

Trinidad Private Remote Sensing License Public Summary

On 24 August 2009, the National Environmental Satellite, Data and Information Service of the National Oceanic and Atmospheric Administration, an agency of the Department of Commerce, granted a license to Northrop Grumman Space and Mission Systems Corp., One Space Park, Redondo Beach, CA 90278, (310) 812-4321, <http://www.st.northropgrumman.com>, to operate a private, commercial, space-based, remote sensing system named "Trinidad."

Trinidad consists of one synthetic aperture radar (SAR) satellite operating at X-band, capable of collecting imagery with ground resolution of 1 meter, day or night, in all weather conditions. Trinidad is designed to provide access up to four times per day over mid-latitude targets of interest, with optional rapid direct data downlink from the satellite to transportable user terminals. Trinidad will offer flexible beam control techniques, supporting spotlight and wide area modes, as well as polarimetric imaging.

The Trinidad satellite will be launched by a small US booster from a US launch site. The satellite will operate in a moderately inclined, circular, low earth orbit (around 500 km).

Imagery and other radar data products will be sold to government agencies, as well as commercial private- and public-sector customers. Command, telemetry and mission image data transmission between the satellite and the US-based control center comply with international S and X-Band frequency allocations for space communications.

For further information, please contact Bob Bishop at Northrop Grumman Aerospace Systems, One Space Park, Redondo Beach, CA, 90278, (310) 812-5227 or at Bob.Bishop@ngc.com.

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