

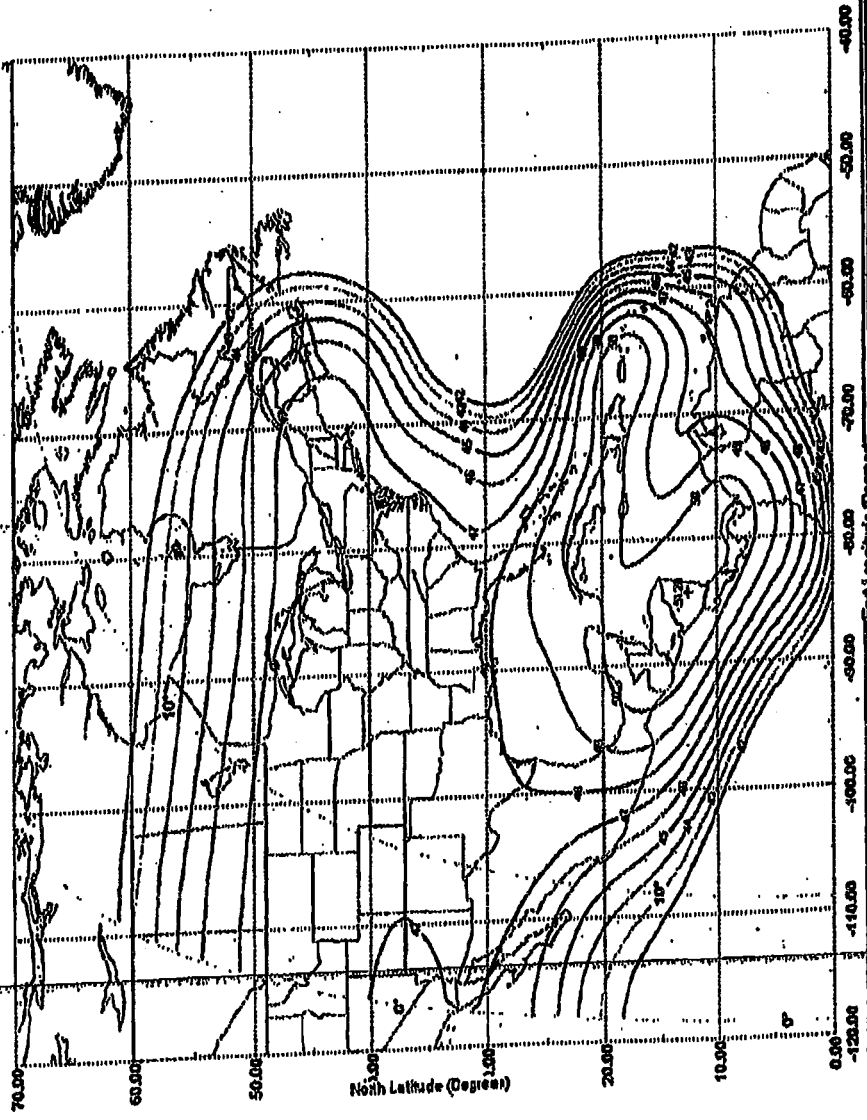
**EXHIBIT FOR AREAS OF OPERATIONS FOR KU-BAND EARTH STATIONS
ON VESSELS CONTROLLED THROUGH SOUTHBURY TELEPORT HUB**

