Approved by OMB
3060−0678

Date & Time Filed: Apr 15 2011 6:12:07:513PM
File Number: SES−AMD−INTR2011−01126

FCC APPLICATION FOR SPACE AND EARTH STATION:MOD OR AMD − MAIN FORM FCC 312 MAIN FORM FOR OFFICIAL USE ONLY	FCC Use Only

APPLICANT INFORMATION
Enter a description of this application to identify it on the main menu:
Clarification that METs will not operate in bands reserved for safety and distress communications services.

1−8. Legal Name of Applicant

Name:	SkyWave Mobile Communications, Corp.	**Phone Number:**	613−836−4844
DBA Name:		**Fax Number:**	613−836−1088
Street:	1145 Innovation Drive, Suite 288	**E−Mail:**	ani.tourian@skywave.com
City:	Ottawa	**State:**	
Country:	Canada	**Zipcode:**	−
Attention:	Ms. Ani Tourian		

9−16. Name of Contact Representative

Name:	Stephanie Roy	**Phone Number:**	202−429−6278
Company:	Steptoe & Johnson LLP	**Fax Number:**	202−429−3902
Street:	1330 Connecticut Ave. NW	**E−Mail:**	sroy@steptoe.com
City:	Washington	**State:**	DC
Country:	USA	**Zipcode:**	20036−1795
Attention:		**Relationship:**	Legal Counsel

CLASSIFICATION OF FILING

17. Choose the button next to the classification that applies to this filing for both questions a. and b. Choose only one for 17a and only one for 17b.

- (●) a1. Earth Station
- ( ) a2. Space Station

(N/A) b1. Application for License of New Station
(N/A) b2. Application for Registration of New Domestic Receive−Only Station
- (●) b3. Amendment to a Pending Application
- ( ) b4. Modification of License or Registration

b5. Assignment of License or Registration
b6. Transfer of Control of License or Registration
- ( ) b7. Notification of Minor Modification

(N/A) b8. Application for License of New Receive−Only Station Using Non−U.S. Licensed Satellite
(N/A) b9. Letter of Intent to Use Non−U.S. Licensed Satellite to Provide Service in the United States
(N/A) b10. Other (Please specify)
(N/A) b11. Application for Earth Station to Access a Non−U.S.satellite Not Currently Authorized to Provide the Proposed Service in the Proposed Frequencies in the United States
(N/A) b12. Application for Database Entry
- ( ) b13. Amendment to a Pending Database Entry Application
- ( ) b14. Modification of Database Entry

17c. Is a fee submitted with this application?

(●) If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R.Section 1.1114).

( ) Governmental Entity ( ) Noncommercial educational licensee

( ) Other(please explain):

17d.

Fee Classification CGB − Mobile Satellite Earth Stations

18. If this filing is in reference to an existing station, enter:	19. If this filing is an amendment to a pending application enter both fields, if this filing is a modification please enter only the file number:	
(a) Call sign of station:	(a) Date pending application was filed:	(b) File number:
	12/29/2010	SESLIC2010122901640

E15. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide as a technical analysis showing compliance with two−degree spacing policy.	○ Yes ○ No ◉ N/A
E16. If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or if they operate in the Fixed Satellite Service (FSS) with non−geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a2) and (b) as demonstrated by the manufacturer's qualification measurements?	○ Yes ○ No ◉ N/A
E17. Is the facility operated by remote control? If YES, provide the location and telephone number of the control point.	◉ Yes ○ No

E18. Is frequency coordination required? If YES, attach a frequency coordination report as	○ Yes ○ No
E19. Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as	○ Yes ○ No
E20. FAA Notification − (See 47 CFR Part 17 and 47 CFR part 25.113(c)) Where FAA notification is required, have you attached a copy of a completed FCC Form 854 and/or the FAA's study regarding the potential hazard of the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION.	○ Yes ○ No

POINTS OF COMMUNICATION

Satellite Name: If you selected OTHER, please enter the following:

E21. Common Name:	E22. ITU Name:
E23. Orbit Location:	E24. Country:

POINTS OF COMMUNICATION (Destination Points)

E25. Site Identifier:	
E26. Common Name:	E27. Country:

