

Satellite Fleet

KOREASAT-8

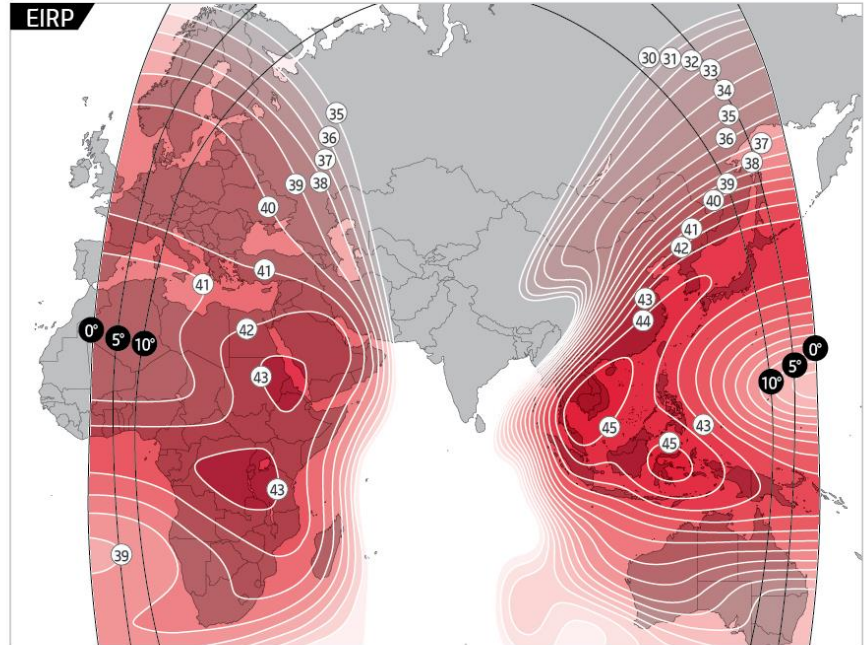
Orbital Location :
75°E

Launch Date :
Feb 2014

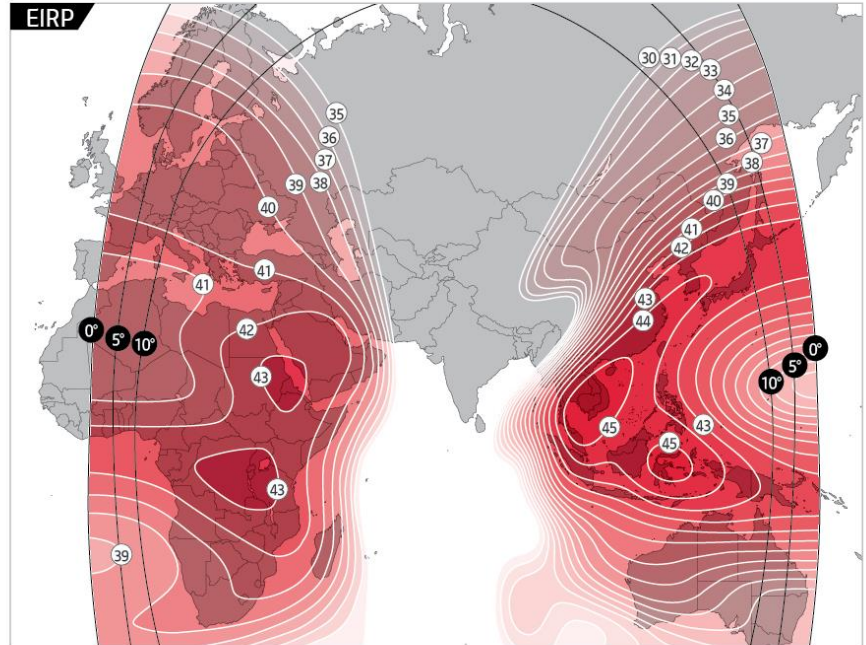
Manufacturer :
Space Systems/Loral

Launcher :
Arianespace

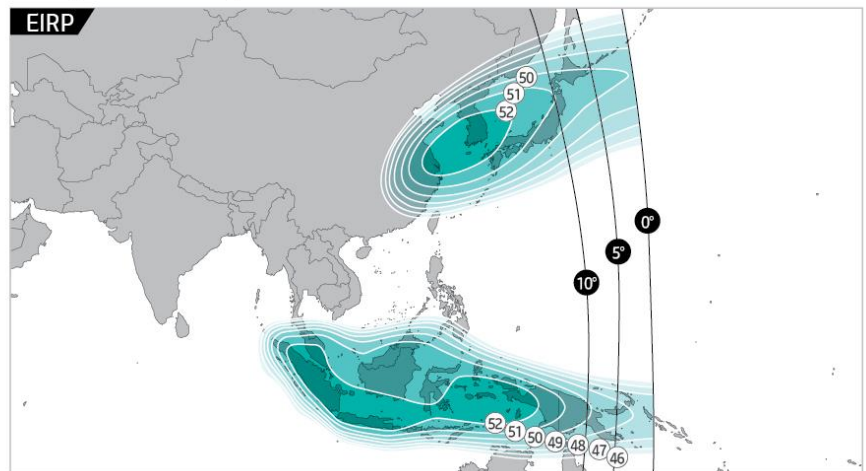
West Hemi C-band Beam



East Hemi C-band Beam



SEA / Korea Ku-band Beam





KOREASAT 8

KOREASAT 8 has 4 high power Ku-Band transponders and 8 C-Band transponders. It is positioned at 75°E. The satellite was manufactured by Space Systems/Loral(SSL) and was launched aboard an Ariane 5 launch vehicle by Arianespace in February, 2014.

KOREASAT 8 is a multi-mission C and Ku-Band satellite, which is designed to provide multiple services including direct-to-home and cable television distribution, VSAT services, data networks and telecommunications services across Southeast Asia and the Sub Saharan Africa region.

Specifications

Number of Transponders	C-Band : 8x36MHz Ku-Band : 4x54MHz
Uplink/Downlink Frequencies (GHz)	6.2 – 6.4 / 4.0 – 4.2 14.25 – 14.5 / 12.5 – 12.75
Polarization	Linear(Horizontal or Vertical)
EIRP(Peak Value)(dBW)	West Hemi beams(C-Band) : 43 East Hemi beams(C-Band) : 45 Southeast Asia beams(Ku-Band): 53
G/T(dB/K)	West Hemi beams(C-Band) : -7 – 3 East Hemi beams(C-Band) : -8 – 7 Southeast Asia beams(Ku-Band) : -1 – 8
Orbital Location(Longitude)	75°E
Geographic Coverage	Southeast Asia, Africa, Europe, Australia
Launch Service Provider	Arianespace
Launch Date	07 Feb 2014
Spacecraft(Model)	FS 1300
Manufacturer	Space System/Loral
Lifetime	15 years