<u>EXHIBIT I - PDF COPY OF SCHEDULE-S</u>

Applicant Information:

[Add] [Save] [Delete]

Name: NewCom International, Inc.

Street: 15590 NW 15th Avenue

Street:

City: Miami   State: FL   Zipcode:

Country: USA

Phone Number: 305-627-6000

Fax Number: 305-627-6001

E-mail: jaime.dickinson@newcom-intl.com

Attention: Mr. Jaime Dickinson

Note: Begin new data entry by first clicking "Add" button. Click "Save" button when finished.
       Revise existing data by editing any data field. Click "Save" button when finished.

GENERAL NOTE: Several tables (Applicant, FCC Only, Satellite, GSO, NGSO Header, Electrical, and Physical) only allow one (1) data row each.
All of these tables have "Add/Save/Delete" buttons that must be used to control data entry and storage. All other "Grid" tables allow multiple rows
of data, each of which is "Saved" by moving the cursor into a different data row.

FCC Only:

[Add] [Save] [Delete]

Call Sign:

File Number
(without dashes):   (i.e. SATLOA2004013101234)

Date Filed:

Satellite Alias Name:

ITU Network Name:

Complete this information only if requested
by FCC Staff with respect to a previously
filed application.

S1. General Information: Complete for all satellite applications.

Add   Save   Delete

a. Space Station or Satellite Network Name: EXPRESS AM44

	Estimated Date		Months after Authorization
b. Construction Commencement Date:	3/1/2007	or	
c. Construction Completion Date:	1/1/2009	or	
d1. Estimated Launch Date (Begin):	2/11/2009	or	
d2. Estimated Launch Date (End):	2/11/2009	or	
e. Estimated Date of Placement into Service:	5/19/2009	or	
f. Estimated Lifetime of Satellite(s):	12	Years	

g. Total No. of Transponders: 26

h. Total Transponder Bandwidth (No. Transponders x Bandwidth): 1264 MHz

i. Will the space station(s) operate on a Common Carrier Basis? (Yes/No): N ▼

j. Number of transponders offered on a Common Carrier basis: 0

k. Total Common Carrier Transponder Bandwidth: 0 MHz

l. Orbit Type: Check all boxes that apply. ☑ GSO   ☐ NGSO

NOTE: All dates should be given in whatever format is set for "Short Date" in your "Control Panel" under "Regional & Language Options" or "Regional Settings". This is "MM/DD/YYYY" for "English (United States)" setting.

S2. OPERATING FREQUENCY BANDS

For each frequency band in which the satellite will operate, provide:

S2f. Nature of Service(s): To edit, click button in column "f" of table S2

	a.Lower Frequency Limit (numeric)	b.Unit (_Hz)*	c.Upper Frequency Limit (numeric)	d.Unit (_Hz)*	e.T/R Mode **	f.Nature of Service		Lower Frequency Limit (MHz)	Upper Frequency Limit (MHz)	T/R Mode	f.Nature of Service	Description
▶	3655	M	3695	M	T		▶	6480	6520	T	FSS	Fixed Satellite Service
	5980	M	6020	M	R			5980	6020	R	FSS	Fixed Satellite Service
	3705	M	3745	M	T			3705	3745	T	FSS	Fixed Satellite Service
	6030	M	6070	M	R			6030	6070	R	FSS	Fixed Satellite Service
	3755	M	3795	M	T			3755	3795	T	FSS	Fixed Satellite Service
	6080	M	6120	M	R			6480	6520	T	FSS	Fixed Satellite Service
	3805	M	3845	M	T			6480	6520	R	FSS	Fixed Satellite Service
	6130	M	6170	M	R			3855	3895	T	FSS	Fixed Satellite Service
	3855	M	3895	M	T			6180	6220	R	FSS	Fixed Satellite Service
	6180	M	6220	M	R			3905	3945	T	FSS	Fixed Satellite Service
	3905	M	3945	M	T			6480	6520	R	FSS	Fixed Satellite Service
	6230	M	6270	M	R			6480	6520	T	FSS	Fixed Satellite Service
	4005	M	4045	M	T			6480	6520	R	FSS	Fixed Satellite Service
	6330	M	6370	M	R			4055	4095	T	FSS	Fixed Satellite Service
	4055	M	4095	M	T			6480	6520	R	FSS	Fixed Satellite Service
	6380	M	6420	M	R			6480	6520	T	FSS	Fixed Satellite Service
	4105	M	4155	M	T			6480	6520	R	FSS	Fixed Satellite Service
	6430	M	6470	M	R			6480	6520	T	FSS	Fixed Satellite Service
	4155	M	4195	M	T			6480	6520	R	FSS	Fixed Satellite Service
	6480	M	6520	M	R							
*												

