FCC 312 Main Form

FEDERAL COMMUNICATIONS COMMISSION

APPLICATION FOR SATELLITE SPACE AND EARTH STATION AUTHORIZATIONS

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S	File	

Call Sign:

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Fee Number:

APPLICANT INFORMATION

		A Chicago Talandes No.	vista la dise
1 Legal Name of Applicant		7. Aoice refebuone rannoci	
WIRESAT SA	#	+41 919509383	9383
2 Of Nicol For Dainy Business (if any)		4. Fax Telephone Number	iber
3. Office Name Used for Doing Dustriess (it any)		+41 919509381	509381
5. Mailing Street Address or P.O. Box VIA AL MOLINO 31	6. City	MONTAGNOLA)LA
ATTENTION	7. State / Country (if not U.S.A.) SWITZERLAND		8. Zip Code 6926
9. Name of Contact Representative (If other than applicant) GIUSY BARBAGLI		10. Voice Telephone Number +41 919509383	Number 919509383
II. Firm or Company Name WIRESAT SA		12. Fax Telephone Number +41919509381	mber -41919509381
13. Mailing Street Address or P.O. Box	14. City	MONTAGNOLA	
VIA AL MOLINO 31 – SWITZERLAND - ZIP CODE 6926	15. State / Country (if not U.S.A)		16. Zip Code
ATTENTION			

CLASSIFICATION OF FILING

18. If this filing is in reference to an existing station, enter: Call sign of station:		a2. Space Station	State Light bir Commencer	al Farth Station		17. Place an "X" in the box next to the
existing station, enter:	b5. Assignment of License or Registration	b4. Modification of License or Registration	b3 Amendment to a Pending Application	b2. Application for Registration of New Domestic Receive-Only Station	bl. Application for License of New Station	17. Place an "X" in the box next to the classification that applies to this filing for both questions a. and b. Mark only one box for 17a and only one box for 17b.
(a) Date pending application was filed:(b) File number of pending application:	b10. Other (Please Specify):	b9. Letter of Intent to Use Non-U.S. Licensed Satellite to Provide Service in the United States	b8. Application for License of New Receive-Only Station Using Non-U.S. Licensed Satellite	b7. Notification of Minor Modification	b6. Transfer of Control of License or Registration	ark only one box for 17a and only one box for 17b.

TYPE OF SERVICE
20. NATURE OF SERVICE: This filing is for an authorization to provide or use the following type(s) of service(s): Place an "X" in the box(es) next to all that apply.
a. Fixed Satellite c. Radiodetermination Satellite e. Direct to Home Fixed Satellite g. Other (please specify)
21. STATUS: Place an "X" in the box next to the applicable status. Mark only one box. 22. If earth station applicant, place an "X" in the box(es) next to all that apply. 23. If earth station applicant, place an "X" in the box(es) next to all that apply. 24. If earth station applicant, place an "X" in the box(es) next to all that apply. 25. If earth station applicant, place an "X" in the box(es) next to all that apply. 26. If earth station applicant, place an "X" in the box(es) next to all that apply. 27. If earth station applicant, place an "X" in the box(es) next to all that apply. 28. If earth station applicant, place an "X" in the box(es) next to all that apply.
23. If applicant is providing INTERNATIONAL COMMON CARRIER service, see instructions regarding Sec. 214 filings. Mark only one box. Are these facilities: a. Connected to the Public Switched Network b. Not connected to the Public Switched Network
24. FREQUENCY BAND(S): Place an "X" in the box(es) next to all applicable frequency band(s). a. C-Band (4/6 GHz) b. Ku-Band (12/14 GHz) c. Other (Please specify)
TYPE OF STATION
25. CLASS OF STATION: Place an "X" in the box next to the class of station that applies. Mark only one box. Solution applicant, go to Question 27. Solution applicant, go to Question 27. Solution applicant, go to Question 27.
26. TYPE OF EARTH STATION FACILITY Mark only one box. [a. Transmit/Receive
PURPOSE OF MODIFICATION OR AMENDMENT
27. The purpose of this proposed modification or amendment is to: Place an "X" in the box(es) next to all that apply. a authorization to add new emission designator and related service b authorization to increase EIRP and EIRP density d authorization to replace antenna
e authorization to add antenna f authorization to relocate fixed station g authorization to change assigned frequency(ies) h authorization to add Points of Communication (satellites & countries) i authorization to change Points of Communication (satellites & countries) j authorization for facilities for which environmental assessment and radiation hazard reporting is required k Other (Please Specify) AUTHORIZATION TO TRANSMIT/UPLINK DURING FORMULA 1 GP IN INDIANAPOLIS
ENVIRONMENTAL POLICY
28. Would a Commission grant of any proposal in this application or amendment have a significant environmental impact as defined by 47 CFR 1.1307? If YES, submit the statement as required by Sections 1.1308 and 1.1311 of the Commission's rules, 47 C.F.R. §§ 1.1308 and 1.1311, as an exhibit to this application. A Radiation Hazard Study must accompany all applications as an exhibit for new transmitting facilities, major modifications, or major amendments. Refer to OET Bulletin 65.

