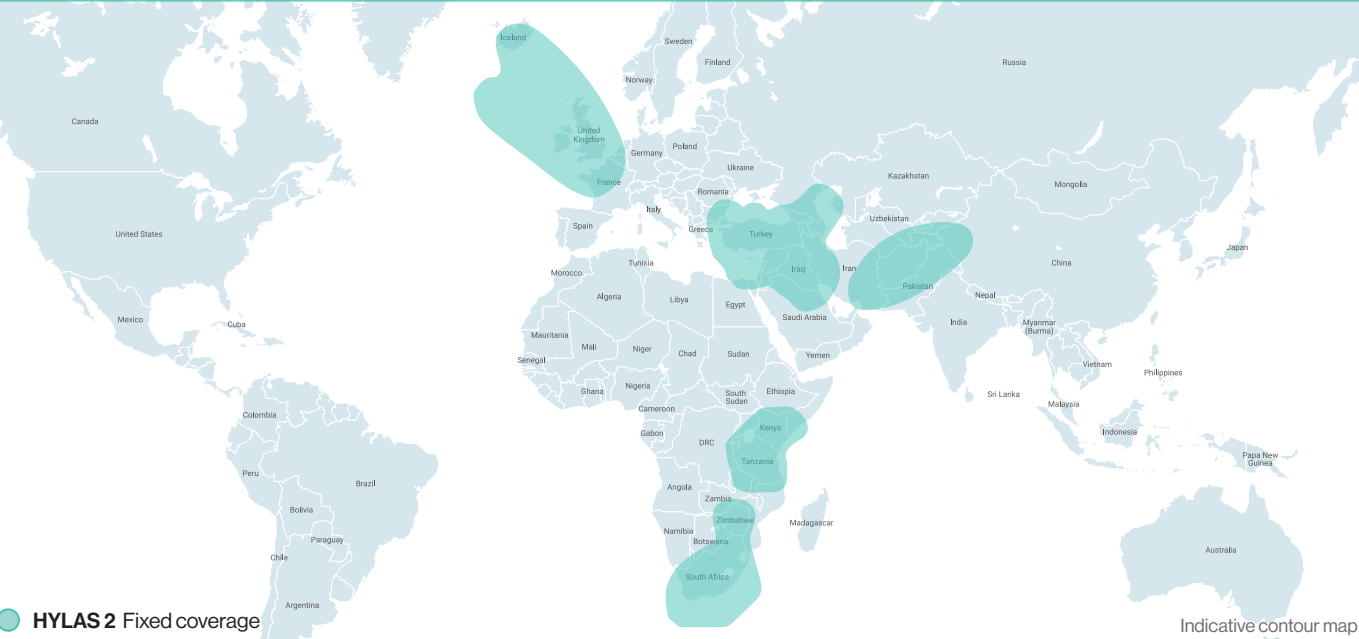


# HYLAS 2



Launched in 2012, HYLAS 2 uses high-throughput Ka-band technology. The spacecraft has 24 fixed beams and one steerable beam, addressing markets across Europe, the Middle East, the Caucasus and Africa.

## Satellite Specifications

Orbital Location	31° E
Fixed Capacity	10.8 GHz
Steerable Capacity	920 MHz
Fixed Beams	24
Steerable Beams	1
Polarisation	Circular

## Fixed User Beams

### Beam Performance

EIRP (at edge of coverage)	> 58.0 dBW
G/T (at edge of coverage)	> 11.5 dB/K

## Steerable Beams

HYLAS 2's steerable beam can be steered to anywhere on the earth's disk with visibility from 31°E.

### Beam Performance

EIRP (at edge of coverage)	> 54.0 dBW
G/T (at edge of coverage)	> 7.0 dB/K

### Steerable Beam Functionality

Mode of Operation	Gateway to User or Loopback
Steering Function	Frequent Steering
Steering Commanding	Secure Customer Ticket or Secure API