



AFGHANSAT 1

Ministry of Communications & IT (MCIT)

Afghan Telecom Regulatory Authority (ATRA)

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EUTELSAT COMMUNICATIONS- AT A GLANCE



- More than 30 years of satellite operations
- 35 satellites in orbit.
- Coverage in 150 countries in Europe ,Africa , Asia and the Americas.
- Strong mix of Video ,Data and Broadband services.
- Broadcasting 5800 TV channels .
- Consolidated revenues 1348 million Euro financial year 2013-2014



AFGHANSAT 1



- Orbital Location : 48.1 E.
- Launch Date :20 December 2008.
- Lifetime : February 2021.
- Launcher : Ariane 5 ECA.
- Operational Transponders: 8
- Services areas : Fixed and steerable coverages.



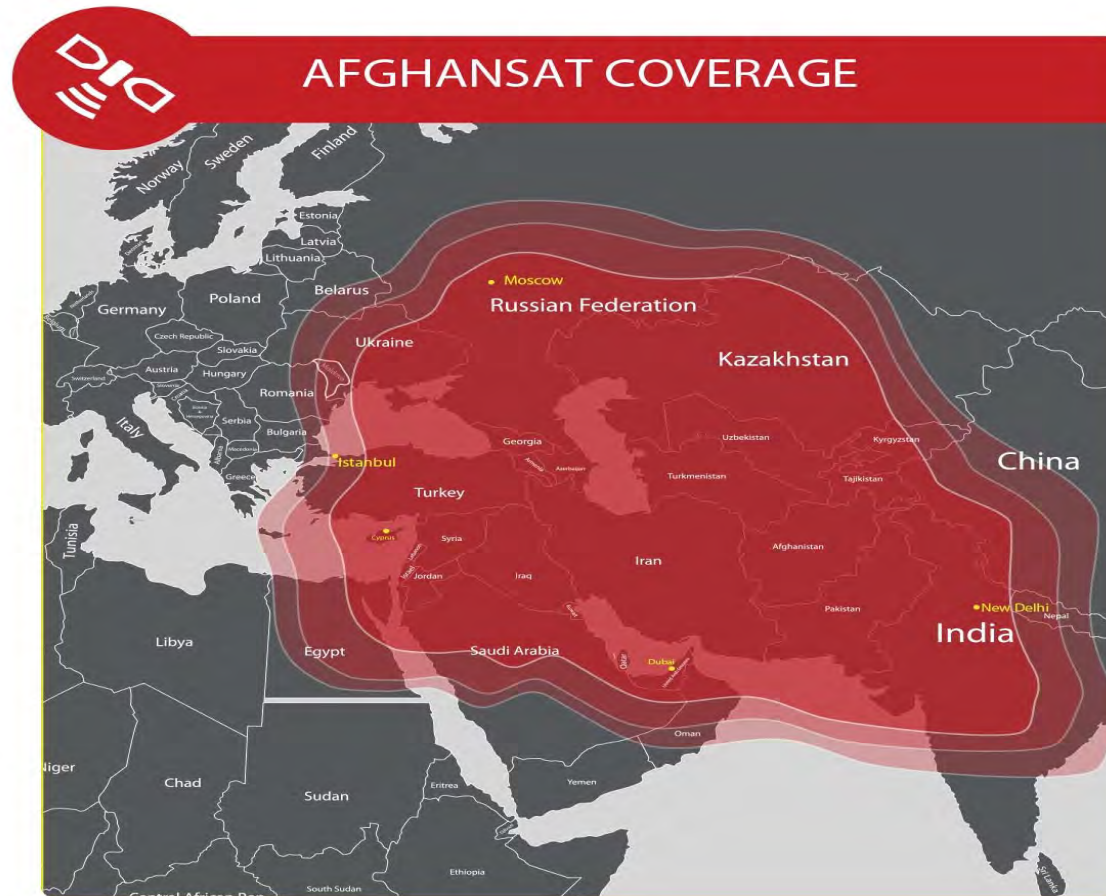
TARGET SERVICES



- Full – Duplex services.
- Feeder links.
- GSM Backhaul.
- Broadband Internet.
- TV and Radio Broadcast.