ALIENOWNERSHIP		
29. Is the applicant a foreign government or the representative of any foreign government?	YES	NO
30. Is the applicant an alien or the representative of an alien?	YES	ONO
31. Is the applicant a corporation organized under the laws of any foreign government?	YES	NO
32. Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	T YES	NO
33. Is the applicant a corporation directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	han Ign	NO
34. If any answer to questions 29, 30, 31, 32 and/or 33 is Yes, attach as an exhibit, the identification of the aliens or foreign entities, their nationality, their relationship to the applicant, and the percentage of stock they own or vote.		
BASIC QUALIFICATIONS		
35. Does the applicant request any waivers or exemptions from any of the Commission's Rules? If Yes, attach as an exhibit, copies of the requests for waivers or exceptions with supporting documents.	YES	NO
party to this application ha tial, modification or renew nmission? If Yes, attach a	or had UYES	NO
37. Has the applicant, or any party to this application, or any party directly or indirectly controlling the applicant ever been convicted of a felony by any state or federal court? If Yes, attach as an exhibit, an explanation of the circumstances.	rcumstances. TES	ON
ing unlawfully to monopolize radio communication, directly or indirectly ing unlawfully to monopolize radio communication, directly or indirectly, through dio apparatus, exclusive traffic arrangement or any other means or unfair methods it, an explanation of the circumstances.	nt, guilty of unlawfully ugh control of ods of competition?	NO
39. Is the applicant, or any person directly or indirectly controlling the applicant, currently a party in any pending ma referred to in the preceeding two items? If Yes, attach as an exhibit, an explanation of the circumstances.	ending matter	NO
40. If the applicant is a corporation and is applying for a space station license, attach as an exhibit the names, addresses, and citizenship of those stockholders owning of record and/or voting 10 percent or more of the Filer's voting stock and the percentages so held. In the case of fiducion control, indicate the beneficiary(ies) or class of beneficiaries. Also list the names and addresses of the officers and directors of the Filer.	s, addresses, and citizenship of those entages so held. In the case of fiduciary officers and directors of the Filer.	
41. By checking Yes, the undersigned certifies, that neither the applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1 2002(b) for the meaning of "party to the application" for these purposes	ion is subject to a denial of U.S.C. Section 862, because of "party to the application" for these purposes.	ON
42a. Does the applicant intend to use a non-U.S. licensed satellite to provide service in the United States? If yes, answer 42b and attach an exhibit providing the information specified in 47 C.F.R. § 25.137, as appropriate If no, proceed to question 43.	appropriate. YES	No
42b. What administration has licensed or is in the process of licensing the space station? If no license will be issued what administration has coordinated or is in the process of coordinating the space station?		

										٦
WILLE (U.S. Co Section .	47. Signature	45. Typed Name of P		44. Applicant is a (an):	The Applicant waives the previous use of the application would no and are incorporated application and in all		Exhibit No.		43. Description. (
WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE (U.S. Code, Title 18, Section/1001), AND/OR REVOCATION OF A Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, S		SEVERINO ALBERTONI	b. Unincorporated	ant is a (an): (Place an "X" in the box next to applicable response.)	The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. The applicant certifies that grant of the application would not cause the applicant to be in violation of the spectrum aggregation limit in 47 CFR Part 20. All statements made in exhibits are a material part he and are incorporated herein as if set out in full in this application. The undersigned, individually and for the applicant, hereby certifies that all statements made in this application and in all attached exhibits are true, complete and correct to the best of his or her knowledge and belief, and are made in good faith.	CERTIFICATION	No. Identify all exhibits that are attached to this application.	EUROPEAN BROADCASTERS. WE ARE ASKING FOR A TEMPOR	(Summarize the nature of the WIRESAT SA PROVIDES	
1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, FORFEITURE (U.S. Code, Title 47, Section 503).	48. Date 10 JUNE 2005	49. I IIC OI FCISON SIGNIES	-		lagnetic spectrum as against the regulatory power of the United States because of thon in accordance with this application. The applicant certifies that grant of this limit in 47 CFR Part 20. All statements made in exhibits are a material part hereof vidually and for the applicant, hereby certifies that all statements made in this her knowledge and belief, and are made in good faith.	ATION		WE ARE ASKING FOR A TEMPORARY LICENCE TO TRANSMIT/UPLINK . NO DOWNLINK IN USA	e application and the services to be provided). SNG SERVICES. WE'LL BE IN INDIANAPOLIS FOR THE FORMULA 1 GP AND WE'LL DO SNG SERVICES FOR SOME	

