

# Arabsat Satellite Communications Organization

C-Band Services and Solutions  
with AXESS Networks

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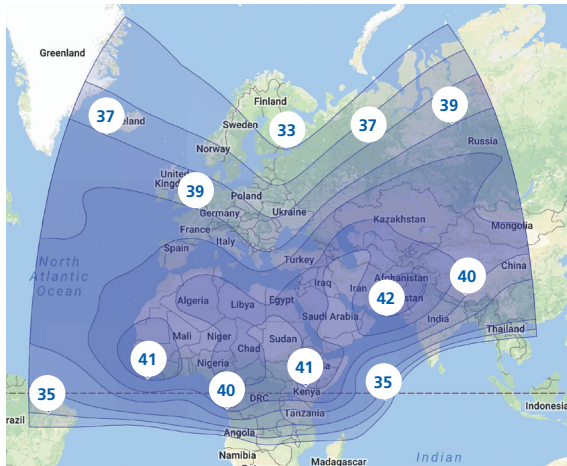
[www.arabsat.com](http://www.arabsat.com)

# Arabsat C Band Services

C-Band services on the Appendix 30B C-Band ensures the availability and resiliency of C-band without the possible interference from terrestrial technologies utilizing adjacent frequencies.

The managed services are provided from our partner's teleport in Germany that is certified for excellence and a local team presence in the entire coverage region.

## C – BAND APX- ARABSAT 5A@ 30.5°E (EMEA & C.Asia) Beam Downlink.



ARABSAT 5A - EIRP FOOTPRINT



Oil and Gas



Maritime



Mining



Infrastructure



NGO



Uplink Frequency Range = 6.725 – 7.025 GHz

Downlink Frequency Range = 4.500 – 4.800 GHz

C-Band has a long success history in satellite communications. It has many benefits over other commonly used frequency bands such as continental-wide coverage zones or low susceptibility to rain fade. Widely used standard and extended C-Band are ranging from 3,4 to 4,2 GHz in the receive. In the past years, bigger parts of this frequency range are being assigned for 5G services. This process requires rigorous coordination process for special C-band protection zones application which can vary from country to country. In addition to the issue with upcoming 5G deployments, standard and extended C-Bands are also exposed to interferences from increasingly deployments of fixed wireless broadband systems, radars and aircraft altimeters. All of the aforementioned constrains non of which applies the Appendix 30B C-band Frequencies thus ensures a superior performance.



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