

**LIST OF ECHOSTAR COMMUNICATIONS CORPORATION'S
FCC LICENSES AND AUTHORIZATIONS (BY SUBSIDIARY)**

SPACE STATIONS

List of EchoStar Satellite Corporation DBS Authorizations

DBS Location	Call Sign/File Number
61.5° W.L. (11 channels)	DBS 88-08; File No. 15-SAT-ML-98; Letter from Regina M. Keeney, Bureau Chief, FCC, to Direct Broadcasting Satellite Corp., 13 FCC Rcd 10395, DA 98-161 (1998)
110° W.L. (1 channel)	File No. SAT-MOD-19990419-00043; <i>EchoStar Satellite Corp.</i>, 15 FCC Rcd. 6727, DA 99-1758 (1999)
119° W.L. (21 channels)	<p>DBS 88-01; File No. 68-SAT-ML-96; Letter from Donald H. Gips, Bureau Chief, FCC, to EchoStar Satellite Corp., 11 FCC Rcd. 16468, DA 96-1983 (Nov. 26, 1996)</p> <p>DBS 88-02; File No. 6-SAT-ML-97; Letter from Donald H. Gips, Bureau Chief, FCC, to EchoStar Satellite Corp., 11 FCC Rcd. 16465, DA 96-1983 (Nov. 26, 1996)</p> <p>File Nos. 70-SAT-MP/ML-98, 71-SAT-MP/ML-98, 72-SAT-MP/ML-98; <i>EchoStar Satellite Corp.</i>, <i>Directsat Corp.</i>, and <i>EchoStar DBS Corp.</i>, 13 FCC Rcd. 8595, DA 98-794 (1998)</p> <p>File Nos. SAT-MOD-19971230-00231, SAT-MOD-19971230-00235; <i>EchoStar Satellite Corp.</i>, 15 FCC Rcd. 23636, DA 00-2383 (2000)</p>
148° W.L. (24 channels)	<p>S2231; File No. 74-SAT-P/L-96; <i>EchoStar DBS Corp.</i>, 12 FCC Rcd. 11946, DA 96-2164 (1996)</p> <p>File Nos. 70-SAT-MP/ML-98, 71-SAT-MP/ML-98, 72-SAT-MP/ML-98; <i>EchoStar Satellite Corp.</i>, <i>Directsat Corp.</i>, and <i>EchoStar DBS Corp.</i>, 13 FCC Rcd. 8595, DA 98-794 (1998)</p>
175° W.L. (22 Channels)	<p>File No. DBS 88-02; <i>Application of Directsat Corp.</i> 8 FCC Rcd. 7962, DA 93-1331 (1993)</p> <p>File No. 88-08; <i>Application of Direct Broadcasting Satellite Corp.</i>, 8 FCC 7959, DA 93-1332 (1993)</p>

List of EchoStar Satellite Corporation FSS Authorizations

FSS Location	Call Sign/File Number
83° W.L. (Ka-Band)	S2178; File No. 167-SAT-P/L-95; <i>EchoStar Satellite Corp.</i>, 13 FCC Rcd. 5664, DA 97-969 (1997)
83° W.L. (Ku-Band)	S2142; FSS-1; File No. 36-DSS-LA-94; <i>EchoStar Satellite Corp.</i>, 11 FCC Rcd. 20446, DA 96-1943 (1996)
121° W.L. (Ka-Band)	S2179; File No. 168-SAT-P/L-95; <i>EchoStar Satellite Corp.</i>, 13 FCC Rcd. 5664, DA 97-969 (1997)
121° W.L. (Ku-Band)	S2143; FSS-2; File No. 37-DSS-LA-94; <i>EchoStar Satellite Corp.</i>, 11 FCC Rcd. 20446, DA 96-1943 (1996)

List of EchoStar 110 Corporation DBS Authorizations

DBS Location	Call Sign/File Number
110° W.L. (28 Channels)	S2232; File No. 73-SAT-P/L-96; <i>In re Application of MCI Telecom. Corp. Assignor, and EchoStar 110 Corp., Assignee</i>, 15 Comm Reg. (P&F) 1035 (1999)

List of EchoStar VisionStar Corporation FSS Authorizations

FSS Location	Call Sign/File Number
113° W.L. (Ka-Band)	S2210; File No. SAT-T/C-20001215-00163; <i>Application of VisionStar, Inc., Licensee, Shant Hovanian, Transferor and EchoStar VisionStar Corp., Transferee, for Consent to Transfer of Control over Authorization to Construct, Launch and Operate a Ka-Band Satellite System in the Fixed-Satellite Service at the 113° W.L. Orbital Location</i>, DA 01-2481, Order and Authorization (rel. Oct. 30, 2001)

EARTH STATIONS

List of EchoStar North America Transmit/Receive Earth Stations

<u>Call Sign</u>	<u>Location</u>	<u>Expiration Date</u>
E890631	Cheyenne, Wyoming	April 4, 2010
E950252*	Cheyenne, Wyoming	June 9, 2005
E950253*	Cheyenne, Wyoming	June 9, 2005
E950287	Cheyenne, Wyoming	October 27, 2005
E950288	Cheyenne, Wyoming	October 27, 2005
E970394	Gilbert, Arizona	March 6, 2008
E980005	Cheyenne, Wyoming	August 1, 2011
E980047	Cheyenne, Wyoming	March 6, 2008
E980081	Cheyenne, Wyoming	August 1, 2011
E980082	Cheyenne, Wyoming	August 1, 2011
E980118	Cheyenne, Wyoming	March 20, 2008
E980127	Cheyenne, Wyoming	July 24, 2008
E980128	Cheyenne, Wyoming	July 24, 2008
E980142	Cheyenne, Wyoming	March 22, 2008
E980143	Cheyenne, Wyoming	June 10, 2008
E980174	Gilbert, Arizona	May 29, 2008
E980178	Gilbert, Arizona	May 29, 2008
E980180	Gilbert, Arizona	May 29, 2008
E990138	Cheyenne, Wyoming	September 21, 2009
E990139	Cheyenne, Wyoming	September 21, 2009
E990309	Cheyenne, Wyoming	September 17, 2009
E990310	Cheyenne, Wyoming	September 21, 2009

* FCC records may show this earth station to be licensed under EchoStar Communications Corporation or EchoStar Licensee Corporation. However, the earth station is properly licensed under EchoStar North America Corporation.

