

			Receiving Task	Validate Task	Plan Mission	Forward Task	Maintaining Time Sync	Managing Power	Managing Relative Position	Monitoring Performance	Updating Software	Configuring Camera Mode	Calibrating Camera	Capturing Image	Logging Imagery	Ingest Imagery	Perform Quality Check	Execute Algorithm	Generate IDs & Metadata	Manage On-Board Storage Cap.	Selecting Route Path	Establishing Inter-Satellite Link	Acknowledge Transmission Receipt	Verifying Data Integrity	Establish Ground Station Connection	Encrypt Metadata	Transmit Metadata	
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Mission Planning & Tasking	Receiving Task	01	f	i		f															i		f	i				
	Validate Task	02	i		f																							
	Plan Mission	03		i		i		f			f											f						
	Forward Task	04	i																			i						
Health & Status Monitoring	Maintaining Time Sync	05		f			b														f						f	
	Managing Power	06					b		i	i	i							i										
	Managing Relative Position	07		i		b																						
	Monitoring Performance	08							f									i	i									
	Updating Software	09							i																			
Aquiring Data	Configuring Camera Mode	10		i		f						i	f															
	Calibrating Camera	11				f						f																
	Capturing Imagery	12				f						i	i	f	f													
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Onboard Processing	Ingest Imagery	14											i	i														
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	Manage On-Board Storage Capacity	18							f				i				i	i										
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