

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Feb. 1 Sa	18:30 19:00	E,C		---	facility open		
	19:00 22:00	E,C	X	101 Lisse	SpeX/MORIS	SJB	
	22:00 23:00	E,C	X	056 Goto	SpeX	SJB	
	23:00 06:20	E	X	023 Arredondo	SpeX/MORIS	SJB	
Feb. 2 Su	06:20 06:30	E		---	facility close		
Feb. 2 Su	18:30 19:00	C		---	facility open		
	19:00 23:30	C		093 Marcotulli	SpeX	SJB	First Night
	23:30 06:20	C	X	023 Arredondo	SpeX/MORIS	SJB	
Feb. 3 Mo	06:20 06:30	C		---	facility close		
Feb. 3 Mo	18:30 19:00	C		---	facility open		
	19:00 21:30	C	X	105 Thomas	SpeX/MORIS	SJB	
	21:30 00:30	C	X	061 Howell	SpeX	SJB	
Feb. 4 Tu	00:30 02:30	C	X	105 Thomas	SpeX/MORIS	SJB	
	02:30 06:20	C	X	050 Takir	SpeX	SJB	
	06:20 06:30	C		---	facility close		
	10:00 16:00			---	inst. change		
Feb. 4 Tu	17:45 18:15	C,G,O		---	facility open		
	18:15 05:35	C,G,O	X	028 Faggi	iSHELL	ACB	
Feb. 5 We	05:35 05:45	C		---	facility close		
Feb. 5 We	17:45 18:15	G,O		---	facility open		
	18:15 23:15	G,O	X	028 Faggi	iSHELL	ACB	
	23:15 05:35	G,O	X	088 Cale	iSHELL	ACB	
Feb. 6 Th	05:35 05:45	G,O		---	facility close		
Feb. 6 Th	17:45 18:15	G,O		---	facility open		
	18:15 23:15	G,O	X	063 Saki	iSHELL	MSC	
	23:15 02:15	G,O	X	038 Hodapp	iSHELL	MSC	
Feb. 7 Fr	02:15 05:35	G,O	X	088 Cale	iSHELL	SJB	
	05:35 05:45	G,O		---	facility close		
Feb. 7 Fr	18:30 19:00	G,O,E		---	facility open		
	19:00 00:15	G,O,E	X	096 Connelley	iSHELL	MSC	
Feb. 8 Sa	00:15 05:50	G,O	X	088 Cale	iSHELL	MSC	
	05:50 06:20	G,O		---	inst. change		
	06:20 06:30	G,O		---	facility close		
Feb. 8 Sa	18:30 19:00	E		---	facility open		
	19:00 21:00	E	X	052 Protopapa	SpeX/MORIS	ACB	
	21:00 02:00	E	X	061 Howell	SpeX	ACB	
Feb. 9 Su	02:00 05:50	E	X	095 Rubin	SpeX	ACB	First Night
	05:50 06:20	E		---	inst. change		
	06:20 06:30	E		---	facility close		
Feb. 9 Su	18:30 19:00	E		---	facility open		
	19:00 00:15	E	X	096 Connelley	iSHELL	MSC	
Feb. 10 Mo	00:15 06:20	E	X	088 Cale	iSHELL	SJB	

	06:20	06:30	E						---	facility close
Feb. 10 Mo	18:30	19:00	E,C						---	facility open
	19:00	00:15	E,C	X	096	Connelley	iSHELL			MSC
Feb. 11 Tu	00:15	06:20	E	X	088	Cale	iSHELL			MSC
	06:20	06:30	E						---	facility close
	10:00	16:00							---	inst. change
Feb. 11 Tu	18:30	19:00	C						---	facility open
	19:00	00:40	C	X	089	McGraw	SpeX/MORIS			MSC
Feb. 12 We	00:40	06:20	C	X	102	Zhang	SpeX			MSC
	06:20	06:30	C						---	facility close
	10:00	16:00							---	inst. change
Feb. 12 We	18:30	19:00	C						---	facility open
	19:00	00:15	C	X	096	Connelley	iSHELL			MSC
Feb. 13 Th	00:15	06:20	C	X	088	Cale	iSHELL			MSC
	06:20	06:30	C						---	facility close
	10:00	16:00							---	inst. change
Feb. 13 Th	18:30	19:00	C,W						---	facility open
	19:00	22:00	C,W	X	061	Howell	SpeX			SJB
	22:00	06:20	C		093	Marcotulli	SpeX			SJB
Feb. 14 Fr	06:20	06:30	C						---	facility close
	10:00	16:00							---	inst. change
Feb. 14 Fr	18:30	19:00	W						---	facility open
	19:00	00:15	W	X	096	Connelley	iSHELL			MSC
Feb. 15 Sa	00:15	06:20	W	X	088	Cale	iSHELL			MSC
	06:20	06:30	W						---	facility close
Feb. 15 Sa	07:05	07:35	O						---	facility open
	07:35	08:05	O						---	inst. change
	08:05	09:35	O	X	065	Tate	SpeX			ACB Daylight Obs, Io Eclipse
	09:35	10:05	O						---	inst. change
	10:05	10:15	O						---	facility close
Feb. 15 Sa	18:30	19:00	G						---	facility open
	19:00	00:15	G	X	096	Connelley	iSHELL			MSC
Feb. 16 Su	00:15	00:45	G						---	inst. change
	00:45	05:50	G	X	102	Zhang	SpeX			MSC
	05:50	06:20	G						---	inst. change
	06:20	06:30	G						---	facility close
Feb. 16 Su	18:30	19:00	G,W						---	facility open
	19:00	00:15	G,W	X	096	Connelley	iSHELL			MSC
Feb. 17 Mo	00:15	06:20	G	X	088	Cale	iSHELL			MSC
	06:20	06:30	G						---	facility close
Feb. 17 Mo	18:30	19:00	W						---	facility open
	19:00	23:30	W	X	056	Goto	iSHELL			ACB

