

Team Name	Team ID	Science Mission	Extreme Retrieval and Delivery Mission	Equipment Servicing Mission	Autonomous Traversal Mission
AGH Space Systems	AGH	Fri 14:05	Sat 12:00	Thu 8:20	<p>All Teams Begin 40 Minutes After They Begin Equipment Servicing Mission</p> <p>You will only have 10 minutes between the two Missions!</p> <p>If you complete the Equipment Servicing Mission early, you may use this extra time to prepare for the Atonomous Traversal Mission</p>
AIUB Robotic Crew	AIUB	Sat 7:25	Thu 14:10	Fri 10:20	
Argo	Argo	Thu 12:40	Fri 10:30	Sat 7:00	
BRACU Mongol-Tori	BRACU	Sat 13:05	Thu 11:10	Fri 7:40	
BYU MARS ROVER	BYU	Thu 9:50	Fri 7:30	Sat 12:20	
Carleton Planetary Robotics Team	Carleton	Sat 9:50	Thu 7:30	Fri 12:20	
Cornell Mars Rover	Cornell	Thu 11:40	Fri 9:40	Sat 14:20	
Eagle X	Eagle X	Fri 8:50	Sat 15:40	Thu 11:40	
Husky Robotics	Husky	Fri 11:40	Sat 9:40	Thu 14:20	
IMPULS	IMPULS	Thu 8:25	Fri 15:00	Sat 11:00	
ITU Rover Team	ITU	Sat 8:25	Thu 15:00	Fri 11:00	
KNR	KNR	Sat 14:05	Thu 12:00	Fri 8:20	
Legendary Rover Team	Legendary	Fri 11:15	Sat 9:00	Thu 13:40	
Mars Rover Design Team	MRDT	Fri 12:40	Sat 10:30	Thu 7:00	
Mars Rover Manipal	Manipal	Fri 10:15	Sat 8:10	Thu 13:00	
Michigan Mars Rover Team	Michigan	Thu 10:15	Fri 8:10	Sat 13:00	
Northeastern University Mars Rover Team	NUMRT	Sat 10:15	Thu 8:10	Fri 13:00	
Nova Rover	Nova	Sat 7:00	Thu 13:30	Fri 9:40	
PCz Rover Team	PCz	Thu 14:05	Fri 12:00	Sat 8:20	
Pegasus 3.0	Pegasus	Thu 7:00	Fri 13:30	Sat 9:40	
Pharaohs Team	Pharaohs	Sat 11:40	Thu 9:40	Fri 14:20	
Queen's Space Engineering Team	QSET	Fri 7:00	Sat 13:30	Thu 9:40	
RoverX	RoverX	Fri 8:25	Sat 15:00	Thu 11:00	
RUDRA	RUDRA	Fri 13:05	Sat 11:10	Thu 7:40	
Ryerson Rams Robotics (R3)	R3	Thu 11:15	Fri 9:00	Sat 13:40	
SJSU Robotics	SJSU	Sat 8:50	Thu 15:40	Fri 11:40	
SKA Robotics	SKA	Fri 14:05	Sat 12:40	Thu 9:00	
Space Concordia: Robotics Division	Concordia	Fri 9:50	Sat 7:30	Thu 12:20	
Stanford Student Robotics	Stanford	Sat 12:40	Thu 10:30	Fri 7:00	
TEAM ANVESHAK	Anveshak	Fri 7:25	Sat 14:10	Thu 10:20	
Titan Rover	Titan	Thu 13:05	Fri 11:10	Sat 7:40	
UAA Robotics	UAA	Sat 11:15	Thu 9:00	Fri 13:40	
University of Waterloo Robotics Team	Waterloo	Thu 8:50	Fri 15:40	Sat 11:40	
Wisconsin Robotics	Wisconsin	Thu 7:25	Fri 14:10	Sat 10:20	

Times listed are when your setup begins!

All times listed in 24 hour format (23:59)

Start times at the North Site Missions may be delayed depending on the number of teams who pass through to Stages 3-4 of the Autonomous Traversal Mission!

