SQUIRE, SANDERS & DEMPSEY L.L.P.

1201 Pennsylvania Avenue, N.W.
P.O. Box 407
Washington, D.C. 20044-0407

Office: +1.202.626.6600
Fax: +1.202.626.6780

SQUIRE SANDERS | LEGAL COUNSEL WORLDWIDE

ORIGINAL

(202) 626-6615

EX PARTE OR LATE FILED

DOCKET FILE COPY ORIGINAL

June 6, 2003

VIA HAND DELIVERY

RECEIVED

JUN - 6 2003

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street S.W.
Washington, D.C. 20554

Re: The Boeing Company
Application For Modification of Authority For Use
of the 1990-2025/2165-2200 MHz and Associated
Frequency Bands for a Mobile-Satellite System
Notice of Permitted Oral Ex Parte Communication
FCC File No. SAT-MOD-20020726-00113 and
ET Docket No. 00-258; IB Docket Nos. 99-81, 01-185 & 02-364

Dear Ms. Dortch:

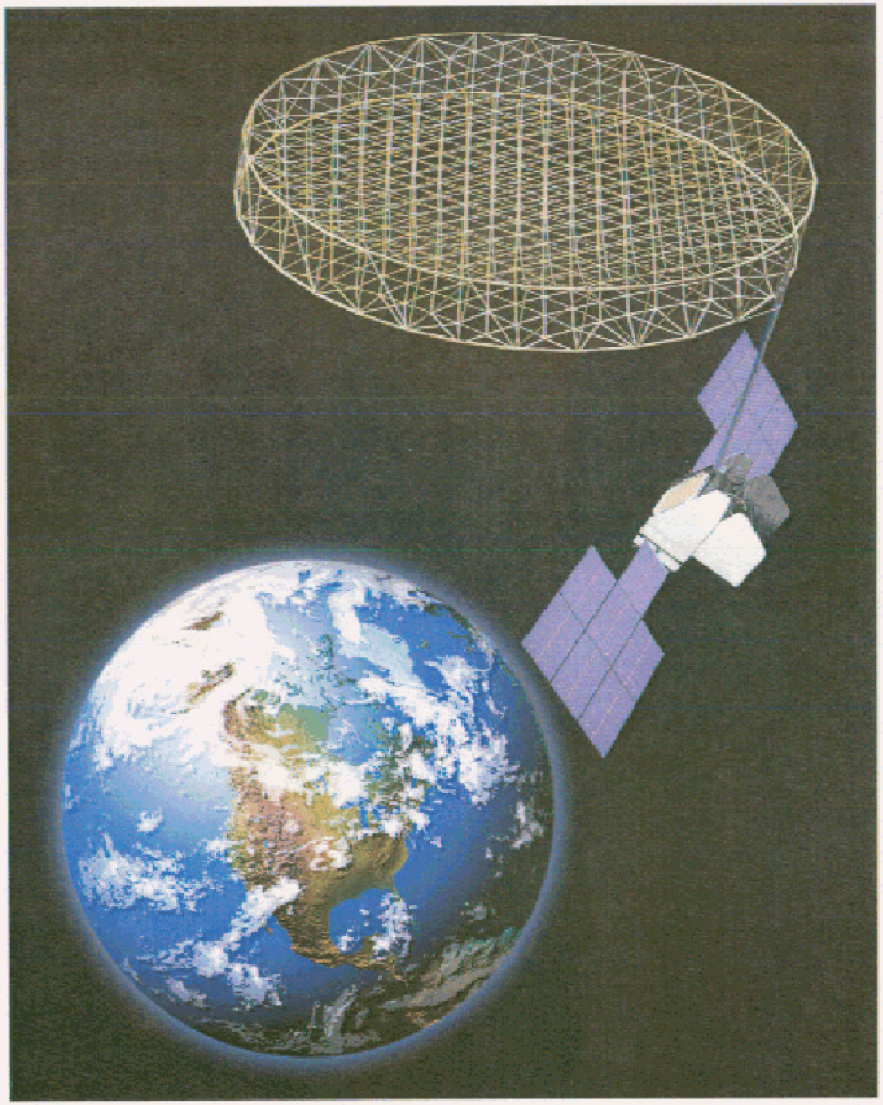
On June 5, 2003, representatives of The Boeing Company ("Boeing") met in separate meetings with several of the Commissioners and their advisors. Meetings were held with Commissioner Kathleen Abernathy and her legal advisors Matthew Brill and Jennifer Manner; Commissioner Kevin Martin and his senior legal advisor, Daniel Gonzalez; and Commissioner Jonathan Adelstein and his legal advisor, Barry Ohlson. Attending the meetings on behalf of Boeing was Bill Collopy, Vice President and General Manager of Boeing Launch and Satellite Systems. Also in attendance for Boeing were Michael Fitch, Bill Scanlon and Jim Simpson of Boeing, along with the undersigned.

A major subject of the discussion was Boeing's above referenced application to modify its 2 GHz MSS network to employ a geostationary orbit ("GSO") satellite. Boeing requested expeditious approval of the application. Boeing also urged the Commission to provide regulatory certainty for 2 GHz MSS licensees, in part by refraining from initiating any new proceedings that could result in additional reallocations of spectrum away from 2 GHz MSS services. Finally, Boeing indicated its intent to file an application to include an ancillary terrestrial component in its system.