	23:30	23:59	W				---	inst. change			
	23:59	06:20	W	X	077	Polishook		SpeX/MORIS		ACB	
Feb. 18 Tu	06:20	06:30	W				---	facility close			
	10:00	16:00					---	inst. change			
Feb. 18 Tu	18:30	19:00	E				---	facility open			
	19:00	23:30	E	X	056	Goto		iSHELL		ACB	
	23:30	06:20	E	X	088	Cale		iSHELL		ACB	
Feb. 19 We	06:20	06:30	E				---	facility close			
Feb. 19 We	18:30	19:00	E,C				---	facility open			
	19:00	23:00	E,C	X	091	Boogert		iSHELL		ACB	
	23:00	06:20	E	X	088	Cale		iSHELL		SJB	
Feb. 20 Th	06:20	06:30	E				---	facility close			
Feb. 20 Th	18:30	19:00	C				---	facility open			
	19:00	23:00	C	X	091	Boogert		iSHELL		ACB	
	23:00	06:20	C	X	088	Cale		iSHELL		ACB	
Feb. 21 Fr	06:20	06:30	C				---	facility close			
	10:00	16:00					---	inst. change			
Feb. 21 Fr	18:30	19:00	C				---	facility open			
	19:00	06:20	C	X	046	Devoegele		SpeX		SJB	First Night
Feb. 22 Sa	06:20	06:30	C				---	facility close			
Feb. 22 Sa	09:35	10:05	M				---	facility open			
	10:05	11:35	M	X	065	Tate		SpeX		ACB	Daylight Obs, Io Eclipse
	11:35	11:45	M				---	facility close			
Feb. 22 Sa	18:30	19:00	C,G,O				---	facility open			
	19:00	21:50	C,G,O		006	Reddy		SpeX/MORIS		SJB	
	21:50	03:30	C,G,O		076	McGraw		SpeX/MORIS		SJB	First Night
Feb. 23 Su	03:30	06:20	C		006	Reddy		SpeX/MORIS		SJB	
	06:20	06:30	C				---	facility close			
Feb. 23 Su	18:30	19:00	G,O				---	facility open			
	19:00	21:50	G,O		006	Reddy		SpeX/MORIS		SJB	
	21:50	03:30	G,O		076	McGraw		SpeX/MORIS		SJB	
Feb. 24 Mo	03:30	06:20	G,O		006	Reddy		SpeX/MORIS		SJB	
	06:20	06:30	G,O				---	facility close			
Feb. 24 Mo	18:30	19:00	G,O				---	facility open			
	19:00	23:00	G,O	X	093	Marcotulli		SpeX		SJB	
	23:00	02:20	G,O	X	105	Thomas		SpeX/MORIS		SJB	
Feb. 25 Tu	02:20	06:20	G,O	X	093	Marcotulli		SpeX		SJB	
	06:20	06:30	G,O				---	facility close			
	10:00	16:00					---	inst. change			
Feb. 25 Tu	18:30	19:00	G,O,W,E				---	facility open			
	19:00	22:30	G,O,W,EX		091	Boogert		iSHELL		ACB	
	22:30	04:30	G,O,W,E		058	Mansfield		iSHELL		ACB	First Night, Transit

Feb. 26 We	04:30	06:20	G,O,W	X	055	Stahl	iSHELL	ACB
	06:20	06:30	G,O,W				--- facility close	
	10:00	16:00					--- inst. change	
Feb. 26 We	18:00	18:30	E				--- facility open	
	18:30	21:00	E	X	040	Bus	SpeX/MORIS	SJB
	21:00	23:59	E	X	038	Hodapp	SpeX	MSC
	23:59	05:50	E	X	040	Bus	SpeX/MORIS	SJB
Feb. 27 Th	05:50	06:00	E				--- facility close	
Feb. 27 Th	18:00	18:30	E				--- facility open	
	18:30	00:30	E	X	040	Bus	SpeX/MORIS	SJB
Feb. 28 Fr	00:30	01:00	E				--- inst. change	
	01:00	05:50	E	X	012	Gaidos	iSHELL	SJB
	05:50	06:00	E				--- facility close	
	10:00	16:00					--- inst. change	
Feb. 28 Fr	18:30	19:00	E,C				--- facility open	
	19:00	05:50	E,C	X	023	Arredondo	SpeX/MORIS	SJB
Feb. 29 Sa	05:50	06:20	E				--- inst. change	
	06:20	06:30	E				--- facility close	
Feb. 29 Sa	18:30	19:00	C				--- facility open	
	19:00	04:30	C	X	047	Rebollido	iSHELL	MSC First Night

Observer List**February, 2020**

006 Vishnu Reddy, Juan Sanchez
012 Eric Gaidos, Jen van Saders
023 Anicia Arredondo, Humberto Campins, Noemi Pinilla-Alonso
028 Sara Faggi, Michael J. Mumma, Geronimio L. Villanueva, Manuela Lippi
038 Klaus Hodapp, Bo Reipurth
040 Schelte J. Bus, Francesca DeMeo, Michael Marsset, David Polishook, Brian Burt, Richard P. Binzel, Cristina Thomas, Nicholas Moskovitz, Andrew Rivkin
046 Maxime Devogele, Paolo Tanga, Alberto Cellino
047 Isabel Rebolledo, Christine Chen, Sean Brittain, Carlos Eiroa, Eva Villaver, Benjamin Montesinos
050 Driss Takir, Joshua Emery
052 Silvia Protopapa, Bin Yang, Mike Kelley
055 Asa Stahl, Christopher Johns-Krull, Laura Flagg
056 Miwa Goto, Paola Caselli, Silvia Spezzano, Olli Sipilä, Jorma Harju
058 Megan Mansfield, Michael Line, Jacob Bean, Matteo Brogi, Eliza Kempton, Emily Rauscher
061 Ellen Howell, Ronald Vervack, Yan Fernandez, Mary Hinkle, Agata Rozek
063 Mohammad Saki, Erika Gibb, Michael DiSanti, Neil Dello Russo, Boncho Bonev, Ron Vervack, Nathan Roth, Younas Khan, Adam McKay, Hideyo Kawakita
065 Christian Tate, Julie Rathbun, Alexander Hayes, John Spencer, Paul Corlies, Christian Tate, Julie Rathbun, John Spencer, Alexander Hayes, Paul Corlies
076 Allison McGraw, Vishnu Reddy, Juan Sanchez
077 David Polishook, Francesca DeMeo, Nicholas Moskovitz, Richard Binzel
088 Bryson Cale, Peter Plavchan, Eric Gaidos, Johanna Teske, Angelle Tanner
089 Lauren McGraw, Josh Emery, Cristina Thomas, Andy Rivkin
091 Adwin Boogert, Karl Kaess, Matt Richter
093 Lea Marcotulli, Meenakshi Rajagopal, Marco Ajello, Sean Brittain, Stefano Marchesi
095 David Rubin
096 Michael Connelley, Christian Flores
101 Carey Lisse, Mike Sitko, Hans Moritz Gunther, Scott Wolk
102 Zhoujian Zhang, Michael Liu, Eugene Magnier, William Best
105 Cristina Thomas, Joshua Emery, Lauren McGraw, Andrew Rivkin, Margaret McAdam