South Site		Hab Site		North Site		
Thursday		Thursday		Thursday		
Science Mission		Extreme Retrieval & Delivery Mission		Equipment Servicing & Autonomous Traversal Missions		
Station 1	Station 2	Station 1	Station 2	Station 1	Station 2	Station 3
7:00	Setup (15)			Setup (15)		
7:10						
7:20	Pegasus (25)	Setup (15)		MRDT (30)		
7:30	Analysis & Briefing (25)			Equip. Serv.		
7:40				Maintenance (10)		
7:50		Setup (20)			Setup (15)	
8:00		Carleton (35)		Auton. Trvrs. Stages	RUDRA (30)	
8:10		Stage 1			Equip. Serv.	
8:20	Setup (15)	Stage 2 (20)	Setup (20)		Maintenance (10)	Setup (15)
8:30			NUMRT (35)			AGH (30)
8:40		Teardown (10)	Stage 1			Equip. Serv.
8:50	IMPULS (25)			Teardown (10)	Auton. Trvrs. Stages	Maintenance (10)
9:00		Setup (20)	Stage 2 (20)	Setup (15)		
9:10	Analysis & Briefing (25)	UAA (35)		SKA (30)		
9:20		Stage 1		Equip. Serv.		
9:30	Teardown (10)			Maintenance (10)		
9:40	Setup (15)	Stage 2 (20)	Setup (20)		Setup (15)	Auton. Trvrs. Stages
9:50		Teardown (10)	Pharaohs (35)		QSET (30)	
10:00	BYU (25)		Stage 1	Auton. Trvrs. Stages	Equip. Serv.	Teardown (10)
10:10		Setup (20)			Maintenance (10)	Setup (15)
10:20	Analysis & Briefing (25)	Stanford (35)	Stage 2 (20)	Teardown (10)		Anveshak (30)
10:30		Stage 1		Setup (15)		Equip. Serv.
10:40	Teardown (10)					Maintenance (10)
10:50	Setup (15)	Stage 2 (20)	Setup (20)	RoverX (30)		
11:00		Teardown (10)	BRACU (35)	Equip. Serv.		
11:10	Analysis & Briefing (25)		Stage 1	Maintenance (10)	Setup (15)	Auton. Trvrs. Stages
11:20		Setup (20)				
11:30	Setup (15)	Stage 2 (20)		Auton. Trvrs. Stages	Eagle X (30)	
11:40	R3 (25)				Equip. Serv.	Teardown (10)
11:50		Teardown (10)	Stage 2 (20)		Maintenance (10)	Setup (15)
12:00	Analysis & Briefing (25)	Cornell (25)				Concordia (30)
12:10		Analysis & Briefing (25)	KNR (35)			Equip. Serv.
12:20	Teardown (10)		Stage 1	Teardown (10)	Auton. Trvrs. Stages	Maintenance (10)
12:30	Setup (15)			Setup (15)		
12:40		Stage 2 (20)				
12:50	Argo (25)		Teardown (10)			
13:00		Setup (20)		Manipal (30)		
13:10	Analysis & Briefing (25)			Equip. Serv.		
13:20		Setup (20)		Maintenance (10)	Setup (15)	Auton. Trvrs. Stages
13:30	Analysis & Briefing (25)	Titan (25)				
13:40		Analysis & Briefing (25)	Nova (35)	Auton. Trvrs. Stages	Legendary (30)	
13:50	Teardown (10)		Stage 1		Equip. Serv.	Teardown (10)
14:00	Setup (15)				Maintenance (10)	Setup (15)
14:10		Stage 2 (20)				
14:20		Teardown (10)	Setup (20)	Auton. Trvrs. Stages		Husky (30)
14:30	PCz (25)		AIUB (35)			Equip. Serv.
14:40			Stage 1	Teardown (10)		Maintenance (10)
14:50	Analysis & Briefing (25)					
15:00		Setup (20)	Stage 2 (20)		Auton. Trvrs. Stages	
15:10	Teardown (10)				Teardown (10)	
15:20		ITU (35)				
15:30		Stage 1				
15:40			Setup (20)			
15:50		Stage 2 (20)				
16:00		Teardown (10)	SJSU (35)			
16:10			Stage 1			
16:20						
16:30			Stage 2 (20)			
16:40						
16:50			Teardown (10)			
17:00						
17:10						
17:20						
17:30						
17:40						
17:50						
18:00						

