

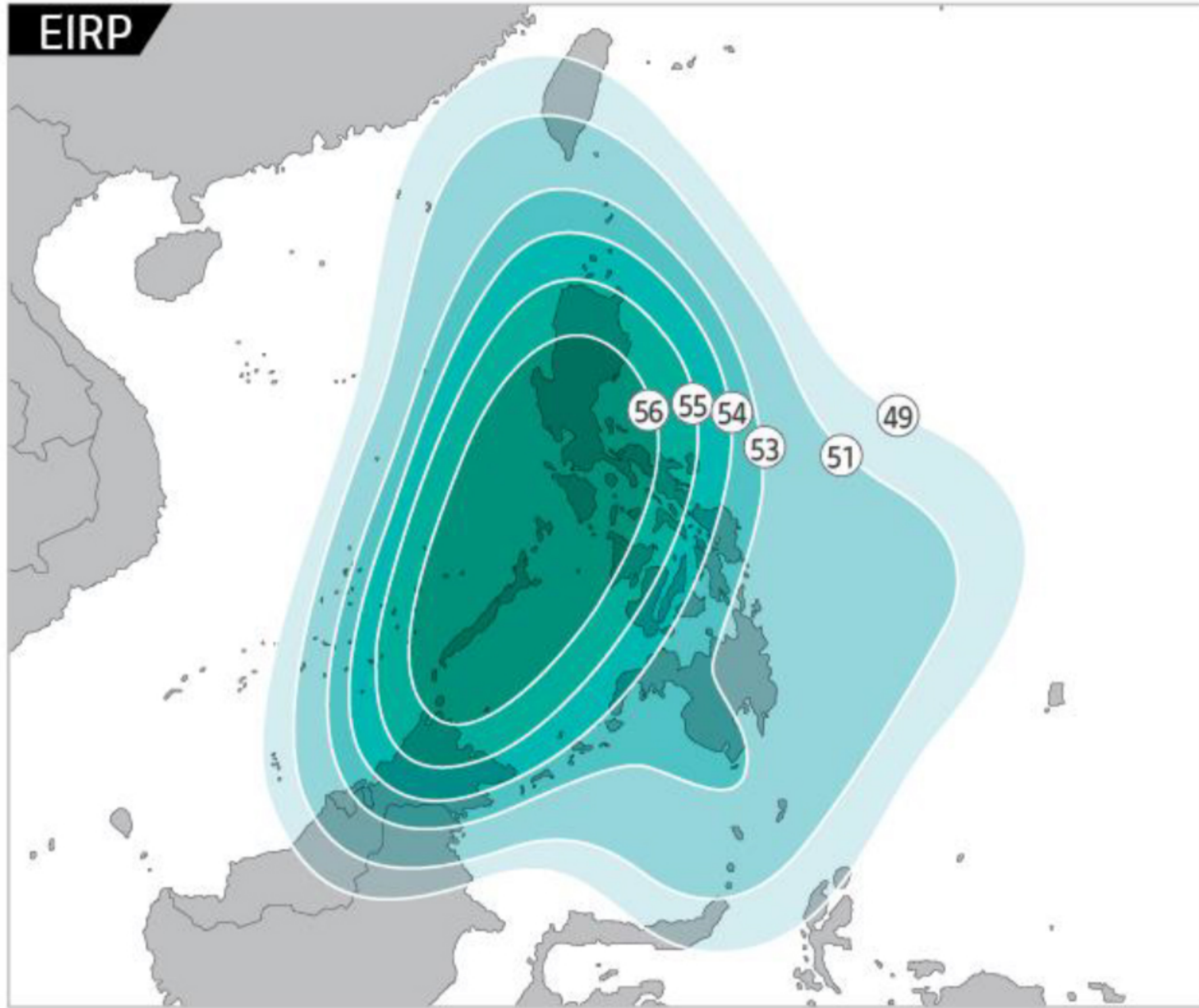
# Satellite Fleet

## KOREASAT-7