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Mar. 1 Su	04:30 06:20	C	X	055 Stahl	iSHELL	MSC	
	06:20 06:30	C			---	facility close	
Mar. 1 Su	18:30 19:00	C			---	facility open	
	19:00 04:30	C	X	012 Gaidos	iSHELL	MSC	
Mar. 2 Mo	04:30 06:20	C	X	055 Stahl	iSHELL	MSC	
	06:20 06:30	C			---	facility close	
	10:00 16:00				---	inst. change	
Mar. 2 Mo	18:30 19:00	C,G,M			---	facility open	
	19:00 06:20	C,G,M	X	050 Takir	SpeX	SJB	
Mar. 3 Tu	06:20 06:30	C			---	facility close	
Mar. 3 Tu	18:30 19:00	G,M			---	facility open	
	19:00 06:20	G,M	X	069 Smart	SpeX	MSC	
Mar. 4 We	06:20 06:30	G,M			---	facility close	
Mar. 4 We	18:30 19:00	G,M			---	facility open	
	19:00 06:20	G,M	X	102 Zhang	SpeX	MSC	
Mar. 5 Th	06:20 06:30	G,M			---	facility close	
Mar. 5 Th	18:30 19:00	G,M,E			---	facility open	
	19:00 23:00	G,M,E		999 Engineering	TBD	SJB	
	23:00 01:00	G,M,E	X	105 Thomas	SpeX/MORIS	SJB	
Mar. 6 Fr	01:00 06:20	G,M		999 Engineering	TBD	SJB	
	06:20 06:30	G,M			---	facility close	
Mar. 6 Fr	18:30 19:00	E			---	facility open	
	19:00 00:40	E	X	996 Han	iSHELL	SJB	
Mar. 7 Sa	00:40 06:20	E	X	088 Cale	iSHELL	SJB	
	06:20 06:30	E			---	facility close	
Mar. 7 Sa	18:30 19:00	E			---	facility open	
	19:00 00:40	E	X	996 Han	iSHELL	SJB	
Mar. 8 Su	00:40 06:20	E	X	088 Cale	iSHELL	SJB	
	06:20 06:30	E			---	facility close	
Mar. 8 Su	18:30 19:00	E,C			---	facility open	
	19:00 23:00	E,C	X	099 Flores	iSHELL	MSC	
	23:00 06:20	E	X	040 Bus	SpeX/MORIS	SJB	
Mar. 9 Mo	06:20 06:30	E			---	facility close	
Mar. 9 Mo	18:30 19:00	C			---	facility open	
	19:00 06:20	C	X	102 Zhang	SpeX	MSC	
Mar. 10 Tu	06:20 06:30	C			---	facility close	
	10:00 16:00				---	inst. change	
Mar. 10 Tu	18:30 19:00	C			---	facility open	
	19:00 06:20	C	X	012 Gaidos	iSHELL	MSC	
Mar. 11 We	06:20 06:30	C			---	facility close	
Mar. 11 We	18:30 19:00	C,G,O			---	facility open	
	19:00 22:00	C,G,O	X	994 Cushing	SpeX	SJB	

	22:00	03:00	C,G,O	X	006	Reddy	SpeX/MORIS	SJB
Mar. 12 Th	03:00	06:20	C	X	108	Boogert	SpeX	ACB
	06:20	06:30	C			--- facility close		
Mar. 12 Th	18:30	19:00	G,O			--- facility open		
	19:00	06:20	G,O		999	Engineering	TBD	SJB
Mar. 13 Fr	06:20	06:30	G,O			--- facility close		
Mar. 13 Fr	18:30	19:00	G,O			--- facility open		
	19:00	06:20	G,O		044	Jao	SpeX	MSC First Night
Mar. 14 Sa	06:20	06:30	G,O			--- facility close		
Mar. 14 Sa	18:30	19:00	G,O,E			--- facility open		
	19:00	06:20	G,O,E		044	Jao	SpeX	MSC
Mar. 15 Su	06:20	06:30	G,O			--- facility close		
Mar. 15 Su	18:30	19:00	E			--- facility open		
	19:00	06:20	E		999	Engineering	TBD	SJB
Mar. 16 Mo	06:20	06:30	E			--- facility close		
Mar. 16 Mo	18:30	19:00	E			--- facility open		
	19:00	03:20	E		999	Engineering	TBD	SJB
Mar. 17 Tu	03:20	06:20	E	X	085	Trilling	MIRSI/MOC	MSC First Night
	06:20	06:30	E			--- facility close		
	10:00	16:00				--- inst. change		
Mar. 17 Tu	18:35	19:05	E,M			--- facility open		
	19:05	22:05	E,M	X	061	Howell	SpeX	MSC
	22:05	02:55	E,M	X	090	Shahbandeh	SpeX/MORIS	MSC
Mar. 18 We	02:55	04:55	E	X	002	Landt	SpeX	MSC
	04:55	06:25	E	X	065	Tate	SpeX	MSC Io Eclipse
	06:25	06:35	E			--- facility close		
Mar. 18 We	18:30	19:00	M			--- facility open		
	19:00	06:20	M		999	Engineering	TBD	SJB
Mar. 19 Th	06:20	06:30	M			--- facility close		
Mar. 19 Th	18:30	19:00	M			--- facility open		
	19:00	01:30	M	X	058	Mansfield	iSHELL	ACB Transit
Mar. 20 Fr	01:30	04:00	M	X	002	Landt	iSHELL	ACB
	04:00	06:20	M	X	055	Stahl	iSHELL	ACB
	06:20	06:30	M			--- facility close		
	10:00	16:00				--- inst. change		
Mar. 20 Fr	18:30	19:00	M,G			--- facility open		
	19:00	00:40	M,G	X	077	Polishook	SpeX/MORIS	ACB
Mar. 21 Sa	00:40	06:20	M	X	090	Shahbandeh	SpeX/MORIS	ACB
	06:20	06:30	M			--- facility close		
Mar. 21 Sa	18:30	19:00	G			--- facility open		
	19:00	06:20	G	X	006	Reddy	SpeX/MORIS	ACB
Mar. 22 Su	06:20	06:30	G			--- facility close		

Mar. 22 Su	18:30	19:00	G				---	facility open		
	19:00	22:00	G	X	994	Cushing	SpeX		SJB	
	22:00	02:30	G	X	006	Reddy	SpeX/MORIS		SJB	
Mar. 23 Mo	02:30	06:20	G	X	108	Boogert	SpeX		ACB	
	06:20	06:30	G				---	facility close		
Mar. 23 Mo	18:30	19:00	G,E				---	facility open		
	19:00	02:30	G,E	X	069	Smart	SpeX		MSC	
Mar. 24 Tu	02:30	06:20	G	X	108	Boogert	SpeX		ACB	
	06:20	06:30	G				---	facility close		
Mar. 24 Tu	18:30	19:00	E				---	facility open		
	19:00	06:20	E	X	069	Smart	SpeX		MSC	
Mar. 25 We	06:20	06:30	E				---	facility close		
Mar. 25 We	18:30	19:00	E				---	facility open		
	19:00	06:20	E	X	040	Bus	SpeX/MORIS		SJB	
Mar. 26 Th	06:20	06:30	E				---	facility close		
Mar. 26 Th	18:30	19:00	C				---	facility open		
	19:00	01:50	C	X	006	Reddy	SpeX/MORIS		MSC	
Mar. 27 Fr	01:50	02:20	C				---	inst. change		
	02:20	06:20	C	X	091	Boogert	iSHELL		ACB	
	06:20	06:30	C				---	facility close		
	10:00	16:00					---	inst. change		
Mar. 27 Fr	18:30	19:00	C				---	facility open		
	19:00	06:20	C	X	046	Devogele	SpeX		SJB	
Mar. 28 Sa	06:20	06:30	C				---	facility close		
Mar. 28 Sa	18:30	19:00	C				---	facility open		
	19:00	22:00	C	X	038	Hodapp	SpeX		MSC	
	22:00	01:50	C	X	095	Rubin	SpeX		ACB	
Mar. 29 Su	01:50	05:50	C	X	052	Protopapa	SpeX/MORIS		MSC	
	05:50	06:20	C				---	inst. change		
	06:20	06:30	C				---	facility close		
Mar. 29 Su	18:30	19:00	C,G				---	facility open		
	19:00	22:00	C,G	X	038	Hodapp	iSHELL		MSC	
	22:00	01:50	C,G	X	024	Shkolnik	iSHELL		ACB	
Mar. 30 Mo	01:50	06:20	C	X	078	Banzatti	iSHELL		ACB	
	06:20	06:30	C				---	facility close		
Mar. 30 Mo	14:30	15:00	O				---	facility open		
	15:00	19:00	O,G	X	019	Marcq	iSHELL		ACB	Daylight Obs
	19:00	01:50	G	X	024	Shkolnik	iSHELL		ACB	
Mar. 31 Tu	01:50	06:20	G	X	078	Banzatti	iSHELL		ACB	
	06:20	06:30	G				---	facility close		
Mar. 31 Tu	14:30	15:00	O				---	facility open		
	15:00	19:00	O,G	X	019	Marcq	iSHELL		ACB	Daylight Obs

