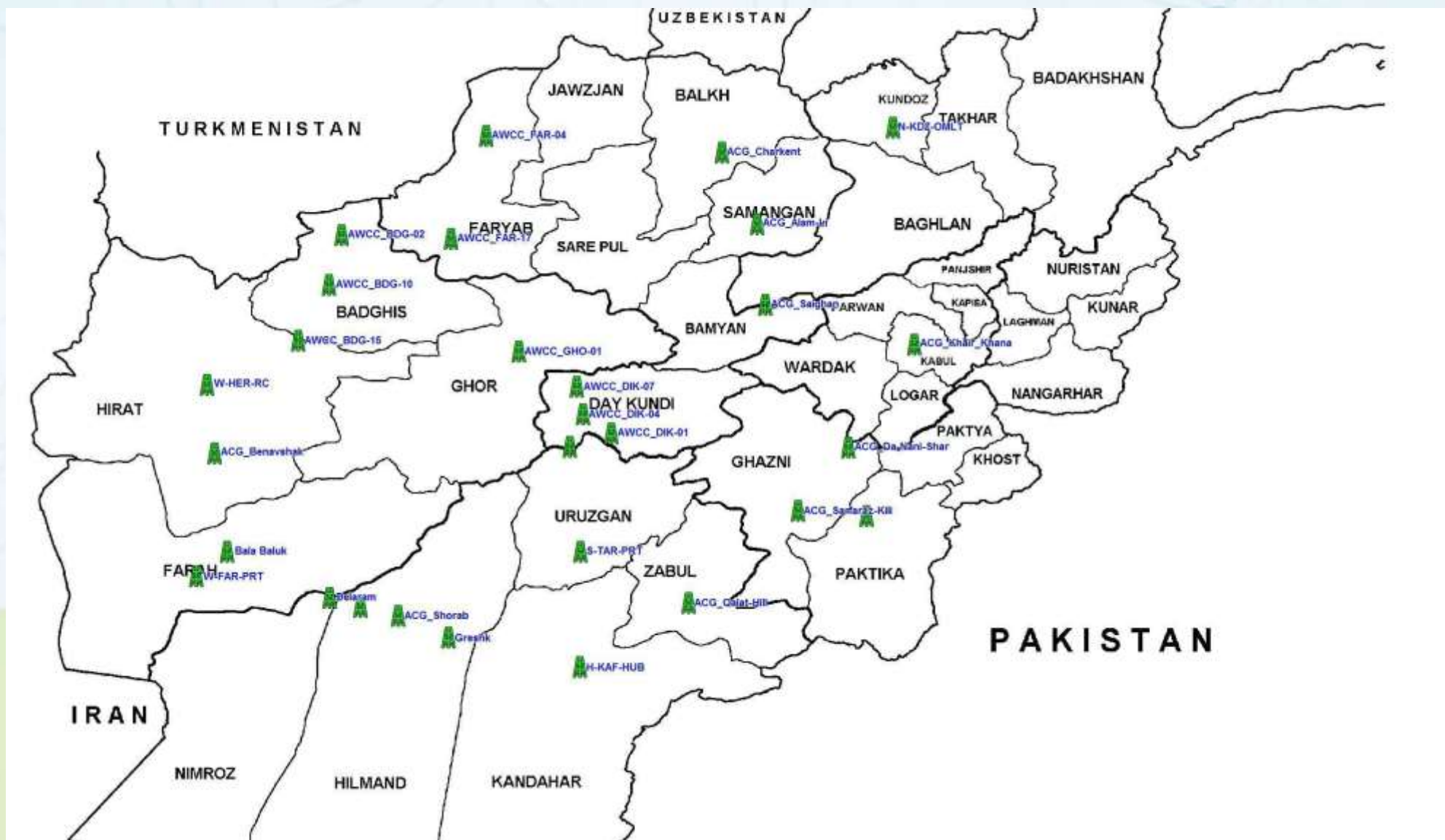
- **UAE**
- **China**
- **Turkey**
- **India**
- **Pakistan**
- **Uzbekistan**
- **Turkmenistan**
- **Tajikistan**
- **Iran**
- **Azerbaijan**
- **Russia**
- **EU (Germany, Austria etc)**