The attached handout was distributed during the meeting. Thank you for your attention to this matter. If you have any questions about this letter, please contact the undersigned.

Sincerely,

Bruce Olcott
Counsel for The Boeing Company



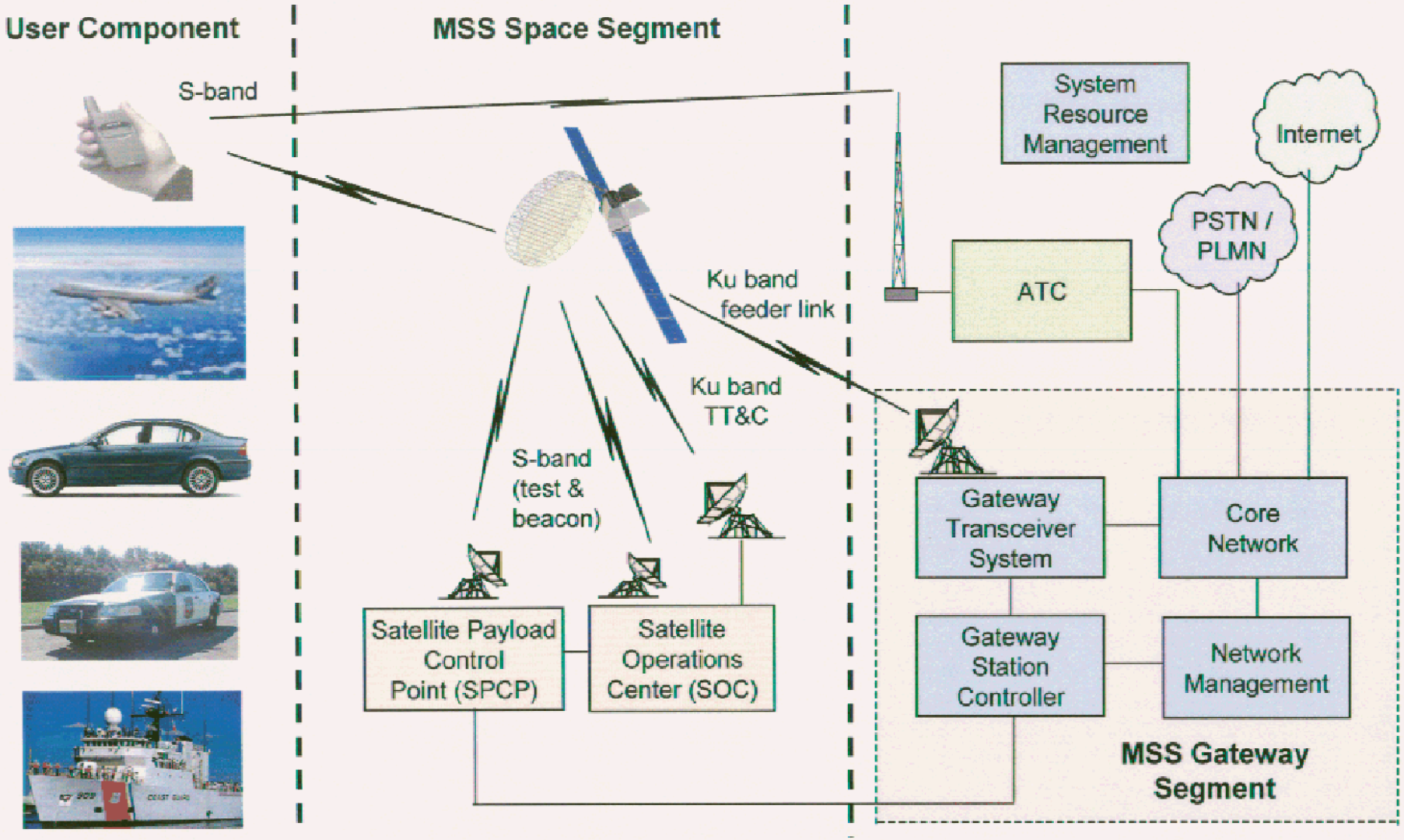
Boeing's 2 GHz MSS System

BOEING

Features

- Boeing's 2 GHz MSS program builds on legacy system capabilities developed for Thuraya L-band system – now in operation
- Combination of technologies (large reflector, multi-element phased array and digital processor) provide capability to generate large number of beams for full-US coverage with significant level of frequency re-use
- The system offers opportunity to serve multitude of user types (e.g., vehicular, aeronautical, portable) at any location within service area – thus providing important capabilities within the US for presently unserved and underserved areas.

System Architecture



BOEING

Boeing's MSS License Status

- Original license granted (initially NGSO) on 7/17/01
- MOD filed in July '02 revising to GSO system reflecting updated requirements and legacy "Geo-Mobile" capability demonstrated in Thuraya
- Minor amendments to the MOD have been filed providing clarifications requested by the staff
- Presently awaiting approval of the July '02 MOD and associated amendments
- In the mean time, Boeing has continued system design/ development to meet CDR deadline (7/17/03)