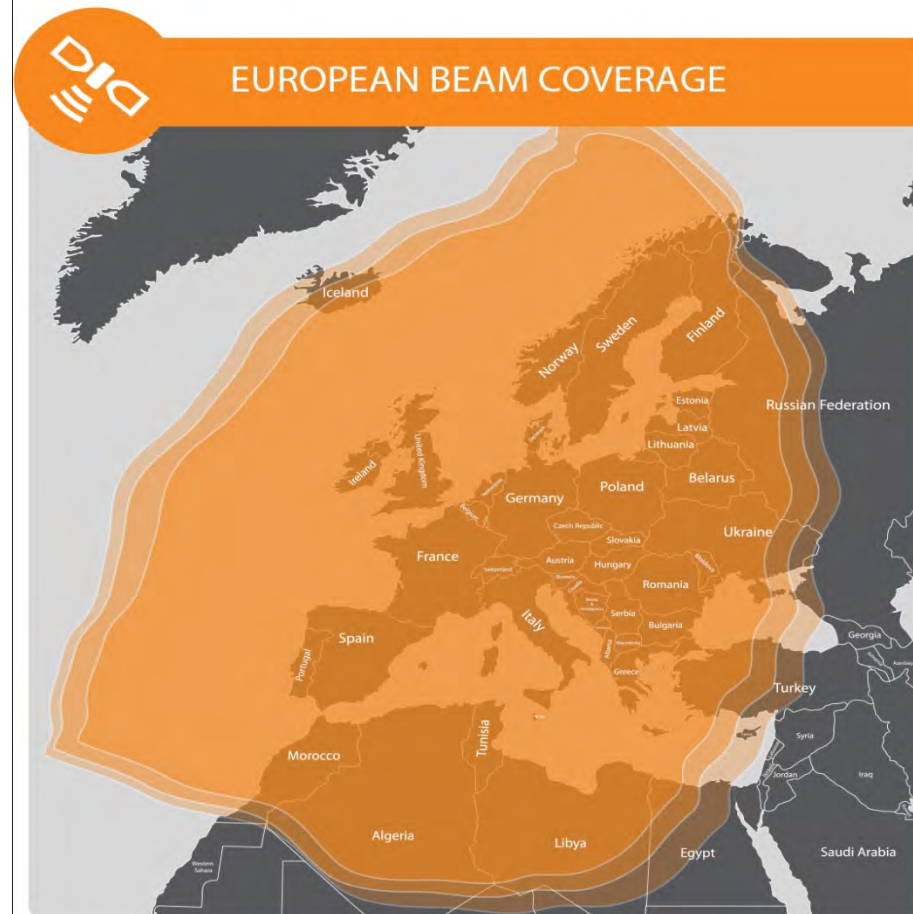


DOWNLINK FIXED COVERAGE



DOWNLINK STEERABLE COVERAGE

European beam of Afghansat available 1st Quarter 2015



COVERAGE & COMPARISON SHEET



Coverage and Comparison Discovery Sheet



Name: **Afghansat 1, 48° East**
 Satellite Age: **6 years**
 Mission duration: **15 years**
 Coverage: **Eastbeam: ca. 30 countries**



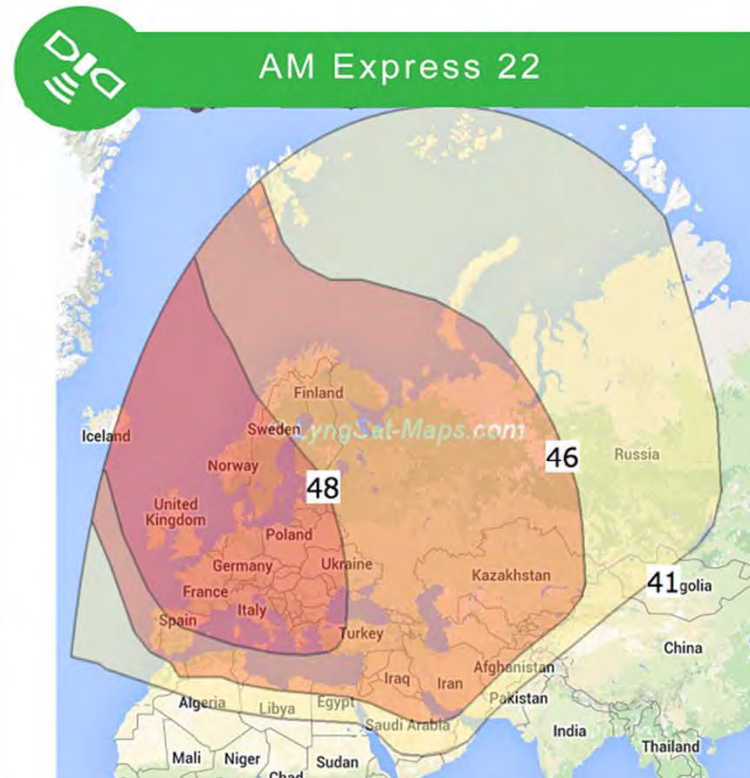
Name: **Yahsat 1A, 52.5° East**
 Satellite Age: **3 years**
 Mission duration: **15 years**
 Coverage: **Eastbeam: in ca. 20 countries**



