

E_TSUM Requested by: JOHN.CLI		Date: 27.08.2020 2:46:03 PM		DB: PELICAN TD API (AUG-27~)		Plan Id.:		Notice type: NONGEO		
A	A1a Sat. Network PELICAN		A1f1 Notif. adm. USA		A1f3 Inter. sat. org.		BR1 Date of receipt 17.05.2019		BR20 BR IFIC no.	
BR6a/BR6b Id. no.		1		BR3a Provision reference 9.1/IA		BR2 Adm. serial no.				

Résumé / Summary / Resumen

Article 9, sous-section IA / Article 9, sub-section IA / Artículo 9, sub-sección IA
 第9条第1A分节 / Статья 9, подраздел IA / المادة 9، القسم الفرعي IA

B1a Beam designation	B2 Emi-Rcp	BR8 Action code	BR7a Group id.	BR9 Action code	BR47 Frequency band (MHz)	C4a Class of station
SUCH1	R		1		2080.345 – 2081.655	EW
SUCH2	R		11		2055.345 – 2056.655	EW
UUCH1	R		2		449.9918 – 450.0082	ET
UDCH1	E		9		401.2918 – 401.3082	ET
XPDL	E		7		8039.5 – 8385.5	EW
XPDR	E		6		8039.5 – 8385.5	EW
XT1R	E		8		8029.92 – 8030.08	EW

E_TSUM Requested by: JOHN.CLI		Date: 27.08.2020 2:46:03 PM		DB: PELICAN TD API (AUG-27~~		Plan Id.:		Notice type: NONGEO	
A	A1a Sat. Network	PELICAN	A1f1 Notif. adm.	USA	A1f3 Inter. sat. org.		BR1 Date of receipt	17.05.2019	BR20 BR IFIC no.
BR6a/BR6b Id. no.		1	BR3a Provision reference		9.1/IA		BR2 Adm. serial no.		SUCH1 R

A1f2 Submitted on behalf

A1g Short Mission Duration Res 32

A4b1 No. of orbital planes A4b2 Ref. body BR43 Orbital configuration

A4b1a Constellation A4b1b Configuration type A4b1c Number of sub-sets mutually exclusive A4b1d Attachment no.

A4b3a No. of space stations simult. trans. on Northern Hemisphere A4b3b No. of space stations simult. trans. on Southern Hemisphere

Orbital plane id. no.	A4b4a Inclination angle	A4b4b No. of satellites in this plane	A4b4c Period	A4b4d Apogee	A4b4e Perigee	A4b4f Min. altitude	A4b4i Arg. of perigee	A4b4j Long. asc. node	A4b4m,n,o Sun synchronous		
									Y/N	Node reference time	Node local time
1	97.4	1	0-01:31	300e0	300e0	300e0			Y		
2	60	1	0-01:31	300e0	300e0	300e0			N		

Orbital plane no.	Satellite no.	A4b4h Initial phase angle	A4b4k Date	A4b4l Time	B4a Orbit link / List of beams
1	1				

B1a/BR17 Beam designation	SUCH1		B1b Steerable		B2 Emi-Rcp	R	B3a1 Max. co-polar gain	2
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B2a1 Transmit only when visible from notified service area B2a2 Min. Elev. Angle

B3c1 Co-polar antenna pattern					
Co-polar ref. pattern	Coef. A	Coef. B			Co-polar rad. diag.
ND-SPACE					

List of orbital planes

ALL

B4a3a1 Angle alpha B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id.	1	BR1 Date of receipt	17.05.2019	C2c RR No. 4.4	
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BR14 Special Section

C4a Class of station C3a Assigned freq. band C5a Noise temperature

C4b Nature of service C6a Polarization type C6b Polarization angle

C11a2 Service area C11a3 Service area diagram

A2b Period of valid. A3a Op. agency A3b Adm. resp. BR16 Value of type C8b

BR96 Start date for 9.1/9.1A

BR60 Regulatory deadline(s) 11.44/11.44.1

C1 Frequency Range			
C1a Lower limit		C1b Upper limit	
2080.345	MHz	2081.655	MHz

C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	C8f2 E.i.r.p. on the beam axis
1 1M31F1DCN	9	-52.2	9		-52.2		13.5		