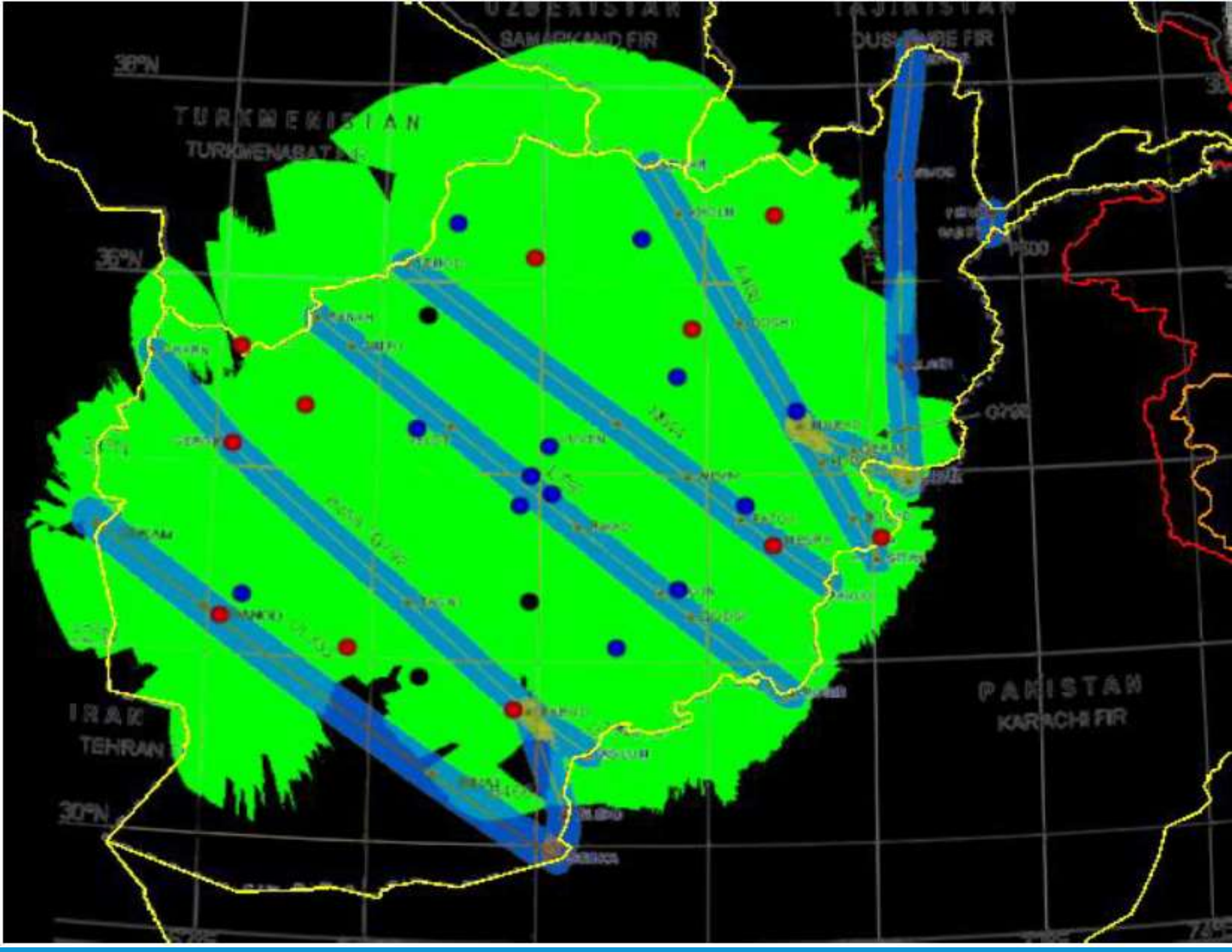
## High Sector Routes