COVERAGE & COMPARISON SHEET



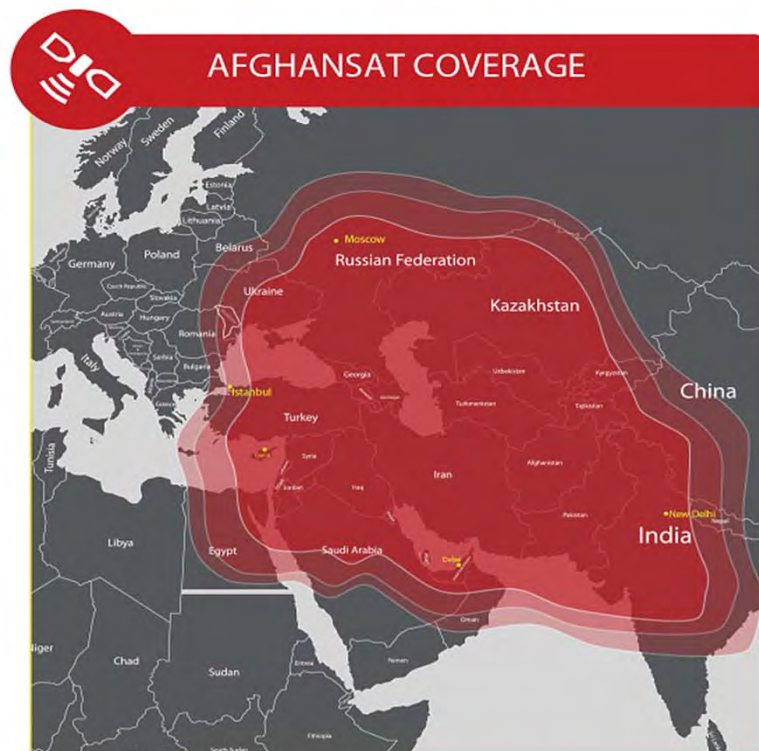
Name: **Afghansat 1, 48° East**
 Satellite Age: **6 years**
 Mission duration: **15 years**
 Coverage: **Eastbeam: ca. 30 countries**



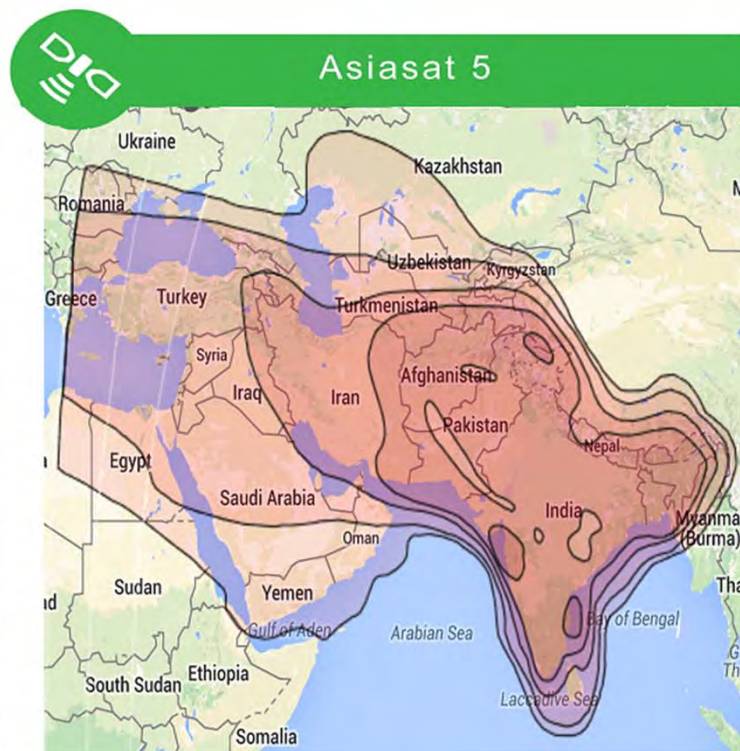
Name: **AM Express 22**
 Satellite Age: **11 years**
 Mission duration: **12 years**
 Coverage: **ca. 40 countries**



COVERAGE & COMPARISON SHEET



Name: **Afghansat 1, 48° East**
 Satellite Age: **6 years**
 Mission duration: **15 years**
 Coverage: **Eastbeam: ca. 30 countries**



Name: **Asiasat 5, 100 East**
 Satellite Age: **5 years**
 Mission duration: **15 years**
 Coverage: **ca. 25 countries**



COUNTRIES UNDER COVERAGE

- Afghanistan
- UAE
- Athens (Greece)
- Pakistan
- Saudi Arabia
- Muscat (Oman)
- India
- Moscow (Russia)
- Qatar City (Qatar)
- Uzbekistan
- Kiev (Ukraine)
- Bahrain (Bahrain)
- Tajikistan
- Bucharest (Romania)
- Iraq
- Turkey
- Part of Nepal
- Iran
- Cyprus
- Cairo (Egypt)
- Part of China
- Kazakhstan
- Beirut (Lebanon)



KABUL EARTH STATION



- Full redundant Earth station:
- 2.4 Meter Advent Mantis Antenna
- 2 x 750 W HPA
- 13.11 – 14.5 GHz KU Band
- Uplink of 2 Transponder currently
- 18 SD Channels / transponder



○ Thank You.....