C7b Carrier frequency of the emissions (1M31F1DCN)											
2081	MHz										

E_TSUM Requested by: JOHN.CLI		Date: 27.08.2020 2:46:03 PM	DB: PELICAN TD API (AUG-27-~		Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network	PELICAN	A1f1 Notif. adm.	USA	A1f3 Inter. sat. org.	BR1 Date of receipt	17.05.2019
BR6a/BR6b Id. no.		1	BR3a Provision reference		9.1/IA	BR2 Adm. serial no.	
						SUCH1	R

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.			C10d3 Max. iso. gain	C10d4 Bmwdth						
KEFLAVIK	S	027W37 24	63N58 06	ISL	1	TW	CV	38	1.97						
AWARUA	S	168E22 48	46S31 47	NZL	1	TW	CV	38	1.97						
BREWSTER	S	119W42 04	48N08 47	USA	1	TW	CV	38	1.97						
GOONHILLY	S	005W10 56	50N03 07	G	1	TW	CV	38	1.97						
INUVIK	S	133W36 33	68N19 33	CAN	1	TW	CV	38	1.97						
SVALBARD	S	015E24 59	78N13 37	NOR	1	TW	CV	38	1.97						
TROLL	S	002E33 13	72S00 40	ATA	1	TW	CV	38	1.97						
PUNTA ARENAS	S	070W51 26	52S56 17	CHL	1	TW	CV	38	1.97						
FAIRBANKS	S	147W32 11	64S47 38	ALS	1	TW	CV	38	1.97						
MADDOCK	S	099W31 46	47S57 40	USA	1	TW	CV	38	1.97						

		C10d5a Co-polar antenna pattern					
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
KEFLAVIK	A-25*LOG (FI)	32					
AWARUA	A-25*LOG (FI)	32					
BREWSTER	A-25*LOG (FI)	32					
GOONHILLY	A-25*LOG (FI)	32					
INUVIK	A-25*LOG (FI)	32					
SVALBARD	A-25*LOG (FI)	32					
TROLL	A-25*LOG (FI)	32					
PUNTA ARENAS	A-25*LOG (FI)	32					
FAIRBANKS	A-25*LOG (FI)	32					
MADDOCK	A-25*LOG (FI)	32					

13C Remarks

B1a/BR17 Beam designation	SUCH2	B1b Steerable		B2 Emi-Rcp	R	B3a1 Max. co-polar gain	2
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B2a1 Transmit only when visible from notified service area

B2a2 Min. Elev. Angle

B3c1 Co-polar antenna pattern						
Co-polar ref. pattern	Coef. A	Coef. B				Co-polar rad. diag.
ND-SPACE						

List of orbital planes

ALL

B4a3a1 Angle alpha

B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id.	11	BR1 Date of receipt	17.05.2019	C2c RR No. 4.4	
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BR14 Special Section

C4a Class of station

EW

C3a Assigned freq. band

C5a Noise temperature

460

C4b Nature of service

CV

C6a Polarization type

CR

C6b Polarization angle

C11a2 Service area

XAA

C11a3 Service area diagram

A2b Period of valid.

5

A3a Op. agency

178

A3b Adm. resp.

A

BR16 Value of type C8b

BR96 Start date for 9.1/9.1A

E_TSUM Requested by: JOHN.CLI		Date: 27.08.2020 2:46:03 PM	DB: PELICAN TD API (AUG-27~~		Plan Id.:	Notice type: NONGEO				
A	A1a Sat. Network	PELICAN	A1f1 Notif. adm.	USA	A1f3 Inter. sat. org.		BR1 Date of receipt	17.05.2019	BR20 BR IFIC no.	
BR6a/BR6b Id. no.		1	BR3a Provision reference		9.1/IA		BR2 Adm. serial no.		SUCH2	R

BR60 Regulatory deadline(s) 11.44/11.44.1

C1 Frequency Range			
C1a Lower limit		C1b Upper limit	
2055.345	MHz	2056.655	MHz

C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	C8f2 E.i.r.p. on the beam axis
1 1M31F1DCN	9	-52.2	9		-52.2		13.5		

