

NSS-12

57°E

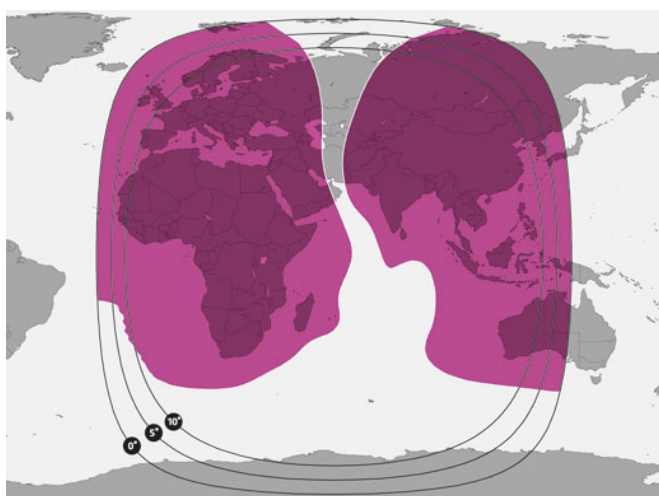
Orbital location



Coverage

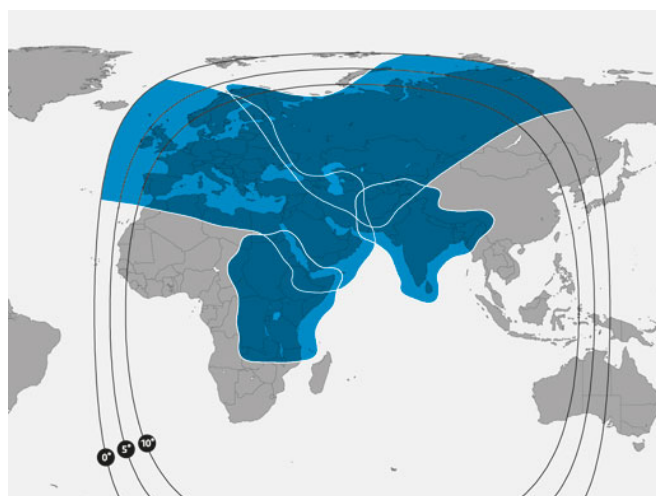
South Africa | North Africa | Europe | Russia | South Asia
Asia Pacific | Indian Ocean | Middle East

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

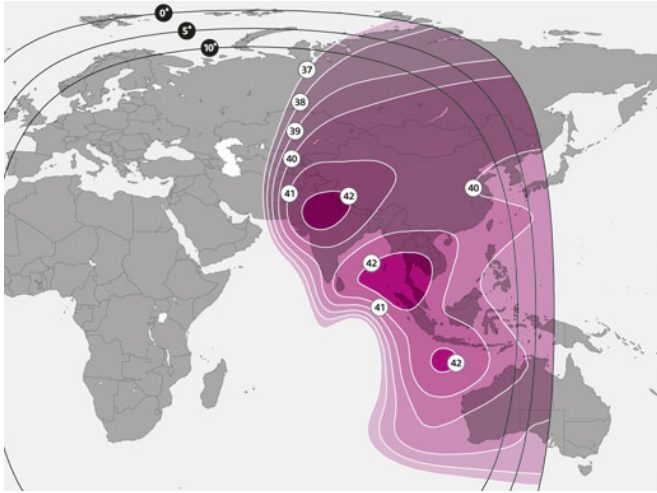
(36 MHz equivalent)