List of EchoStar North America Corporation Receive-Only Earth Stations

<u>Call Sign</u>	<u>Location</u>	<u>Expiration Date</u>
E970395	Gilbert, Arizona	December 12, 2007
E970396	Gilbert, Arizona	December 12, 2007

List of EchoStar Satellite Corporation Transmit/Receive Earth Stations

<u>Call Sign</u>	<u>Location</u>	<u>Expiration Date</u>
E980117	Cheyenne, Wyoming	March 13, 2008
E010240	Gilbert, Arizona	November 2, 2011
E010241	Gilbert, Arizona	November 2, 2011
E010242	Gilbert, Arizona	November 2, 2011

ECHOSTAR EARTH STATION SPECIAL TEMPORARY AUTHORIZATIONS*

EchoStar North America Corporation Earth Station Authorizations
for Special Temporary Authority (1998-Present)

<u>Call Sign</u>	<u>Location</u>	<u>File Number</u>	<u>Exp. Date</u>
E890631	Cheyenne, Wyoming	SES-STA-19991217-02205	Dec. 26, 2000
E890631	Cheyenne, Wyoming	SES-STA-20000224-00332	Aug. 26, 2000
E950288	Cheyenne, Wyoming	SES-STA-19991227-02287	Mar. 19, 2000
E950288	Cheyenne, Wyoming	SES-STA-20000316-00432	Sept. 19, 2000
E980005	Cheyenne, Wyoming	SES-STA-19981005-01492	Apr. 4, 1999
E980005	Cheyenne, Wyoming	SES-STA-19990331-00453	Oct. 4, 1999
E980005	Cheyenne, Wyoming	SES-STA-19990520-00812	Dec. 16, 1999
E980005	Cheyenne, Wyoming	SES-STA-19991004-01775	Apr. 6, 2000
E980005	Cheyenne, Wyoming	SES-STA-19991215-02273	June 16, 2000
E980005	Cheyenne, Wyoming	SES-STA-20000614-00952	Dec. 16, 2000
E980005	Cheyenne, Wyoming	SES-STA-20001117-02183	Apr. 6, 2001
E980005	Cheyenne, Wyoming	SES-STA-20001213-02347	June 16, 2001
E980005	Cheyenne, Wyoming	SES-STA-20010402-00680	Oct. 6, 2001
E980005	Cheyenne, Wyoming	SES-STA-20010605-01046	Dec. 16, 2001**
E980081	Cheyenne, Wyoming	SES-STA-19990120-00105	July 25, 1999
E980081	Cheyenne, Wyoming	SES-STA-19990722-01285	Jan. 25, 2000
E980081	Cheyenne, Wyoming	SES-STA-20000124-00096	July 25, 2000
E980081	Cheyenne, Wyoming	SES-STA-20000720-01182	Jan. 25, 2001
E980081	Cheyenne, Wyoming	SES-STA-20010119-00080	July 25, 2001
E980081	Cheyenne, Wyoming	SES-STA-20010716-01310	Jan. 25, 2002**
E980082	Cheyenne, Wyoming	SES-STA-19990120-00106	July 25, 1999
E980082	Cheyenne, Wyoming	SES-STA-19990722-01286	Jan. 25, 2000
E980082	Cheyenne, Wyoming	SES-STA-20000124-00097	July 25, 2000
E980082	Cheyenne, Wyoming	SES-STA-20000720-01183	Jan. 25, 2001
E980082	Cheyenne, Wyoming	SES-STA-20010119-00081	July 25, 2001
E980082	Cheyenne, Wyoming	SES-STA-20010716-01311	Jan. 25, 2002**
E980118	Cheyenne, Wyoming	SES-STA-20011114-02149	System Entry
E980143	Cheyenne, Wyoming	SES-STA-19990525-00813	Dec. 16, 1999
E980143	Cheyenne, Wyoming	SES-STA-19991215-02274	June 16, 2000

* Although EchoStar Satellite Corporation was granted STAs by the FCC prior to 1998, this list only covers those STAs granted after January 1, 1998. All entries in bold are currently in effect or pending before the Federal Communications Commission.

** On August, 1, 2001, the FCC's International Bureau, Satellite and Radiocommunication Division, granted EchoStar North America Corporation permanent authority to construct and operate the following three transmit/receive earth stations (E980005, E980081 and E980082). See *Application of EchoStar North America Corp.*, Order and Authorization, DA 01-609 (2001).

E990138	Cheyenne, Wyoming	SES-STA-19990520-00811	Dec. 16, 1999
E990138	Cheyenne, Wyoming	SES-STA-19991215-02275	June 16, 2000
E990139	Cheyenne, Wyoming	SES-STA-19990520-00809	Dec. 16, 1999
E990139	Cheyenne, Wyoming	SES-STA-19991215-02276	June 6, 2000
E990309	Cheyenne, Wyoming	SES-STA-19990701-01125	Jan. 25, 2000
E990310	Cheyenne, Wyoming	SES-STA-19990701-01126	Jan. 25, 2000

**EchoStar Satellite Corporation Earth Station Authorizations
for Special Temporary Authority (1998-Present)**

<u>Call Sign</u>	<u>Location</u>	<u>File Number</u>	<u>Exp. Date</u>
E010240	Gilbert, Arizona	SES-STA-20010925-01823	Nov. 28, 2001
E010242	Gilbert, Arizona	SES-STA-20010925-01824	Nov. 28, 2001

* Although EchoStar Satellite Corporation was granted STAs by the FCC prior to 1998, this list only covers those STAs granted after January 1, 1998. All entries in bold are currently in effect or pending before the Federal Communications Commission.

