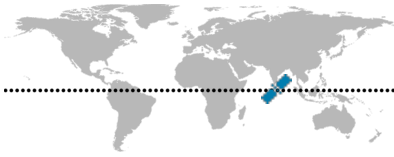


NSS-12

57°E

Orbital location



Coverage

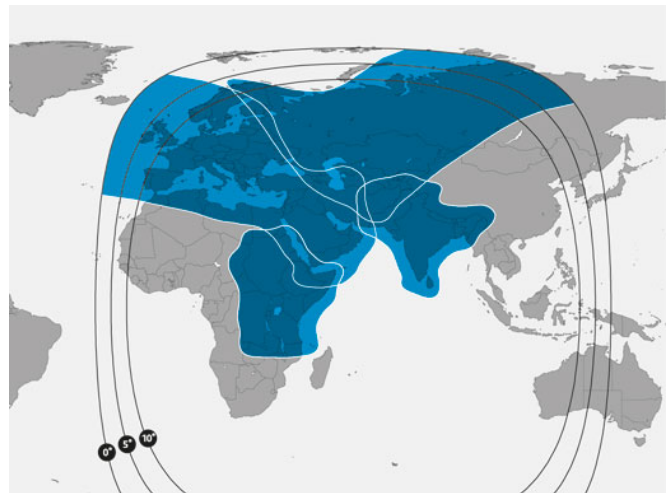
South Africa | North Africa | Europe | Russia | South Asia
| Asia Pacific | Indian Ocean | Middle East

C-band coverage



○ EIRP ● Elevation angle

Ku-band coverage



○ EIRP ● Elevation angle

NSS-12 supports DTH services and delivers 2G, 3G and Wi-max backhaul services over the Middle East and Europe, Central and South Asia and East Africa. It is capable of cross-strapping between C- and Ku-band transponders and can cross-connect China to Africa.

Launch date

29 October 2009

Launch vehicle

Ariane 5

Design life

15 years

Satellite manufacturer

Space Systems Loral

Polarisation

C-band: Circular

Ku-band: Linear

Total transponders

C-band: 40

(36 MHz equivalent)

Ku-band: 48

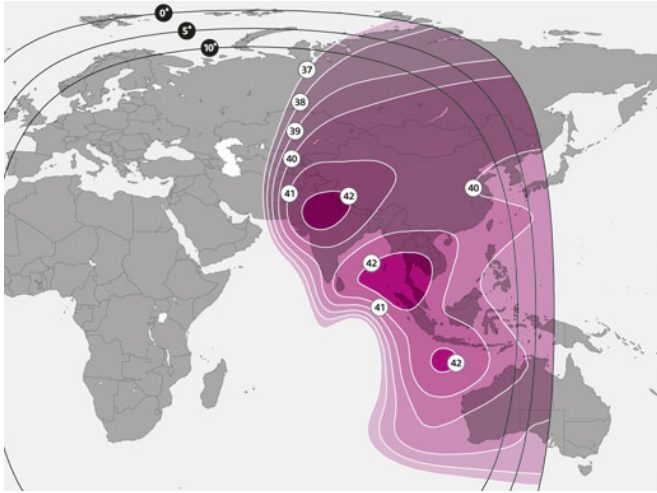
(36 MHz equivalent)

