Date & Time Filed: Nov 9 2006 6:25:20:926PM File Number: SES-MFS-20061109-01976

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

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:

Re-Filed Application for Modification of E010016 to Replace 7 meter antenna on JCSAT-3 with 9.3 meter antenna on JCSAT-5A

Legal Name of A	pplicant		
Name:	Hawaii Pacific Teleport, L.P.	Phone Number:	808-674-9157
DBA Name:		Fax Number:	808-674-1826
Street:	91–340 Farrington Highway	E–Mail:	
City:	Kapolei	State:	НІ
Country:	USA	Zipcode:	96707 –
Attention:	Mr Vincent Waterson		

9–16. Name of Contact Representative

Name: Frank R. Jazzo, Esq. Phone Number: 703–812–0400

Company: Fletcher, Heald & Hildreth, P.L.C. **Fax Number:** 703–812–0486

Street: 1300 N. 17th Street, 11th Flr. E–Mail: jazzo@fhhlaw.com

City: Arlington State: VA

Country: USA Zipcode: 22209–

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

	n (see 47 C.F.R.Section 1.1114).						
Governmental Entity Noncommercial educational licensee							
ed for re-filing dismissed application per letter	dated 10/11/06 dismissing SES-						
060905–01666							
assification CGX – Fixed Satellite Transmit/Receive Earth							
19. If this filing is an amendment to a pendin modification please enter only the file number	g application enter both fields, if this filing is a						
(a) Date pending application was filed:	(b) File number:						
	SESMOD2004092401425						
	ed for re–filing dismissed application per letter 060905–01666 Transmit/Receive Earth 19. If this filing is an amendment to a pendin modification please enter only the file number						

TYPE OF SERVICE

20. NATURE OF SERVICE: This filing is for an authorization to provide or use the following type(s) of service(s): Select all that apply:
a. Fixed Satellite
b. Mobile Satellite
c. Radiodetermination Satellite
d. Earth Exploration Satellite
e. Direct to Home Fixed Satellite
f. Digital Audio Radio Service
g. Other (please specify)
21. STATUS: Choose the button next to the applicable status. Choose
only one. Using U.S. licensed satellites
Common Carrier
23. If applicant is providing INTERNATIONAL COMMON CARRIER service, see instructions regarding Sec. 214 filings. Choose one. Are these facilities:
Connected to a Public Switched Network Not connected to a Public Switched Network N/A
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 upper and lower frequencies in MHz.)
Frequency Lower: Frequency Upper: (Please specify additional frequencies in an attachment)

TYPE OF STATION

25. CLASS OF STATION: Choose the button next to the class of station that applies. Choose only one.	
a. Fixed Earth Station	
• b. Temporary–Fixed Earth Station	
c. 12/14 GHz VSAT Network	
d. Mobile Earth Station	
e. Geostationary Space Station	
f. Non–Geostationary Space Station	
g. Other (please specify)	
26. TYPE OF EARTH STATION FACILITY:	
Transmit/Receive Transmit-Only Receive-Only N/A	
"For Space Station applications, select N/A."	

PURPOSE OF MODIFICATION

27. The purpose of this proposed modification 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 change emission designator and related service
c — 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 frequency(ies)
h — authorization to add frequency
i — authorization to add Points of Communication (satellites & Communication)
j — authorization to change Points of Communication (satellites & touther)
k — authorization for facilities for which environmental assessment and
radiation hazard reporting is required
1 — authorization to change orbit location
m — authorization to perform fleet management
n — authorization to extend milestones
o — Other (Please specify)

ENVIRONMENTAL POLICY

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 for new transmitting facilities, major modifications, or major amendments.		RadF	laz			
ALIEN OWNERSHIP Earth station applicants not proposing to provide broadcast, common carrier, aeronateronautical fixed radio station services are not required to respond to Items 30–34.	autic	al en	rout	te or		
29. Is the applicant a foreign government or the representative of any foreign government?	0	Yes	•	No		
30. Is the applicant an alien or the representative of an alien?	0	Yes	0	No	•	N/A
31. Is the applicant a corporation organized under the laws of any foreign government?	0	Yes	0	No	•	N/A
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?	0	Yes	0	No	•	N/A

O Yes O No

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

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?	O Yes O	No 👩 N/A
34. If any answer to questions 29, 30, 31, 32 and/or 33 is Yes, attach as an exhibit an 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.	o Yes	No
36. Has the applicant or any party to this application or amendment had any FCC station authorization or license revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission? If Yes, attach as an exhibit, an explination of circumstances.	O Yes	No

37. Has the applicant, or any party to this application or amendment, 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 explination of circumstances.	• Yes	⊚ No
38. Has any court finally adjudged the applicant, or any person directly or indirectly controlling the applicant, guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement or any other means or unfair methods of competition? If Yes, attach as an exhibit, an explanation of circumstances	• Yes	No
39. Is the applicant, or any person directly or indirectly controlling the applicant, currently a party in any pending matter referred to in the preceding two items? If yes, attach as an exhinit, an explanation of the circumstances.	• Yes	⊘ No
40. If the applicant is a corporation and is applying for a space station license, attach as an exhibit the names, address, and citizenship of those stockholders owning a record and/or voting 10 percent or more of the Filer's voting stock and the percentages so held. In the case of fiduciary control, indicate the beneficiary(ies) or class of beneficiaries. Also list the names and addresses of the officers and directors of the Filer.		