19:00 01:50 G X 024 Shkolnik iSHELL ACB

Observer List**March, 2020**

002 Hermine Landt, Jake Mitchell, Martin Ward, Maryam Dehghanian, Gary Ferland, Conor Wildy, Karen Leighly, Missagh Mehdipour
006 Vishnu Reddy, Juan Sanchez
012 Eric Gaidos, Jen van Saders
019 Emmanuel Marcq, Franck Lefevre, Therese Encrenaz, Thomas Widemann
024 Evgenya Shkolnik, Joe Llana, Tyler Richey-Yowell
038 Klaus Hodapp, Bo Reipurth
040 Schelte J. Bus, Francesca DeMeo, Michael Marsset, David Polishook, Brian Burt, Richard P. Binzel, Cristina Thomas, Nicholas Moskovitz, Andrew Rivkin
044 Wei-Chun Jao, Sergio Dieterich
046 Maxime Devogele, Paolo Tanga, Alberto Cellino
050 Driss Takir, Joshua Emery
052 Silvia Protopapa, Bin Yang, Mike Kelley
055 Asa Stahl, Christopher Johns-Krull, Laura Flagg
058 Megan Mansfield, Michael Line, Jacob Bean, Matteo Brogi, Eliza Kempton, Emily Rauscher
061 Ellen Howell, Ronald Vervack, Yan Fernandez, Mary Hinkle, Agata Rozek
065 Christian Tate, Julie Rathbun, Alexander Hayes, John Spencer, Paul Corlies, Christian Tate, Julie Rathbun, John Spencer, Alexander Hayes, Paul Corlies
069 Richard Smart, Federico Marocco, William Cooper, Adam Burgasser, Davy Kirkpatrick, Mike Cushing, Juan Carlos Beamin, Luis Sarro, Jose Caballero, Celine Reyle, Eric Mamajek, Hugh R. A. Jones, Jacqueline Faherty, Kelle Cruz, Maria Rosa Zapatero-Osorio, Nicolas Lodieu
077 David Polishook, Francesca DeMeo, Nicholas Moskovitz, Richard Binzel
078 Andrea Banzatti, Sean Brittain, Andrew Watkins, Stanley Jensen, John Rayner, Michael Sanchez, Kirsten Abernathy, Ivan Vazquez
085 David Trilling, Joseph Hora, Michael Mommert, Howard Smith, Andy Lopez
088 Bryson Cale, Peter Plavchan, Eric Gaidos, Johanna Teske, Angelle Tanner
090 Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Saurabh Jha, Chris Ashall, Edward Baron, Chris Burns, Scott Davis, Francisco Forster, Lluís Galbany, Peter Hoeflich, Sahana Kumar, Jing Lu, Howie Marion, Nidia Morrell, Anthony Piro, Max Stritzinger, Nicholas Suntzeff, Syed Ashraf Uddin
091 Adwin Boogert, Karl Kaess, Matt Richter
095 David Rubin
099 Christian Flores, Michael Connelley
102 Zhoujian Zhang, Michael Liu, Eugene Magnier, William Best
105 Cristina Thomas, Joshua Emery, Lauren McGraw, Andrew Rivkin, Margaret McAdam
108 Adwin Boogert

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Apr. 1 We	01:50 06:20	G	X	078 Banzatti	iSHELL	ACB	
	06:20 06:30	G		---	facility close		
Apr. 1 We	14:30 15:00	M		---	facility open		
	15:00 19:00	M,G,E	X	019 Marcq	iSHELL	ACB	Daylight Obs
	19:00 01:50	G,E	X	024 Shkolnik	iSHELL	ACB	
Apr. 2 Th	01:50 06:20	G	X	078 Banzatti	iSHELL	ACB	
	06:20 06:30	G		---	facility close		
	10:00 16:00			---	inst. change		
Apr. 2 Th	18:20 18:50	E		---	facility open		
	18:50 01:00	E		999 Engineering	SpeX	SJB	
Apr. 3 Fr	01:00 06:10	E	X	008 Luhman	SpeX	MSC	
	06:10 06:20	E		---	facility close		
	10:00 11:30			---	inst. change		
Apr. 3 Fr	11:30 12:00	O		---	facility open		
	12:00 13:30	O		999 Engineering	TEXES	SJB	Daylight Obs
	13:30 18:30	O		013 Encrenaz	TEXES	SJB	Daylight Obs
	18:30 20:00	E,W		999 Engineering	TEXES	SJB	
	20:00 21:00	E,W		020 Harper	TEXES	SJB	
	21:00 22:30	E,W		041 Fuchs	TEXES	SJB	
	22:30 23:00	E,W		---	inst. change		
	23:00 01:00	E,W	X	105 Thomas	SpeX/MORIS	MSC	
Apr. 4 Sa	01:00 06:10	E	X	008 Luhman	SpeX	MSC	
	06:10 06:20	E		---	facility close		
Apr. 4 Sa	12:30 13:00	O,W		---	facility open		
	13:00 13:30	O,W		---	inst. change		
	13:30 18:30	O,W		013 Encrenaz	TEXES	SJB	Daylight Obs
	18:30 21:00	E,C		020 Harper	TEXES	SJB	
	21:00 22:30	E,C		041 Fuchs	TEXES	SJB	
	22:30 23:00	E,C		---	inst. change		
	23:00 01:00	E,C	X	090 Shahbandeh	SpeX/MORIS	MSC	
Apr. 5 Su	01:00 06:10	E	X	008 Luhman	SpeX	MSC	
	06:10 06:20	E		---	facility close		
Apr. 5 Su	12:30 13:00	M		---	facility open		
	13:00 13:30	M		---	inst. change		
	13:30 16:30	M		013 Encrenaz	TEXES	SJB	Daylight Obs
	16:30 18:30	M		015 Giles	TEXES	SJB	Daylight Obs
	18:30 21:00	C,W		020 Harper	TEXES	SJB	
	21:00 22:30	C,W		041 Fuchs	TEXES	SJB	
	22:30 23:00	C,W		---	inst. change		
	23:00 01:00	C,W	X	090 Shahbandeh	SpeX/MORIS	MSC	
Apr. 6 Mo	01:00 06:10	C,W	X	008 Luhman	SpeX	MSC	
	06:10 06:20	C,W		---	facility close		