NOTES: * Use "K", "M", or "G" to denote "kHz", "MHz", or "GHz".
　　　 ** Use "T" for "Transmit" and "R" for "Receive"

To delete an Operating Band: (1) click in any column in the row of table S2, (2) then click at the left sidebar of row to be deleted. This highlights the entire row.
(3) Finally press "Delete" key on keyboard. GENERAL NOTE: This general process also applies to deleting rows in any of the GRID tables on the other tabs.

S3. Orbital Information for Geostationary Satellites

Add Save Delete

Degrees E/W

a. Nominal Orbital Longitude: 11 W

Longitudinal Tolerance or E/W Station-Keeping:
c. Toward West: 0.05 Degrees
d. Toward East: 0.05 Degrees

e. Inclination Excursion or
N/S Station-Keeping
Tolerance: 0.05 Degrees

Range of orbital arc in which adequate
service can be provided (Optional):
Degrees E/W
f. Westernmost: 85 W
g. Easternmost: 60 E

b. Reason for orbital location selection:

Replacement satellite for prior Intersputnik space station.

h. Reason for service arc selection (Optional):

Look angles below 5 degrees prohibit access to space station.

S6. Service Area Characteristics

For each Service Area provide:

	a. Service Area ID	b. Type of Assoc. Station ('E'arth or 'S'pace)	c. Service Area Diagram File Name (GXT File)	d. Service Area Description. State Codes, ITU Codes, or Figure No.	Service Area Diagram File Name (Pdf File)
▶	1	E	Express AM44 Serv	Atlantic Ocean Region Satellite; Global C-band Coverage	AM44 Service Area
✳					

NOTE: Double-Click anywhere on the service area row to view the service area GXT file.
Double-Click in PDF column to view the PDF file for the service area row.

S7. Space Station Antenna Beam Characteristics
For each Antenna Beam provide:

a. Beam ID	b. T/R Mode	c. Peak Gain (dBi)	d. Edge Gain (dBi)	e. Pointing Error (Deg)	f. Rotational Error (Deg)	g. Min Cross-Polar Isolation (dB)	h. Polarization Switchable? (Y/N)	i. Polarization Alignment Rel. Equatoral Plane (Deg)	j. Service Area ID	k. Xmt Input Losses (dB)	l. Xmt Effective Output Power (W)	m. Xmt Max EIRP (dBW)	n. Rec System Noise Temp (K)	o. G/T at Max Gain Pt. (dB/K)	p. Min Saturation Flux Density (dBW/m2)	q. Attenuator Max Value (dB)	r. Attenuator Step Size (dB)
6	T	40	40	0.1		30	N		1		100	39					
6R	R	40	40	0.1		30	N		1				500	3.5	-92	16	1
7	T	40	40	0.1		30	N		1		100	47					
7R	R	40	40	0.1		30	N		1				500	3.5	-94	16	1
8	T	40	40	0.1		30	N		1		100	47					
8R	R	40	40	0.1		30	N		1				500	3.5	-94	16	1
9	T	40	40	0.1		30	N		1		100	47					
9R	R	40	40	0.1		30	N		1				500	3.5	-94	16	1
10	T	40	40	0.1		30	N		1		100	39					
10R	R	40	40	0.1		30	N		1				500	3.5	-92	16	1
11	T	40	40	0.1		30	N		1		100	39					
11R	R	40	40	0.1		30	N		1				500	3.5	-92	16	1
15	T	40	40	0.1		30	N		1		100	47					
15R	R	40	40	0.1		30	N		1				500	3.5	-94	16	1
16	T	40	40	0.1		30	N		1		100	47					
16R	R	40	40	0.1		30	N		1				500	3.5	-94	16	1
17	T	40	40	0.1		30	N		1		100	47					
17R	R	40	40	0.1		30	N		1				500	3.5	-94	16	1
18	T	40	40	0.1		30	N		1		100	47					
18R	R	40	40	0.1		30	N		1				500	3.5	-94	16	1
*																	

