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REQUEST FOR SPACE SEGMENT TO BE USED WITH LAND-BASED SES TERMINALS

The Federal Communications Commission (FCC) requires COMSAT Mobile Communications to obtain authorization for providing space segment to be used in providing services via land-based ship earth station terminals. The FCC will authorize COMSAT to provide space segment for such services only under certain conditions. The FCC will approve temporary limited use of such stations only where no other means of communications are available such as in the case of emergency situations resulting from disasters or where these terminals are the only adequate means of meeting urgent communications requirements in remote locations. In order to enable us to obtain FCC authorization, the following information is required.

Applicant: Campbell Scientific Inc. Logan Utah

Brief description of applicant's business: Campbell Scientific Inc.
manufactures dataloggers for use in remote, battery operated, portable,
hydro-meteorological weather stations. Data retrieval via satellite by
GOES, ARGOS, and now IMARSAT-C.

Ultimate user of terminal: Campbell Scientific Inc.

Who will operate the terminal?: Campbell Scientific Inc.

Where will the terminal be operated? The primary location will be
Logan, Utah for on-going factory testing. Secondary locations may be Canada and
South America on a limited basis.

Explain the services for which the terminal will be used and why no other means of communications are available: As an IMARSAT-C
systems integrator it is necessary for Campbell Scientific to provide on-going
system testing. System testing such as new datalogger firmware releases, PC based
software, and on-site data back up compatibility is essential. This testing can
only be provided by factory testing with each new system release; if a customer
is having a problem we find having a terminal provides the best customer support when
we can duplicate a specific hardware configuration for trouble shooting.

Therefore, the availability of other communication means is not a factor.

What is the required timeframe for use of the terminal for this service? minimum of 5 years

Have you obtained authorization from the FCC (commercial applicants) or NTIA (USG applicants) for ground segment use of the terminal? Please provide authorization date or date the authorization request was submitted. May 1996

**(NOTE) - Customers are to be informed that they are responsible for filing with the FCC' Office of Engineering Technology an experimental license form (Form 442) which is the procedure the FCC follows for these TAs. This applies to all Land-Based terminals for domestic (U.S.) only.