

E TSUM Requested by: MPATR		Date: 16.04.2024 9:12:52 PM	DB: ATTACHMENT 5 REV E VEER~		Plan Id.:	Notice type: NONGEO
A	A1a Sat. Network	VEERY-0F	A1f1 Notif. adm.	USA	A1f3 Inter. sat. org.	
BR6a/BR6b Id. no.		1	BR3a Provision reference		9.1/IA	BR1 Date of receipt
						16.04.2024
						BR20 BR IFIC no.
						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)	BR62 Expiry date for bringing into use	C4a Class of station
IRIDIUM	R		1		1618.725 - 1626.5		ES
RADAR	R		3		5255.1 - 5260		E3
IRIDIUM	E		2		1618.725 - 1626.5		ES
RADAR	E		4		5255.1 - 5260		E3

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A A1a Sat. Network VEERY-0F A1f1 Notif. adm. USA A1f3 Inter. sat. org. BR1 Date of receipt 16.04.2024 BR20 BR IFIC no.

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

A1f2 Submitted on behalf USA

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 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		97.5	1	0-01:35	510e0	510e0	510e0			Y	A	10:30:00

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 IRIDIUM B1b Steerable B2 Emi-Rcp R B3a1 Max. co-polar gain 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 16.04.2024 C2c RR No. 4.4 Y

BR14 Special Section

C4a Class of station ES C3a Assigned freq. band C5a Noise temperature 290

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

C11a2 Service area C11a3 Service area diagram

A2b Period of valid. 6 A3a Op. agency 710 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
1618.725 MHz	1626.5 MHz

C7a	C8a1/C8b1	C8a2/C8b2	C8c1	C8c2	C8c3	C8c4	C8e1	C8e2	C8f2
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 41K7Q7W--	8	-38	1.1		-44.9		15		27.6

C7b Carrier frequency of the emissions (41K7Q7W--)

1621 MHz

C10a1	C10a3	C10a2	C10a4
Assoc. space station id.	Type	Nominal longitude	Beam designation
HIBLEO-2	N		BEAM 001

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 A A1a Sat. Network VEERY-0F A1f1 Notif. adm. USA A1f3 Inter. sat. org. BR1 Date of receipt 16.04.2024 BR20 BR IFIC no.  
 BR6a/BR6b Id. no. 1 BR3a Provision reference 9.1/IA BR2 Adm. serial no. IRIDIUM R

HIBLEO-2	N	BEAM 006
HIBLEO-2	N	BEAM 012
HIBLEO-2	N	BEAM 016

13C Remarks

B1a/BR17 Beam designation RADAR B1b Steerable B2 Emi-Rcp R B3a1 Max. co-polar gain 11

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 1

BR7a/BR7b Group id. 3 BR1 Date of receipt 16.04.2024 C2c RR No. 4.4

BR14 Special Section  
 C4a Class of station E3 C5d1 Noise temperature (sensors) 207 C5d2 Noise bandwidth (sensors) 4900  
 C4b Nature of service OT C6a Polarization type L C6b Polarization angle 45

A2b Period of valid. 6 A3a Op. agency 710 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

C2a1 Assigned frequency									
5257.55	MHz								

C8b3a Mean peak pwr C8b3b Mean pwr dens. C8a1/C8b1 Max. peak pwr C8a2/C8b2 Max. pwr dens.

13C Remarks POLARIZATION WILL VARY BETWEEN VERTICAL AND HORIZONTAL DUE TO SPACECRAFT ORIENTATION

B1a/BR17 Beam designation IRIDIUM B1b Steerable B2 Emi-Rcp E B3a1 Max. co-polar gain 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 16.04.2024 C2c RR No. 4.4 Y

BR14 Special Section

E TSUM Requested by: MPATR Date: 16.04.2024 9:12:52 PM DB: ATTACHMENT 5 REV E VEER~ Plan Id.: Notice type: NONGEO  
 A A1a Sat. Network VEERY-0F A1f1 Notif. adm. USA A1f3 Inter. sat. org. BR1 Date of receipt 16.04.2024 BR20 BR IFIC no.  
 BR6a/BR6b Id. no. 1 BR3a Provision reference 9.1/IA BR2 Adm. serial no. IRIDIUM R

C4a Class of station ES C3a Assigned freq. band  
 C4b Nature of service OT C6a Polarization type CR C6b Polarization angle  
 C8d1 Max. tot. peak pwr. C8d2 Contiguous bandwidth  
 C11a2 Service area C11a3 Service area diagram  
 A2b Period of valid. 6 A3a Op. agency 710 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
1618.725 MHz	1626.5 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 41K7Q7W--	1.7	-44.3	1.7		-44.3		19.9		8.9

C7b Carrier frequency of the emissions (41K7Q7W--)  
 1621 MHz

C10a1 Assoc. space station id.	C10a3 Type	C10a2 Nominal longitude	C10a4 Beam designation
HIBLEO-2	N		BEAM 001
HIBLEO-2	N		BEAM 006
HIBLEO-2	N		BEAM 012
HIBLEO-2	N		BEAM 016

13C Remarks

B1a/BR17 Beam designation RADAR B1b Steerable B2 Emi-Rcp E B3a1 Max. co-polar gain 11

B2a1 Transmit only when visible from notified service area Y B2a2 Min. Elev. Angle 0

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 1

BR7a/BR7b Group id. 4 BR1 Date of receipt 16.04.2024 C2c RR No. 4.4

BR14 Special Section  
 C4a Class of station E3 C3a Assigned freq. band 4900  
 C4b Nature of service OT C6a Polarization type L C6b Polarization angle 45  
 A2b Period of valid. 6 A3a Op. agency 710 A3b Adm. resp. A BR16 Value of type C8b X  
 BR96 Start date for 9.1/9.1A  
 BR62 Expiry date for bringing into use 11.44/11.44.1

C2a1 Assigned frequency			
5257.55 MHz			

C8b3a Mean peak pwr C8b3b Mean pwr dens. C8a1/C8b1 Max. peak pwr 7 C8a2/C8b2 Max. pwr dens. -55.8

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

C16 Sensor		
C16a1 Pulse length	C16a2 Pulse repetition frequency	C7a Necessary bandwidth (kHz)
3500	0.02	0

13C Remarks POLARIZATION WILL VARY BETWEEN VERTICAL AND HORIZONTAL. PULSE LENGTH IS 3.5 MILLISECONDS

BR22 Administration remarks

BR23 Radiocommunication Bureau comments