Jale B Ille B Registra Cation of Earth Station Site. Cation of Earth Station Site. Blb. Site Id AND SUI-068 AND SUI-068 Address of Station or Area of Operation of Colorate Station of Annual Colorate Station Sta	ERAL COMMUNICA' LITE EARTH STATI [Place an "X" in one of Place an "X" in one of the individual Schedule B, Paunications, and Destination of the Place of Contact Position of the individual Schedule B, Paunications and Destination of the individual Schedule B, Paunication of the i	TIONS COMMISSION (ON AUTHORIZATIONS tional Description) the blocks below) pplication Modification of License/Registration and point of contact. age I sheets for each hub station and each remonage I sheets for each hub and remote station. Blc. Telephone Number Blj. Geographi Deg. Person Lat. 39 N, 46.	Page 1: La sec E/W Coordin
Station or INDI/	Ble, Name of Contact Pers	on	39 N, 46
B1f. City B1g. County		B1h. State B1i. Zip Code	B11. Site Elevation (AMSL) meters
B2. Points of Communications: List the names and orbi	nes and orbit locations of all satellites with which this earth names and locations of all satellite facilities licensed by the	station U.S.	will communicate. The entry "ALSAT" is sufficient to All non-U.S. licensed satellites must be listed individually
Satellite Name and Orbit Location	Satellite Name and Orbit Location		Satellite Name and Orbit Location
NSS / == 22°W			
B3. Destination points for communications using non-U.S. destination destinations using non-U.S.	licensed satellites. For tion point(s) (countries) system. Use additional	where the services will be provided by this earth	lity identified in section B2 above, specify the y this earth station via each non-U.S. licensed
		та фрафор Адария принят виде и приняти виденти под под приняти на приняти под под приняти под под под под под	

SATELLITE EARTH STATION FEDERAL COMMUNICATIONS COMMISSION AUTHORIZATIONS

FCC Form 312 - Schedule B: (Technical and Operational Description)

B4. Earth Station Antenna Facilities: Use additional pages as needed.

	-	·	1		-	7	
				Mondrich drukstein demande demande producer oppragnen deprenden de demande de demande de demande de demande de			(a) Site ID*
					SUI-068	SUI-067	(b) Antenna ID**
000000000000000000000000000000000000000					passadi	.jouweel-	(c) Quantity
					PRODELIN	PRODELIN	(d) Manufacturer
					1134	1134	(e) Model
					1,20 M	1,20 M	(f) Antenna Size (meters)
					43 dbi transmit 41,5 dbi receive	43 dbi transmit 41,5 dbi receive	(g) Antenna Gain Transmit and/or Receive (dBi at GHz)

B5. Antenna Heights and Maximum Power Limits: (The corresponding Antenna ID in tables B4 and B5 applies to the same antenna)

_				T			
		Oden/Ma/juricinostinostinoscococococococococococococococococococ	PROTECTION OF THE CONTRACT OF	SUI-068	SUI-067	Antenna ID**	(a)
				anger aforande manarament manaram		(b) Antenna Structure Registration No.	
					Administration and the contract of the contrac	(c) Above (d) Abov Ground Level Mean Sea (meters) (meter	Maximum Ar
						(d) Above Mean Sea Level (meters)	itenna Height
						Height Above Ground Level (meters)***	(e) Building
						Antenna Height Above Rooftop (meters)***	(f) Maximum
				150 W	150 W	Power at antenna flange (Watts)	(g) Total Input
				65 dbw	65 dbw	for all carriers (dBW)	dal law T. (4)

Notes: * If this is an application for a VSAT network, identify the site (Item B1b, Schedule B, Page 1) where each antenna is located. Also include this Site-ID on Schedule B, Page 5.