	10:00	13:00							---	inst. change		
Apr. 6 Mo	13:00	13:30	M							---	facility open	
	13:30	18:30	M		015	Giles	TEXES				SJB	Daylight Obs
	18:30	21:00	C,W		020	Harper	TEXES				SJB	
	21:00	22:30	C,W		041	Fuchs	TEXES				SJB	
	22:30	23:00	C,W							---	inst. change	
	23:00	01:00	C,W	X	090	Shahbandeh	SpeX/MORIS				MSC	
Apr. 7 Tu	01:00	06:10	C,W	X	008	Luhman	SpeX				MSC	
	06:10	06:20	C,W							---	facility close	
Apr. 7 Tu	18:20	18:50	C,G							---	facility open	
	18:50	01:30	C,G	X	102	Zhang	SpeX				MSC	
Apr. 8 We	01:30	02:00	C							---	inst. change	
	02:00	04:30	C		020	Harper	TEXES				SJB	
	04:30	06:30	C,M		064	Blake	TEXES				SJB	
	06:30	10:00	M		014	Antunano	TEXES				SJB	Daylight Obs
	10:00	10:10	M							---	facility close	
Apr. 8 We	18:20	18:50	G							---	facility open	
	18:50	01:30	G		044	Jao	SpeX				MSC	
Apr. 9 Th	01:30	02:00	G							---	inst. change	
	02:00	04:30	G		020	Harper	TEXES				SJB	
	04:30	06:30	G,M		064	Blake	TEXES				SJB	
	06:30	10:00	M		014	Antunano	TEXES				SJB	Daylight Obs
	10:00	10:10	M							---	facility close	
Apr. 9 Th	18:20	18:50	G							---	facility open	
	18:50	01:30	G		044	Jao	SpeX				MSC	
Apr. 10 Fr	01:30	02:00	G							---	inst. change	
	02:00	04:30	G		020	Harper	TEXES				SJB	
	04:30	06:30	G,M		064	Blake	TEXES				SJB	
	06:30	10:00	M		014	Antunano	TEXES				SJB	Daylight Obs
	10:00	10:10	M							---	facility close	
	10:10	16:00								---	inst. change	
Apr. 10 Fr	18:20	18:50	G,E							---	facility open	
	18:50	06:10	G,E		044	Jao	SpeX				MSC	
Apr. 11 Sa	06:10	06:20	G							---	facility close	
Apr. 11 Sa	18:20	18:50	E							---	facility open	
	18:50	23:59	E	X	098	Lisse	SpeX/MORIS				ACB	
	23:59	02:00	E	X	080	Polishook	SpeX/MORIS				ACB	
Apr. 12 Su	02:00	06:10	E	X	102	Zhang	SpeX				ACB	
	06:10	06:20	E							---	facility close	
Apr. 12 Su	18:20	18:50	E							---	facility open	
	18:50	06:10	E	X	114	Pajuelo	SpeX/MORIS				ACB	
Apr. 13 Mo	06:10	06:20	E							---	facility close	

Apr. 13 Mo	18:20	18:50	E,C				--- facility open		
	18:50	01:00	E,C	X	006	Reddy	SpeX/MORIS	MSC	
Apr. 14 Tu	01:00	06:10	E	X	008	Luhman	SpeX	MSC	
	06:10	06:20	E				--- facility close		
Apr. 14 Tu	18:20	18:50	C				--- facility open		
	18:50	01:00	C		999	Engineering	TBD	SJB	
Apr. 15 We	01:00	03:00	C	X	055	Stahl	iSHELL	ACB	
	03:00	06:10	C	X	026	Bjoraker	iSHELL	ACB	
	06:10	06:20	C				--- facility close		
	10:00	16:00					--- inst. change		
Apr. 15 We	18:20	18:50	C				--- facility open		
	18:50	21:50	C	X	061	Howell	SpeX	MSC	
	21:50	06:10	C	X	077	Polishook	SpeX/MORIS	MSC	
Apr. 16 Th	06:10	06:20	C				--- facility close		
Apr. 16 Th	18:20	18:50	C,G,W				--- facility open		
	18:50	02:40	C,G,W		076	McGraw	SpeX/MORIS	SJB	
Apr. 17 Fr	02:40	06:10	C		999	Engineering	TBD	SJB	
	06:10	06:20	C				--- facility close		
Apr. 17 Fr	18:20	18:50	G,W				--- facility open		
	18:50	23:00	G,W	X	085	Trilling	MIRSI/MOC	MSC	
	23:00	23:30	G,W				--- inst. change		
	23:30	06:10	G,W		103	Jian	iSHELL	SJB	First Night
Apr. 18 Sa	06:10	06:20	G,W				--- facility close		
Apr. 18 Sa	18:20	18:50	G,W				--- facility open		
	18:50	19:20	G,W				--- inst. change		
	19:20	00:30	G,W	X	102	Zhang	SpeX	MSC	
Apr. 19 Su	00:30	01:00	G,W				--- inst. change		
	01:00	06:10	G,W		103	Jian	iSHELL	SJB	
	06:10	06:20	G,W				--- facility close		
Apr. 19 Su	18:20	18:50	G,W,E				--- facility open		
	18:50	19:20	G,W,E				--- inst. change		
	19:20	00:30	G,W,E	X	102	Zhang	SpeX	MSC	
Apr. 20 Mo	00:30	01:00	G,W				--- inst. change		
	01:00	06:10	G,W		103	Jian	iSHELL	SJB	
	06:10	06:20	G,W				--- facility close		
	10:00	16:00					--- inst. change		
Apr. 20 Mo	18:20	18:50	E				--- facility open		
	18:50	00:15	E	X	093	Marcotulli	SpeX	SJB	
Apr. 21 Tu	00:15	00:45	E				--- inst. change		
	00:45	06:10	E		103	Jian	iSHELL	SJB	
	06:10	06:20	E				--- facility close		
	10:00	16:00					--- inst. change		