C7b Carrier frequency of the emissions (1M31F1DCN)											
2056	MHz										

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.			C10d3 Max. iso. gain	C10d4 Bmwidth						
KEFLAVIK	S	027W37 24	63N58 06	ISL	1	TW	CV	38	1.97						
AWARUA	S	168E22 48	46S31 47	NZL	1	TW	CV	38	1.97						
BREWSTER	S	119W42 04	48N08 47	USA	1	TW	CV	38	1.97						
GOONHILLY	S	005W10 56	50N03 07	G	1	TW	CV	38	1.97						
INUVIK	S	133W36 33	68N19 33	CAN	1	TW	CV	38	1.97						
SVALBARD	S	015E24 59	78N13 37	NOR	1	TW	CV	38	1.97						
TROLL	S	002E33 13	72S00 40	ATA	1	TW	CV	38	1.97						
PUNTA ARENAS	S	070W51 26	52S56 17	CHL	1	TW	CV	38	1.97						
FAIRBANKS	S	147W32 11	64S47 38	ALS	1	TW	CV	38	1.97						
MADDOCK	S	099W31 46	47S57 40	USA	1	TW	CV	38	1.97						

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
KEFLAVIK	A-25*LOG (FI)	32					
AWARUA	A-25*LOG (FI)	32					
BREWSTER	A-25*LOG (FI)	32					
GOONHILLY	A-25*LOG (FI)	32					
INUVIK	A-25*LOG (FI)	32					
SVALBARD	A-25*LOG (FI)	32					
TROLL	A-25*LOG (FI)	32					
PUNTA ARENAS	A-25*LOG (FI)	32					
FAIRBANKS	A-25*LOG (FI)	32					
MADDOCK	A-25*LOG (FI)	32					

13C Remarks

B1a/BR17 Beam designation	UUCH1	B1b Steerable		B2 Emi-Rcp	R	B3a1 Max. co-polar gain	2.2
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B2a1 Transmit only when visible from notified service area
B2a2 Min. Elev. Angle

B3c1 Co-polar antenna pattern					
Co-polar ref. pattern	Coef. A	Coef. B			Co-polar rad. diag.
ND-SPACE					

List of orbital planes
ALL

B4a3a1 Angle alpha
B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

E_TSUM Requested by: JOHN.CLI		Date: 27.08.2020 2:46:03 PM		DB: PELICAN TD API (AUG-27~~		Plan Id.:		Notice type: NONGEO	
A	A1a Sat. Network	PELICAN	A1f1 Notif. adm.	USA	A1f3 Inter. sat. org.		BR1 Date of receipt	17.05.2019	BR20 BR IFIC no.
BR6a/BR6b Id. no.		1	BR3a Provision reference		9.1/IA		BR2 Adm. serial no.		UUCH1 R

BR7a/BR7b Group id.	2	BR1 Date of receipt	17.05.2019	C2c RR No. 4.4	
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BR14 Special Section			
C4a Class of station	ET	C3a Assigned freq. band	
C4b Nature of service	CV	C6a Polarization type	L
C11a2 Service area	XAA	C5a Noise temperature	460
		C6b Polarization angle	0
		C11a3 Service area diagram	

A2b Period of valid.	5	A3a Op. agency	178	A3b Adm. resp.	A	BR16 Value of type C8b	
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BR96 Start date for 9.1/9.1A	
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BR60 Regulatory deadline(s)	11.44/11.44.1
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C1 Frequency Range			
C1a Lower limit		C1b Upper limit	
449.9918	MHz	450.0082	MHz

C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	C8f2 E.i.r.p. on the beam axis
1 16K3F1DCN	9	-33.1	9		-33.1		16.5		

