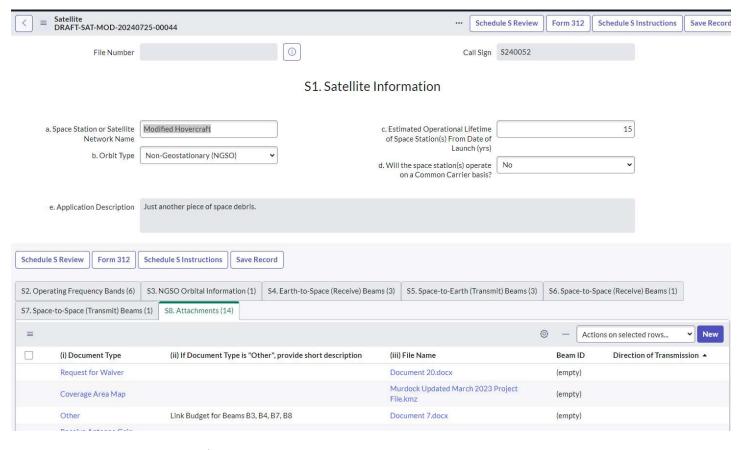
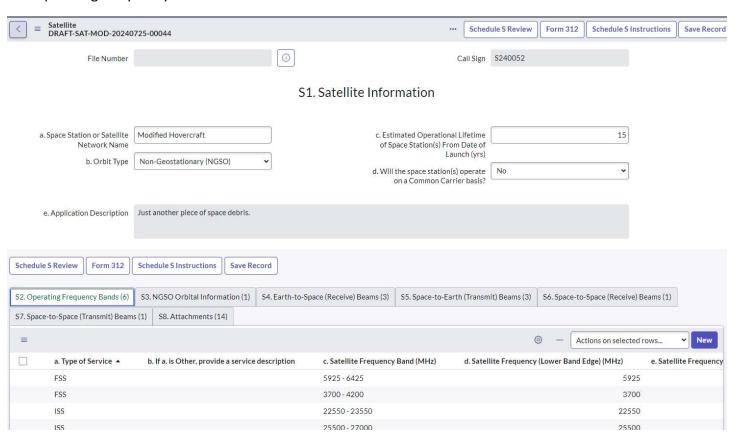
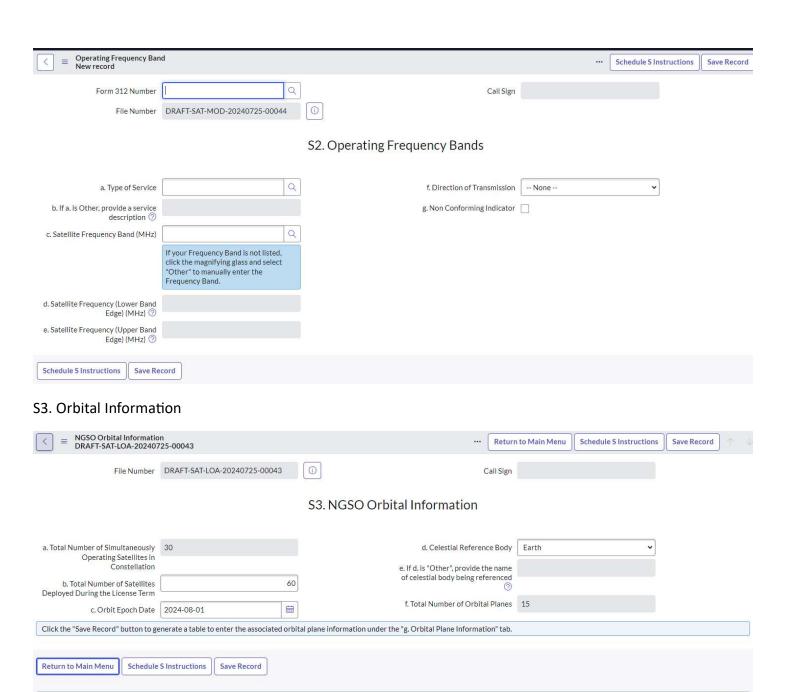
Schedule S NGSO

S1. Satellite Information



S2. Operating Frequency Bands





(iii) Inclination Angle (°)

57.5

57.5

57.5

57.5

57.5

2

2

2

(iv) Inclination Angle Tolerance (+/-°)

0.1

0.1

0.1

0.1

0.1

Actions on selected rows...