** Identify each antenna in VSAT network or multi-antenna station with a unique identifier, such as HUB, REMOTE1, A1, A2, 10M, 12M, 7M, etc. Use this same antenna ID

throughout tables B4, B5, B6, and B7 when referring to the same antenna.

^{***} Attach sketch of site or exemption, Sec 47 CFR Part 17.

SATELLITE EARTH STATION AUTHORIZATIONS

FCC Form 312 - Schedule B: (Technical and Operational Description)

B6. Frequency Coordination Limits: Use additional pages as needed.

 	 	 	 	 	 	 	 	 	 		 	 	_		
													SUI-068	SUI-067	(a) Antenna ID*
															(b) Frequency Limits (MHz)
													22°W	22°W	(c) Range of Satellite Arc Eastern Limit**
													22°W	22°W) Range of Satellite Arc Western Limit**
													,	possis promis y broads	(e) Antenna Elevation Angle Eastern Limit
			distriction of the control of the co										Second Second	Seconds Seconds Late Seconds	(f) Antenna Elevation Angle Western Limit
													107,2	107,2	(g) Earth Station Azimuth Angle Eastern Limit
		The state of the s						programmum for it was to the first of the contract of the cont		онно на приментителниции приментителници			107,2	107,2	(h) Earth Station Azimuth Angle Western Limit
															(i) Maximum EIRP Density toward the Horizon (dBW/4kHz)
														22°W 11,1 107,2	

Notes: * Provide the ANTENNA-ID from table B4 to identify the antenna to which each frequency band and orbital arc range is associated.

^{**} If operating with geostationary satellites, give the orbital arc limits and the associated elevation and azimuth angles. If operating with non-geostationary satellites, give the notation "NON-GEO" for the satellite arc and give the minimum operational elevation angle and the maximum azimuth angle range.

SATELLITE EARTH STATION AUTHORIZATIONS

Page 4: Particulars

FCC Form 312 - Schedule B: (Technical and Operational Description)

B7. Particulars of Operation (Full particulars are required for each r.f. carrier): Use additional pages as needed.

 _				1	 	 		 				 	-			
														SUI-068	SUI-067	(a) Antenna ID*
															14,00-14,50 GHZ	(b) Frequency Bands (MHz)
														-	T	T/R Mode
														H/V	V/H	(d) Antenna Polarization (H,V,L,R)
														2HM 6	9 MHZ	(e) Emission Designator
												Record of the desirability of the desirability of the second seco		65	65	(f) Maximum EIRP per Carrier (dBW)
														9029+	9029+	(g) Maximum EIRP Density per Carrier (dBW/4kHz)
														QPSK	QPSK	(h) Descr

Notes: * Provide the ANTENNA-ID from table B4 to identify the antenna to which each frequency band and emission is associated. For VSAT networks, include frequencies and emissions for all HUB and REMOTE units.

FEDERAL COMMUNICATIONS COMMISSION SATELLITE EARTH STATION AUTHORIZATIONS FCC Form 312 - Schedule B: (Technical and Operational Description)

If VSAT Network, provide the SITE-ID (Item B1b) of the station that B8-B13 are in response to (HUB, REMOTE1, etc.):

В13	B12	B11				B10	В9,	В8.
B13. 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 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 RESUI	B12. Is coordination with another country required? If y and plot of coordination contours as an exhibit.	B11. Is frequency coordination required? If YES, attach a frequency coordination report as an exhibit.	B10f. Telephone Number	B10b, City	Remote Control Point Location: B10a. Street Address	. Is the facility operated by remote control? If YES,	If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or if they operate (FSS) with non-geostationary satellites, do(es) the proposed antenna(s) comply with the antennal Section 25.209(a2) and (b) as demonstrated by the manufacturer's qualification measurements?	If the proposed antenna(s) operate in the Fixed Satel comply with the antenna gain patterns specified in S measurements? If NO, provide as an exhibit, a techn
7 CFR Part 25.113(c))	If YES, attach the name of the country(ies)	a frequency coordination report as an exhibit.	B10g. Call Sign of Control Station (if appropriate)	B10c. County		B10. Is the facility operated by remote control? If YES, provide the location and telephone number of the control point.	B9. 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?	B8. 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 measurements? If NO, provide as an exhibit, a technical analysis showing compliance with two-degree spacing policy.
URN OF THIS APP			tation (if appropriate)	B10d. State / Country		point.	Satellite Service ns specified in	he proposed antenna(s) sturer's qualification ing policy.
☐ YES	☐ YES	YES		B10e. Zip Code		Total Control	YES	YES
ON	NO I	NO		Code			NO	ONO