Exhibit

T-11N

Telesat

US Beam EIRP Contours



Telesat Proprietary

Telesat

MAOR/NAOR Beam EIRP Contours

Exhibit

T-11N

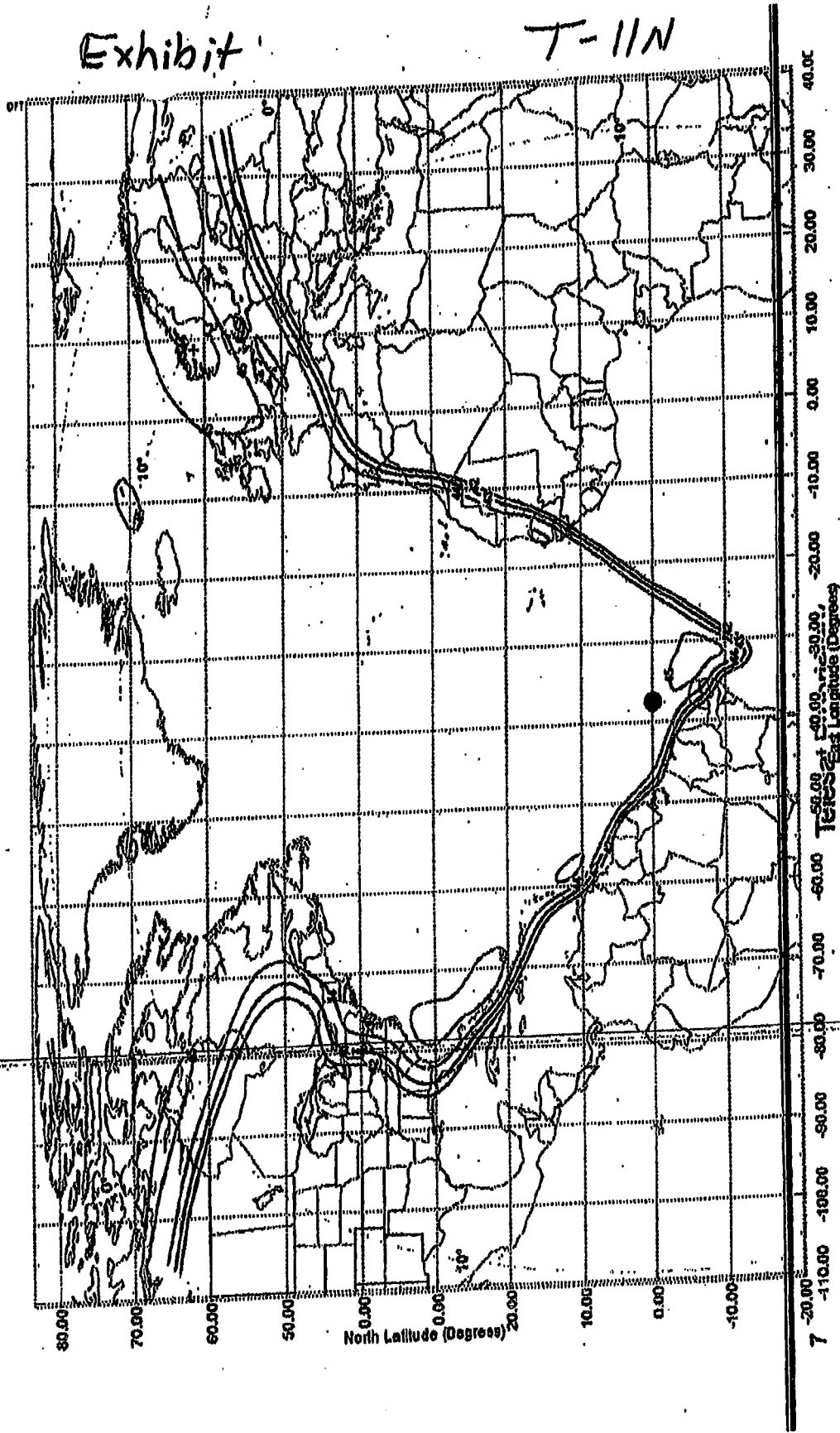
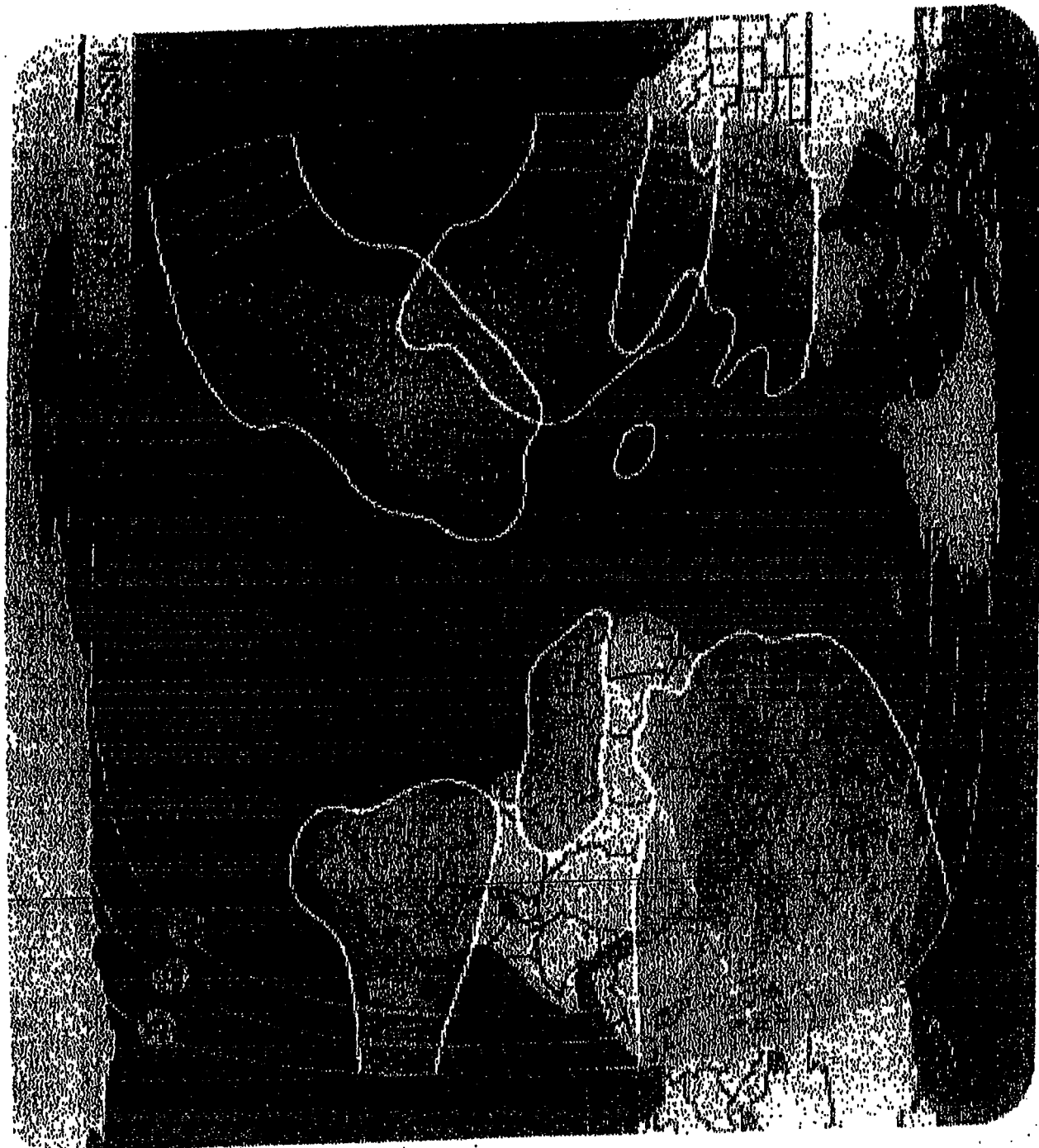