S8. ANTENNA BEAM DIAGRAMS

For each beam pattern provide the reference to the graphic image and numerical data:
Also provide the power flux density levels in each beam that result from the emission with the highest power flux density.

a. Beam ID	b. T/R Mode	c. Co- or Cross-Polar Mode (C or X)	d. GSO Ref. Orbital Longitude (deg E)	e. NGSO Antenna Gain Contour Description (Figure/Table/ Exhibit)	f. GSO Antenna Gain Contour Data (GXT format)	g. Max PFD @ 5 deg* (dBW/m2 per ref. Bandwidth)	h. Max PFD @ 10 deg* (dBW/m2 per ref. Bandwidth)	i. Max PFD @ 15 deg* (dBW/m2 per ref. Bandwidth)	j. Max PFD @ 20 deg* (dBW/m2 per ref. Bandwidth)	k. Max PFD @ 25 deg* (dBW/m2 per ref. Bandwidth)	l. PFD Ref. BandWidth (4kHz or 1MHz)
6 ▾	T	C	-11		GLOBAL DN.ç	-155.8	-155.7	-155.6	-155.5	-155.4	4kHz
6R	R	C	-11		GLOBAL UP.ç						4kHz
7	T	C	-11		\M44 7 DN.gx	-155.8	-155.7	-155.6	-155.5	-155.4	4kHz
7R	R	C	-11		\M44 7 UP.gx						4kHz
8	T	C	-11		\M44 8 DN.gx	-155.8	-155.7	-155.6	-155.5	-155.4	4kHz
8R	R	C	-11		\M44 8 UP.gx						4kHz
9	T	C	-11		\M44 9 DN.gx	-155.8	-155.7	-155.6	-155.5	-155.4	4kHz
9R	R	C	-11		\M44 9 UP.gx						4kHz
10	T	C	-11		GLOBAL DN.	-155.8	-155.7	-155.6	-155.5	-155.4	4kHz
10R	R	C	-11		GLOBAL UP.ı						4kHz
11	T	C	-11		GLOBAL DN.	-155.8	-155.7	-155.6	-155.5	-155.4	4kHz
11R	R	C	-11		GLOBAL UP.ı						4kHz
15	T	C	-11		,M44 15 DN.g:	-155.8	-155.7	-155.6	-155.5	-155.4	4kHz
15R	R	C	-11		,M44 15 UP.g>						4kHz
16	T	C	-11		,M44 16 DN.g:	-155.8	-155.7	-155.6	-155.5	-155.4	4kHz
16R	R	C	-11		,M44 16 UP.g>						4kHz
17	T	C	-11		,M44 17 DN.g:	-155.8	-155.7	-155.6	-155.5	-155.4	4kHz
17R	R	C	-11		,M44 17 UP.g>						4kHz
18	T	C	-11		,M44 18 DN.g:	-155.8	-155.7	-155.6	-155.5	-155.4	4kHz
18R	R	C	-11		,M44 18 UP.g>						4kHz
*											

NOTE: Double-Click anywhere on the diagram row to view the diagram PDF.   *@ X deg., where X is the Angle of Arrival above horizontal
Double-Click in GXT column to view the GXT file for the row.

S9. Space Station Channels

a. Channel ID	b. Assigned Bandwidth (kHz)	c. T/R Mode	d. Center Frequency (MHz)	e. Polar-ization	f. TT&C or Comm
1	40000	T	6000	L	C
2	40000	R	3675	R	C
3	40000	T	6050	L	C
4	40000	R	3725	R	C
5	40000	T	6100	L	C
6	40000	R	3775	R	C
7	40000	T	6150	L	C
8	40000	R	3825	R	C
9	40000	T	6200	L	C
10	40000	R	3875	R	C
11	40000	T	6250	L	C
12	40000	R	3925	R	C
13	40000	T	6350	L	C
14	40000	R	4025	R	C
15	40000	T	6400	L	C
16	40000	R	4075	R	C
17	40000	T	6450	L	C
18	40000	R	4125	R	C
19	40000	T	6500	L	C
20	40000	R	4175	R	C
*					

