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January 5, 2017

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

**Re: Astronics AeroSat Corporation – Section 1.65 Submission,
Update and Clarify Information in Pending Modification Application
File No. SES-MFS-20161003-00823 (Call Sign E140087)**

Dear Ms. Dortch:

Astronics AeroSat Corporation (“Astronics AeroSat”), in connection with the above-referenced earth station aboard aircraft (“ESAA”) blanket license modification application and after consultation with the Commission staff, pursuant to Section 1.65 of the Commission’s Rules, 47 C.F.R. § 1.65, is writing to update and clarify certain information submitted in connection with its pending application.

Astronics AeroSat updates the record of this proceeding by revising the proposed emission designators associated with each frequency band. Specifically, in the Schedule B, Item 47, Astronics AeroSat inadvertently included an extra character (“K”) in the emission designator. Accordingly, Astronics AeroSat updates the emission designators for both ESAA terminals as indicated in the attachment to this letter.

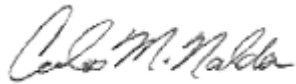
In addition, Item 41 in the Schedule B indicates that the antenna gain for the previously licensed HR6400 terminal (AES1) is 0.0 dBi. Astronics AeroSat confirms that the HR6400 technical characteristics have not changed since originally approved and that the FCC’s online application automatically propagates a 0.0 dBi value when the entry is left blank.

Finally, Astronics AeroSat notes that the Site ID in the license is currently designated as “AES1”, which is identical to the Antenna ID for the HR6400 terminal. In the interest of clarity, Astronics AeroSat respectfully requests that the Site ID name be changed to “AERO” to avoid potential confusion between site information and terminal information.

Astronics AeroSat believes that the remaining information set forth in the application is accurate.

Please do not hesitate to contact me with any questions regarding this matter.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Carlos M. Nalda". The signature is fluid and cursive, written in a professional style.

Carlos M. Nalda
Principal
LMI Advisors

Attachment

Cc (w/ att.): Paul Blais
Trang Nguyen

ATTACHMENT 1 – EMISSION DESIGNATORS

1. HR6400 (AES1)

Frequency Band (MHz)	Existing Emission Designators	Updated Emission Designators
10700 – 12750	27M6KG7D	27M6G7D
10950 – 11200	54M0KG7D	54M0G7D
10950 – 11700	54M0KG7D	54M0G7D
10950 – 12200	46M5KG7D	46M5G7D
10950 – 12500	54M0KG7D	54M0G7D
11450 – 11700	36M0KG7D	36M0G7D
11450 – 12200	54M0KG7D	54M0G7D
11450 – 12750	8M00KG7D	8M00G7D
11700 – 12200	8M00KG7D 36M0KG7D 28M6KG7D	8M00G7D 36M0G7D 28M6G7D
12200 – 12750	27M0KG7D	27M0G7D
12250 – 12750	27M0KG7D	27M0G7D
12500 – 12750	5M50KG7D 8M10KG7D 54M0KG7D 36M0KG7D 2M00KG7D	5M50G7D 8M10G7D 54M0G7D 36M0G7D 2M00G7D
14000 – 14500	6M00KG7D 7M20KG7D 7M92KG7D 8M00KG7D	6M00G7D 7M20G7D 7M92G7D 8M00G7D

2. **HR129 (AES2)**

Frequency Band (MHz)	Existing Emission Designators	Updated Emission Designators
10700 – 12750	36M0KG7D	36M0G7D
10950 – 11200	16M5KG7D 23M8KG7D 24M0KG7D 36M0KG7D 5M25KG7D 9M28KG7D	16M5G7D 23M8G7D 24M0G7D 36M0G7D 5M25G7D 9M28G7D
10950 – 11700	18M0KG7D 31M2KG7D 54M0KG7D	18M0G7D 31M2G7D 54M0G7D
10950 – 12200	54M0KG7D	54M0G7D
10950 – 12500	54M0KG7D	54M0G7D
11450 – 11700	24M0KG7D 31M3KG7D 36M0KG7D 5M25KG7D 9M28KG7D	24M0G7D 31M3G7D 36M0G7D 5M25G7D 9M28G7D
11450 – 12200	24M0KG7D	24M0G7D
11450 – 12750	24M0KG7D	24M0G7D
11700 – 12200	36M0KG7D	36M0G7D
12200 – 12750	18M0KG7D 23M8KG7D 27M0KG7D 5M25KG7D 9M28KG7D	18M0G7D 23M8G7D 27M0G7D 5M25G7D 9M28G7D
12250 – 12750	16M0KG7D 16M5KG7D 36M0KG7D	16M0G7D 16M5G7D 36M0G7D
12500 – 12750	20M0KG7D 36M0KG7D 54M0KG7D	20M0G7D 36M0G7D 54M0G7D
14000 – 14500	8M00KG7D	8M00G7D