South Site		Hab Site		North Site		
Friday		Friday		Friday		
Science Mission		Extreme Retrieval & Delivery Mission		Equipment Servicing & Autonomous Traversal Missions		
Station 1	Station 2	Station 1	Station 2	Station 1	Station 2	Station 3
7:00	Setup (15)			Setup (15)		
7:10						
7:20	QSET (25)			Stanford (30)		
7:30	Analysis & Briefing (25)			Equip. Serv.		
7:40				Maintenance (10)		
7:50						
8:00		Setup (20)			Setup (15)	
8:10	Anveshak (25)	BYU (35)		Auton. Trvrs. Stages	BRACU (30)	
8:20	Analysis & Briefing (25)	Stage 1			Equip. Serv.	
8:30	Teardown (10)	Stage 2 (20)	Setup (20)		Maintenance (10)	Setup (15)
8:40	Setup (15)	Teardown (10)	Michigan (35)			KNR (30)
8:50			Stage 1			Equip. Serv.
9:00	RoverX (25)			Teardown (10)	Auton. Trvrs. Stages	Maintenance (10)
9:10	Analysis & Briefing (25)					
9:20	Teardown (10)	Setup (20)				
9:30		R3 (35)				
9:40		Stage 1				
9:50	Setup (15)	Stage 2 (20)	Setup (20)			
10:00	Concordia (25)	Teardown (10)	Cornell (35)		Nova (30)	
10:10			Stage 1		Equip. Serv.	Teardown (10)
10:20					Maintenance (10)	Setup (15)
10:30	Analysis & Briefing (25)	Setup (20)				AIUB (30)
10:40	Teardown (10)	Argo (35)			Auton. Trvrs. Stages	Equip. Serv.
10:50		Stage 1				Maintenance (10)
11:00	Setup (15)	Stage 2 (20)	Setup (20)	Setup (15)		
11:10		Teardown (10)	Titan (35)	ITU (30)		Auton. Trvrs. Stages
11:20			Stage 1	Equip. Serv.		
11:30	Legendary (25)			Maintenance (10)		
11:40	Analysis & Briefing (25)	Setup (20)				
11:50	Teardown (10)	Husky (25)		Auton. Trvrs. Stages	SJSU (30)	
12:00		Analysis & Briefing (25)			Equip. Serv.	Teardown (10)
12:10		Teardown (10)			Maintenance (10)	Setup (15)
12:20	Setup (15)	PCz (35)				Carleton (30)
12:30		Stage 1			Auton. Trvrs. Stages	Equip. Serv.
12:40		Stage 2 (20)		Teardown (10)		Maintenance (10)
12:50		Teardown (10)				
13:00	MRDT (25)			Setup (15)		
13:10	Analysis & Briefing (25)			NUMRT (30)		
13:20	Teardown (10)	Setup (20)		Equip. Serv.		
13:30		Pegasus (35)		Maintenance (10)		
13:40		Stage 1				
13:50	Setup (15)	Stage 2 (20)	Setup (20)	Auton. Trvrs. Stages	UAA (30)	
14:00		Teardown (10)	Wisconsin (35)		Equip. Serv.	Teardown (10)
14:10			Stage 1		Maintenance (10)	Setup (15)
14:20	AGH (25)					Pharaohs (30)
14:30	Analysis & Briefing (25)			Auton. Trvrs. Stages		Equip. Serv.
14:40	Teardown (10)					Maintenance (10)
14:50		Setup (20)				
15:00		SKA (25)				
15:10		Analysis & Briefing (25)				
15:20		Teardown (10)				
15:30		IMPULS (35)				
15:40		Stage 1				
15:50		Stage 2 (20)	Setup (20)			
16:00		Teardown (10)	Waterloo (35)			
16:10			Stage 1			
16:20						
16:30						
16:40						
16:50						
17:00						
17:10						
17:20						
17:30						
17:40						
17:50						
18:00						