Apr. 21 Tu	18:20	18:50	E				---	facility open		
	18:50	01:00	E	X	011	DeMeo	SpeX/MORIS		SJB	
Apr. 22 We	01:00	01:30	E				---	inst. change		
	01:30	03:00	E	X	055	Stahl	iSHELL		ACB	
	03:00	06:10	E	X	026	Bjoraker	iSHELL		ACB	
	06:10	06:20	E				---	facility close		
	10:00	16:00					---	inst. change		
Apr. 22 We	18:20	18:50	E,C,M				---	facility open		
	18:50	00:15	E,C,M	X	011	DeMeo	SpeX/MORIS		SJB	
Apr. 23 Th	00:15	00:45	E				---	inst. change		
	00:45	06:10	E	X	099	Flores	iSHELL		MSC	
	06:10	06:20	E				---	facility close		
	10:00	16:00					---	inst. change		
Apr. 23 Th	18:20	18:50	C,M				---	facility open		
	18:50	00:15	C,M	X	050	Takir	SpeX		SJB	
Apr. 24 Fr	00:15	00:45	C,M				---	inst. change		
	00:45	06:10	C,M	X	099	Flores	iSHELL		MSC	
	06:10	06:20	C,M				---	facility close		
	10:00	16:00					---	inst. change		
Apr. 24 Fr	18:20	18:50	C,M				---	facility open		
	18:50	00:15	C,M	X	050	Takir	SpeX		SJB	
Apr. 25 Sa	00:15	00:45	C,M				---	inst. change		
	00:45	06:10	C,M	X	099	Flores	iSHELL		MSC	
	06:10	06:20	C,M				---	facility close		
Apr. 25 Sa	18:20	18:50	C,M,G,W				---	facility open		
	18:50	19:20	C,M,G,W				---	inst. change		
	19:20	23:00	C,M,G,WX		089	McGraw	SpeX/MORIS		MSC	
	23:00	03:30	C,M,G,WX		006	Reddy	SpeX/MORIS		MSC	
Apr. 26 Su	03:30	05:00	C,M	X	065	Tate	SpeX		MSC	Io Eclipse
	05:00	06:10	C,M	X	067	Corlies	SpeX		MSC	Service Obs.
	06:10	06:20	C,M				---	facility close		
Apr. 26 Su	18:20	18:50	G,W				---	facility open		
	18:50	00:15	G,W	X	090	Shahbandeh	SpeX/MORIS		MSC	
Apr. 27 Mo	00:15	00:45	G,W				---	inst. change		
	00:45	06:10	G,W	X	099	Flores	iSHELL		MSC	
	06:10	06:20	G,W				---	facility close		
Apr. 27 Mo	18:20	18:50	G,W				---	facility open		
	18:50	00:30	G,W		999	Engineering	TBD		SJB	
Apr. 28 Tu	00:30	06:10	G,W	X	099	Flores	iSHELL		MSC	
	06:10	06:20	G,W				---	facility close		
Apr. 28 Tu	18:20	18:50	G,W,E				---	facility open		
	18:50	21:00	G,W,E		999	Engineering	TBD		SJB	

	21:00	03:00	G,W,E	X	058	Mansfield	iSHELL	MSC	Transit
Apr. 29 We	03:00	06:10	G,W	X	099	Flores	iSHELL	MSC	
	06:10	06:20	G,W			---	facility close		
Apr. 29 We	18:20	18:50	E			---	facility open		
	18:50	00:30	E		999	Engineering	TBD	SJB	
Apr. 30 Th	00:30	06:10	E	X	099	Flores	iSHELL	MSC	
	06:10	06:20	E			---	facility close		
Apr. 30 Th	18:20	18:50	E			---	facility open		
	18:50	00:30	E		999	Engineering	TBD	SJB	

Observer List

April, 2020

- 006 Vishnu Reddy, Juan Sanchez
 008 Kevin Luhman, Taran Esplin
 011 Francesca DeMeo, Schelte J. Bus, Michael Marsset, David Polishook, Brian Burt, Richard P. Binzel, Cristina Thomas, Nicholas Moskovitz, Andrew Rivkin
 013 Therese Encrenaz, Thomas Greathouse, Emmanuel Marcq, Hideo Sagawa, Thomas Widemann, Bruno Bezar, Thierry Fouchet, Sushil Atreya, Yeon Joo Lee, Rohini Giles, Sebastien Lebonnois, Franck Lefevre, Shigeto Watanabe
 014 Arrate Antunano, Leigh Fletcher, Thomas Greathouse, Glenn Orton, Henrik Melin, James Sinclair, Pdraig Donnelly, Rohini Giles, James Blake, Michael Roman, Naomi Rowe-Gurney and Oliver King
 015 Rohini Giles, Thomas Greathouse, Therese Encrenaz, Amanda Brecht
 019 Emmanuel Marcq, Franck Lefevre, Therese Encrenaz, Thomas Widemann
 020 Graham Harper, Matthew Richter, Thomas Greathouse, Edward Guinan, Edward Montiel, Anita Richards
 024 Evgenya Shkolnik, Joe Llana, Tyler Richey-Yowell
 026 Gordon Bjoraker, Michael H. Wong, Tilak Hewagama, Charles Goullaud, Glenn Orton
 041 Guido Fuchs, Thomas Giesen, Daniel Witsch, John Lacy, Thomas Greathouse, Bhaswati Mookerjee
 044 Wei-Chun Jao, Sergio Dieterich
 050 Driss Takir, Joshua Emery
 055 Asa Stahl, Christopher Johns-Krull, Laura Flagg
 058 Megan Mansfield, Michael Line, Jacob Bean, Matteo Brogi, Eliza Kempton, Emily Rauscher
 061 Ellen Howell, Ronald Vervack, Yan Fernandez, Mary Hinkle, Agata Rozek
 064 James Blake, Leigh Fletcher, Thomas Greathouse, Glenn Orton, James Sinclair, Henrik Melin, Arrate Antunano, Mike Roman, Pdraig Donnelly, Naomi Rowe-Gurney, Oliver King
 065 Christian Tate, Julie Rathbun, Alexander Hayes, John Spencer, Paul Corlies, Christian Tate, Julie Rathbun, John Spencer, Alexander Hayes, Paul Corlies
 067 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovic, Elizabeth Turtle, Sebastien Rodriguez, Jonathan Mitchell, Jonathan Lunine, Juan Lora
 076 Allison McGraw, Vishnu Reddy, Juan Sanchez
 077 David Polishook, Francesca DeMeo, Nicholas Moskovitz, Richard Binzel
 078 Andrea Banzatti, Sean Brittain, Andrew Watkins, Stanley Jensen, John Rayner, Michael Sanchez, Kirsten Abernathy, Ivan Vazquez
 080 David Polishook, Nicholas Moskovitz
 085 David Trilling, Joseph Hora, Michael Mommert, Howard Smith, Andy Lopez
 089 Lauren McGraw, Josh Emery, Cristina Thomas, Andy Rivkin
 090 Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Saurabh Jha, Chris Ashall, Edward Baron, Chris Burns, Scott Davis, Francisco Forster, Lluís Galbany, Peter Hoeflich, Sahana Kumar, Jing Lu, Howie Marion, Nidia Morrell, Anthony Piro, Max Stritzinger, Nicholas Suntzeff, Syed Ashraf Uddin
 093 Lea Marcotulli, Meenakshi Rajagopal, Marco Ajello, Sean Brittain, Stefano Marchesi
 098 Carey Lisse, Mike Sitko, Massimo Marengo, Stephen Kane, Steve Desch
 099 Christian Flores, Michael Connelley
 102 Zhoujian Zhang, Michael Liu, Eugene Magnier, William Best
 103 Mingjie Jian, Noriyuki Matsunaga, Alan Tokunaga, Naoto Kobayashi, Daisuke Taniguchi, Scarlet Saez Elgueta, Chikako Yasui
 105 Cristina Thomas, Joshua Emery, Lauren McGraw, Andrew Rivkin, Margaret McAdam
 114 Myriam Pajuelo, Mirel Birlan, Benoit Carry, Francesca DeMeo, Jerome Berthier, Frederic Vachier