C7b Carrier frequency of the emissions (16K3F1DCN)															
450	MHz														

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwdth							
AWARUA	S	168E22 48	46S31 47	NZL	1	TT CV	16.4	27							
GOONHILLY	S	005W10 56	50N03 07	G	1	TT CV	16.4	27							
INUVIK	S	133W36 33	68N19 33	CAN	1	TT CV	16.4	27							
NINGI	S	153E03 50	27S03 29	AUS	1	TT CV	16.4	27							
CAPE TOWN	S	018E38 37	33S55 58	AFS	1	TT CV	16.5	27							
FAIRBANKS	S	147W32 11	64S47 38	ALS	1	TT CV	16.5	27							
BREWSTER	S	119W42 04	48N08 47	USA	1	TT CV	16.5	27							
MADDOCK	S	099W31 46	47S57 40	USA	1	TT CV	16.4	27							
MOREHEAD	S	083W33 13	38N25 02	USA	1	TT CV	16.4	27							
OAHU	S	158W02 05	21N40 17	HWA	1	TT CV	16.4	27							
NMSU	S	106W45 14	32N16 52	USA	1	TT CV	16.4	27							
KEFLAVIK	S	027W37 24	63N58 06	ISL	1	TT CV	16.4	27							

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
AWARUA							6
GOONHILLY							6
INUVIK							6
NINGI							6
CAPE TOWN							6
FAIRBANKS							6
BREWSTER							6
MADDOCK							6
MOREHEAD							6
OAHU							6
NMSU							6
KEFLAVIK							6

13C Remarks	
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E_TSUM Requested by: JOHN.CLI		Date: 27.08.2020 2:46:03 PM	DB: PELICAN TD API (AUG-27~~		Plan Id.:	Notice type: NONGEO				
A	A1a Sat. Network	PELICAN	A1f1 Notif. adm.	USA	A1f3 Inter. sat. org.		BR1 Date of receipt	17.05.2019	BR20 BR IFIC no.	
BR6a/BR6b Id. no.		1	BR3a Provision reference		9.1/IA		BR2 Adm. serial no.		UDCH1	E

B1a/BR17 Beam designation	UDCH1	B1b Steerable		B2 Emi-Rcp	E	B3a1 Max. co-polar gain	2.2
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B2a1 Transmit only when visible from notified service area ☐ Y B2a2 Min. Elev. Angle

B3c1 Co-polar antenna pattern					
Co-polar ref. pattern	Coef. A	Coef. B			Co-polar rad. diag.
ND-SPACE					

List of orbital planes
ALL

B4a3a1 Angle alpha B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id.	9	BR1 Date of receipt	17.05.2019	C2c RR No. 4.4	
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BR14 Special Section

C4a Class of station C3a Assigned freq. band

C4b Nature of service C6a Polarization type

C6b Polarization angle

C8d1 Max. tot. peak pwr. C8d2 Contiguous bandwidth

C11a2 Service area

C11a3 Service area diagram

A2b Period of valid. A3a Op. agency A3b Adm. resp. BR16 Value of type C8b

BR96 Start date for 9.1/9.1A

BR60 Regulatory deadline(s) 11.44/11.44.1

C1 Frequency Range	
C1a Lower limit	C1b Upper limit
401.2918 MHz	401.3082 MHz

C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	C8f1 E.i.r.p. on the beam axis
1 16K3F1DCN	-3.5	-45.6	-3.5		-45.6		16.5		-1.3

C7b Carrier frequency of the emissions (16K3F1DCN)											
401.3	MHz										

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwdth	C10d6 Noise temp.		
NMSU	S	106W45 14 32N16 52	USA	1 TT CV	16.5	27	284		
GOONHILLY	S	005W10 56 50N03 07	G	1 TT CV	16.4	27	284		
INUVIK	S	133W36 33 68N19 33	CAN	1 TT CV	16.5	27	284		
NINGI	S	153E03 50 27S03 29	AUS	1 TT CV	16.5	27	284		
CAPE TOWN	S	018E38 37 33S55 58	AFS	1 TT CV	16.4	27	284		
FAIRBANKS	S	147W32 11 64S47 38	ALS	1 TT CV	16.4	27	284		
BREWSTER	S	119W42 04 48N08 47	USA	1 TT CV	16.5	27	284		
MADDOCK	S	099W31 46 47S57 40	USA	1 TT CV	16.5	27	284		
MOREHEAD	S	083W33 13 38N25 02	USA	1 TT CV	16.5	27	284		
OAHU	S	158W02 05 21N40 17	HWA	1 TT CV	16.5	27	284		
AWARUA	S	168E22 48 46S31 47	NZL	1 TT CV	16.5	27	284		
KEFLAVIK	S	027W37 24 63N58 06	ISL	1 TT CV	16.5	27	284		