ECHOSTAR SPACE STATION SPECIAL TEMPORARY AUTHORIZATIONS*

**EchoStar Satellite Corporation Space Station Authorizations
for Special Temporary Authority (1998-Present)**

<u>Call Sign</u>	<u>Location</u>	<u>File Number</u>	<u>Date Granted/ Status</u>
DBS 88-08	61.5° W.L.	SAT-STA-19990907-00089	System Entry
DBS 88-08	61.5° W.L.	SAT-STA-20000308-00066	System Entry
DBS 88-08	61.5° W.L.	SAT-STA-20010226-00024	System Entry
DBS 88-08	61.5° W.L.	SAT-STA-20010820-00076	System Entry
	110° W.L.	SAT-STA-19990520-00055	June 16, 1999
	110° W.L.	SAT-STA-19990824-00085	Sept. 21, 1999
	110° W.L.	SAT-STA-19991006-00102	System Entry
	110°, 127° or 128° W.L.	SAT-STA-19980317-00020	Apr. 27, 1998
	110°, 119° or 148° W.L.	SAT-STA-19980715-00059	July 15, 1998
DBS 88-01	119° W.L.	SAT-STA-19980505-00042	System Entry
	119° W.L.	SAT-STA-19991217-00132	Jan. 14, 2000
	119° W.L.	SAT-STA-20000712-00113	System Entry
DBS 88-01	119° W.L.	SAT-STA-20000802-00117	Aug. 10, 2000
	119° W.L.	SAT-STA-20010104-00003	System Entry
	119° W.L.	SAT-STA-20010626-00060	System Entry
	129° W.L.	SAT-STA-20010525-00047	System Entry
	148° W.L.	SAT-STA-19980722-00060	Aug. 21, 1998
	148° W.L.	SAT-STA-19990209-00020	Feb. 19, 1999
	148° W.L.	SAT-STA-19990812-00079	System Entry
	148° W.L.	SAT-STA-20000217-00060	System Entry
DBS 88-01	148° W.L.	SAT-STA-20000614-00104	June 26, 2000

**EchoStar Satellite Corporation Pending Space Station Authorizations
for Special Temporary Authority**

<u>Call Sign</u>	<u>Location</u>	<u>File Number</u>	<u>Filing Date</u>
S2231	148° W.L.	SAT-STA-20011025-00091	Public Notice

* Although EchoStar Satellite Corporation was granted STAs by the FCC prior to 1998, this list only covers those STAs granted after January 1, 1998. All entries in bold are currently in effect or pending before the Federal Communications Commission.

Attachment C

DIRECTV Enterprises, LLC*

Licensee*	Type of Authorization	Call Sign/File Number	Location/Station Type/Description	Frequency	US/Non-US
1. DIRECTV Enterprises, LLC	Earth Station	E950423	Fixed, Receive Only	C-band	US
2. DIRECTV Enterprises, LLC	Earth Station	E950424	Fixed, Receive Only	C-band	US
3. DIRECTV Enterprises, LLC	Earth Station	E980170	Fixed, Receive Only	C-band	US
4. DIRECTV Enterprises, LLC	Earth Station	E980341	Fixed, Receive Only	C-band	US
5. DIRECTV Enterprises, LLC	Earth Station	E930229†	Fixed, Transmit Only	Ku-band	US
6. DIRECTV Enterprises, LLC	Earth Station	E930304†	Fixed, Transmit Only	Ku-band	US
7. DIRECTV Enterprises, LLC	Earth Station	E930191	Fixed, Transmit/Receive	Ku-band; 17.3-17.8 GHz	US
8. DIRECTV Enterprises, LLC	Earth Station	E980285	Fixed, Transmit/Receive	Ku-band	US
9. DIRECTV Enterprises, LLC	Earth Station	E980338	Fixed, Transmit/Receive	Ku-band	US
10. DIRECTV Enterprises, LLC	Earth Station	E980340	Fixed, Transmit/Receive	Ku-band; 17.3-17.8 GHz	US
11. DIRECTV Enterprises, LLC	Earth Station	E980473	Fixed, Transmit/Receive	C-band	US

* Contemporaneously with this Application, DIRECTV Enterprises, LLC is filing an application requesting Commission consent to the *pro forma* assignment of this license from Hughes Communications Satellite Services, Inc. to DIRECTV Enterprises, LLC. This *pro forma* assignment of license is not contingent upon the transactions that are the subject of this Application.

* Contemporaneously with this Application, DIRECTV Enterprises, LLC is filing an application requesting Commission consent to the *pro forma* assignment of the licenses held by DIRECTV Enterprises, Inc. from that entity to DIRECTV Enterprises, LLC. This *pro forma* assignment of licenses is not contingent upon the transactions that are the subject of this Application.

Attachment C

DIRECTV Enterprises, LLC*

Licensee*	Type of Authorization	Call Sign/File Number	Location/Station Type/Description	Frequency	US/Non-US
12. DIRECTV Enterprises, LLC	Earth Station	E990159	Fixed, Transmit/Receive	Ku-band; 17.3-17.8 GHz	US
13. DIRECTV Enterprises, LLC	Earth Station	E950349†	Fixed, Transmit/Receive	Ku-band	US
14. DIRECTV Enterprises, LLC	Earth Station	E010129	Fixed, Transmit/Receive	Ku-band; 17.3-17.8 GHz	US
15. DIRECTV Enterprises, LLC	Earth Station	E010130	Fixed, Transmit/Receive	Ku-band; 17.3-17.8 GHz	US
16. DIRECTV Enterprises, LLC	Earth Station	E990545	Temporary Fixed, Transmit/Receive	Ku-band	US
17. DIRECTV Enterprises, LLC	Space Station	DBS8402 (DIRECTV 2 f/k/a DBS-2)	100.8° WL	Ku-band; 17.3-17.8 GHz	N/A
18. DIRECTV Enterprises, LLC	Space Station	DBS8402 (DIRECTV 3 f/k/a DBS-2A)	100.85° WL	Ku-band; 17.3-17.8 GHz	N/A
19. DIRECTV Enterprises, LLC	Space Station	S2430(DIRECTV 4S)	101° W.L.	Ku-band; 17.3-17.8 GHz	N/A
20. DIRECTV Enterprises, LLC	Space Station	S2369 (DIRECTV 1R f/k/a DBS-1R)‡	101.2° WL	Ku-band; 17.3-17.8 GHz	N/A

† The licensee listed in the Commission's IBFS database for this authorization is incorrect. PanAmSat Corporation, the correct licensee, has filed a request with the Commission to correct the IBFS database. In addition, contemporaneously with this Application, DIRECTV Enterprises, LLC is filing an application requesting Commission consent to the *pro forma* assignment of this license from PanAmSat Corporation to DIRECTV Enterprises, LLC. This *pro forma* assignment of license is not contingent upon the transactions that are the subject of this Application.