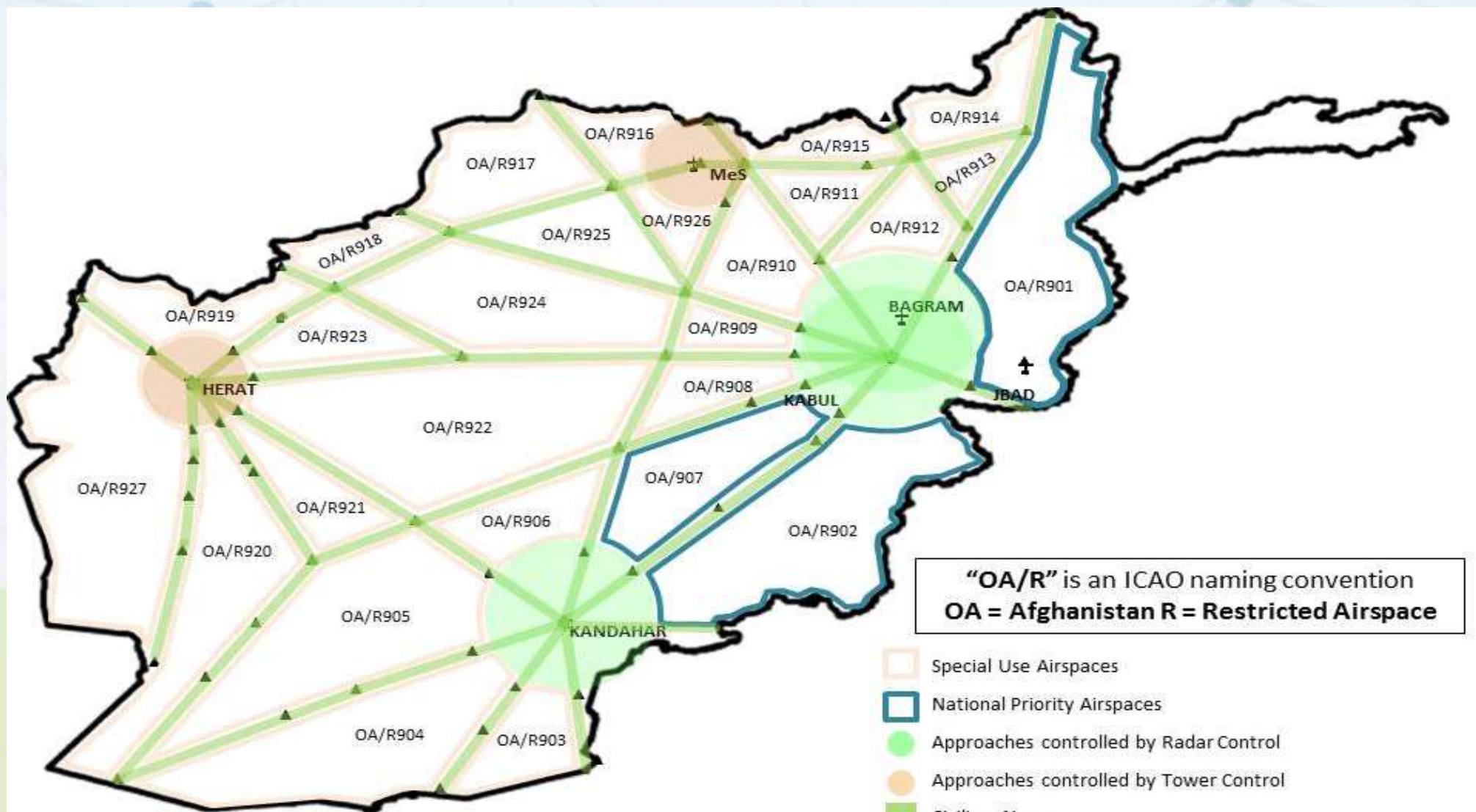
## Wide Area Multi Literation System / ADS-B