E_TSUM Requested by: JOHN.CLI		Date: 27.08.2020 2:46:03 PM	DB: PELICAN TD API (AUG-27~~		Plan Id.:	Notice type: NONGEO	
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BR6a/BR6b Id. no.		1	BR3a Provision reference		9.1/IA	BR2 Adm. serial no.	
						UDCH1	E

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
NMSU							7
GOONHILLY							7
INUVIK							7
NINGI							7
CAPE TOWN							7
FAIRBANKS							7
BREWSTER							7
MADDOCK							7
MOREHEAD							7
OAHU							7
AWARUA							7
KEFLAVIK							7

13C Remarks

B1a/BR17 Beam designation	XPDL	B1b Steerable		B2 Emi-Rcp	E	B3a1 Max. co-polar gain	21
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B2a1 Transmit only when visible from notified service area

Y

B2a2 Min. Elev. Angle

5

B3c1 Co-polar antenna pattern						
Co-polar ref. pattern	Coef. A	Coef. B				Co-polar rad. diag.
						3

List of orbital planes

ALL

B4a3a1 Angle alpha

B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id.	7	BR1 Date of receipt	17.05.2019	C2c RR No. 4.4	
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BR14 Special Section

C4a Class of station

EW

C3a Assigned freq. band

C4b Nature of service

CV

C6a Polarization type

CR

C6b Polarization angle

C8d1 Max. tot. peak pwr.

C8d2 Contiguous bandwidth

C11a2 Service area

XAA

C11a3 Service area diagram

A2b Period of valid.

5

A3a Op. agency

178

A3b Adm. resp.

A

BR16 Value of type C8b

BR96 Start date for 9.1/9.1A

BR60 Regulatory deadline(s) 11.44/11.44.1

C1 Frequency Range			
C1a Lower limit	C1b Upper limit		
8039.5	MHz	8385.5	MHz

C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	C8f1 E.i.r.p. on the beam axis
1 96M0G1DCN	0	-84.6	0		-84.6		11.8		21

C7b Carrier frequency of the emissions (96M0G1DCN)															
8087.5	MHz	8337.5	MHz												

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BR6a/BR6b Id. no.		1	BR3a Provision reference		9.1/IA	BR2 Adm. serial no.	
						XPD	E

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwdth	C10d6 Noise temp.		
KEFLAVIK	S	027W37 24	63N58 06	ISL	1	TW CV	48.6	0.53	144		
AWARUA	S	168E22 48	46S31 47	NZL	1	TW CV	48.6	0.53	144		
BREWSTER	S	119W42 04	48N08 47	USA	1	TW CV	48.6	0.53	144		
GOONHILLY	S	005W10 56	50N03 07	G	1	TW CV	48.6	0.53	144		
INUVIK	S	133W36 33	68N19 33	CAN	1	TW CV	48.6	0.53	144		
SVALBARD	S	015E24 59	78N13 37	NOR	1	TW CV	48.6	0.53	144		
TROLL	S	002E33 13	72S00 40	ATA	1	TW CV	48.6	0.53	144		
PUNTA ARENAS	S	070W51 26	52S56 17	CHL	1	TW CV	48.6	0.53	144		
FAIRBANKS	S	147W32 11	64S47 38	ALS	1	TW CV	48.6	0.53	144		
MADDOCK	S	099W31 46	47S57 40	USA	1	TW CV	48.6	0.53	144		

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
KEFLAVIK	A-25*LOG (FI)	32					
AWARUA	A-25*LOG (FI)	32					
BREWSTER	A-25*LOG (FI)	32					
GOONHILLY	A-25*LOG (FI)	32					
INUVIK	A-25*LOG (FI)	32					
SVALBARD	A-25*LOG (FI)	32					
TROLL	A-25*LOG (FI)	32					
PUNTA ARENAS	A-25*LOG (FI)	32					
FAIRBANKS	A-25*LOG (FI)	32					
MADDOCK	A-25*LOG (FI)	32					

13C Remarks

B1a/BR17 Beam designation	XPDR	B1b Steerable		B2 Emi-Rcp	E	B3a1 Max. co-polar gain	21
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B2a1 Transmit only when visible from notified service area

Y

B2a2 Min. Elev. Angle

5

B3c1 Co-polar antenna pattern						
Co-polar ref. pattern	Coef. A	Coef. B				Co-polar rad. diag.
						4

List of orbital planes

ALL

B4a3a1 Angle alpha

B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id.	6	BR1 Date of receipt	17.05.2019	C2c RR No. 4.4	
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BR14 Special Section

C4a Class of station

EW

C3a Assigned freq. band

C4b Nature of service

CV

C6a Polarization type

CR

C6b Polarization angle

C8d1 Max. tot. peak pwr.