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
May. 1 Fr	00:30 06:10	E	X	087 Jensen	iSHELL	ACB	
	06:10 06:20	E		---	facility close		
May. 1 Fr	18:15 18:45	E,C,M		---	facility open		
	18:45 00:25	E,C,M	X	012 Gaidos	iSHELL	ACB	
May. 2 Sa	00:25 06:05	E	X	087 Jensen	iSHELL	ACB	
	06:05 06:15	E		---	facility close		
May. 2 Sa	19:00 19:30	C,M		---	facility open		
	19:30 20:00	C,M		---	inst. change		
	20:00 23:00	C,M	X	061 Howell	SpeX	ACB	
	23:00 02:35	C,M	X	095 Rubin	SpeX	ACB	
May. 3 Su	02:35 04:35	C,M	X	016 Rieke	SpeX	MSC	First Night
	04:35 05:20	C,M	X	067 Corlies	SpeX	MSC	Service Obs.
	05:20 06:50	C,M	X	065 Tate	SpeX	MSC	Io Eclipse
	06:50 07:00	C,M		---	facility close		
May. 3 Su	18:15 18:45	C,M		---	facility open		
	18:45 21:45	C,M		999 Engineering	TBD	SJB	
	21:45 22:15	C,M		---	inst. change		
	22:15 02:30	C,M	X	085 Trilling	MIRSI/MOC	MSC	
May. 4 Mo	02:30 06:05	C,M	X	016 Rieke	MIRSI	MSC	First Night
	06:05 06:15	C,M		---	facility close		
	10:00 16:00			---	inst. change		
May. 4 Mo	18:15 18:45	C,M,G,O		---	facility open		
	18:45 00:25	C,M,G,OX		996 Han	iSHELL	SJB	
May. 5 Tu	00:25 06:05	C,M	X	995 Wendeborn	iSHELL	SJB	
	06:05 06:15	C,M		---	facility close		
	10:00 16:00			---	inst. change		
May. 5 Tu	18:15 18:45	G,O		---	facility open		
	18:45 21:45	G,O	X	061 Howell	SpeX	SJB	
	21:45 04:50	G,O		999 Engineering	TBD	SJB	
May. 6 We	04:50 05:35	G,O	X	067 Corlies	SpeX	SJB	Service Obs.
	05:35 06:05	G,O	X	065 Tate	SpeX	SJB	Service Obs.
	06:05 06:15	G,O		---	facility close		
May. 6 We	18:15 18:45	G,O		---	facility open		
	18:45 00:25	G,O	X	089 McGraw	SpeX/MORIS	SJB	
May. 7 Th	00:25 06:05	G,O		111 De	SpeX	ACB	First Night
	06:05 06:15	G,O		---	facility close		
May. 7 Th	18:15 18:45	G,O,E		---	facility open		
	18:45 23:45	G,O,E	X	061 Howell	SpeX	SJB	
	23:45 06:05	G,O		111 De	SpeX	ACB	
May. 8 Fr	06:05 06:15	G,O		---	facility close		
	10:00 16:00			---	inst. change		
May. 8 Fr	18:15 18:45	E		---	facility open		

	18:45	06:05	E		027	Farihi	MIRSI	MSC	First Night
May. 9 Sa	06:05	06:15	E			--- facility close			
May. 9 Sa	18:15	18:45	E			--- facility open			
	18:45	21:30	E	X	085	Trilling	MIRSI/MOC	MSC	
	21:30	22:00	E			--- inst. change			
	22:00	01:00	E	X	061	Howell	SpeX	MSC	
May. 10 Su	01:00	04:50	E		999	Engineering	TBD	SJB	
	04:50	05:35	E	X	067	Corlies	SpeX	MSC	Service Obs.
	05:35	06:05	E	X	065	Tate	SpeX	MSC	Service Obs.
	06:05	06:15	E			--- facility close			
May. 10 Su	18:15	18:45	E,C			--- facility open			
	18:45	19:15	E,C			--- inst. change			
	19:15	06:05	E,C		027	Farihi	MIRSI	MSC	
May. 11 Mo	06:05	06:15	E			--- facility close			
May. 11 Mo	18:15	18:45	C			--- facility open			
	18:45	01:35	C		999	Engineering	TBD	SJB	
May. 12 Tu	01:35	03:05	C	X	065	Tate	SpeX	SJB	Io Eclipse
	03:05	03:50	C	X	067	Corlies	SpeX	SJB	Service Obs.
	03:50	06:05	C		999	Engineering	TBD	SJB	
	06:05	06:15	C			--- facility close			
May. 12 Tu	18:15	18:45	C			--- facility open			
	18:45	00:25	C	X	090	Shahbandeh	SpeX/MORIS	ACB	
May. 13 We	00:25	06:05	C	X	032	Cotera	SpeX	ACB	First Night
	06:05	06:15	C			--- facility close			
May. 13 We	18:15	18:45	C,G,W			--- facility open			
	18:45	21:25	C,G,W		999	Engineering	TBD	SJB	
	21:25	00:25	C,G,W	X	061	Howell	SpeX	ACB	
May. 14 Th	00:25	06:05	C	X	032	Cotera	SpeX	ACB	
	06:05	06:15	C			--- facility close			
May. 14 Th	18:15	18:45	G,W			--- facility open			
	18:45	23:30	G,W	X	004	Sickafoose	SpeX/MORIS	SJB	Occultation
	23:30	03:30	G,W	X	080	Polishook	SpeX/MORIS	SJB	
May. 15 Fr	03:30	06:05	G,W	X	106	Lisse	SpeX/MORIS	SJB	
	06:05	06:15	G,W			--- facility close			
May. 15 Fr	18:15	18:45	G,W			--- facility open			
	18:45	00:05	G,W	X	088	Cale	iSHELL	SJB	
May. 16 Sa	00:05	01:35	G,W	X	055	Stahl	iSHELL	ACB	
	01:35	06:05	G,W	X	024	Shkolnik	iSHELL	ACB	
	06:05	06:15	G,W			--- facility close			
May. 16 Sa	18:15	18:45	G,W,E			--- facility open			
	18:45	00:05	G,W,E	X	088	Cale	iSHELL	SJB	
May. 17 Su	00:05	01:35	G,W	X	055	Stahl	iSHELL	ACB	