(xi) Right Ascension of Ascending Node (°)

New

0

60

120

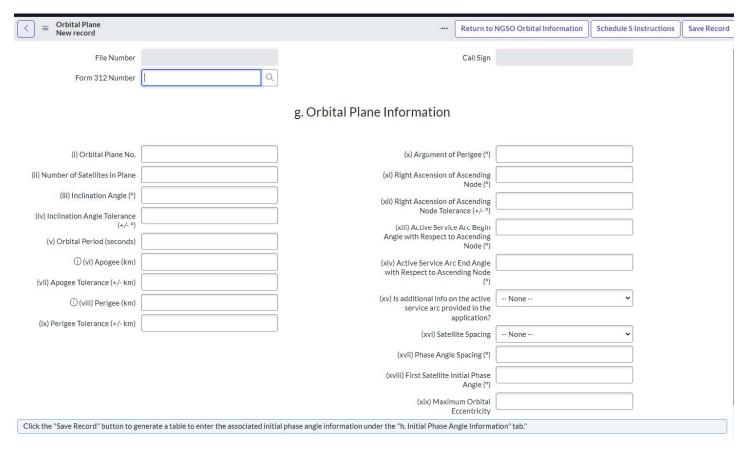
180

180

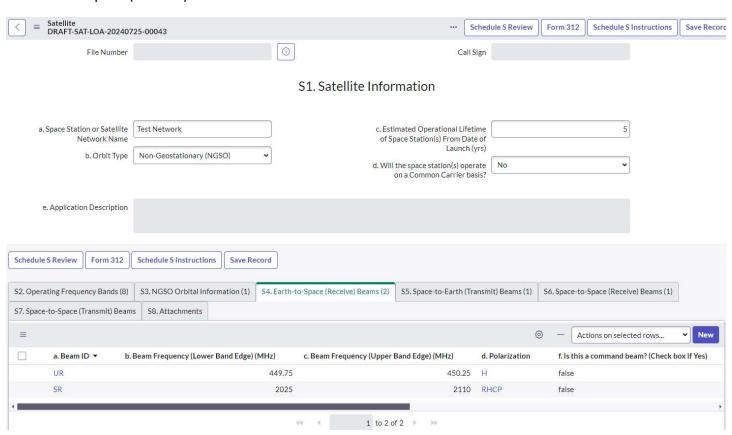
g. Orbital Plane Information

(i) Orbital Plane No. 🔺

(ii) Number of Satellites in Plane



S4. Earth-to-Space (Receive) Beams

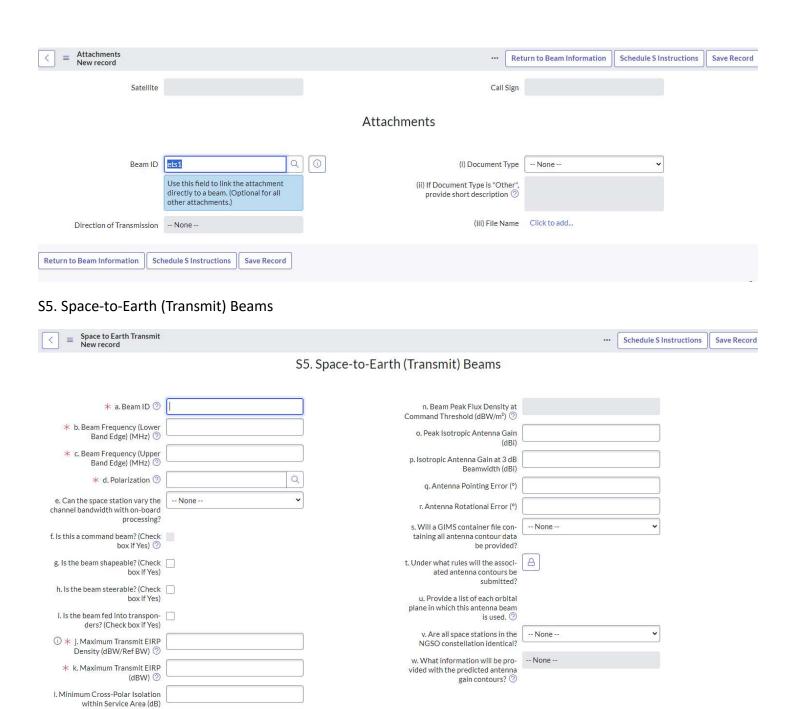


Earth to Space Receive New record					Schedule S Instructions	Save Record
		S4. Earth-to-Space	ce (Receive) Beams			
* a. Beam ID ②			n. Beam Peak Flux Density at Command Threshold (dBW/m²) ⑦			
* b. Beam Frequency (Lower Band Edge) (MHz) ②			o. Peak Isotropic Antenna Gain			
* c. Beam Frequency (Upper Band Edge) (MHz) ②			(dBi) p. Isotropic Antenna Gain at 3 dB			
* d. Polarization ①		Q	Beamwidth (dBi) q. Antenna Pointing Error (°)			
e. Can the space station vary the channel bandwidth with on-board	None	•	r. Antenna Rotational Error (°)			
processing? f. Is this a command beam? (Check	П		s. Will a GIMS container file con- taining all antenna contour data	None	•	
box if Yes)	-		be provided? t. Under what rules will the associ-	A		
g. Is the beam shapeable? (Check box if Yes)			ated antenna contours be submitted?			
h. Is the beam steerable? (Check box if Yes)			u. Provide a list of each orbital plane in which this antenna beam			
i. Is the beam fed into transpon- ders? (Check box if Yes)			is used. ② v. Are all space stations in the	None	•	
* j. Maximum G/T (dB/K) ②			NGSO constellation identical?	None		
k. Minimum G/T (dB/K) I. Maximum Saturation Flux			vided with the predicted antenna gain contours? ②	Hone		