Exhibit AMC-21



Exhibit NSS-7



Exhibit

ESTRELLA DO SUL 1



u-band Payload

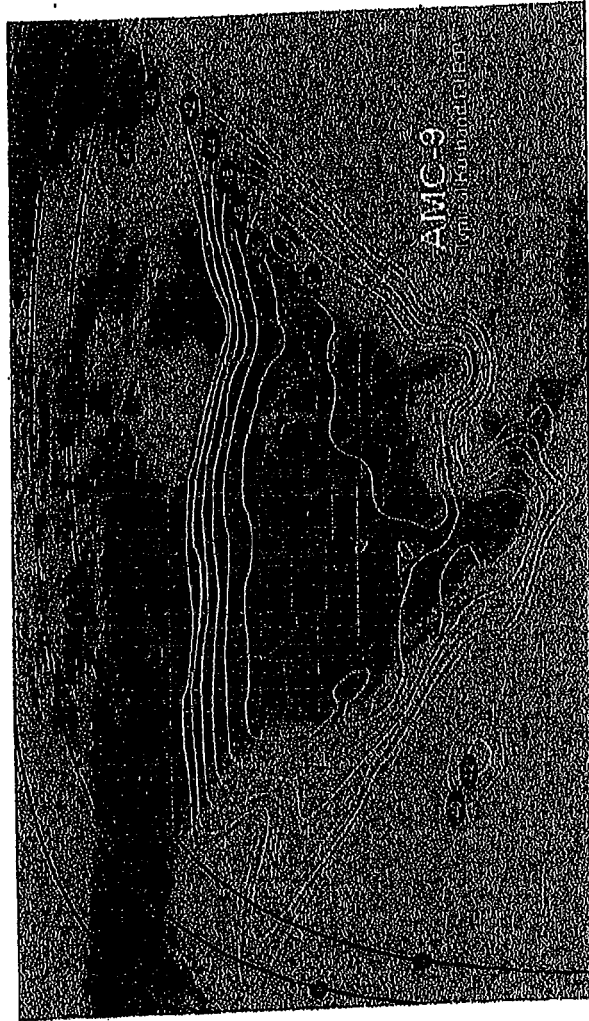
Capacity
1 Mhz and 36 MHz
2 x 10⁶ bits/s
Through Linear

Frequency
Standard
Uplink: 14 to 14.5 GHz
Downlink: 11.7 to 12.2 GHz
Extended
Uplink: 11.75 to 14 GHz
Downlink: 11.45 to 11.7 GHz

