

E_TSUM Requested by: RICKYP		Date: 18.08.2015 4:25:28 PM		DB: SPACECAP_V7.MDB		Plan Id.:		Notice type: NONGEO		
A	A1a Sat. Network	CICERO	A1f1 Notifying adm.	USA	A1f3 Inter. sat. org.		BR1 Date of receipt	10.08.2015	BR20 BR IFIC no.	
BR6a/BR6b Id. no.		2	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
UPLINK	R		3		399.9 - 400.5	EA
UHFDOWN	E		5		399.9 - 400.5	EA
XDOWN	E		4		8025 - 8400	ER

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BR6a/BR6b Id. no. 2 BR3a Provision reference 9.1/IA BR2 Adm. serial no. UPLINK R

A1f2 Submitted on behalf

A4b1 No. of orbital planes 1 A4b2 Ref. body T

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

Orbital plane id. no.	A4b4a Inclination angle	A4b4b No. of satellites in this plane	A4b4c Period	A4b4d Apogee	A4b4e Perigee	A4b4f Min. altitude
1	97.4	1	0-01:35	600e0	600e0	600e0

B1a/BR17 Beam designation UPLINK B1b Steerable B2 Emi-Rcp R B3a1 Max. co-polar gain 0

B2bis.a Transmit only when visible from notified service area B2bis.b Min. Elev. Angle

B3c1 Co-polar antenna pattern					
Co-polar ref. pattern	Coef. A	Coef. B			Co-polar rad. diag.
					1

List of orbital planes
1

B4a3a1 Angle alpha B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id. 3 BR1 Date of receipt 10.08.2015 C2c RR No. 4.4 Y

BR14 Special Section

C4a Class of station EA C3a Assigned freq. band C5a Noise temperature 303

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

C11a2 Service area XAA C11a3 Service area diagram

A2b Period of valid. 2 A3a Op. agency 999 A3b Adm. resp. A BR16 Value of type C8b

BR60 Regulatory deadline(s) 11.44/11.44.1

C1 Frequency Range	
C1a Lower limit	C1b Upper limit
399.9 MHz	400.5 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.	C8f2 E.i.r.p. on the beam axis
1 9K60F2D--	0	-20	-3.7		-30		21.8		

C7b Carrier frequency of the emissions (9K60F2D--)
399.925 MHz

C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.	C10c2 Ctry	C10d1/C10d2 Cts. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwdth					
TYVAK IRVINE FAC	S	117W44 04 33N39 03	USA	1 TA CR	16.2	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.
TYVAK IRVINE FAC							4

13C Remarks

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 A A1a Sat. Network CICERO A1f1 Notifying adm. USA A1f3 Inter. sat. org. BR1 Date of receipt 10.08.2015 BR20 BR IFIC no.
 BR6a/BR6b Id. no. 2 BR3a Provision reference 9.1/IA BR2 Adm. serial no. UHFDOWN E

B1a/BR17 Beam designation UHFDOWN B1b Steerable B2 Emi-Rcp E B3a1 Max. co-polar gain 0

B2bis.a Transmit only when visible from notified service area B2bis.b Min. Elev. Angle

B3c1 Co-polar antenna pattern					
Co-polar ref. pattern	Coef. A	Coef. B			Co-polar rad. diag.
					1

List of orbital planes
1

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

BR7a/BR7b Group id. 5 BR1 Date of receipt 10.08.2015 C2c RR No. 4.4 Y

BR14 Special Section

C4a Class of station EA C3a Assigned freq. band
 C4b Nature of service CR 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. 2 A3a Op. agency 999 A3b Adm. resp. A BR16 Value of type C8b

BR60 Regulatory deadline(s) 11.44/11.44.1

C1 Frequency Range			
C1a Lower limit	C1b Upper limit		
399.9	MHz	400.5	MHz

C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Atch.	C8c3 Min. pwr dens.	C8c4 Atch.	C8e1 C/N ratio	C8e2 Atch.	C8f1 E.i.r.p. on the beam axis
1 9K60F2D--	0	-20	-3.7		-30		21.8		

C7b Carrier frequency of the emissions (9K60F2D--)									
399.925	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.
TYVAK IRVINE FAC	S	117W44 04	33N39 03	USA	1	TA CR	16.2	27.9	175

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.
TYVAK IRVINE FAC							4

13C Remarks

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

B2bis.a Transmit only when visible from notified service area B2bis.b Min. Elev. Angle

B3c1 Co-polar antenna pattern					
Co-polar ref. pattern	Coef. A	Coef. B			Co-polar rad. diag.
					2

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BR6a/BR6b Id. no.		2	BR3a Provision reference		9.1/IA	BR2 Adm. serial no.			XDOWN E

List of orbital planes
1

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

BR7a/BR7b Group id.	4	BR1 Date of receipt	10.08.2015	C2c RR No. 4.4	Y
BR14 Special Section					
C4a Class of station	ER	C3a Assigned freq. band			
C4b Nature of service	CV	C6a Polarization type	CR	C6b Polarization angle	<input type="text"/>
C8d1 Max. tot. peak pwr.	<input type="text"/>	C8d2 Contiguous bandwidth	<input type="text"/>		
C11a2 Service area	USA	C11a3 Service area diagram <input type="text"/>			
A2b Period of valid.	2	A3a Op. agency	999	A3b Adm. resp.	A
BR16 Value of type C8b		<input type="text"/>			
BR60 Regulatory deadline(s) 11.44/11.44.1 <input type="text"/>					

C1 Frequency Range	
C1a Lower limit	C1b Upper limit
8025 MHz	8400 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 10M0F2DXX	7	-20	4		-30		18.7		

C7b Carrier frequency of the emissions (10M0F2DXX)									
8200	MHz								

C10b1	C10b2	C10c1	C10c2	C10d1/C10d2	C10d3	C10d4	C10d6		
Assoc. earth station id.	Type	Geographical coord.	Ctry	Cls. / Nat.	Max. iso. gain	Bmwdth	Noise temp.		
KSAT XBAND	T			1 TR CV	54.4	0.27	175		

C10d5a Co-polar antenna pattern							
C10b1	Co-polar ref. pattern	Coef. A	Coef. B	Coef. C	Coef. D	Phi1	Co-polar rad. diag.
KSAT XBAND	REC-465-5						

13C Remarks

BR22 Administration remarks

BR23 Radiocommunication Bureau comments