Density (dBW/m²) ② m. Minimum Saturation Flux						
Density (dBW/m²) ②			the III. Beach Change I III to be a de-		NAV 0 505 44 4/- VAV 0	
documentation under the "z. Beam /		associated channel information unde	r the "x. Receive Channels" tab, and to	attach the required §25.114(d	(4)(VI) Or §25.114(C)(4)(VII)	3
Return to Main Menu Clone Bea	Schedule S Instructions	Clone Beam with Channels/PFDs	Create Channels in Bulk Save R	ecord Delete Record		
x. Receive Channels z. Beam Atta	chments					
=					⊚ -	New
(i) Document 1	Type (ii) If Document T	ype is "Other", provide short descrip	rtion (iii) File Name	a. Beam ID	Direction of Transmission	
		F				
< ≡ Channel			R	Return to Beam Information	Schedule S Instructions	Save Record
New record						
File Number			Call Sig	n		
		x. Cł	nannels			
Beam ID	ets1	0	(i) Channel II			
Beam Frequency Band (MHz) ②	•		(ii) Channel Bandwidth (MH;	z)		
			(iii) Center Frequency (MH2	z)		
			(iv) Channel Frequency (Lowe Band Edge) (MH			
			(v) Channel Frequency (Uppe Band Edge) (MH:			
			(vi) Channel Typ	e None	•	

Schedule S Instructions

Return to Beam Information

Save Record



Please click the "Save Record" button to generate a table to enter the associated channel information under the "x. Transmit Channels" tab, the maximum power-flux density information under the "y. Max. Power-Flux Densities" tab, and to attach the required \$25.114(c)(4)(vi) or \$25.114(c)(4)(vi) documentation under the "z. Beam Attachments" tab.

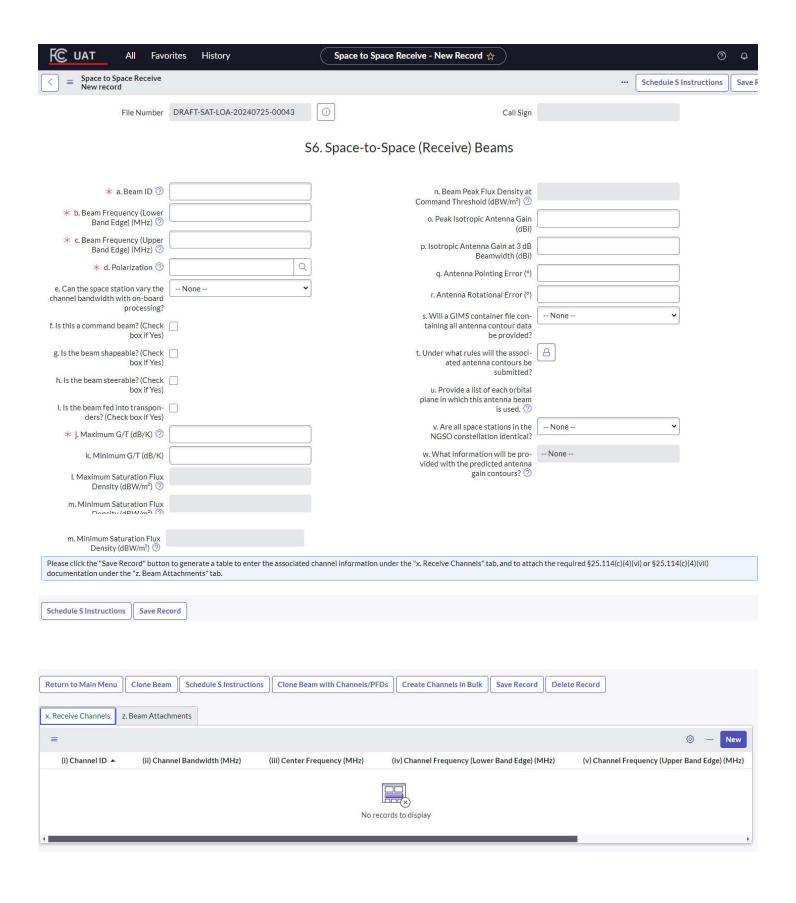
m. Minimum Saturation Flux Density (dBW/m²) ②