* Contemporaneously with this Application, DIRECTV Enterprises, LLC is filing an application requesting Commission consent to the *pro forma* assignment of the licenses held by DIRECTV Enterprises, Inc. from that entity to DIRECTV Enterprises, LLC. This *pro forma* assignment of licenses is not contingent upon the transactions that are the subject of this Application.

Attachment C

DIRECTV Enterprises, LLC*

Licensee*	Type of Authorization	Call Sign/File Number	Location/Station Type/Description	Frequency	US/Non-US
21. DIRECTV Enterprises, LLC	Space Station	DBS8402 (DIRECTV 1 f/k/a DBS-1)	109.8° WL	Ku-band; 17.3-17.8 GHz	N/A
22. DIRECTV Enterprises, LLC	Space Station	DBS8804 (DIRECTV 6 f/k/a Tempo 2)	118.8° WL	Ku-band; 17.3-17.8 GHz	N/A
23. DIRECTV Enterprises, LLC	Space Station	S2417 (DIRECTV 5 f/k/a Tempo 1)	118.8° WL	Ku-band; 17.3-17.8 GHz	N/A

‡ The Commission's IBFS database incorrectly lists DIRECTV, Inc. as the licensee of this space station. See *In the Matter of DIRECTV Enterprises, Inc.*, DA 99-1524 (rel. August 2, 1999). DIRECTV Enterprises has filed a request with the Commission to correct the IBFS database.

* Contemporaneously with this Application, DIRECTV Enterprises, LLC is filing an application requesting Commission consent to the *pro forma* assignment of the licenses held by DIRECTV Enterprises, Inc. from that entity to DIRECTV Enterprises, LLC. This *pro forma* assignment of licenses is not contingent upon the transactions that are the subject of this Application.

Attachment C

DIRECTV Latin America, LLC*

Licensee	Type of Authorization	Call Sign	Station Type	Frequency	US/Non-US
1. DIRECTV Latin America, LLC*	Earth Station	E990232	Fixed, Transmit/Receive	Ku-band	US

* The Commission's IBFS database incorrectly lists DIRECTV Galaxy Latin America as the licensee of this authorization. The correct licensee is DIRECTV Latin America, LLC. DIRECTV Latin America has filed a request with the Commission to update the IBFS database.

Attachment C

HOT Telecommunications, Limited

Licensee	Type of Authorization	Call Sign	Station Type	Frequency	US/Non-US
1. Hot Telecommunications, Limited	Earth Station	E000362	Fixed, Transmit/Receive	C-band	US
2. Hot Telecommunications, Limited	Earth Station	E010187	Fixed, Transmit/Receive	C-band	US

Attachment C

Hughes Communications Satellite Services, Inc.

Licensee	Type of Authorization	Call Sign	Station Type	Frequency	US/Non-US
1. Hughes Communications Satellite Services, Inc.	Earth Station	E4723	Fixed, Receive Only	C-band	US
2. Hughes Communications Satellite Services, Inc.	Earth Station	E960001	Fixed, Receive Only	C-band	US
3. Hughes Communications Satellite Services, Inc.	Earth Station	E970079	Fixed, Receive Only	C-band	US
4. Hughes Communications Satellite Services, Inc.	Earth Station	E970094	Fixed, Receive Only	C-band	US
5. Hughes Communications Satellite Services, Inc.	Wireless	WPKJ833	IG -- Industrial/Business Pool, Conventional		

Attachment C

Hughes Electronics Corporation

Licensee	Type of Authorization	Call Sign/File Number	Station Type/Description	Frequency	US/Non-US
1. Hughes Electronics Corporation	Wireless	21AM	AC -- Aircraft		
2. Hughes Electronics Corporation	Wireless	21AX	AC -- Aircraft		
3. Hughes Electronics Corporation	Wireless	KE2356	IG -- Industrial/Business Pool, Conventional		
4. Hughes Electronics Corporation	Wireless	KE4524	IG -- Industrial/Business Pool, Conventional		
5. Hughes Electronics Corporation	Wireless	KXU919	IG -- Industrial/Business Pool, Conventional		
6. Hughes Electronics Corporation	Wireless	WNIR536	IG -- Industrial/Business Pool, Conventional		
7. Hughes Electronics Corporation	Wireless	WNIU649	IG -- Industrial/Business Pool, Conventional		
8. Hughes Electronics Corporation	Wireless	WNEP883	MG -- Microwave Industrial/Business Pool		
9. Hughes Electronics Corporation	Wireless	WNEU909	MG -- Microwave Industrial/Business Pool		

Attachment C

Hughes Global Services, Inc.

