

# Satellite Fleet

## KOREASAT-8

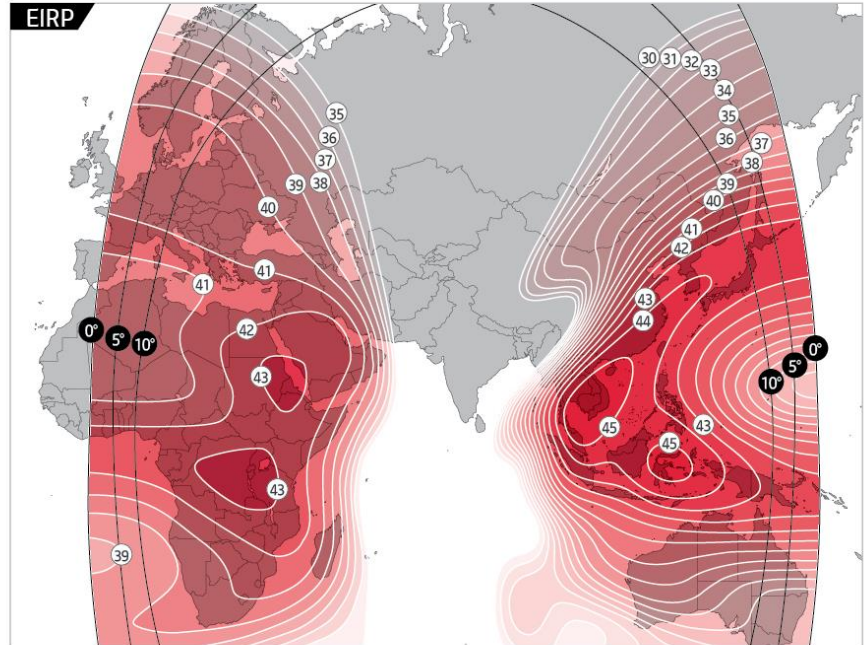
Orbital Location :  
75°E

Launch Date :  
Feb 2014

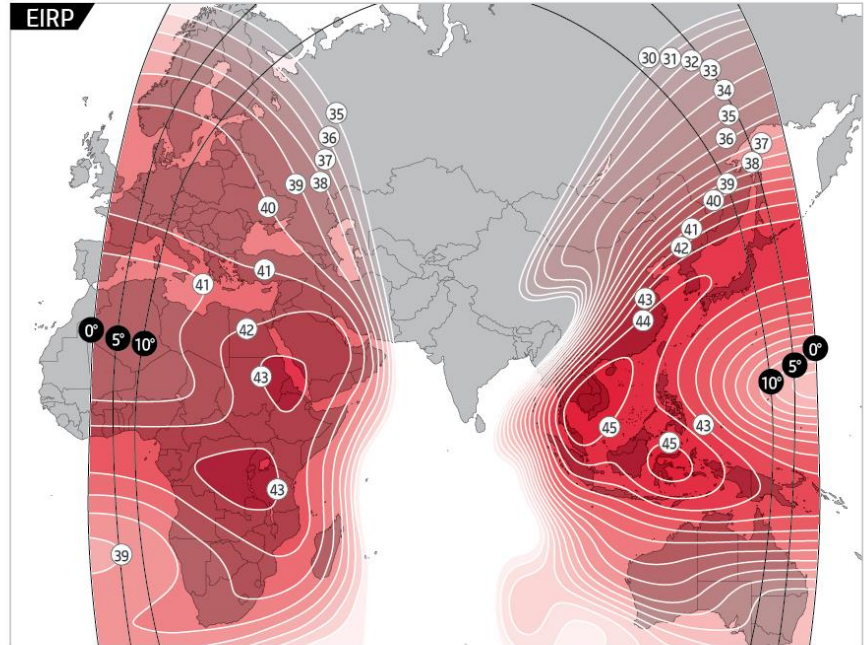
Manufacturer :  
Space Systems/Loral

Launcher :  
Arianespace

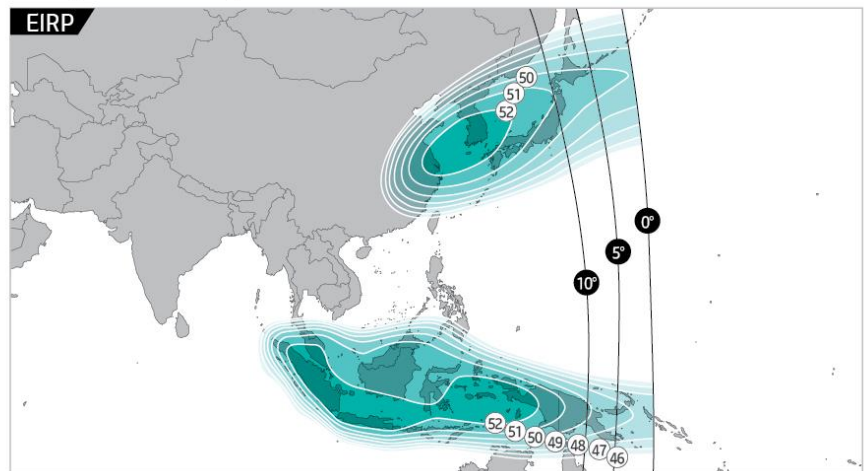
West Hemi C-band Beam



East Hemi C-band Beam



SEA / Korea Ku-band Beam





## KOREASAT 8

### 콘도셋

75°E에 위치한 KOREASAT 8은 콘도셋(Condosat)으로써 kt sat소유로 8기의 Ku-Band 중계기와 4기의 C-Band 중계기를 장착하고 있습니다. 미국 Space System Loral사에서 제작한 이 위성은 Arianespace사를 통해 2014년 2월 남미 프렌치 기아나에서 발사되었습니다.

KOREASAT 8를 통해 동남아, 남아프리카 지역에 탑재된 고출력 중계기를 통해 향상된 위성 서비스를 제공하고 있습니다.

### 위성제원

<b>Number of Transponders</b>	C-Band : 8x36MHZ TPE   Ku-Band: 4x54MHz
<b>Uplink/Downlink Frequencies (GHz)</b>	6.2 – 6.4 / 4.0 – 4.2   14.25 – 14.5 / 12.5 – 12.75
<b>Polarization</b>	Linear(Horizontal or Vertical)
<b>EIRP(Peak Value)(dBW)</b>	West Hemi beams(C-Band) : 43   East Hemi beams(C-Band) : 43   Southeast Asia beams(Ku-Band): 53
<b>G/T(dB/K)</b>	West Hemi beams(C-Band) : -7 – 3   East Hemi beams(C-Band) : -8 – 7   Southeast Asia beams(Ku-Band) : -1 – 8
<b>Orbital Location(Longitude)</b>	75°E
<b>Geographic Coverage</b>	Southeast Asia, Africa, Europe, Australia
<b>Launch Service Provider</b>	Arianespace
<b>Launch Date</b>	2014.02.07
<b>Spacecraft(Model)</b>	FS 1300
<b>Manufacturer</b>	Space System/Loral
<b>Lifetime</b>	15 years