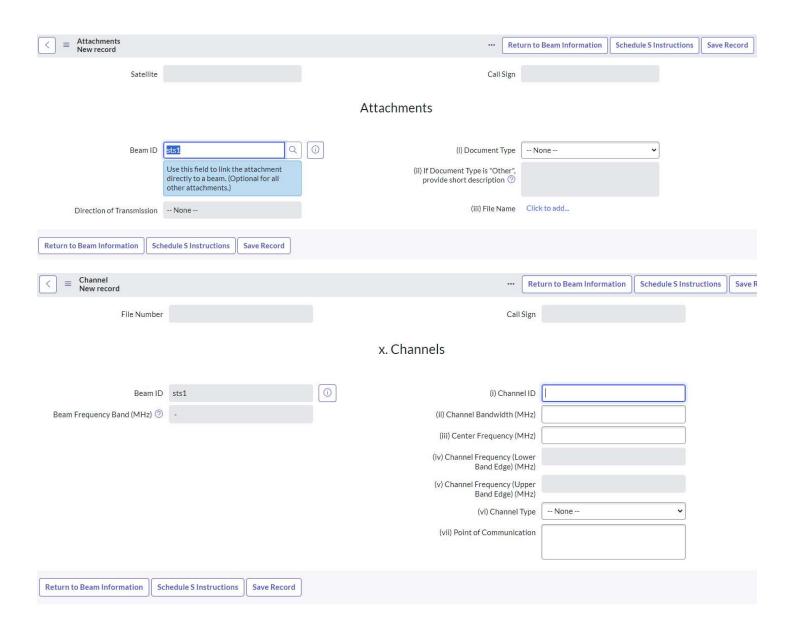


Channel New record				Return to Beam Information	Schedule S Instructions	Save Record
File Number			Call	Sign		
		x. Chanr	nels			
Beam ID	ste1	0	(i) Channe	eIID [
Beam Frequency Band (MHz) ①			(ii) Channel Bandwidth (M	1Hz)		
			(iii) Center Frequency (M	1Hz)		
			(iv) Channel Frequency (Lo Band Edge) (M			
			(v) Channel Frequency (Up Band Edge) (M			
			(vi) Channel 1	Type None	•	
Power Flux Density)(-)r -
New record			•••	Return to Beam Information	Schedule S Instructions	Save Recor
		y. Max. Power-Fl	ux Densities			
Beam ID	ste1	0	(i) Beam Sub-Frequency (Lo Band Edge) (N			
Beam Frequency Band (MHz) ②	*		(ii) Beam Sub-Frequency (Up Band Edge) (N			
Enter the applicable maximum power	er flux density (PFD) values for the transmi	t beam. Enter all associated data			veen -1000.0 and -50.0 dBV	V/m²/BW.
a.) Bandwidth: From the drop down	list, select a reference bandwidth of 4 kHz,	1 MHz or 200 MHz appropriate	to the transmission band, as s	specified in Section 25.208.		
b.) For all satellite services and frequencies in dBW/m²/BW.	uency bands covered and not covered by th	e following two cases, provide th	e maximum PFD values at an	gles of arrival of 0-2°, 2-5°, 5-15°,	15-20°, 20-25° and 25-90° a	bove the
c.) For NGSO/FSS sharing with MVD	DDS in the 12200-12700 MHz frequency b	and, provide the maximum PFD v	ralues at angles of arrival of 0	-2°, and 2-5° above the horizon in	dBW/m²/BW.	
d.) For DBS or 17/24 GHz BSS, and/o geographic regions in dBW/m²/BW, a	or service within any portion of the 17300- as defined in § 25.208(w).	17800 MHz frequency band, pro	vide the maximum PFD value	es in each of the Southeastern, No	rtheastern, Western and O	her
	* 3.					
Reference Bandwidth						
(iii) Reference Bandwidth (BW)	None				•	
Angles of Arrival PFD						
(iv) 0-2° (dBW/m²/BW)						
(v) 2-5° (dBW/m²/BW)						
(vi) 5-15° (dBW/m²/BW)						
(vii) 15-20° (dBW/m²/BW)						
(viii) 20-25° (dBW/m²/BW)						