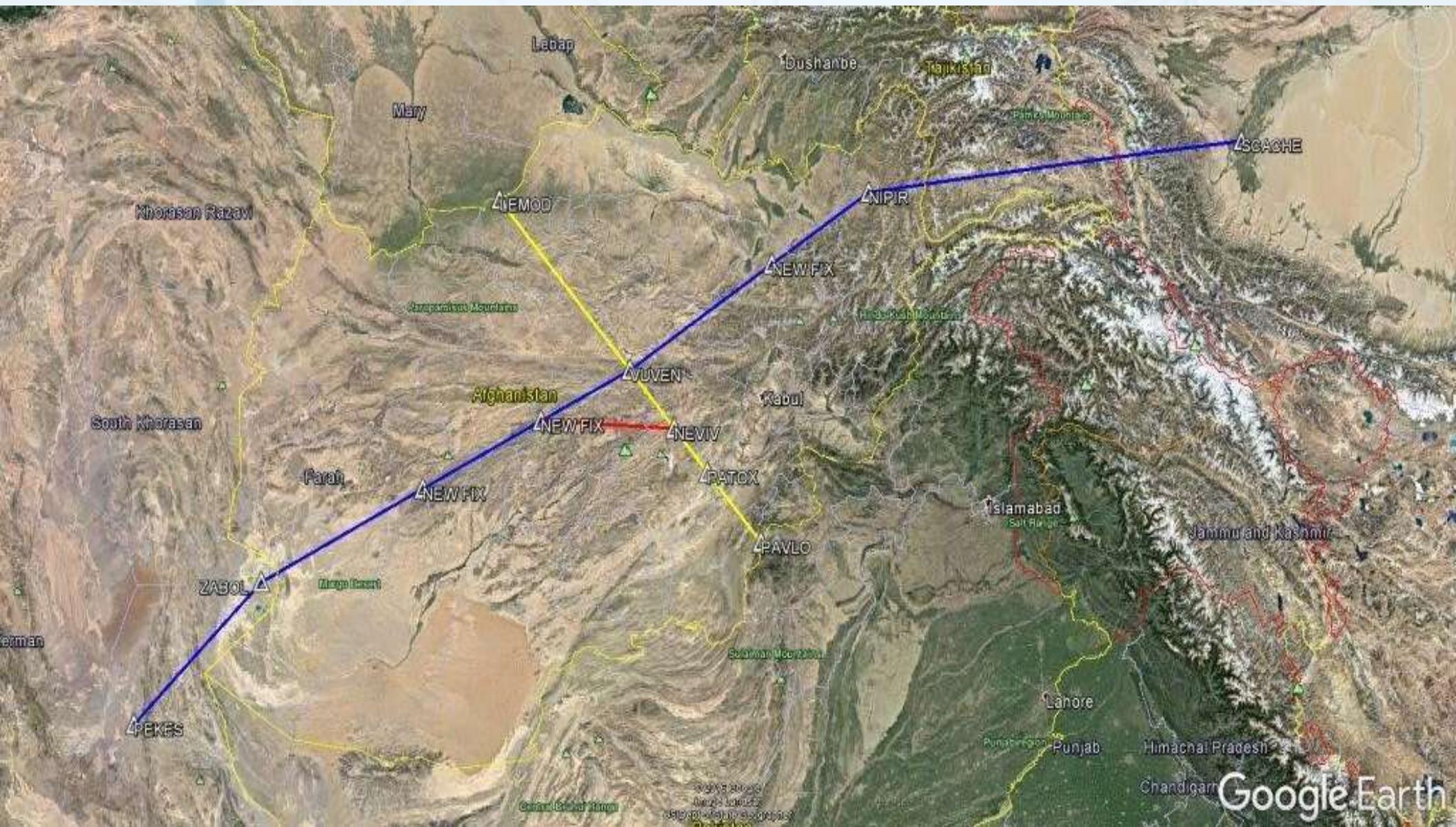


## Low Air Routes / Airspace Structure





## Proposed High Routes





## Proposed High