South Site		Hab Site		North Site		
Saturday		Saturday		Saturday		
Science Mission		Extreme Retrieval & Delivery Mission		Equipment Servicing & Autonomous Traversal Missions		
Station 1	Station 2	Station 1	Station 2	Station 1	Station 2	Station 3
7:00	Setup (15)			Setup (15)		
7:10						
7:20	Nova (25)	Setup (15)		Argo (30)		
7:30	Analysis & Briefing (25)			Equip. Serv.		
7:40				Maintenance (10)		
7:50						
8:00	Teardown (10)	AIUB (25)	Setup (20)		Setup (15)	
8:10		Analysis & Briefing (25)	Concordia (35)		Titan (30)	
8:20	Setup (15)		Stage 1		Equip. Serv.	
8:30			Stage 2 (20)	Setup (20)	Maintenance (10)	Setup (15)
8:40			Teardown (10)	Manipal (35)		PCz (30)
8:50	ITU (25)	Setup (15)		Stage 1		Equip. Serv.
9:00						Maintenance (10)
9:10	Analysis & Briefing (25)			Stage 2 (20)		Auton. Trvrs. Stages
9:20		SJSU (25)	Setup (20)			
9:30	Teardown (10)	Analysis & Briefing (25)	Legendary (35)	Setup (20)		
9:40			Stage 1			
9:50	Setup (15)		Stage 2 (20)			
10:00			Teardown (10)	Husky (35)		
10:10	Carleton (25)	Setup (15)		Stage 1		
10:20						
10:30	Analysis & Briefing (25)			Stage 2 (20)		
10:40		NUMRT (25)	Setup (20)			
10:50	Teardown (10)	Analysis & Briefing (25)	MRDT (35)	Setup (20)		
11:00			Stage 1			
11:10	Setup (15)		Stage 2 (20)			
11:20			Teardown (10)	RUDRA (35)		
11:30				Stage 1		
11:40	UAA (25)	Setup (15)				
11:50						
12:00	Analysis & Briefing (25)	Pharaohs (25)	Setup (20)			
12:10		Analysis & Briefing (25)	AGH (35)			
12:20	Teardown (10)		Stage 1			
12:30			Stage 2 (20)			
12:40	Setup (15)		Teardown (10)	Setup (20)		
12:50						
13:00	Stanford (25)	Setup (15)	Stage 2 (20)			
13:10			Teardown (10)	SKA (35)		
13:20				Stage 1		
13:30	Analysis & Briefing (25)	BRACU (25)	Setup (20)			
13:40		Analysis & Briefing (25)	QSET (35)			
13:50	Teardown (10)		Stage 1			
14:00			Stage 2 (20)			
14:10	Setup (15)		Teardown (10)	Setup (20)		
14:20						
14:30	KNR (25)			Anveshak (35)		
14:40				Stage 1		
14:50	Analysis & Briefing (25)					
15:00				Stage 2 (20)		
15:10	Teardown (10)			Teardown (10)		
15:20						
15:30				Setup (20)		
15:40						
15:50						
16:00				RoverX (35)		
16:10				Stage 1		
16:20				Stage 2 (20)		
16:30				Teardown (10)		
16:40						
16:50						
17:00				Eagle X (35)		
17:10				Stage 1		
17:20				Stage 2 (20)		
17:30				Teardown (10)		
17:40						
17:50						
18:00						

Team Name	Team ID	144 MHz	433 MHz	900 MHz	1.3 GHz	2.4 GHz	3.4 GHz	5.8 GHz
AGH Space Systems	AGH		X			X		X
AIUB Robotic Crew	AIUB					X		
Argo	Argo		X			X		X
BRACU Mongol-Tori	BRACU					X		X
BYU MARS ROVER	BYU			X		X		
Carleton Planetary Robotics Team	Carleton			X				
Cornell Mars Rover	Cornell			X		X		X
Eagle X	Eagle X					X		
Husky Robotics	Husky					X		
IMPULS	IMPULS			X		X		X
ITU Rover Team	ITU					X		X
KNR	KNR					X		
Legendary Rover Team	Legendary		X		X	X		X
Mars Rover Design Team	MRDT			X		X		X
Mars Rover Manipal	Manipal					X		X
Michigan Mars Rover Team	Michigan			X				
Northeastern University Mars Rover Team	NUMRT					X		
Nova Rover	Nova			X				X
PCz Rover Team	PCz					X		X
Pegasus 3.0	Pegasus					X		
Pharaohs Team	Pharaohs			X		X		
Queen's Space Engineering Team	QSET					X		
RoverX	RoverX					X		X
RUDRA	RUDRA			X	X	X		
Ryerson Rams Robotics (R3)	R3			X		X		
SJSU Robotics	SJSU			X	X	X		X
SKA Robotics	SKA					X		X
Space Concordia: Robotics Division	Concordia			X		X		
Stanford Student Robotics	Stanford			X		X		
TEAM ANVESHAK	Anveshak					X		
Titan Rover	Titan	X	X		X	X	X	
UAA Robotics	UAA			X				
University of Waterloo Robotics Team	Waterloo			X		X		
Wisconsin Robotics	Wisconsin			X		X		

CONTROLLED COMMUNICATIONS BANDS - ALLOWED SUB-BAND USAGE BY Mission STATION

South Site		Hab Site		North Site		
Station 1	Station 2	Station 1	Station 2	Station 1	Station 2	Station 3
900 MHz: Low Sub-Band (902-910 MHz)	900 MHz: Mid Sub-Band (911-919 MHz)	900 MHz: Mid Sub-Band (911-919 MHz)	900 MHz: High Sub-Band (920-928 MHz)	900 MHz: Low Sub-Band (902-910 MHz)	900 MHz: Mid Sub-Band (911-919 MHz)	900 MHz: High Sub-Band (920-928 MHz)
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2.4 GHz: Channels 1, 2, 3	2.4 GHz: Channels 5, 6, 7	2.4 GHz: Channels 5, 6, 7	2.4 GHz: Channels 9, 10, 11	2.4 GHz: Channels 1, 2, 3	2.4 GHz: Channels 5, 6, 7	2.4 GHz: Channels 9, 10, 11