41. By checking Yes, the undersigned certifies, that neither 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.	Yes Yes ✓ Yes ✓ N	O No
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.	Yes	O No
	25.137(a)	
42b. What administration has licensed or is in the process of licensing the space station? If no license will be issued, vectordinated or is in the process of coordinating the space station? Japan	what administ	ration has
43. Description. (Summarize the nature of the application and the services to be provided). (If the complete descript box, please go to the end of the form to view it in its entirety.)	ion does not a	ppear in this
Application to modify license to delete 7 meter antenna on JSCAT-3 and replameter antenna on JCSAT-5A at Kapolei, Hawaii.	ace with 9	9.3
Section 25.114(d)		

CERTIFICATION

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 of 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 this 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 hereof 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.

44	Applicant is a (an): (Choose the button next to applicable response.)	
000	Unincorporated Association	
		46. Title of Person Signing
	Vincent Waterson >	VP Business Development

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

SATELLITE EARTH STATION AUTHORIZATIONS FCC Form 312 – Schedule B:(Technical and Operational Description) FOR OFFICIAL USE ONLY

Location of Earth St	tation Site					
E1: Site Identifier:	1	E5. Call Sign:	E010016			
E2: Contact Name	Vince Waterson	E6. Phone Number:	805-981-8740			
E3. Street:	91–340 Farrington Highway	E7. City:	Kapolei			
		E8. County:	Honolulu			
E4. State	HI	E9. Zip Code	96707			
E10. Area of Opera	tion:	Kapolei, HI				
E11. Latitude:	21 °20 '8.0 "N					
E12. Longitude:	158 °5 '25.0 "W					
E13. Lat/Lon Coord	dinates are:	○ NAD-27	◎ NAD-83	O N/A		
E14. Site Elevation (AMSL):		36.57 meters				

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.

E16. If the proposed antenna(s) do not operate in the Fixed Satellite Satellite Service (FSS) with non–geostationary satellites, do(es) the program patterns specified in Section 25.209(a2) and (b) as demonstrated measurements?	o Yes	O No	● N/A	
E17. Is the facility operated by remote control? If YES, provide the log point.	cation and telephone number of the control	O Yes	•	No
E18. Is frequency coordination required? If YES, attach a frequency co	oordination report as FreqCoord	Yes	0	No
E19. Is coordination with another country required? If YES, attach the coordination contours as	e name of the country(ies) and plot of	O Yes	•	No
E20. FAA Notification – (See 47 CFR Part 17 and 47 CFR part 25. have you attached a copy of a completed FCC Form 854 and/or the FA the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILI APPLICATION.	AA's study regarding the potential hazard of	O Yes	•	No
POINTS OF COMMUNICATION		l		
Satellite Name: OTHER OTHER If you selected OTHER, please	enter the following:			
E21. Common Name: JCSAT-5A	E22. ITU Name: JCSAT-FO-132			
E23. Orbit Location: 132 East	E24. Country: Japan			
POINTS OF COMMUNICATION (Destination Points)	1			
E25. Site Identifier: 1				

E26. Common Name: JCSAT-5A	E27. Country: Afghanistan
E25. Site Identifier: 1	
E26. Common Name: JCSAT-5A	E27. Country: Australia
E25. Site Identifier: 1	
E26. Common Name: JCSAT–5A	E27. Country: Bangladesh
E25. Site Identifier: 1	
E26. Common Name: JCSAT–5A	E27. Country: Brunei Darussalam
E25. Site Identifier: 1	
E26. Common Name: JCSAT–5A	E27. Country: China
E25. Site Identifier: 1	
E26. Common Name: JCSAT-5A	E27. Country: Hongkong
E25. Site Identifier: 1	
E26. Common Name: JCSAT-5A	E27. Country: Indonesia
E25. Site Identifier: 1	
E26. Common Name: JCSAT-5A	E27. Country: India
E25. Site Identifier: 1	
	<u> </u>

E26. Common Name: JCSAT-5A	E27. Country: Japan
E25. Site Identifier: 1	
E26. Common Name: JCSAT-5A	E27. Country: Kazakhstan
E25. Site Identifier: 1	
E26. Common Name: JCSAT-5A	E27. Country: Kyrgyzstan
E25. Site Identifier: 1	
E26. Common Name: JCSAT-5A	E27. Country: Cambodia
E25. Site Identifier: 1	
E26. Common Name: JCSAT-5A	E27. Country: Korea (Rep. of)
E25. Site Identifier: 1	
E26. Common Name: JCSAT-5A	E27. Country: Lao P.D.R.
E25. Site Identifier: 1	
E26. Common Name: JCSAT-5A	E27. Country: Myanmar
E25. Site Identifier: 1	
E26. Common Name: JCSAT-5A	E27. Country: Mongolia
E25. Site Identifier: 1	