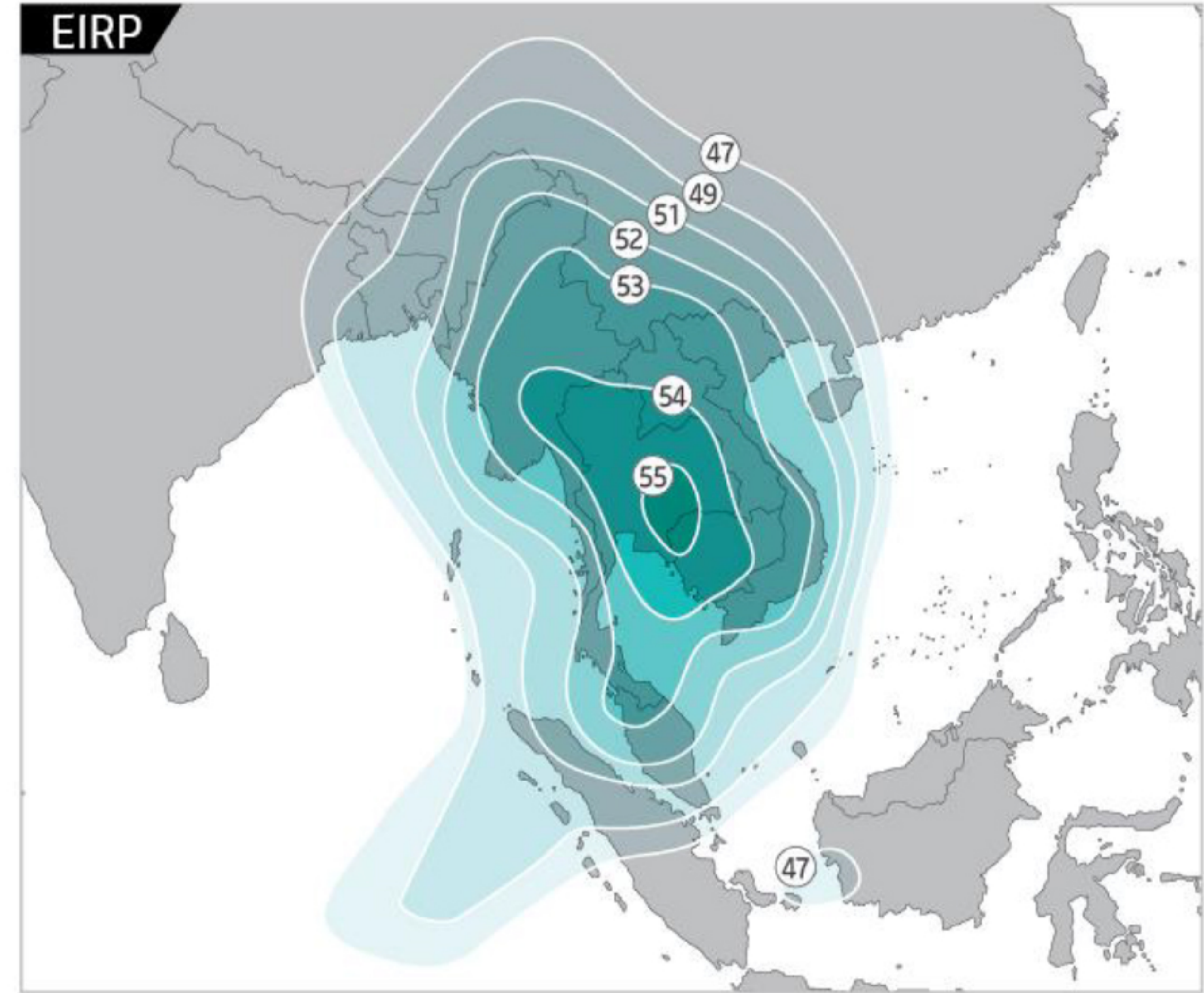
Orbital Location : 116°E  
Launch Date : May 2017