C8d2 Contiguous bandwidth

C11a2 Service area

XAA

C11a3 Service area diagram

A2b Period of valid.

5

A3a Op. agency

178

A3b Adm. resp.

A

BR16 Value of type C8b

E_TSUM Requested by: JOHN.CLI		Date: 27.08.2020 2:46:03 PM	DB: PELICAN TD API (AUG-27-~		Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network	PELICAN	A1f1 Notif. adm.	USA	A1f3 Inter. sat. org.	BR1 Date of receipt	17.05.2019
BR6a/BR6b Id. no.		1	BR3a Provision reference		9.1/IA	BR2 Adm. serial no.	
						XPDR	E

BR96 Start date for 9.1/9.1A

BR60 Regulatory deadline(s) 11.44/11.44.1

C1 Frequency Range			
C1a Lower limit		C1b Upper limit	
8039.5	MHz	8385.5	MHz

C7a	C8a1/C8b1	C8a2/C8b2	C8c1	C8c2	C8c3	C8c4	C8e1	C8e2	C8f1
Design. of emission	Max. peak pwr	Max. pwr dens.	Min. peak pwr	Attch.	Min. pwr dens.	Attch.	C/N ratio	Attch.	E.i.r.p. on the beam axis
1 96M0G1DCN	0	-84.6	0		-84.6		11.8		21

C7b Carrier frequency of the emissions (96M0G1DCN)									
8087.5	MHz	8337.5	MHz						

C10b1	C10b2	C10c1		C10c2	C10d1/C10d2		C10d3	C10d4	C10d6		
Assoc. earth station id.	Type	Geographical coord.		Ctry	Cls. / Nat.		Max. iso. gain	Bmwidth	Noise temp.		
KEFLAVIK	S	027W37 24	63N58 06	ISL	1	TW CV	48.6	0.53	144		
AWARUA	S	168E22 48	46S31 47	NZL	1	TW CV	48.6	0.53	144		
BREWSTER	S	119W42 04	48N08 47	USA	1	TW CV	48.6	0.53	144		
GOONHILLY	S	005W10 56	50N03 07	G	1	TW CV	48.6	0.53	144		
INUVIK	S	133W36 33	68N19 33	CAN	1	TW CV	48.6	0.53	144		
SVALBARD	S	015E24 59	78N13 37	NOR	1	TW CV	48.6	0.53	144		
TROLL	S	002E33 13	72S00 40	ATA	1	TW CV	48.6	0.53	144		
PUNTA ARENAS	S	070W51 26	52S56 17	CHL	1	TW CV	48.6	0.53	144		
FAIRBANKS	S	147W32 11	64S47 38	ALS	1	TW CV	48.6	0.53	144		
MADDOCK	S	099W31 46	47S57 40	USA	1	TW CV	48.6	0.53	144		

	C10d5a Co-polar antenna pattern						
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
KEFLAVIK	A-25*LOG (FI)	32					
AWARUA	A-25*LOG (FI)	32					
BREWSTER	A-25*LOG (FI)	32					
GOONHILLY	A-25*LOG (FI)	32					
INUVIK	A-25*LOG (FI)	32					
SVALBARD	A-25*LOG (FI)	32					
TROLL	A-25*LOG (FI)	32					
PUNTA ARENAS	A-25*LOG (FI)	32					
FAIRBANKS	A-25*LOG (FI)	32					
MADDOCK	A-25*LOG (FI)	32					

13C Remarks

B1a/BR17 Beam designation	XT1R	B1b Steerable		B2 Emi-Rcp	E	B3a1 Max. co-polar gain	5
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B2a1 Transmit only when visible from notified service area ☒ Y B2a2 Min. Elev. Angle