Licensee	Type of Authorization	Call Sign	Location/Station Type/Description	Frequency	US/Non-US
1. Hughes Global Services, Inc.	Space Station	KS39 (SBS-4)	77° WL (STA)	Ku-band	N/A
2. Hughes Global Services, Inc.	Earth Station	E990024	Fixed, Transmit/Receive	Ku-band	US
3. Hughes Global Services, Inc.	Earth Station	E990055	Temporary Fixed, Transmit/Receive	Ku-band	US

Attachment C

Hughes Network Systems, Inc.*

Licensee*	Type of Authorization	Call Sign/File Number	Location/Description	Frequency	US/Non-US
1. Hughes Network Systems, Inc.	Earth Station	E880970	Fixed, Transmit/Receive	Ku-band	US
2. Hughes Network Systems, Inc.	Earth Station	E881109	Fixed, Transmit/Receive	Ku-band	US
3. Hughes Network Systems, Inc.	Earth Station	E890425	Fixed, Transmit/Receive	Ku-band	US
4. Hughes Network Systems, Inc.	Earth Station	E890627	Fixed, Transmit/Receive	Ku-band	US
5. Hughes Network Systems, Inc.	Earth Station	E900013	Fixed, Transmit/Receive	Ku-band	US
6. Hughes Network Systems, Inc.	Earth Station	E910612	Fixed, Transmit/Receive	Ku-band	US
7. Hughes Network Systems, Inc.	Earth Station	E920556	Fixed, Transmit/Receive	C-band	US
8. Hughes Network Systems, Inc.	Earth Station	E940460	Fixed, Transmit/Receive	Ku-band	US
9. Hughes Network Systems, Inc.	Earth Station	E940478	Fixed, Transmit/Receive	C-band	US
10. Hughes Network Systems, Inc.	Earth Station	SES-STA-20011107-02083	Transmit/Receive Earth Station Testing STA	20/30 GHz	US
11. Hughes Network Systems, Inc.	Earth Station	E861092	Temporary Fixed, Transmit/Receive	Ku-band	US
12. Hughes Network Systems, Inc.	Earth Station	E873438	Temporary Fixed, Transmit/Receive	Ku-band	US
13. Hughes Network Systems, Inc.	Earth Station	E000166	VSAT	Ku-band	Non-US
14. Hughes Network Systems, Inc.	Earth Station	E880787	VSAT	Ku-band	US
15. Hughes Network Systems, Inc.	Earth Station	E880788	VSAT	Ku-band	US
16. Hughes Network Systems, Inc.	Earth Station	E880789	VSAT	Ku-band	US
17. Hughes Network Systems, Inc.	Earth Station	E881110	VSAT	Ku-band	US

* Contemporaneously with this Application, Hughes Network Systems, Inc. is filing an application requesting Commission consent to the *pro forma* assignment of the licenses listed in this table from various Hughes-related entities to Hughes Network Systems, Inc. This *pro forma* assignment of licenses is not contingent upon the transactions that are the subject of this Application.

Attachment C

Hughes Network Systems, Inc.*

Licensee*	Type of Authorization	Call Sign/File Number	Location/Description	Frequency	US/Non-US
18. Hughes Network Systems, Inc.	Earth Station	E881111	VSAT	Ku-band	US
19. Hughes Network Systems, Inc.	Earth Station	E881112	VSAT	Ku-band	US
20. Hughes Network Systems, Inc.	Earth Station	E890426	VSAT	Ku-band	US
21. Hughes Network Systems, Inc.	Earth Station	E890427	VSAT	Ku-band	US
22. Hughes Network Systems, Inc.	Earth Station	E890428	VSAT	Ku-band	US
23. Hughes Network Systems, Inc.	Earth Station	E890628	VSAT	Ku-band	US
24. Hughes Network Systems, Inc.	Earth Station	E890629	VSAT	Ku-band	US
25. Hughes Network Systems, Inc.	Earth Station	E890630	VSAT	Ku-band	US
26. Hughes Network Systems, Inc.	Earth Station	E891001	VSAT	Ku-band	US
27. Hughes Network Systems, Inc.	Earth Station	E891002	VSAT	Ku-band	US
28. Hughes Network Systems, Inc.	Earth Station	E900192	VSAT	Ku-band	US
29. Hughes Network Systems, Inc.	Earth Station	E900682	VSAT	Ku-band	US
30. Hughes Network Systems, Inc.	Earth Station	E940455	VSAT	Ku-band	US
31. Hughes Network Systems, Inc.	Earth Station	E950471	VSAT	Ku-band	US
32. Hughes Network Systems, Inc.	Earth Station	E950472	VSAT	Ku-band	US
33. Hughes Network Systems, Inc.	Earth Station	E950473	VSAT	Ku-band	US
34. Hughes Network Systems, Inc.	Earth Station	E990170	VSAT	Ku-band	US
35. Hughes Network Systems, Inc.	Earth Station	E970067	VSAT	Ku-band	US
36. Hughes Network Systems, Inc.	Earth Station	E000166	VSAT -- STA granted to operate at modified parameters		
37. Hughes Network Systems, Inc.	Earth Station	E970067	VSAT -- STA granted to operate at modified parameters		
38. Hughes Network Systems, Inc.	Space Station	S2187	101° EL	20/30 GHz	N/A
39. Hughes Network Systems, Inc.	Space Station	S2132	101° WL	20/30 GHz	N/A
40. Hughes Network Systems, Inc.	Space Station	S2341	103° EL	20/30 GHz	N/A
41. Hughes Network Systems, Inc.	Space Station	S2188	111° EL	20/30 GHz	N/A
42. Hughes Network Systems, Inc.	Space Station	S2338	131° WL	20/30 GHz	N/A

* Contemporaneously with this Application, Hughes Network Systems, Inc. is filing an application requesting Commission consent to the *pro forma* assignment of the licenses listed in this table from various Hughes-related entities to Hughes Network Systems, Inc. This *pro forma* assignment of licenses is not contingent upon the transactions that are the subject of this Application.

