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January 27, 2005

VIA MESSENGER

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

Re L-3 Communications, Interstate Electronics Corporation
Call Sign E020160
Supplement to FCC File No. SES-LIC-20020611-00939

Dear Ms. Dortch:

Submitted herewith, on behalf of L-3 Communications, Interstate Electronics Corporation ("IEC"), proposed applicant for the above-referenced Ku-Band VSAT network, is a supplement to the above-referenced pending application.

Due to the continuing nature of the application process and the operation of the facilities under Special Temporary Authority, we are also submitting a request for Special Temporary Authority in accordance with the supplement.

The current applications requests authority for IEC to operate two ESVs and five temporary fixed VSAT sites. IEC requests authority to operate two (2) additional temporary fixed VSAT sites and one (1) quick deploy VSAT. The request revises the total number of VSAT locations operated by IEC.

1. Remote Site 1 – SSP HQ Washington, D.C.
 - a. Currently authorized
 - b. 2.4 meter Patriot antenna
2. Remote Site 2 – Cape Canaveral, FL
 - a. Currently authorized
 - b. 2.4 meter Patriot antenna
 - c. Currently authorized 2.4 meter Patriot antenna
3. Remote Site 3 – IEC Headquarters

INFORMATION | COMMUNICATIONS | TECHNOLOGY

- a. Currently authorized
- b. Replace antenna from originally authorized 2.4 meter Prodelin antenna to a 2.4 meter Patriot antenna
4. Remote Site 4 – Naval Air Station, Pt. Mugu, CA
 - a. Currently authorized
 - b. Two (2) 2.4 meter Patriot antennas
5. Add Remote Site 5 – to be located at Cape Canaveral Air Force Station (CCAFS) (Bldg 1061)
 - a. Utilize a 2.4 meter Patriot antenna
6. Add Remote Site 6 – (Relocated Remote Site 1) SSP HQ Crystal City, VA.
 - a. Utilize a 2.4 meter Patriot antenna
7. Add Site 7 – to be located at US Virgin Island St. Croix
 - a. Utilize a Quick Deploy 2.4 meter Prodelin/Vertex antenna
8. ESV – The Ship
 - a. Currently authorized
 - b. 2.0 meter SeaTel antenna
 - c. 2.4 meter SeaTel antenna

These alterations to the current pending application are due to operational requests and requirements of the U.S. Navy, the primary user of the services. We are also providing updated antenna information as Exhibit A and updated contact list as Exhibit B. These exhibits reflect information already provided but updated to reflect the new request.

Please associate this supplement with the above-referenced application, which remains pending. If there are any questions regarding this matter, please contact the undersigned.

Respectfully submitted,



Michelle A. McClure
Counsel for L-3 Communications, Interstate
Electronics Corporation

cc: Hsing Liu, FCC
Scott Kotler, FCC

EXHIBIT A

Antenna Information

Site Name	Antenna Type	Manufacturer	Antenna gain Transmit and Receive	Replacement Antenna ¹	Manufacturer	Antenna gain Transmit and Receive EIRP
NAC ²	1244-Ku	Prodelin ³	Tx - 14.250 49.2 dBi Rx - 11.85 49.2. dBi	Tx-FCC240KUS	Patriot	Tx - 14.125 49.6 dBi Rx - 11.725 48.0 dBi
CM4 ⁴	Tx-FCC240KUS	Patriot	Tx - 14.125 49.6 dBi Rx - 11.725 48.0 dBi			
DARC	1251-Ku	Prodelin	Tx - 14.250 49.2 dBi Rx - 11.85 49.2. dBi	Tx-FCC240KUS	Patriot	Tx - 14.125 49.6 dBi Rx - 11.725 48.0 dBi
IEC	1244-Ku	Prodelin	Tx - 14.250 49.2 dBi Rx - 11.85 49.2. dBi	Tx-FCC240KUS	Patriot	Tx - 14.125 49.6 dBi Rx - 11.725 48.0 dBi
Pt. Mugu	Tx-FCC240KUS	Patriot	Tx - 14.125 49.6 dBi Rx - 11.725 48.0 dBi			
1061	Tx-FCC240KUS	Patriot	Tx - 14.125 49.6 dBi Rx - 11.725 48.0 dBi			
USNS Waters	8297	SeaTel	Tx - 14.0 47.7 dBi Rx - 12.5 46.6 dBi			
USNS Waters	9997	SeaTel	Tx - 14.0 8.9 dBi Rx - 12.5 47.7 dBi			
PATS ⁵	2.4 QDA: 1259-	Vertex	Tx - 14.125 49.2 dBi			

¹ IEC is in the process of evaluating replacing the Prodelin antenna with Patriot antenna at this site.

² NAC – Nebraska Avenue Complex is being relocated to CM4. Both sites will not be operational simultaneously.

³ TriPoint Global

⁴ CM4 Crystal City, VA site will replace NAC site upon completion of SSP relocation.

Site Name	Antenna Type	Manufacturer	Antenna gain Transmit and Receive	Replacement Antenna ¹	Manufacturer	Antenna gain Transmit and Receive EIRP
	4	RSI™	Rx – 11.85 47.6. dBi			

⁵ TriPoint Global – Quick deployable 2.4 Meter antenna suite.

EXHIBIT B

(5) Contact List

Below is a list of contacts by site.

Site Name	Site Type	Operator	Telephone Number
USNS WATERS	ESV	Mr. Ron Chatfield	(321) 853-8317 or (954) 885-5755
<u>DARC</u> Cape Canaveral, FL	VSAT	Mr. Larry FitzGerald	(321) 266-2572
Nebraska Avenue Complex Washington, DC	VSAT	Mr. Steve Weinhold	(202) 764-1326
IEC Anaheim, CA.	VSAT	Mr. Thuy Tran	(714) 758-3211
Naval Air Warfare Center Weapons Division Pt. Mugu, CA.	VSAT	Ms. Robyn Buehler	(805) 989-7101
Building 1061 Cape Canaveral, FL	VSAT	Mr. Tom Keogh	(321) 853-2554
PATS* US Virgin Island St. Croix	Mobile VSAT	Mr. Paul Watts	(714) 758-4147