NSS-12

57°E

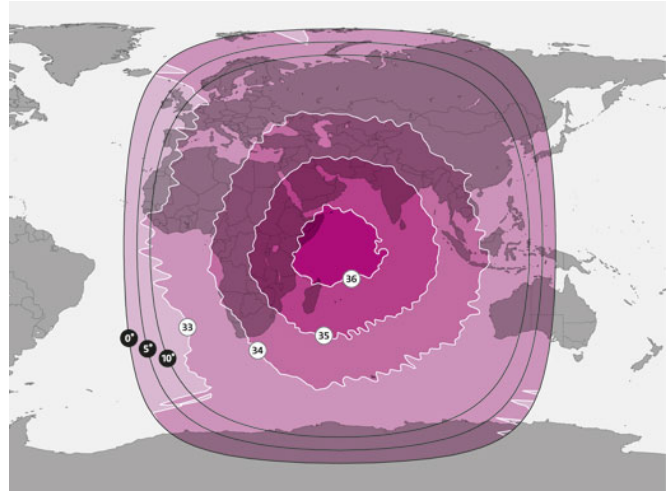
Orbital location

East Hemi C-band beam



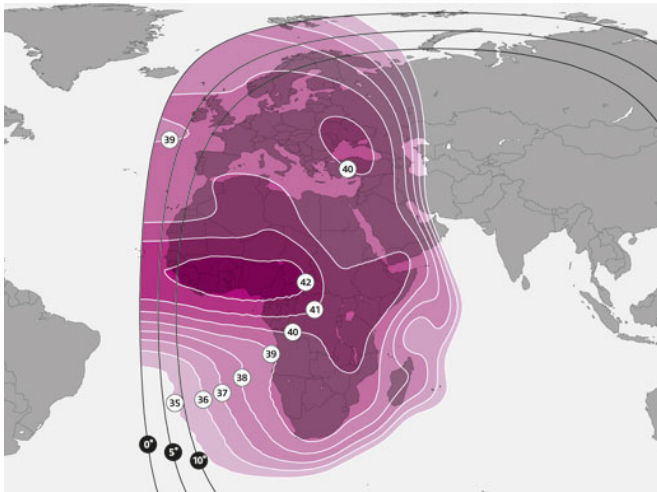
○ ERP ● Elevation angle

Global C-band beam



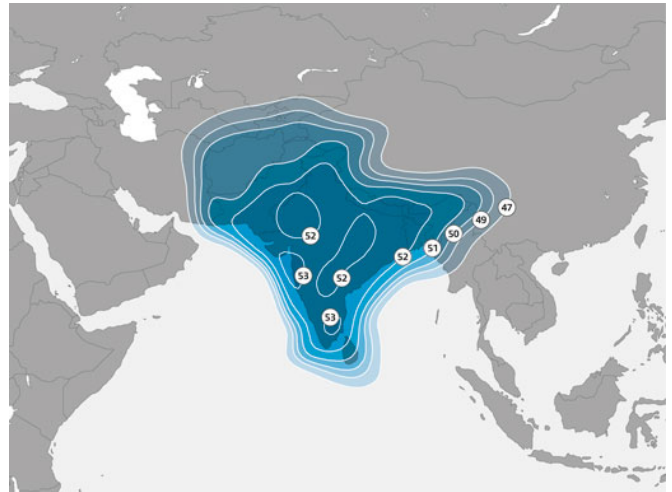
○ ERP ● Elevation angle

West Hemi C-band beam



○ ERP ● Elevation angle

South Asia Ku-band beam



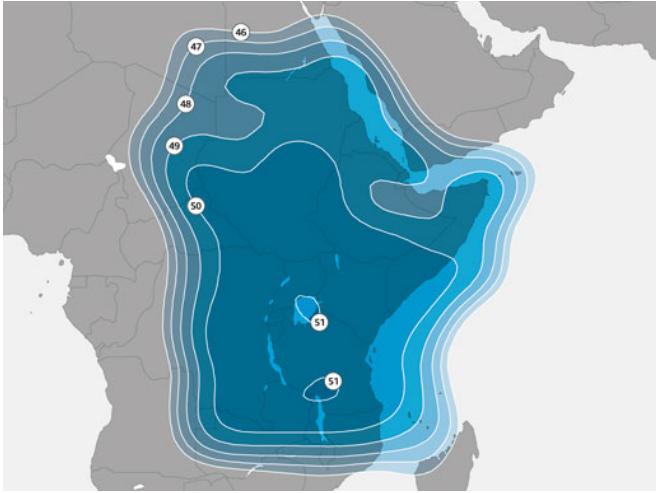
○ ERP ● Elevation angle

NSS-12

57°E

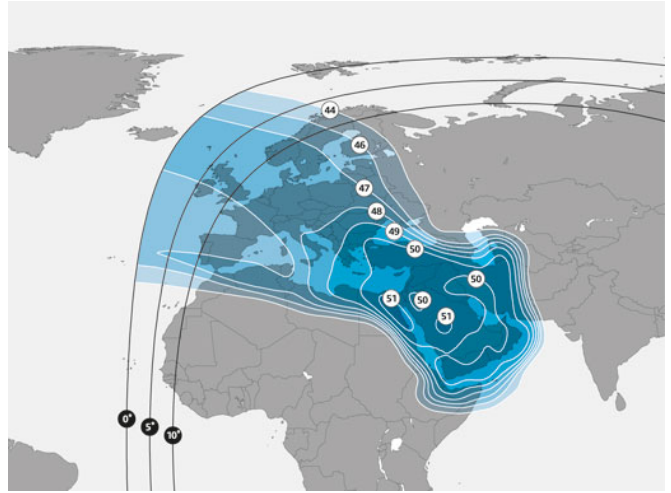
Orbital location

East Africa Ku-band beam



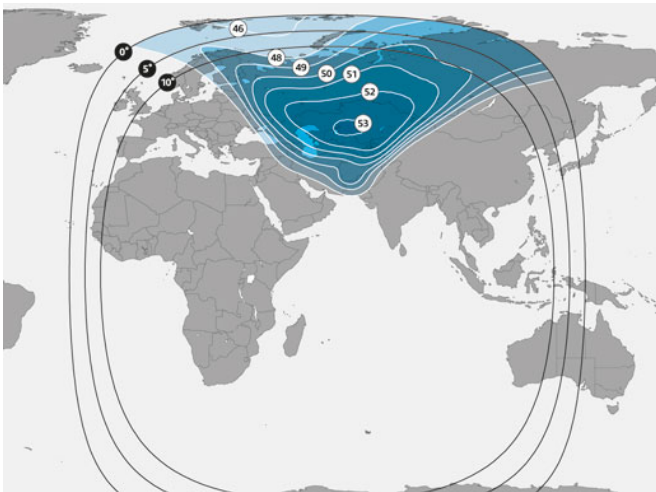
○ ERP ● Elevation angle

Middle East Europe Ku-band beam



○ ERP ● Elevation angle

Central Asia Ku-band beam



○ ERP ● Elevation angle

Head Office:

Château de Betzdorf
L-6815 Betzdorf
Grand Duchy of Luxembourg
For more information about SES, visit www.ses.com or email info@ses.com

Generated August 2014.

This brochure is for informational purposes only. SES reserves the right to change the information at any time, and assumes no responsibility for any errors, omissions or changes.