Manufacturer : Thales Alenia Space  
Launcher : Arianespace

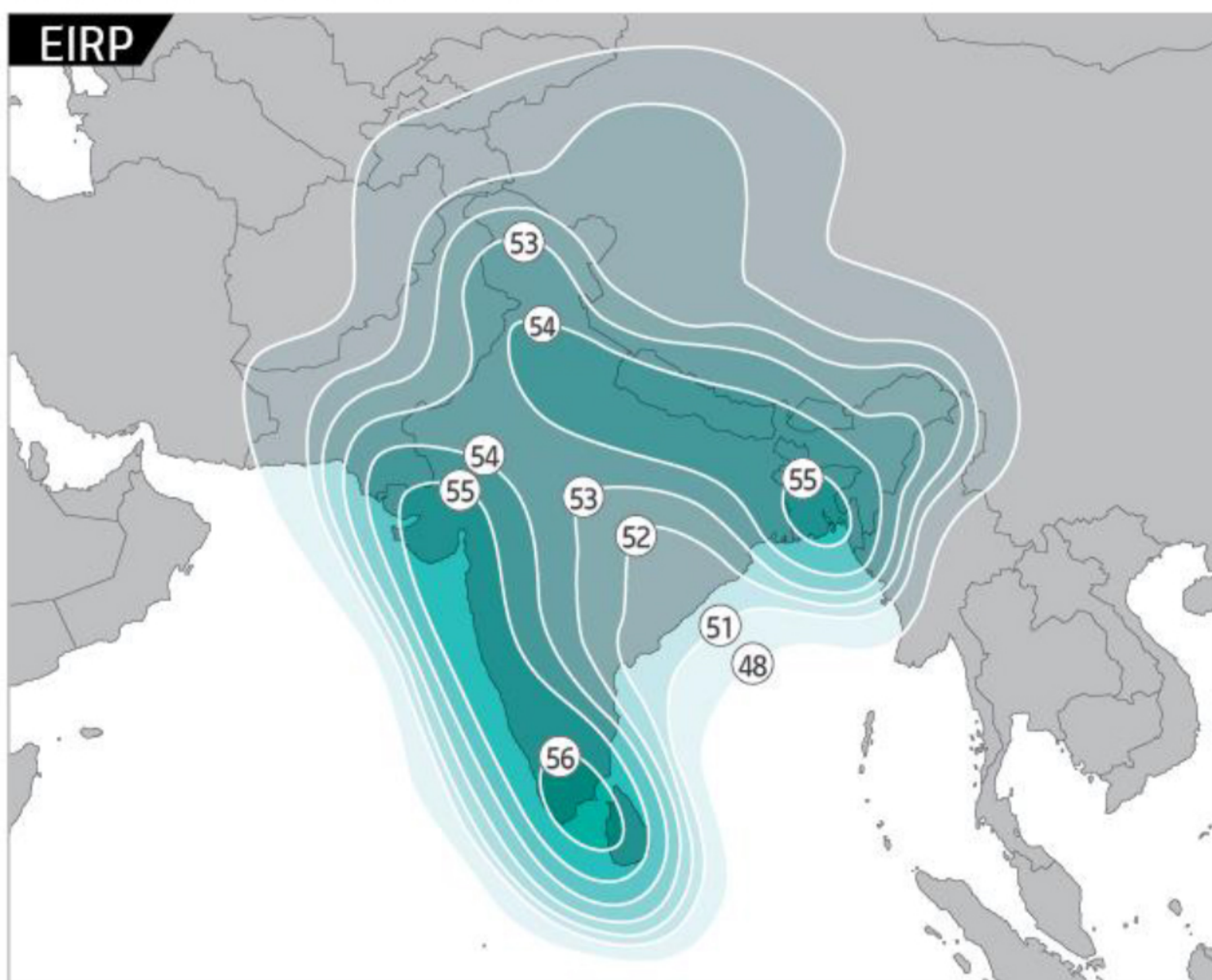
Philippine Ku-band Beam



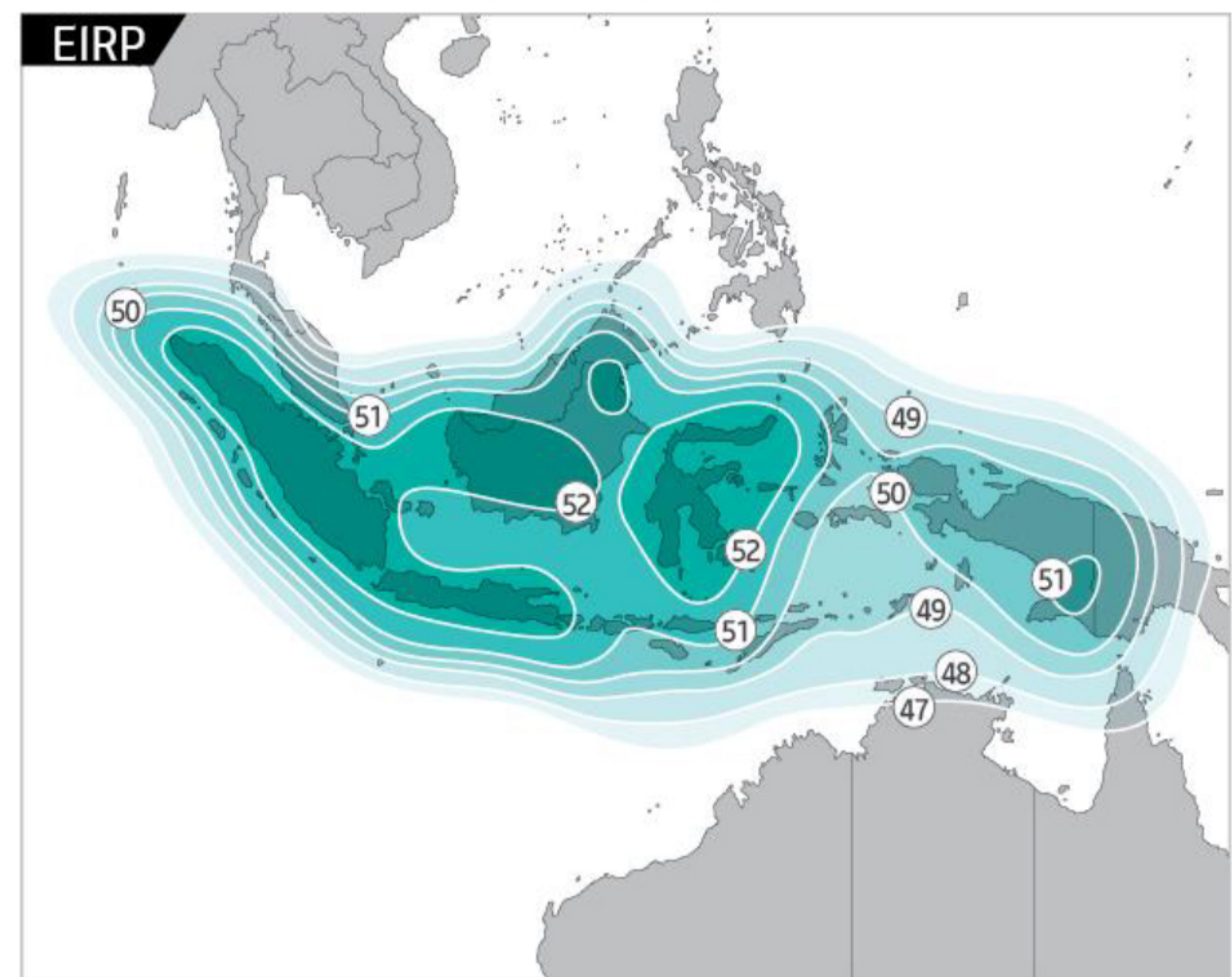
Indochina Ku-band Beam



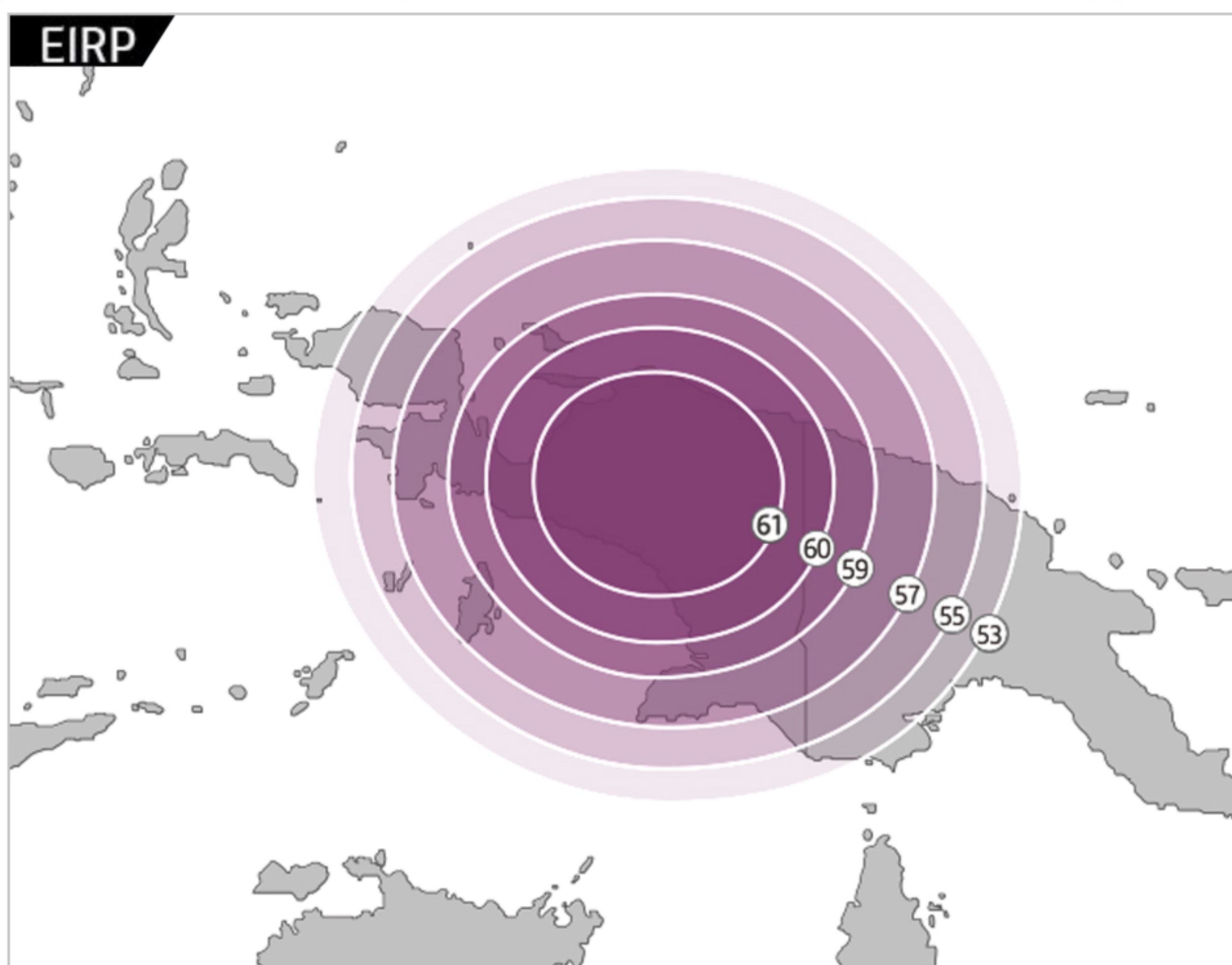
India Ku-band Beam



South East Asia Ku-band Beam



Steerable Ka-band Beam





# KOREASAT 7

KOREASAT 7 has Ku-Band and Ka-Band transponders on the upgraded Spacebus 4000B2 platform from Thales Alenia Space. The Satellite offers payload power of about 7 kW. KOREASAT 7 is positioned at 116°E and was launched in 2017.

KOREASAT 7 is designed to provide improved throughput and wider coverage over Korea, Philippines, Indochina, India, and Indonesia with the added steerable Ka-Band capacity that can support further demand. KOREASAT 7 enables a full range of video and data applications such as DTH broadcast services, government communications and VSAT networks.

## Specifications

<b>Number of Transponders</b>	Ku-Band : 24x54MHz   Ku-BSS : 6x27MHz   Ka-Band
<b>Uplink/Downlink Frequencies (GHz)</b>	14.0 - 14.5 / 12.25 - 12.75   17.85 - 18.1 / 11.95 - 12.2   27.0 - 31.0 / 18.1 - 21.2
<b>Polarization</b>	Linear (Horizontal or Vertical)
<b>Orbital Location (Longitude)</b>	116°E
<b>Geographic coverage</b>	Korea, Philippines, Indochina, India, Indonesia etc.
<b>Launch Service Provider</b>	Arianespace
<b>Launch Date</b>	5 May 2017
<b>Spacecraft (Model)</b>	Spacebus 4000B2
<b>Manufacturer</b>	Thales Alenia Space
<b>Lifetime</b>	15 years