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Hughes Network Systems, Inc.*

Licensee*	Type of Authorization	Call Sign/File Number	Location/Description	Frequency	US/Non-US
43. Hughes Network Systems, Inc.	Space Station	S2189	164° EL	20/30 GHz	N/A
44. Hughes Network Systems, Inc.	Space Station	S2190	25° EL	20/30 GHz	N/A
45. Hughes Network Systems, Inc.	Space Station	S2339	26.2° WL	20/30 GHz	N/A
46. Hughes Network Systems, Inc.	Space Station	S2185	49° WL	20/30 GHz	N/A
47. Hughes Network Systems, Inc.	Space Station	S2186	54° EL	20/30 GHz	N/A
48. Hughes Network Systems, Inc.	Space Station	S2340	7.5° WL	20/30 GHz	N/A
49. Hughes Network Systems, Inc.	Space Station	S2133	99° WL	20/30 GHz	N/A
50. Hughes Network Systems, Inc.	Experimental	WB2XIX	Experimental STA	1545-1559 MHz/ 16-46.5- 1660.5 MHz	
51. Hughes Network Systems, Inc.	Wireless	WPLT306	IG - Industrial/Business Pool, Conventional		

* Contemporaneously with this Application, Hughes Network Systems, Inc. is filing an application requesting Commission consent to the *pro forma* assignment of the licenses listed in this table from various Hughes-related entities to Hughes Network Systems, Inc. This *pro forma* assignment of licenses is not contingent upon the transactions that are the subject of this Application.

Attachment C

PanAmSat Carrier Services, Inc.

Licensee	Type of Authorization	File Number	Location/Route	Frequency	US/Non-US
1. PanAmSat Carrier Services, Inc.	Section 214 Authorization	ITC-214-19980102-00004/ITC-98-052; FCN-NEW-20000515-00033	Global facilities-based and global resale services		
2. PanAmSat Carrier Services, Inc.	Section 214 Authorization	I-T-C-93-236	International private line services and public switched services between various international points and the United States via the PAS-1 satellite		

Attachment C

PanAmSat Communications Carrier Services, Inc.*

Licensee	Type of Authorization	Call Sign/File Number	Location/Route	Frequency	US/Non-US
1. PanAmSat Communications Carrier Services, Inc.	Earth Station	KA71**	Fixed, Transmit/Receive	C-band	US
2. PanAmSat Communications Carrier Services, Inc.	Section 214 Authorization	I-T-C-85-221	United States and all points served by the Atlantic and Pacific Ocean region Intelsat communications satellites		
3. PanAmSat Communications Carrier Services, Inc.	Section 214 Authorization	I-T-C-85-069	Various U.S. earth stations including Fillmore, California and various INTELSAT Atlantic and Pacific Ocean region satellites for provision of IBS services		

* Formerly Hughes Communications Carrier Services, Inc.

** Denotes common carrier basis.

Attachment C

PanAmSat Communications Services, Inc.*

Licensee	Type of Authorization	Call Sign	Location	Frequency	US/Non-US
PanAmSat Communications Services, Inc.	Earth Station	E5702	Fixed, Transmit/Receive	X-band 7970.0000- 7990.0000/ 7250.0000- 7270.0000	US

1.

* Formerly Hughes Communications Services, Inc.

Attachment C

PanAmSat Corporation

Licensee	Type of Authorization	Call Sign/File Number	Location/Station Type/Description	Frequency	US/Non-US
1. PanAmSat Corporation	Earth Station	E970080 [†]	Fixed, Receive Only	Ku-band	US
2. PanAmSat Corporation	Earth Station	E970051	Fixed, Transmit Only	Ku-band	US
3. PanAmSat Corporation	Earth Station	E000063	Fixed, Transmit/Receive	Ku-band	Non-US
4. PanAmSat Corporation	Earth Station	E000363	Fixed, Transmit/Receive	C-band	US
5. PanAmSat Corporation	Earth Station	E010113	Fixed, Transmit/Receive	C-band	US
6. PanAmSat Corporation	Earth Station	E010131	Fixed, Transmit/Receive	Ku-band	US
7. PanAmSat Corporation	Earth Station	E010133	Fixed, Transmit/Receive	Ku-band	US
8. PanAmSat Corporation	Earth Station	E4132	Fixed, Transmit/Receive	C-band	US
9. PanAmSat Corporation	Earth Station	E900089	Fixed, Transmit/Receive	C-band	US
10. PanAmSat Corporation	Earth Station	E920340 ‡	Fixed, Transmit/Receive	C-band	US
11. PanAmSat Corporation	Earth Station	E920377	Fixed, Transmit/Receive	C-band	US
12. PanAmSat Corporation	Earth Station	E930088 ‡	Fixed, Transmit/Receive	C-band	US
13. PanAmSat Corporation	Earth Station	E940368 ‡	Fixed, Transmit/Receive	Ku-band	US
14. PanAmSat Corporation	Earth Station	E950502 ‡	Fixed, Transmit/Receive	C-band	US
15. PanAmSat Corporation	Earth Station	E950508 ‡	Fixed, Transmit/Receive	C-band	US
16. PanAmSat Corporation	Earth Station	E980501	Fixed, Transmit/Receive	Ku-band	US
17. PanAmSat Corporation	Earth Station	E980503	Fixed, Transmit/Receive	Ku-band	US

[†] Contemporaneously with this Application, PanAmSat Corporation is filing a notification of the *pro forma* assignment of this receive only registration from Hughes Communications Satellite Services, Inc. to PanAmSat Corporation.

[‡] The licensee listed in the Commission's IBFS database for this authorization is incorrect. PanAmSat Corporation has filed a request with the Commission to correct the IBFS database.

