

## **EXHIBIT A – APPLICATION SUMMARY**

### **1.0 - Description of Application**

The instant modification application seeks to add the Express AM44 (“AM44”) as a point of communication to Call Sign E040267. Specifically, NewCom International, Inc (“NewCom”) seeks to communicate with the AM44 using an already authorized Andrew Corp. 7.3 meter antenna (“7.3a”). NewCom also seeks authority to operate the 7.3a in extended C-band frequencies between 3650-3700 MHz and 6425-6525 MHz.

The AM44 is a Russian licensed satellite positioned at 11.0 degrees west longitude in the geostationary arc. The AM44 relieves the Express 3A (“3A”) at this orbital position, and has been coordinated and approved as a replacement satellite by the Russian administration and International Telecommunications Union (“ITU”). Pursuant to Section 23.137 of the Commission’s Rules, 47 C.F.R. § 25.137, the underlying application and complementary exhibits seeking to add the AM44 as a point of communication to Call Sign E040267 demonstrate that the satellite complies with all applicable Commission requirements and service rules for non-U.S. licensed satellite systems.

In addition to adding the AM44 as a point of communication, NewCom seeks authority to transmit earth-to-space to the satellite in the extended C-band from 6425-6525 MHz. Fixed satellite service operations are co-primary in this band, and NewCom has conducted a frequency coordination that demonstrates no other licensed entity will be affected by the proposed operations.<sup>1</sup> For the purpose of using these extended C-band frequencies, NewCom will communicate exclusively with the AM44 at 11.0 degrees west longitude. NewCom also seeks authority to receive space-to-earth transmissions from the AM44 in the extended C-band from 3650-3700 MHz. NewCom understands that fixed satellite service downlink operations in the 3650-3700 MHz band are permitted only on a secondary basis. NewCom agrees to accept interference from higher priority users in this band.

Beyond the modifications expressly stated in the instant application and complementary exhibits, NewCom does not seek to modify any technical parameters related to existing antennas operating under Call Sign E040267.

### **2.0 - Exhibit Table of Contents**

<b>Exhibit</b>	<b>Description</b>	<b>Total Pages</b>
Exhibit A	Application Summary & Exhibit Table of Contents	2
Exhibit B	ECO-Sat Analysis and Statement of Compliance with Non-U.S. Licensed Space Station Requirements	4

---

<sup>1</sup> Pursuant to 47 C.F.R. § 25.203, a frequency coordination has been included as Exhibit No. F with the underlying modification application.

NewCom International  
Application to Add Express AM44 to Call Sign E040267  
Exhibit A

Exhibit C	Technical Description of Satellite & Engineering Certification	19
Exhibit D	Section 25.137 Waiver Request	4
Exhibit E	Radiation Hazard Analysis	5
Exhibit F	Frequency Coordination (6425-6525 MHz)	13
Exhibit G	FAA Notification	1
Exhibit H	Link Budgets	7
Exhibit I	PDF Copy of Schedule S	11
Exhibit J	Russian Orbital Debris Regulations	6
Exhibit K	GXT Contour Data - Transponder 6-18	22