S10. Space Station Transponders

a. Trans-ponder ID	b. Trans-ponder Gain (dB)	c. Receive Channel ID	d. Receive Beam ID	e. Transmit Channel ID	f. Transmit Beam ID
6	110	2	6R	1	6
7	110	4	7R	3	7
8	110	6	8R	5	8
9	110	8	9R	7	9
10	110	10	10R	9	10
11	110	12	11R	11	11
15	110	14	15R	13	15
16	110	16	16R	15	16
17	110	18	17R	17	17
18	110	20	18R	19	18
*					

S11. Digital Modulation Parameters

a. Digital Mod. ID	b. Emission Designator	c. Assigned Bandwidth (kHz)	d. No. of Phases	e. Uncoded Data Rate (kbps)	f. FEC Error Correction Coding Rate	g. CDMA Processing Gain (dB)	h. Total C/N Performance Objective (dB)	i. Single Entry C/I Objective (dB)
1	45K0G7D	45	4	67	0.75		6.8	30
2	128KG7D	128	4	189	0.75		6.8	30
3	40M0G7W	40000	4	66667	0.75		6.8	30

S12. Analog Modulation Parameters

a. Analog Mod. ID	b. Emission Designator	c. Assigned Bandwidth (kHz)	d. Signal Type	e. Channels per Carrier	f. Ave. Companded Talker Level (dBm0)	g. Telephony Bottom Baseband Freq (MHz)	h. Telephony & SCPC/FM Top Baseband Freq (MHz)	i. Telephony RMS Modulation Index	j. Video Standard (NTSC, PAL, etc.)	k. Video Noise Weighting (dB)	l. Video & SCPC/FM Modulation Index	m. SCPC/FM Compander, Pre-emphasis, & Noise Weighting (dB)	n. Total C/N Performance Objective (dB)	o. Single Entry C/I Objective (dB)

S14. TT&C Station Locations

Is the space station(s) controlled and monitored remotely? Yes ▼ [Save] Complete Satellite Tab before responding to Yes/No Question S14.

	a1. Street1 Address	a2. Street2 Address	b. City	c. County	d1. State	d2. Country	e. Zip Code	f. Telephone No.	g. Call Sign of Control Station
▶	Octyabvskaya		Gus-Khrustalny	Russia			801501	+70959569526	
*									

S15. SPACECRAFT PHYSICAL CHARACTERISTICS

[Add] [Save] [Delete]

Spacecraft Dimensions - Deployed on-orbit (meters)

Probability of Survival to End of Life (0-1)

a. Mass of spacecraft w/o fuel: _____ kg

b. Mass of fuel & disposables at launch: _____ kg

c. Mass of spacecraft & fuel at launch: _____ kg

d. Mass of fuel, in orbit, at BOL: _____ kg

e. Deployed area of Solar Array: _____ sq. meters

f. Length: _____ m

g. Width: _____ m

h. Height: _____ m

i. Payload: _____

j. Bus: _____

k. Total: _____

S16. SPACECRAFT ELECTRICAL CHARACTERISTICS

[Add] [Save] [Delete]

Spacecraft Subsystem	Electrical Power (Watts) @ BOL @ Equinox	Electrical Power (Watts) @ BOL @ Solstice	Electrical Power (Watts) @ EOL @ Equinox	Electrical Power (Watts) @ EOL @ Solstice
Payload (Watts):	a. 4410	f. 4410	k. 4410	p. 4410
Bus (Watts):	b. 1183	g. 1095	l. 1183	q. 1095
Total (Watts):	c. 5593	h. 5505	m. 5593	r. 5505
Solar Array (Watts):	d. 8354	i. 7443	n. 6766	s. 6029
Depth of Battery Discharge (%):	e.	i.	o.	t.

S17. CERTIFICATIONS

[Save] Complete Satellite Tab before responding to S17 Certifications.

a. Are the power flux density limits of & 25.208 met? Yes ▼

b. Are the appropriate service area coverage requirements of & 25.143(b)(ii) and (iii), or & 25.145(c)(1) and (2) met? n/a ▼

c. Are the frequency tolerances of & 25.202(e) and the out-of-band emission limits of & 25.202(f)(1), (2), and (3) met? Yes ▼