Attachment C

PanAmSat Corporation

Licensee	Type of Authorization	Call Sign/File Number	Location/Station Type/Description	Frequency	US/Non-US
PanAmSat Corporation	Earth Station	E990091	Transmit/Receive Fixed, Transmit/Receive	C-band	US
PanAmSat Corporation	Earth Station	E990323	Transmit/Receive	Ku-band; 17.3-17.8 GHz	US
PanAmSat Corporation	Earth Station	E990334	Fixed, Transmit/Receive	C-band	US
PanAmSat Corporation	Earth Station	E990364	Fixed, Transmit/Receive	Ku-band	US
PanAmSat Corporation	Earth Station	E990365	Fixed, Transmit/Receive	Ku-band	US
PanAmSat Corporation	Earth Station	E2178 †	Fixed, Transmit/Receive	C-band	US
PanAmSat Corporation	Earth Station	E3943* ‡	Fixed, Transmit/Receive	C-band	US
PanAmSat Corporation	Earth Station	E860175* ‡	Fixed, Transmit/Receive	C-band	US
PanAmSat Corporation	Earth Station	E881304*	Fixed, Transmit/Receive	C-band	US
PanAmSat Corporation	Earth Station	E900621*	Fixed, Transmit/Receive	Ku-band	US
PanAmSat Corporation	Earth Station	E900757*	Fixed, Transmit/Receive	C-band	US
PanAmSat Corporation	Earth Station	KL92*	Fixed, Transmit/Receive	Ku-band	US
PanAmSat Corporation	Earth Station	E000063	STA to operate under modified parameters		
PanAmSat Corporation	Space Station	S2191 (1st round Ka-Band)	103° WL	Ka-band	N/A
PanAmSat Corporation	Space Station	S2427 (1st round Ka-Band)	124.5° EL	Ka-band	N/A
PanAmSat Corporation	Space Station	S2223 (2d round Ka-band)	133° WL	Ka-band	N/A

* Denotes common carrier basis.

‡ The licensee listed in the Commission's IBFS database for this authorization is incorrect. PanAmSat Corporation has filed a request with the Commission to correct the IBFS database.

Attachment C

PanAmSat Corporation

Licensee	Type of Authorization	Call Sign/File Number	Location/Station Type/Description	Frequency	US/Non-US
34. PanAmSat Corporation	Space Station	S2428 (1st round Ka-Band)	149° EL	Ka-band	N/A
35. PanAmSat Corporation	Space Station	S2224 (2d round Ka-band)	166° EL	Ka-band	N/A
36. PanAmSat Corporation	Space Station	S2429 (1st round Ka-Band)	173° EL	Ka-band	N/A
37. PanAmSat Corporation	Space Station	S2192 (1st round Ka-Band)	36° EL	Ka-band	N/A
38. PanAmSat Corporation	Space Station	S2425 (1st round Ka-Band)	40° EL	Ka-band	N/A
39. PanAmSat Corporation	Space Station	S2221 (2d round Ka-band)	45° WL	Ka-band	N/A
40. PanAmSat Corporation	Space Station	S2426 (1st round Ka-Band)	48° EL	Ka-band	N/A
41. PanAmSat Corporation	Space Station	S2220 (2d round Ka-band)	58° WL	Ka-band	N/A
42. PanAmSat Corporation	Space Station	S2225 (2d round Ka-band)	68.5° EL	Ka-band	N/A
43. PanAmSat Corporation	Space Station	S2226 (2d round Ka-band)	72.7° EL	Ka-band	N/A

Attachment C

PanAmSat Licensee Corp.

	Licensee	Type of Authorization	Call Sign/File Number	Location/Station Type/Description	Frequency	US/Non-US
1.	PanAmSat Licensee Corp.	Earth Station	E950067	Fixed, Transmit Only	C-band	US
2.	PanAmSat Licensee Corp.	Earth Station	E000048	Fixed, Transmit/Receive	Ku-band	US
3.	PanAmSat Licensee Corp.	Earth Station	E000049	Fixed, Transmit/Receive	Ku-band	US
4.	PanAmSat Licensee Corp.	Earth Station	E000274	Fixed, Transmit/Receive	Ku-band	US
5.	PanAmSat Licensee Corp.	Earth Station	E000364	Fixed, Transmit/Receive	Ku-band	US
6.	PanAmSat Licensee Corp.	Earth Station	E000488	Fixed, Transmit/Receive	C-band	US
7.	PanAmSat Licensee Corp.	Earth Station	E010019	Fixed, Transmit/Receive	Ku-band	US
8.	PanAmSat Licensee Corp.	Earth Station	E010112	Fixed, Transmit/Receive	Ku-band/ 17.3-17.8 GHz	US
9.	PanAmSat Licensee Corp.	Earth Station	E7465	Fixed, Transmit/Receive	C-band	US
10.	PanAmSat Licensee Corp.	Earth Station	E881286	Fixed, Transmit/Receive	Ku-band	US
11.	PanAmSat Licensee Corp.	Earth Station	E890530	Fixed, Transmit/Receive	C-band	US
12.	PanAmSat Licensee Corp.	Earth Station	E940333	Fixed, Transmit/Receive	C-band	US
13.	PanAmSat Licensee Corp.	Earth Station	E940532	Fixed, Transmit/Receive	Ku-band	US
14.	PanAmSat Licensee Corp.	Earth Station	E950267	Fixed, Transmit/Receive	C-band	US
15.	PanAmSat Licensee Corp.	Earth Station	E950307	Fixed, Transmit/Receive	C-band	US

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PanAmSat Licensee Corp.

Licensee	Type of Authorization	Call Sign/File Number	Location/Station Type/Description	Frequency	US/Non-US
16. PanAmSat Licensee Corp.	Earth Station	E970352	Fixed, Transmit/Receive	C-band	US
17. PanAmSat Licensee Corp.	Earth Station	E970391	Fixed, Transmit/Receive	C-band	US/Non-US
18. PanAmSat Licensee Corp.	Earth Station	E970392	Fixed, Transmit/Receive	C-band	US
19. PanAmSat Licensee Corp.	Earth Station	E980460	Fixed, Transmit/Receive	Ku-band	US
20. PanAmSat Licensee Corp.	Earth Station	E980467	Fixed, Transmit/Receive	C-band	US
21. PanAmSat Licensee Corp.	Earth Station	E980502	Fixed, Transmit/Receive	Ku-band	US
22. PanAmSat Licensee Corp.	Earth Station	E990092	Fixed, Transmit/Receive	Ku-band	US
23. PanAmSat Licensee Corp.	Earth Station	E990093	Fixed, Transmit/Receive	C-band	US
24. PanAmSat Licensee Corp.	Earth Station	E990214	Fixed, Transmit/Receive	Ku-band	US/Non-US
25. PanAmSat Licensee Corp.	Earth Station	E990223	Fixed, Transmit/Receive	Ku-band	US/Non-US
26. PanAmSat Licensee Corp.	Earth Station	E990224	Fixed, Transmit/Receive	Ku-band	US
27. PanAmSat Licensee Corp.	Earth Station	E990363	Fixed, Transmit/Receive	Ku-band	US
28. PanAmSat Licensee Corp.	Earth Station	E990433	Fixed, Transmit/Receive	Ku-band	US
29. PanAmSat Licensee Corp.	Earth Station	KA244	Fixed, Transmit/Receive	Ku-band	US
30. PanAmSat Licensee Corp.	Earth Station	KA245	Fixed, Transmit/Receive	C-band	US
31. PanAmSat Licensee Corp.	Earth Station	KA391	Fixed, Transmit/Receive	C-band	US

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PanAmSat Licensee Corp.

