



UNITED STATES DEPARTMENT OF COMMERCE
National Telecommunications and
Information Administration
INTERDEPARTMENT RADIO ADVISORY COMMITTEE
Washington, D.C. 20230

SEP 29 2011

MEMORANDUM FOR: Executive Secretary, Interdepartment Radio Advisory Committee (IRAC)

Edward M. Davison

FROM: Edward M. Davison
IRAC Chairman

SUBJECT: Review of Application to Federal Communications Commission for Earth Stations in the Range 1610-2500 MHz (GeoLogic Solutions, Inc.; File No. SES-MOD-20110722-00850, call sign E900081)

The pending application from GeoLogic Solutions, Inc. (Geologic) seeks to modify the current GEOLOGIC license that currently expires September 30, 2011 to extend the table of allocations waiver for an additional two years. The Table of Allocations waiver has been previously considered by the IRAC and the situation remains the same however less terminals are now requested (19,000 rather than the previous 30,000 units) and the applicant only seeks to operate in the upper L-Band (1646.5-1660.5 MHz Earth-to-space and 1545-1559 MHz space-to-Earth). The terminals exceed the 3 second shut-off time but they only communicate with LightSquared satellites (not Inmarsat satellites) providing MSS services (i.e., not ATC). As a result of deliberation, the Group determined that these applications can be considered "routine". The term "routine" implies that there are no policy issues that need to be considered by the IRAC. This includes the fact that i) no waiver to national table, e.g., US308 or US309, or US315, is required; ii) the applicant complies with out-of-band requirements in the Commission's rules; iii) and the operations are limited to communications with satellites (earth stations are not capable of providing MSS ancillary terrestrial component or dual-mode MSS satellite and integral terrestrial capability). Any applications not considered to be routine will be placed on the IRAC agenda for the Commission to submit a draft authorization for consideration.

The IRAC has no objections to the attached MSS earth station applications in the range 1610-2500 MHz.

Attachment

ATTACHMENT

Applications to Federal Communications Commission for Earth Stations in the Range 1610-2500 MHz Considered to be Routine¹

This application seeks to modify the current license of earth station E900081 to permit GeoLogic to operate its authorized half-duplex METs in the upper L-band (1646.5-1660.5 MHz Earth-to-space and 1545-1559 MHz space-to-Earth) until September 30, 2013. Geologic no longer requires use of the lower L-band allocations (1626.5-1645.5 MHz earth-to-space and 1530-1544 MHz space-to-earth) and is seeking a 2 year extension of its current authorization granted under SES-MFS-20100916-01164. Previously authorized technical parameters remain the same. The total number half-duplex METs are reduced from 30,000 units to 19,000 units. GeoLogic seeks to continue operating VISTAR Telecommunication, Inc half duplex terminals which is in the public interest because it will enable continued service to existing customers to fulfill important public safety needs and homeland security efforts without disruption. The Exhibit B of the Application provides data that reflects diminishing probability of interference from the previous (SES-MFS-20100916-01164) authorization that was previously coordinated.

File Number	CallSign	Licensee Name/ FRN
SES-MOD-20110722-00850	E900081	GeoLogic Solutions, Inc. 0013613419

¹ The full applications can be found by pointing to www.fcc.gov/ibfs. On the top left of that page, change the drop down from Call Sign to File Number and enter the File Number shown below. Also note that the file numbers listed are the actual file numbers assigned. Some of the applications shown will list a file number in the document that has a INTR in the file number which is an interim file number. Please refer to these applications with the actual file numbers listed.