ANTENNA

Site ID	**E28. Antenna Id**	**E29. Quantity**	**E30. Manufacturer**	**E31. Model**	**E32. Antenna Size<meters>**	**E41/42. Antenna Gain Transmint and/or Recieve (____dBi at _____GHz)**	
Various Mobile Units	1	100000	Skywave Mobile Communications, Inc.	CMS−TRP	0.1	4.7 dBi at 1.627	
Various Mobile Units	1	100000	Skywave Mobile Communications, Inc.	CMS−TRP	0.1	5.2 dBi at 1.559	
Various Mobile Units	2	100000	Skywave Mobile Communications Inc.	CMS−TRH	0.1	2.5 dBi at 1.559	
Various Mobile Units	2	100000	Skywave Mobile Communications Inc.	CMS−TRH	0.1	2.6 dBi at 1.627	

E28. Antenna Id	E33/34. Diameter Minor/Major (meters)	E35. Above Ground Level (meters)	E36. Above Sea Level(meters)	E37. Building Height Above Ground Level (meters)	E38. Total Input Power at antenna flange (Watts)	E39. Maximum Antenna Height Above Rooftop (meters)	E40. Total EIRP for al carriers(dBW)
1	0.1/0.1	0.0	0.0	0.0	1.7	0.0	7.0
2	0.1/0.1	0.0	0.0	0.0	1.7	0.0	4.9

FREQUENCY

E28. Antenna Id	E43/44. Frequency Bands (MHz)	E45. T/R Mode	E46. Antenna Polarization(H,V, L,R)	E47. Emission Designator	E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
1	1525 1544	R	Right Hand Circular	5K00G1D	0.0	0.0
E50. Modulation and Services (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.) Rx, OQPSK Data Service						
1	1545 1559	R	Right Hand Circular	5K00G1D	0.0	0.0

E50. Modulation and Services (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)

Rx, OQPSK Data Service

1	1626.5 1645.5	T	Right Hand Circular	30K0G1D	7.0	7.0

E50. Modulation and Services (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)

Tx OQPSK Data Service

1	1646.5 1660.5	T	Right Hand Circular	30K0G1D	7.0	7.0

E50. Modulation and Services (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)

Tx OQPSK Data Service

2	1525 1544	R	Right Hand Circular	5K00G1D	0.0	0.0

E50. Modulation and Services (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)

Rx OQPSK Data Service

2	1545 1559	R	Right Hand Circular	5K00G1D	0.0	0.0

E50. Modulation and Services (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)

Rx OQPSK Data Service

2	1626.5 1660.5	T	Right Hand Circular	30K0G1D	4.9	4.9

E50. Modulation and Services (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)

Tx OQPSK Data Service

2	1646.5 1660.5	T	Right Hand Circular	30K0G1D	4.9	4.9

E50. Modulation and Services (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)

Tx OQPSK Data Service

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc Eastern/Western Limit	E56. Earth Station Azimuth Angle Eastern Limit	E57. Antenna Elevation Angle Eastern Limit	E58. Earth Station Azimuth Angle Western Limit	E59. Antenna Elevation Angle Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
1	Geostationary	1525.0 1544.0	15.5/178.0	95.0	15.0	265.0	15.0	0.0
	Geostationary	1545.0 1559.0	15.5/178.0	95.0	15.0	265.0	15.0	0.0
	Geostationary	1626.5 1645.5	15.5/178.0	95.0	15.0	265.0	15.0	−0.3
	Geostationary	1646.5 1660.5	15.5/178.0	95.0	15.0	265.0	15.0	−0.3
2	Geostationary	1525.0 1544.0	15.5/178.0	95.0	5.0	265.0	5.0	0.0
	Geostationary	1545.0 1559.0	15.5/178.0	95.0	5.0	265.0	5.0	0.0
	Geostationary	1626.5 1645.5	15.5/178.0	95.0	5.0	265.0	5.0	0.0

	Geostationary	1646.5 1660.5	15.5/178.0	95.0	5.0	265.0	5.0	0.0

REMOTE CONTROL POINT LOCATION

E61. Call Sign NOTE: Please enter the callsign of the controlling station, not the callsign for which this application is being filed.		E66. Phone Number 44−20−7728−1020	
E62. Street Address EC1Y 1 AX			
E63. City London	E68. County London	E67/68. State/Country / United Kingdom	E64. Zip Code

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