Licensee	Type of Authorization	Call Sign/File Number	Location/Station Type/Description	Frequency	US/Non-US
32. PanAmSat Licensee Corp.	Earth Station	KA450	Fixed, Transmit/Receive	Ku-band	US/Non-US
33. PanAmSat Licensee Corp.	Earth Station	E950267	STA to operate under modified parameters		
34. PanAmSat Licensee Corp.	Earth Station	E980460	STA to operate under modified parameters		
35. PanAmSat Licensee Corp.	Earth Station	E010118	Temporary Fixed, Transmit/Receive	Ku-band	US
36. PanAmSat Licensee Corp.	Space Station	PAS-7	72° EL	C/Ku Band	N/A
37. PanAmSat Licensee Corp.	Space Station	PAS-9	155.5° WL (STA)	C/Ku Band	N/A
38. PanAmSat Licensee Corp.	Space Station	CS91004 (a/k/a PAS-5)	166° EL	C/Ku Band	N/A
39. PanAmSat Licensee Corp.	Space Station	PAS-4	169° EL	C/Ku Band	N/A
40. PanAmSat Licensee Corp.	Space Station	PAS-2R	43° WL	C/Ku Band	N/A
41. PanAmSat Licensee Corp.	Space Station	S2359 (a/k/a PAS-8B)	43° WL	Ku Band	N/A
42. PanAmSat Licensee Corp.	Space Station	S2368 (a/k/a PAS-1R)	45° WL	C/Ku Band	N/A
43. PanAmSat Licensee Corp.	Space Station	S2380 (a/k/a PAS-23)	58° WL	C/Ku Band	N/A
44. PanAmSat Licensee Corp.	Space Station	PAS-6	68.5° EL (STA for 72°)	C/Ku Band(STA for Ku only)	N/A
45. PanAmSat Licensee Corp.	Space Station	S2229 (a/k/a PAS-21)	68.5° EL (STA)	C/Ku Band	N/A
46. PanAmSat Licensee Corp.	Space Station	S2382 (a/k/a PAS-24)	68.5° EL	C/Ku Band	N/A

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PanAmSat Licensee Corp.

Licensee	Type of Authorization	Call Sign/File Number	Location/Station Type/Description	Frequency	US/Non-US
47. PanAmSat Licensee Corp.	Space Station	PAS-5	STA to operate in accordance with amended parameters		N/A
48. PanAmSat Licensee Corp.*	Space Station	S2378 (Galaxy X-R)	123° WL	C/Ku-band	N/A
49. PanAmSat Licensee Corp.*	Space Station	Galaxy V	125° WL	C-band	N/A
50. PanAmSat Licensee Corp.*	Space Station	Galaxy IX	127° WL	C-band	N/A
51. PanAmSat Licensee Corp.*	Space Station	Galaxy I-R(S)	133° WL	C-band	N/A
52. PanAmSat Licensee Corp.*	Space Station	PAS-22 (a/k/a HGS-1)	60° WL (STA)	C/Ku-band	N/A
53. PanAmSat Licensee Corp.*	Space Station	Galaxy VI	74° WL	C-band	N/A
54. PanAmSat Licensee Corp.*	Space Station	SBS-6	74° WL	Ku-band	N/A
55. PanAmSat Licensee Corp.*	Space Station	Brazil (Brazilsat)	79° WL (STA for 144° WL)	C-band	N/A
56. PanAmSat Licensee Corp.*	Space Station	S2253 (Galaxy XI)	91° WL	C/Ku-band	N/A
57. PanAmSat Licensee Corp.*	Space Station	Galaxy III-R (a/k/a Galaxy III-H)	95° WL	C/Ku-band	N/A
58. PanAmSat Licensee Corp.*	Space Station	Galaxy VIII-i	95° WL	Ku-band	N/A
59. PanAmSat Licensee Corp.*	Space Station	S2377 (Galaxy IV-R)	99° WL	C/Ku-band	N/A
60. PanAmSat Licensee Corp.*	Space Station	S2102 (Galaxy VII-H)	125° WL	C/Ku-band	N/A
61. PanAmSat Licensee Corp.	Space Station	S2102 (Galaxy VII-H)	STA to begin TT&C communications for the purpose of de-orbiting the satellite		N/A

* Contemporaneously with this Application, PanAmSat Licensee Corp. is filing an application requesting Commission consent to the *pro forma* assignment of the indicated licenses from PanAmSat Corporation to PanAmSat Licensee Corp. This *pro forma* assignment of licenses is not contingent upon the transactions that are the subject of this Application.

Attachment C

USSB II, Inc.

Licensee	Type of Authorization	Call Sign/File Number	Location/Station Type/Description	Frequency	US/Non-US
1. USSB II, Inc.*	Earth Station	E930437	Fixed, Receive Only	C-band	US
2. USSB II, Inc.*	Earth Station	E930485	Fixed, Transmit/Receive	Ku-band; 17.3-17.8 GHz	US
3. USSB II, Inc.	Space Station	DBS-81-07	101° WL	Ku-band; 17.3-17.8 GHz	N/A
4. USSB II, Inc.	Space Station	DBS-81-07	110° WL	Ku-band; 17.3-17.8 GHz	N/A

* The licensee listed in the Commission's IBFS database for this authorization is incorrect. USSB II, Inc. has filed a request with the Commission to correct the IBFS database.