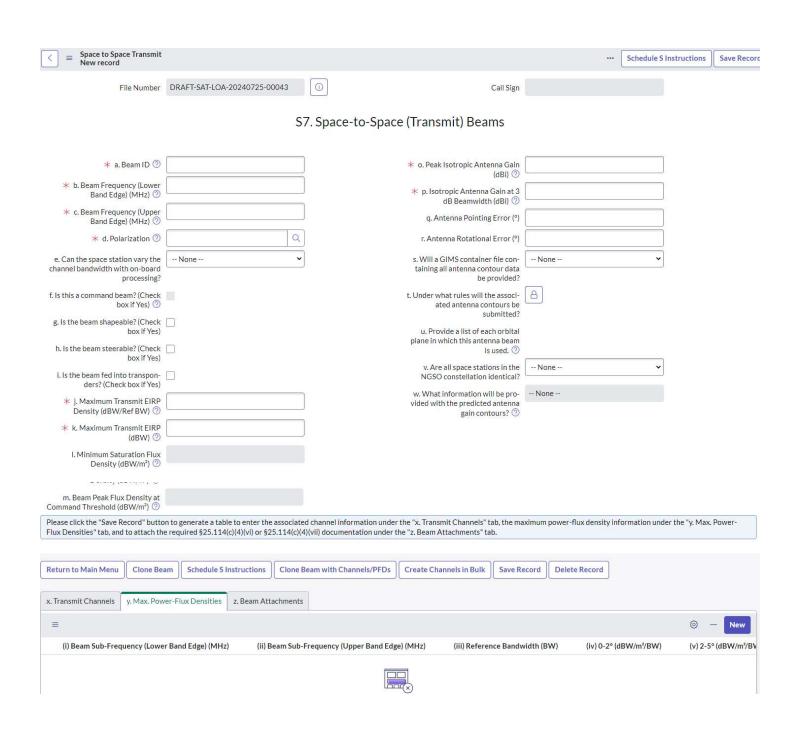
(ix) 25-90° (dBW/m²/BV	V)				
Geographic Region PFD					
(x) Southeastern Regio (dBW/m²/BV	on V)				
(xi) Northeastern Regio (dBW/m²/BV					
(xii) Western Regio (dBW/m²/BV	on (V)				
(xiii) Other Region (dBW/m²/BV	v) [
Energy Dispersal Bandwid (xiv) Energy Dispersal Bandwid (kH	th				
Return to Beam Information	Schedule S Instructions Save Record				
<		··· Re	eturn to Beam Information	Schedule S Instructions	Save Record
Satellite		Call Sign			
		Attachments			
Beam ID	stc1 Q	(i) Document Type	None	•	
	Use this field to link the attachment directly to a beam. (Optional for all other attachments.)	(ii) If Document Type is "Other" provide short description ②			
Direction of Transmission	None	(iii) File Name	Click to add		
Return to Beam Information Sc	hedule S Instructions Save Record				