E26. Common Name: JCSAT-5A	E27. Country: Malaysia
E25. Site Identifier: 1	
E26. Common Name: JCSAT-5A	E27. Country: Nepal
E25. Site Identifier: 1	
E26. Common Name: JCSAT-5A	E27. Country: Pakistan
E25. Site Identifier: 1	
E26. Common Name: JCSAT-5A	E27. Country: Philippines
E25. Site Identifier: 1	
E26. Common Name: JCSAT-5A	E27. Country: Papua New Guinea
E25. Site Identifier: 1	
E26. Common Name: JCSAT-5A	E27. Country: Russia
E25. Site Identifier: 1	
E26. Common Name: JCSAT-5A	E27. Country: Singapore
E25. Site Identifier: 1	
E26. Common Name: JCSAT-5A	E27. Country: Thailand
E25. Site Identifier: 1	
L23. Site identifier. 1	

E26. Common Na	nme:JCSAT-5A			E27. Country:	Tajikistan				
E25. Site Identifie	ar. 1			Ī					
E26. Common Na	ime:JCSAT-5A			E27. Country:					
E25. Site Identifie	er: 1								
E26. Common Na	me:JCSAT-5A			E27. Country:	USA				
L									
E25. Site Identifie	er: 1								
E26. Common Na	nme:JCSAT-5A			E27. Country:	Country: Viet Nam				
ANTENNA				·					
Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size <meters></meters>	E41/42. Antenna Gain Transmint and/or Recieve (dBi atGHz)			
1	9.3M-2nd	1	Andrew Corp	ESA9.3-46	9.3	50.7 dBi at 4			
1	9.3M-2nd	1	Andrew Corp	ESA9.3-46	9.3	53.9 dBi at 6			
T20 A 4	T22/24	Trog 41				T20 14 1	T. 40 . T. 4		
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)		
9.3M-2nd	0.0/0.0	10.0	46.57	0.0		0.0	83.9		

FREOUENCY

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)
9.3M-2nd	3700.00 4200.00	R	Horizontal and Vertical	36M0G7W	0.0	0.0
E50. Modulatio entirety.) Digital,	n and Services (If the Various combinate)			n this box, please go	to the end of the form	to view it in its
9.3M–2nd	3700.00 4200.00	R	Horizontal and Vertical	51K2G7W	0.0	0.0
E50. Modulatio entirety.) Digital,	n and Services (If the Various combinate)			n this box, please go	to the end of the form	to view it in its

E50. Modulation entirety.)	n and Services (I	f the complete of	lescription does not appear i	n this box, please	go to the end of t	he form to view it ir	ı its
Digital,	Various combi	nation of d	carriers				
9.3M-2nd	5925.00 6425.00	Т	Horizontal and Vertical	51K2G7W	57.97	46.9	
E50. Modulation entirety.)	n and Services (I	f the complete c	lescription does not appear i	n this box, please	go to the end of t	he form to view it ir	ı its
Digital,	Various combi	nation of o	carriers				
9.3M-2nd	3700.00 4200.00	R	Horizontal and Vertical	36M0G7D	0.0	0.0	
E50. Modulation entirety.)	n and Services (I	f the complete of	description does not appear i	n this box, please	go to the end of t	he form to view it in	ı its
Digital D	ata, Various	FEC 3/4, 1,	/2 Etc. Various Mod	. QPSK. Etc.			
9.3M–2nd	3700.00 4200.00	R	Horizontal and Vertical	51K2G7D	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.) Digital Data, Various FEC 3/4, 1/2 Etc. Various Mod. QPSK. Etc. 9.3M-2nd 5925.00 Horizontal and 36M0G7D 80.43 40.89 Vertical 6425.00 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.) Digital Data, Various FEC 3/4, 1/2 Etc. Various Mod. QPSK. Etc. 9.3M-2nd 5925.00 Horizontal and 51K2G7D 57.97 46.9 6425.00 Vertical 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.) Digital Data, Various FEC 3/4, 1/2 Etc. Various Mod. QPSK. Etc.

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc Eastern/West ern Limit	E56. Earth Station Azimuth Angle Eastern Limit	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)
9.3M-2nd	Geostationary	3700.00 4200.00	228.0/228.0	262.4	10.1	262.4	10.1	0.0
	Geostationary	5925.00 6425.00	228.0/228.0	262.4	10.1	262.4	10.1	-3.48

REMOTE CONTROL POINT LOCATION

E61. Call Sign		E66. Phone Number		
NOTE: Please enter the callsign of the contro callsign for which this application is being filed.				
E62. Street Address				
E63. City	E68. County		E67/68. State/Country	E64. Zip Code

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

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THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104–13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.