Routes

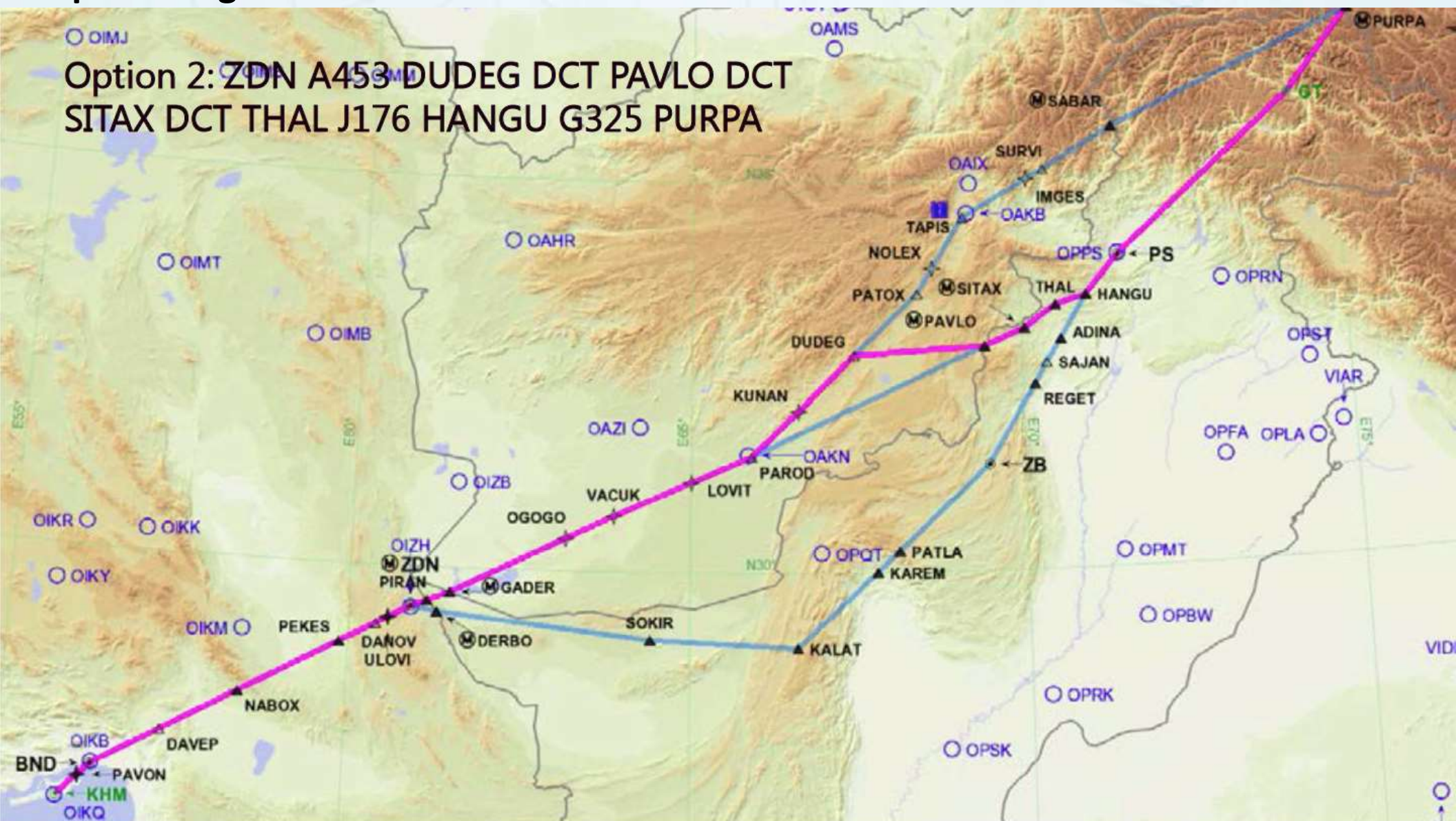
Option 1: ZDN A453 PAROD DCT PAVLO  
DCT SITAX DCT THAL J176 HANGU G325  
PURPA