S6. Space-to-Space (Receive) Beams





S7. Space-to-Space (Transmit) Beams



Channel New record		(Return to Beam Information	Schedule S Instructions	Save Record
File Number		Call S	ign		
		x. Channels			
Beam ID	stst1	(i) Channel	ID [
Beam Frequency Band (MHz) ②		(ii) Channel Bandwidth (Mi	Hz)		
		(iii) Center Frequency (Mi	Hz)		
		(iv) Channel Frequency (Lov Band Edge) (M			
		(v) Channel Frequency (Up) Band Edge) (MI			
		(vi) Channel Ty	/pe None	~	
		(vii) Point of Communicati	ion		
Return to Beam Information Sci	hedule S Instructions Save Record				
Return to Dean Information	Save record				
Power Flux Density New record			Return to Beam Information	Schedule S Instructions	Save Record
File Number		Call Sig	n		
		y. Max. Power-Flux Densities			
		_			
Beam ID	stst1	(i) Beam Sub-Frequency (Lowe Band Edge) (MHz			
Beam Frequency Band (MHz) 🗇	2:	(ii) Beam Sub-Frequency (Uppe	r		
Enter the applicable maximum powe	r flux density (PFD) values for the transmit	Band Edge) (MHz beam. Enter all associated data in the displayed fields. Power Flu		en -1000.0 and -50.0 dBW/r	n²/BW.
a.) Bandwidth: From the drop down I	ist, select a reference bandwidth of 4 kHz,	1 MHz or 200 MHz appropriate to the transmission band, as spec	cified in Section 25.208.		
b.) For all satellite services and frequ	ency bands covered and not covered by th	e following two cases, provide the maximum PFD values at angle	s of arrival of 0-2°, 2-5°, 5-15°, 15	5-20°, 20-25° and 25-90° abo	ove the
horizon in dBW/m²/BW.					
c.) For NGSO/FSS sharing with MVD	DS in the 12200-12700 MHz frequency ba	and, provide the maximum PFD values at angles of arrival of 0-2°,	and 2-5° above the horizon in dE	3W/m²/BW.	
d.) For DBS or 17/24 GHz BSS, and/o geographic regions in dBW/m²/BW, a		17800 MHz frequency band, provide the maximum PFD values in	n each of the Southeastern, North	heastern, Western and Othe	er
Reference Bandwidth					
(iii) Reference Bandwidth (BW)	None			~	
Angles of Arrival PFD					
(iv) 0-2° (dBW/m²/BW)					
(v) 2-5° (dBW/m²/BW)					
(vi) 5-15° (dBW/m²/BW)					

(vii) 15-20° (dBW/m²/BW)					
(viii) 20-25° (dBW/m²/BW)					
(ix) 25-90° (dBW/m²/BW)					
Geographic Region PFD					
(x) Southeastern Region (dBW/m²/BW)					
(xi) Northeastern Region (dBW/m²/BW)					
(xii) Western Region (dBW/m²/BW)					
(xiii) Other Region (dBW/m²/BW)					
Energy Dispersal Bandwidth					
(xiv) Energy Dispersal Bandwidth (kHz)					
(xiv) Energy Dispersal Bandwidth (kHz)					
(kHz)					
(kHz)	e S Instructions Save Record				
Return to Beam Information Schedule	e S Instructions Save Record			Schodulo S Instructi	Sava Passar
(kHz) Return to Beam Information Schedule	e S Instructions Save Record			Schedule S Instruction	ons Save Recor
Return to Beam Information Schedule Schedule Attachments New record	e S Instructions Save Record FT-SAT-LOA-20240725-00043	① Call Sign		Schedule S Instruction	ons Save Recor
Return to Beam Information Schedule Schedule Attachments New record				Schedule S Instruction	ons Save Recor
Return to Beam Information Schedule Schedule Attachments New record		① Call Sign Attachments		Schedule S Instruction	ons Save Recor
Return to Beam Information Schedule Schedule Attachments New record Satellite DRAF	FT-SAT-LOA-20240725-00043			Schedule S Instruction	ons Save Recor
Return to Beam Information Schedule Schedule Attachments New record			 None	Schedule S Instruction	Ons Save Recor
Return to Beam Information Schedule Schedule Attachments New record Satellite DRAF	FT-SAT-LOA-20240725-00043	Attachments		Schedule S Instruction	ons Save Recon
Return to Beam Information Schedule Schedule Attachments New record Satellite DRAF	his field to link the attachment tly to a beam. (Optional for all attachments.)	Attachments (i) Document Type (ii) If Document Type is "Other", provide short description ③		Schedule S Instruction	ons Save Recon
Return to Beam Information Schedule Schedule Attachments New record Satellite DRAF	his field to link the attachment tly to a beam. (Optional for all attachments.)	Attachments (i) Document Type (ii) If Document Type is "Other", provide short description ③	None	Schedule S Instruction	ons Save Recon