NSS-12

57°E

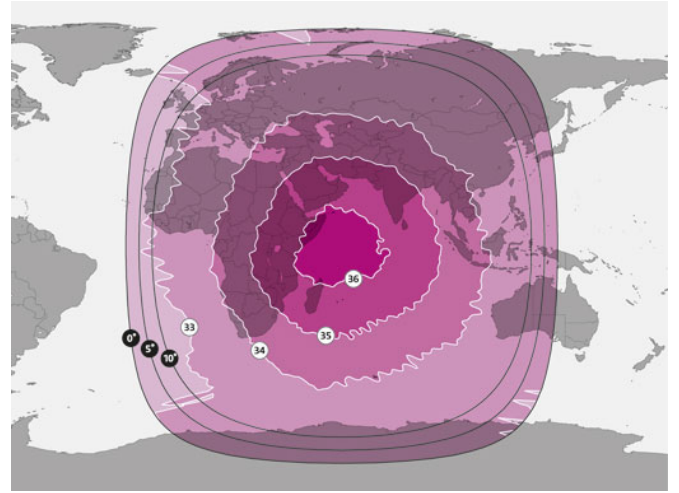
Orbital location

East Hemi C-band beam



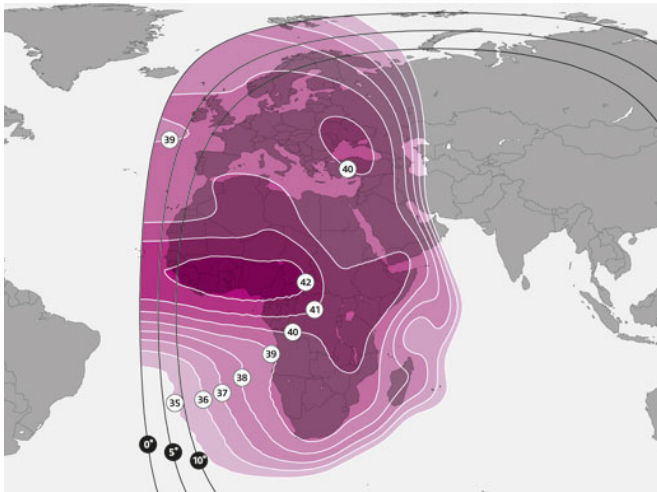
○ ERP ● Elevation angle

Global C-band beam



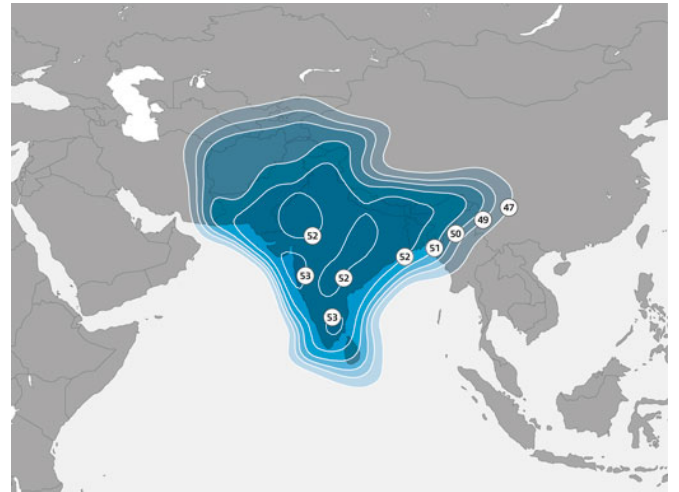
○ ERP ● Elevation angle

West Hemi C-band beam



○ ERP ● Elevation angle

South Asia Ku-band beam



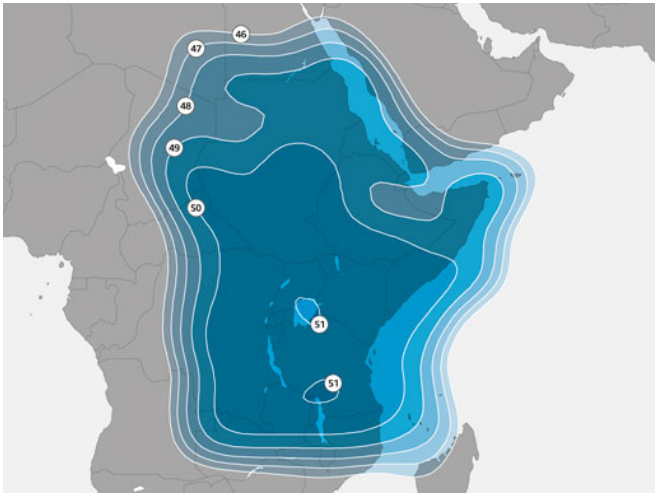
○ ERP ● Elevation angle

NSS-12

57°E

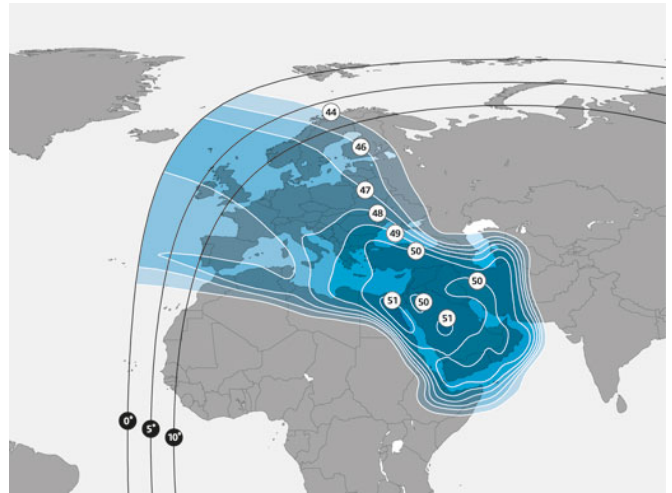
Orbital location

East Africa Ku-band beam



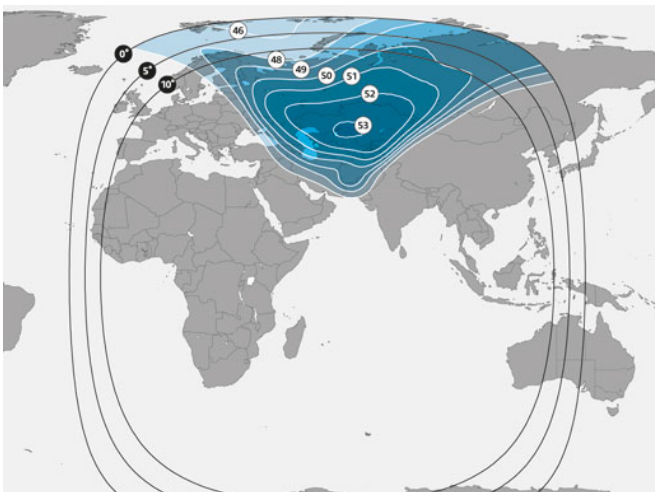
○ ERP ● Elevation angle

Middle East Europe Ku-band beam



○ ERP ● Elevation angle

Central Asia Ku-band beam



○ ERP ● Elevation angle