E_TSUM Requested by: ACOURTNE	Date: 15.03.2024 9:30:19 AM	DB: NEWDB.MDB	Plan Id.:	Notice type: NONGEO
A *A1a* Sat. Network DEMO-2	*A1f1* Notif. adm. USA	*A1f3* Inter. sat. org.	*BR1* Date of receipt 24.01.2024	*BR20* BR IFIC no.
BR6a/BR6b Id. no. 1	*BR3a* Provision reference 9.1/IA		*BR2* Adm. serial no.	

Résumé / Summary / Resumen

Il est prévu d'exploiter ce système à satellites non OSG dans le cadre d'une mission de courte durée conformément à la Résolution 32 (CMR-19)
This non-GSO satellite system is planned to be operated as short duration mission in accordance with Resolution 32 (WRC-19)
Está previsto que este sistema de satélites no OSG opere como misión de corta duración en los términos de la Resolución 32 (CMR-19)

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
DN1	E		2		2208.5 - 2213.5		EH
DN2	E		1		2285 - 2290		EH

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A *A1a* Sat. Network: DEMO-2 *A1f1* Notif. adm.: USA *A1f3* Inter. sat. org.: *BR1* Date of receipt: 24.01.2024 *BR20* BR IFIC no.:

BR6a/BR6b Id. no.: 1 *BR3a* Provision reference: 9.1/IA *BR2* Adm. serial no.: DN1 E

A1f2 Submitted on behalf:

A1g Short Mission Duration Res 32: Y

A4b1 No. of orbital planes: 1 *A4b2* Ref. body: T *BR110* 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: 1

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		88	1	0-01:30	350e0	200e0	200e0			N		

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: DN1 *B1b* Steerable: *B2* Emi-Rcp: E *B3a1* Max. co-polar gain: 2.5

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.: 2 *BR1* Date of receipt: 24.01.2024 *C2c* RR No. 4.4: Y

BR14 Special Section:

C4a Class of station: EH *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: USA *C11a3* Service area diagram:

A2b Period of valid.: 1 *A3a* Op. agency: 999 *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	
2208.5	MHz	2213.5	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	5M00G1W--	3.1	-63.9	3.1		-63.9		31.7		5.6

E_TSUM Requested by: ACOURTNE Date: 15.03.2024 9:30:19 AM DB: NEWDB.MDB Plan Id.: Notice type: NONGEO

A *A1a* Sat. Network: DEMO-2 *A1f1* Notif. adm.: USA *A1f3* Inter. sat. org.: *BR1* Date of receipt: 24.01.2024 *BR20* BR IFIC no.:

BR6a/BR6b Id. no.: 1 *BR3a* Provision reference: 9.1/IA *BR2* Adm. serial no.: DN1 E

C7b Carrier frequency of the emissions (5M00G1W--)

2211	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.		
PSCA KODIAK	S	152W22 40	57N27 19	USA	1	TH	CV	38	1.6	158		
KSAT HAWAII	S	158W02 06	21N40 14	USA	1	TH	CV	42.6	1.2	290		
SANSA HARTEBEESTOEK	S	027E42 25	25S53 08	AFS	1	TH	CV	47	0.7	290		

	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.
PSCA KODIAK							1
KSAT HAWAII							1
SANSA HARTEBEESTOEK							1

13C Remarks:

B1a/BR17 Beam designation: DN2 *B1b* Steerable: *B2* Emi-Rcp: E *B3a1* Max. co-polar gain: 2.5

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.: 1 *BR1* Date of receipt: 24.01.2024 *C2c* RR No. 4.4: Y

BR14 Special Section:

C4a Class of station: EH *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: USA *C11a3* Service area diagram:

A2b Period of valid.: 1 *A3a* Op. agency: 999 *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	
2285	MHz	2290	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 5M00G1W--	3.1	-63.9	3.1		-63.9		31.7		5.6

C7b Carrier frequency of the emissions (5M00G1W--)

2287.5	MHz

E_TSUM Requested by: ACOURTNE	Date: 15.03.2024 9:30:19 AM	DB: NEWDB.MDB	Plan Id.:	Notice type: NONGEO

A	*A1a* Sat. Network: DEMO-2	*A1f1* Notif. adm.: USA	*A1f3* Inter. sat. org.:	*BR1* Date of receipt: 24.01.2024	*BR20* BR IFIC no.:

BR6a/BR6b Id. no.: 1	*BR3a* Provision reference: 9.1/IA	*BR2* Adm. serial no.:	DN2	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.		
PSCA KODIAK	S	152W22 40	57N27 19	USA	1	TH	CV	38	1.6	158		
KSAT HAWAII	S	158W02 06	21N40 14	USA	1	TH	CV	42.6	1.2	290		
SANSA HARTEBEESTOEK	S	027E42 25	25S53 08	AFS	1	TH	CV	47	0.7	290		

	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.
PSCA KODIAK							2
KSAT HAWAII							2
SANSA HARTEBEESTOEK							2

13C Remarks:

***C9* Modulation characteristics**	***C7a* Designation of emission 5M00G1W--**
C9a1 Type of modulation	OQPSK
C9a2a Lowest frequency	
C9a2b Highest frequency	
C9a2c Frequency deviation	
C9a3a Freq. deviation of the pre-emphasized signal	
C9a3b Pre-emphasis characteristics	
C9a3c Type of multiplexing	
C9a4a Bit rate	
C9a4b Number of phases	
C9a5a Modulating signal attached (see attch. no.)	
C9a5b Amplitude modulation	
C9a6a Peak-to-peak freq. dev.	
C9a6b Sweep frequency	
C9a6c Energy dispersal waveform	
C9a7 Type of energy dispersal	
C9a8 Other types of modulation (see attch. no.)	
C9a9 TV standard	
BR7a Group id.	1, 2

BR22 Administration remarks:

BR23 Radiocommunication Bureau comments: