

# THOR 7 COVERAGE

## In-Service 2015



### HTS/Ka band coverage

Telenor Satellite Broadcasting's (TSBc) THOR 7 Ka-band High Throughput Satellite (HTS) payload will offer 6-9 Gbps throughput with up to 25 simultaneously active spot beams. We will offer services with download speeds in the tens of Mbps, even from small antennas and deliver uplink speeds anywhere from 2-6Mbps (depending upon antenna size).

Service availability is key, with TSBc implement a package of solutions to mitigate rain-fade on Ka band.

Ku-band will be used to provide continuity of service alongside the Ka-band development for Northern Europe.



#### HTS KA BAND

*Offering up to 25 simultaneously active spot beams providing coverage across the North Sea, Red Sea, Baltic Sea, North Atlantic, Persian Gulf and the Mediterranean.*



#### HTS KA BAND

*Steerable beam can be pointed anywhere over the visible earth- though it's likely position will be over the North Sea.*

## *KU BAND COVERAGE*

The THOR 7 satellite is equipped with a Ku band payload of 11 transponders, providing much needed growth capacity for broadcast and TV services throughout Europe, specifically in Central and Eastern Europe.