Satellite Power Budget
68 W, 96 JOW/m

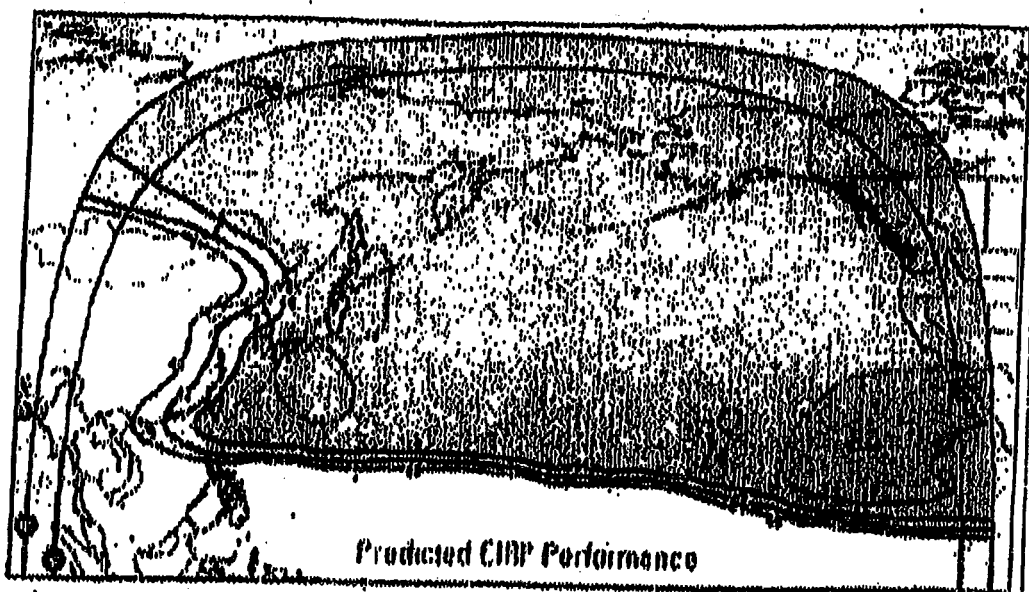
Exhibit

AMC-9

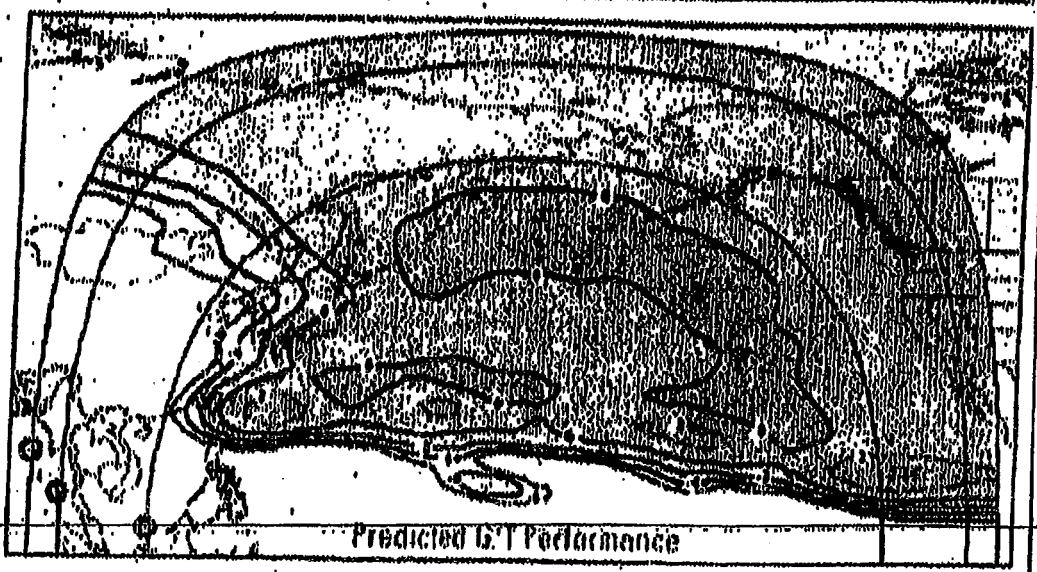


AMC-23 / GE-23
North Pacific Ku-band Zone Beam

Exhibit



Predicted C/NP Performance

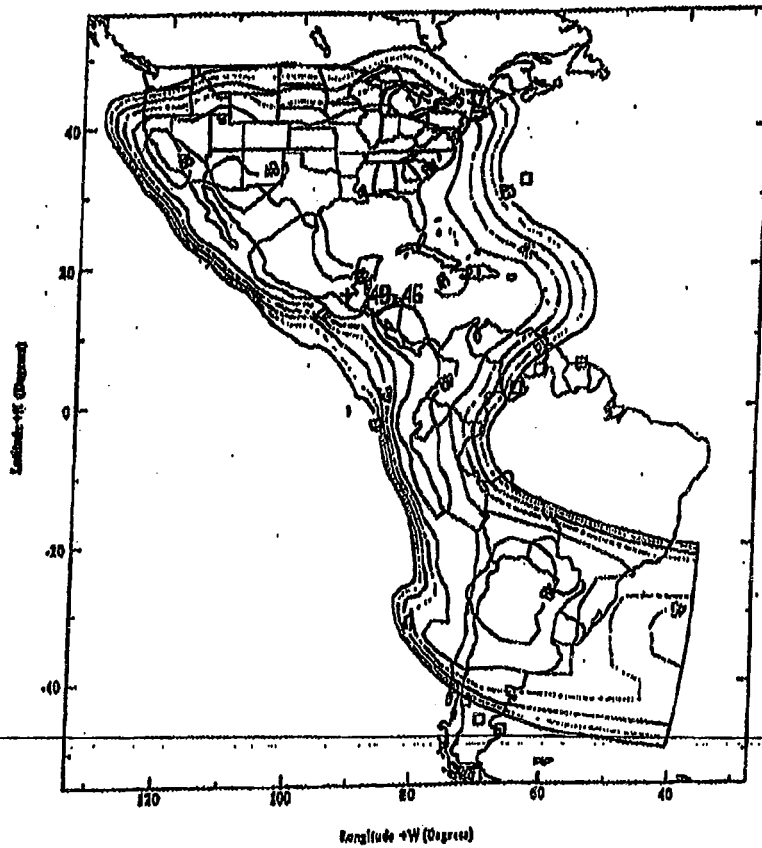


Predicted G/T Performance

Exhibit



Satmex 5 (116.8° W)
EIRP
Region KU-2 Even Xponder
(Pol. Hor/Ver)



SATMEX PROPRIETARY INFORMATION