## Proposed High Routes

Option 2: ZDN A453 DUDEG DCT PAVLO DCT  
SITAX DCT THAL J176 HANGU G325 PURPA



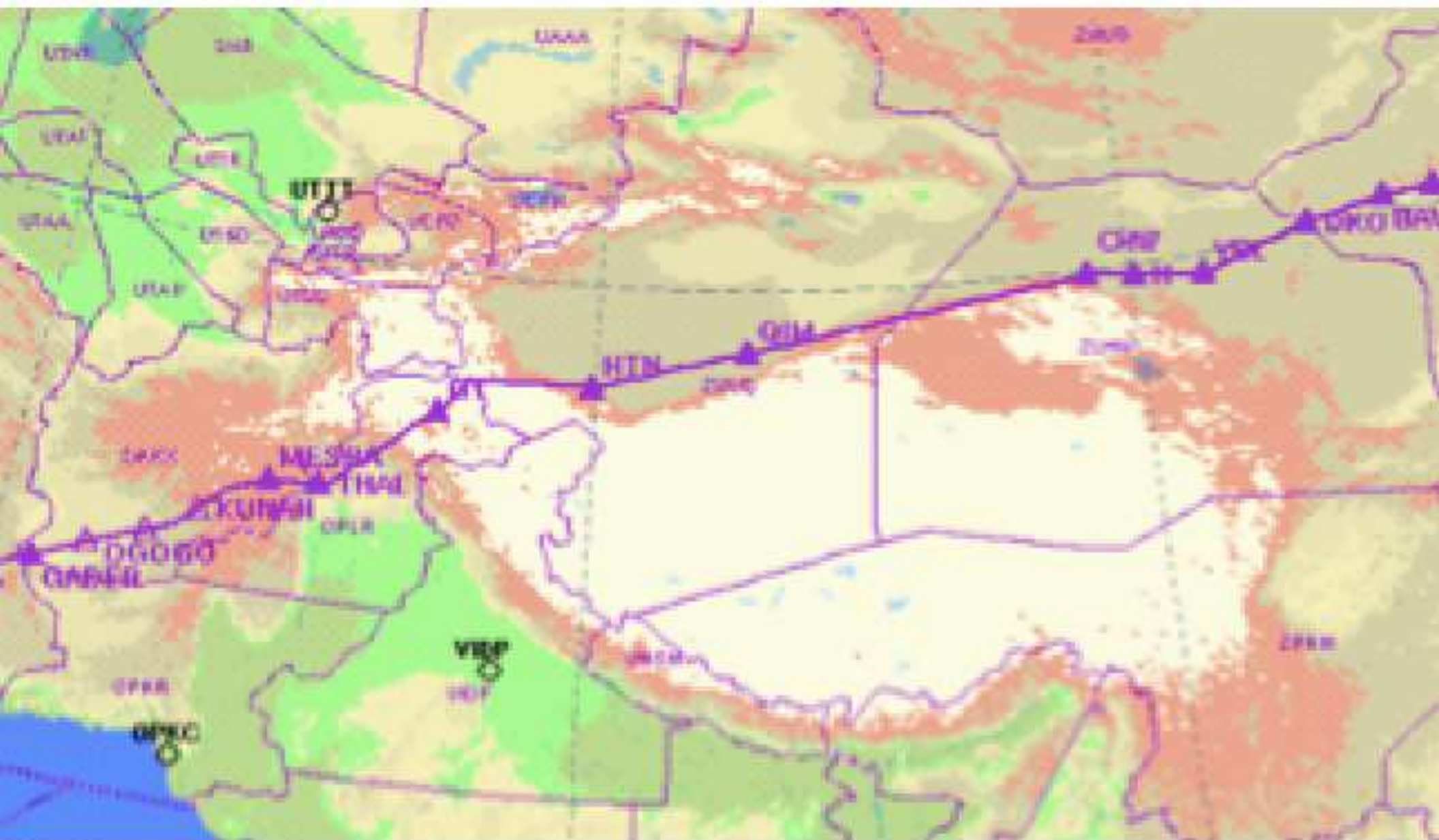




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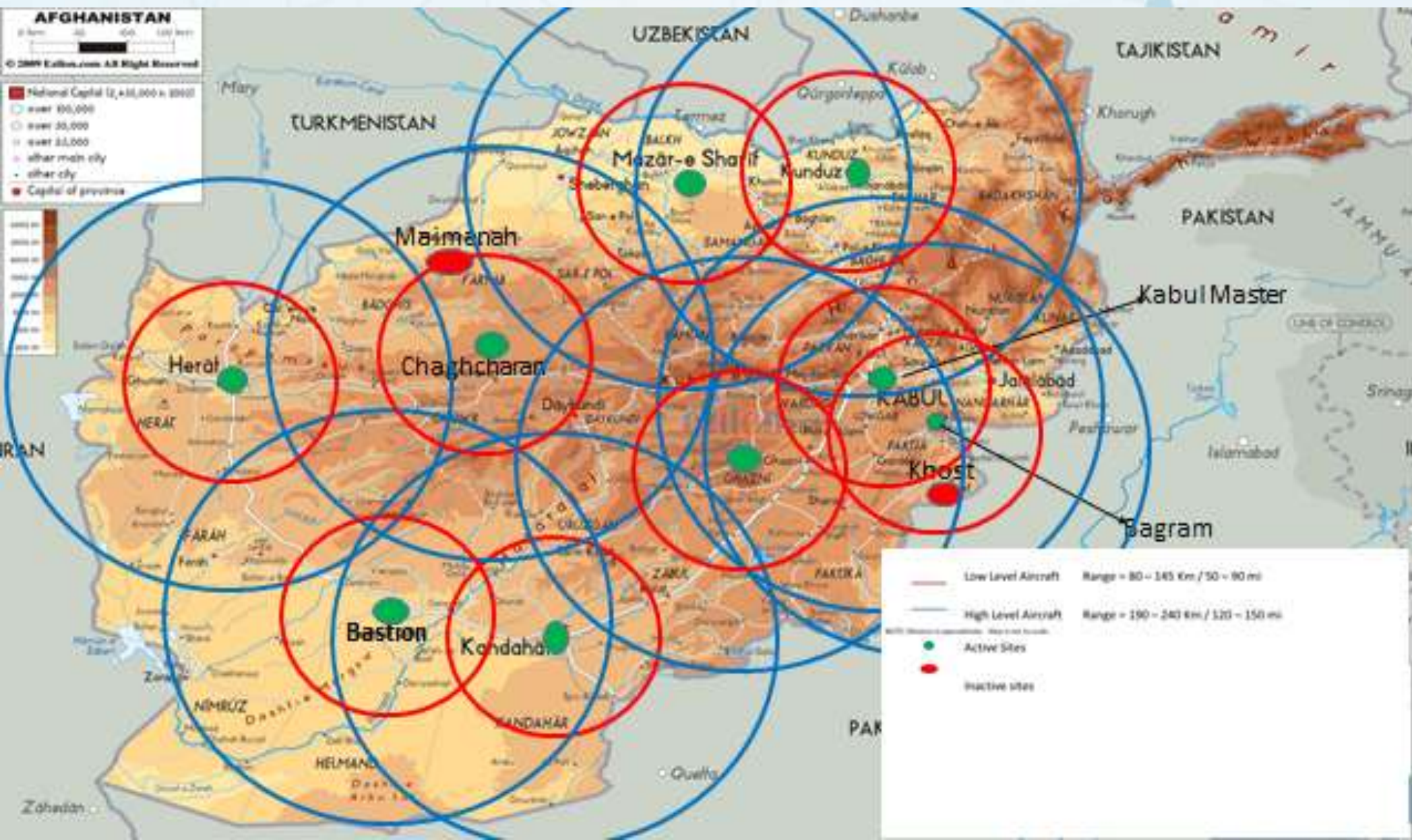
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## Routing to / From Far East Via Afghanistan





## VSAT Coverage





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# Questions

