

E_TSUM Requested by: DAVEM		Date: 11.07.2024 3:50:07 PM		DB: FRAZIER_API_REVF.MDB		Plan Id.:		Notice type: NONGEO	
A	A1a Sat. Network	FRAZIER	A1f1 Notif. adm.	USA	A1f3 Inter. sat. org.		BR1 Date of receipt	10.11.2022	BR20 BR IFIC no.
BR6a/BR6b Id. no.		1	BR3a Provision reference		9.1/IA	BR2 Adm. serial no.			

### Résumé / Summary / Resúmen

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)	BR62 Expiry date for bringing into use	C4a Class of station
SUP	R		3		2054.7 - 2055.3		ET
UDN1	E		2		400.46 - 400.54		ET

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A A1a Sat. Network FRAZIER A1f1 Notif. adm. USA A1f3 Inter. sat. org. BR1 Date of receipt 10.11.2022 BR20 BR IFIC no.

BR6a/BR6b Id. no. 1 BR3a Provision reference 9.1/IA BR2 Adm. serial no. SUP R

A1f2 Submitted on behalf

A1g Short Mission Duration Res 32 N

A4b1 No. of orbital planes 1 A4b2 Ref. body T BR99 Total number of satellites 1

A4b1a Constellation N A4b1b Configuration type A4b1c Number of sub-sets mutually exclusive

A4b3a No. of space stations simult. trans. on Northern Hemisphere 1 A4b3b No. of space stations simult. trans. on Southern Hemisphere

Action code	Orbital plane id. no.	A4b1d Orbit set id.	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	Reference node	Node local time
	1		97.6	1	0-01:34	510e0	510e0	510e0			Y	D	17:00:00

Les renseignements figurant dans le tableau «PHASE» (éléments A.4.b.4.j, A.4.b.4.h et A.4.b.4.l de l'Appendice 4) ne sont pas inclus dans le présent fichier et peuvent être consultés directement dans la base de données mdb, si besoin est.

Information from the "PHASE" table (A.4.b.4.j, A.4.b.4.h and A.4.b.4.l of Appendix 4) is not included in this file and may be consulted directly from the mdb database if needed.

En este archivo no se incluye información del Cuadro «FASE» (A.4.b.4.j, A.4.b.4.h y A.4.b.4.l del Apéndice 4) que, en caso necesario, puede consultarse directamente en la base de datos mdb.

B1a/BR17 Beam designation SUP B1b Steerable Y B2 Emi-Rcp R B3a1 Max. co-polar gain 6.9

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.

List of orbital planes  
ALL

B4a3a1 Angle alpha B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id. 3 BR1 Date of receipt 17.07.2024 C2c RR No. 4.4

BR14 Special Section

C4a Class of station ET C3a Assigned freq. band C5a Noise temperature 712

C4b Nature of service OT C6a Polarization type CR C6b Polarization angle

C11a2 Service area XAA C11a3 Service area diagram

A2b Period of valid. 2 A3a Op. agency 642 A3b Adm. resp. A BR16 Value of type C8b

BR96 Start date for 9.1/9.1A

BR62 Expiry date for bringing into use 11.44/11.44.1

C1 Frequency Range			
C1a Lower limit		C1b Upper limit	
2054.7	MHz	2055.3	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 300KF1D--	18.8	-35.9	-1.2		-55.9		15.9		

C7b Carrier frequency of the emissions (300KF1D--)									
2055	MHz								

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 A 1a Sat. Network FRAZIER A1f1 Notif. adm. USA A1f3 Inter. sat. org. BR1 Date of receipt 10.11.2022 BR20 BR IFIC no.  
 BR6a/BR6b Id. no. 1 BR3a Provision reference 9.1/IA BR2 Adm. serial no. SUP R

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.			C10d3 Max. iso. gain	C10d4 Bmwdth				
TYPICAL S GROUND TX	T				1	TT	OT	35	2.8				
DEADHORSE	S	148W28 27	70N12 14	ALS	1	TT	OT	40	1.7				
UNST	S	000W51 30	60N44 54	G	1	TT	OT	18.6	20				
VIMERCATE	S	009E21 44	45N35 36	I	1	TT	OT	34.3	3.2				
TROMSO	S	018E56 27	69N39 40	NOR	1	TT	OT	18.3	20				

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.
TYPICAL S GROUND TX	REC-465-5						
DEADHORSE	REC-465-5						
UNST	REC-465-5						
VIMERCATE	REC-465-5						
TROMSO	REC-465-5						

13C Remarks

B1a/BR17 Beam designation UDN1 B1b Steerable Y B2 Emi-Rcp E B3a1 Max. co-polar gain 2.4

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.

List of orbital planes  
ALL

B4a3a1 Angle alpha B4a3a2 Angle beta  
 BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id. 2 BR1 Date of receipt 17.07.2024 C2c RR No. 4.4

BR14 Special Section  
 C4a Class of station ET C3a Assigned freq. band  
 C4b Nature of service OT C6a Polarization type L C6b Polarization angle 0  
 C8d1 Max. tot. peak pwr. C8d2 Contiguous bandwidth  
 C11a2 Service area XAA C11a3 Service area diagram

A2b Period of valid. 2 A3a Op. agency 642 A3b Adm. resp. A BR16 Value of type C8b  
 BR96 Start date for 9.1/9.1A  
 BR62 Expiry date for bringing into use 11.44/11.44.1

C1 Frequency Range			
C1a Lower limit	C1b Upper limit		
400.46	MHz	400.54	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 40K0F1D--	7.4	-38.6	-2.6		-48.6		15.9		

C7b Carrier frequency of the emissions (40K0F1D--)  
 400.5 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.
TYPICAL U RECEIVER 2	T				1	TT OT	20.8	23	438
TYPICAL U RECEIVER 3	T				1	TT OT	17.3	20	580
TYPICAL U RECEIVER 4	T				1	TT OT	16.2	12.5	650
TYPICAL U RECEIVER 1	T				1	TT OT	14.8	40	290
DEADHORSE	S	148W28 27	70N12 14	ALS	1	TT OT	16.2	40	417
UNST	S	000W51 30	60N44 54	G	1	TT OT	15.4	20	290
VIMERCATE	S	009E21 44	45N35 36	I	1	TT OT	14.8	40	602
TROMSO	S	018E56 27	69N39 40	NOR	1	TT OT	18	20	500

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.
TYPICAL U RECEIVER 2							2
TYPICAL U RECEIVER 3							3
TYPICAL U RECEIVER 4							4
TYPICAL U RECEIVER 1							1
DEADHORSE							4
UNST							1
VIMERCATE							1
TROMSO							1

13C Remarks

BR22 Administration remarks  
 BR23 Radiocommunication Bureau comments