B3c1 Co-polar antenna pattern					
Co-polar ref. pattern	Coef. A	Coef. B			Co-polar rad. diag.
ND-SPACE					

List of orbital planes

ALL

B4a3a1 Angle alpha B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

E_TSUM Requested by: JOHN.CLI		Date: 27.08.2020 2:46:03 PM	DB: PELICAN TD API (AUG-27~~		Plan Id.:	Notice type: NONGEO	
A	A1a Sat. Network	PELICAN	A1f1 Notif. adm.	USA	A1f3 Inter. sat. org.	BR1 Date of receipt	17.05.2019
BR6a/BR6b Id. no.		1	BR3a Provision reference		9.1/IA	BR2 Adm. serial no.	XT1R E

BR7a/BR7b Group id.	8	BR1 Date of receipt	17.05.2019	C2c RR No. 4.4	
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BR14 Special Section					
C4a Class of station	EW	C3a Assigned freq. band			
C4b Nature of service	CV	C6a Polarization type	CR	C6b Polarization angle	
C8d1 Max. tot. peak pwr.		C8d2 Contiguous bandwidth			
C11a2 Service area	XAA	C11a3 Service area diagram			
A2b Period of valid.	5	A3a Op. agency	178	A3b Adm. resp.	A
BR16 Value of type C8b					

BR96 Start date for 9.1/9.1A	
BR60 Regulatory deadline(s)	11.44/11.44.1

C1 Frequency Range			
C1a Lower limit		C1b Upper limit	
8029.92	MHz	8030.08	MHz

C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	C8f1 E.i.r.p. on the beam axis
1 141KF1DCN	-10	-61.5	-10		-61.5		13.5		-5

C7b Carrier frequency of the emissions (141KF1DCN)											
8030	MHz										

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d4 Bmwidth	C10d6 Noise temp.		
KEFLAVIK	S	027W37 24	63N58 06	ISL	1	TW CV	48.6	0.53	144		
AWARUA	S	168E22 48	46S31 47	NZL	1	TW CV	48.6	0.53	144		
BREWSTER	S	119W42 04	48N08 47	USA	1	TW CV	48.6	0.53	144		
GOONHILLY	S	005W10 56	50N03 07	G	1	TW CV	48.6	0.53	144		
INUVIK	S	133W36 33	68N19 33	CAN	1	TW CV	48.6	0.53	144		
SVALBARD	S	015E24 59	78N13 37	NOR	1	TW CV	48.6	0.53	144		
TROLL	S	002E33 13	72S00 40	ATA	1	TW CV	48.6	0.53	144		
PUNTA ARENAS	S	070W51 26	52S56 17	CHL	1	TW CV	48.6	0.53	144		
FAIRBANKS	S	147W32 11	64S47 38	ALS	1	TW CV	48.6	0.53	144		
MADDOCK	S	099W31 46	47S57 40	USA	1	TW CV	48.6	0.53	144		

C10d5a Co-polar antenna pattern							
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
KEFLAVIK	A-25*LOG (FI)	32					
AWARUA	A-25*LOG (FI)	32					
BREWSTER	A-25*LOG (FI)	32					
GOONHILLY	A-25*LOG (FI)	32					
INUVIK	A-25*LOG (FI)	32					
SVALBARD	A-25*LOG (FI)	32					
TROLL	A-25*LOG (FI)	32					
PUNTA ARENAS	A-25*LOG (FI)	32					
FAIRBANKS	A-25*LOG (FI)	32					
MADDOCK	A-25*LOG (FI)	32					

13C Remarks	
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E_TSUM Requested by: JOHN.CLI		Date: 27.08.2020 2:46:03 PM		DB: PELICAN TD API (AUG-27~~		Plan Id.:		Notice type: NONGEO	
A	A1a Sat. Network	PELICAN	A1f1 Notif. adm.	USA	A1f3 Inter. sat. org.		BR1 Date of receipt	17.05.2019	BR20 BR IFIC no.
BR6a/BR6b Id. no.		1	BR3a Provision reference		9.1/IA		BR2 Adm. serial no.		XT1R E

BR22 Administration remarks

BR23 Radiocommunication Bureau comments