	01:35	06:05	G,W	X	024	Shkolnik	iSHELL	ACB	
	06:05	06:15	G,W			---	facility close		
May. 17 Su	18:15	18:45	E			---	facility open		
	18:45	00:05	E	X	002	Landt	iSHELL	ACB	
May. 18 Mo	00:05	01:35	E	X	055	Stahl	iSHELL	ACB	
	01:35	06:05	E	X	024	Shkolnik	iSHELL	ACB	
	06:05	06:15	E			---	facility close		
May. 18 Mo	18:15	18:45	E			---	facility open		
	18:45	21:25	E	X	002	Landt	SpeX	SJB	
	21:25	03:25	E	X	105	Thomas	SpeX/MORIS	ACB	
May. 19 Tu	03:25	04:55	E	X	065	Tate	SpeX	ACB	Io Eclipse
	04:55	06:05	E	X	067	Corlies	SpeX	ACB	Service Obs.
	06:05	06:15	E			---	facility close		
May. 19 Tu	18:15	18:45	E,C,M			---	facility open		
	18:45	00:25	E,C,M		999	Engineering	TBD	SJB	
May. 20 We	00:25	06:05	E	X	010	Woodward	SpeX/MORIS	MSC	
	06:05	06:15	E			---	facility close		
May. 20 We	18:15	18:45	C,M			---	facility open		
	18:45	22:20	C,M		999	Engineering	TBD	SJB	
	22:20	01:20	C,M	X	085	Trilling	MIRSI/MOC	MSC	
May. 21 Th	01:20	01:50	C,M			---	inst. change		
	01:50	04:50	C,M	X	036	Cartwright	SpeX/MORIS	MSC	
	04:50	05:35	C,M	X	067	Corlies	SpeX	MSC	Service Obs.
	05:35	06:05	C,M	X	065	Tate	SpeX	MSC	Service Obs.
	06:05	06:15	C,M			---	facility close		
May. 21 Th	18:15	18:45	C,M			---	facility open		
	18:45	00:25	C,M	X	102	Zhang	SpeX	MSC	
May. 22 Fr	00:25	06:05	C,M	X	045	Messineo	SpeX	MSC	
	06:05	06:15	C,M			---	facility close		
May. 22 Fr	18:15	18:45	M,G,W			---	facility open		
	18:45	21:50	M,G,W		999	Engineering	TBD	SJB	
	21:50	01:50	M,G,W	X	080	Polishook	SpeX/MORIS	MSC	
May. 23 Sa	01:50	04:50	M	X	036	Cartwright	SpeX/MORIS	MSC	
	04:50	05:35	M	X	067	Corlies	SpeX	MSC	Service Obs.
	05:35	06:05	M	X	065	Tate	SpeX	MSC	Service Obs.
	06:05	06:15	M			---	facility close		
May. 23 Sa	18:15	18:45	G,W			---	facility open		
	18:45	23:59	G,W	X	090	Shahbandeh	SpeX/MORIS	MSC	
	23:59	00:30	G,W			---	inst. change		
May. 24 Su	00:30	02:00	G,W	X	055	Stahl	iSHELL	ACB	
	02:00	06:05	G,W	X	066	Grant	iSHELL	ACB	
	06:05	06:15	G,W			---	facility close		

May. 24 Su	18:15	18:45	G,W				---	facility open		
	18:45	19:15	G,W				---	inst. change		
	19:15	01:50	G,W	X	050	Takir	SpeX		ACB	
May. 25 Mo	01:50	04:50	G,W	X	036	Cartwright	SpeX/MORIS		ACB	
	04:50	05:35	G,W	X	067	Corlies	SpeX		ACB	Service Obs.
	05:35	06:05	G,W	X	065	Tate	SpeX		ACB	Service Obs.
	06:05	06:15	G,W				---	facility close		
May. 25 Mo	18:55	19:25	G,W,E				---	facility open		
	19:25	01:00	G,W,E	X	050	Takir	SpeX		SJB	
May. 26 Tu	01:00	05:00	G,W	X	004	Sickafoose	SpeX/MORIS		SJB	Occultation
	05:00	06:45	G,W	X	065	Tate	SpeX		SJB	Io Eclipse
	06:45	06:55	G,W				---	facility close		
May. 26 Tu	18:15	18:45	E				---	facility open		
	18:45	02:30	E	X	040	Bus	SpeX/MORIS		SJB	
May. 27 We	02:30	06:05	E	X	059	Holler	SpeX		SJB	
	06:05	06:15	E				---	facility close		
May. 27 We	18:15	18:45	E				---	facility open		
	18:45	01:50	E	X	069	Smart	SpeX		MSC	
May. 28 Th	01:50	04:50	E	X	059	Holler	SpeX		MSC	
	04:50	05:35	E	X	067	Corlies	SpeX		MSC	Service Obs.
	05:35	06:05	E	X	065	Tate	SpeX		MSC	Service Obs.
	06:05	06:15	E				---	facility close		
May. 28 Th	18:15	18:45	E,C				---	facility open		
	18:45	02:30	E,C	X	006	Reddy	SpeX/MORIS		MSC	
May. 29 Fr	02:30	06:05	E	X	059	Holler	SpeX		MSC	
	06:05	06:15	E				---	facility close		
May. 29 Fr	18:15	18:45	C				---	facility open		
	18:45	02:30	C	X	069	Smart	SpeX		MSC	
May. 30 Sa	02:30	06:05	C	X	059	Holler	SpeX		MSC	
	06:05	06:15	C				---	facility close		
May. 30 Sa	18:15	18:45	C				---	facility open		
	18:45	01:50	C	X	006	Reddy	SpeX/MORIS		MSC	
May. 31 Su	01:50	04:50	C	X	059	Holler	SpeX		MSC	
	04:50	05:35	C	X	067	Corlies	SpeX		MSC	Service Obs.
	05:35	06:05	C	X	065	Tate	SpeX		MSC	Service Obs.
	06:05	06:15	C				---	facility close		
May. 31 Su	18:15	18:45	C,G,O				---	facility open		
	18:45	02:30	C,G,O	X	093	Marcotulli	SpeX		SJB	

Observer List**May, 2020**

- 002 Hermine Landt, Jake Mitchell, Martin Ward, Maryam Dehghanian, Gary Ferland, Conor Wildy, Karen Leighly, Missagh Mehdipour
004 Amanda Sickafoose, Carlos Zuluaga, Amanda Bosh, Stephen Levine, Michael Person
006 Vishnu Reddy, Juan Sanchez
010 Chick Woodward, Nye Evans, D.P.K. Banerjee, Tom Geballe, Sumner Starrfield, R. Mark Wagner, Fred Walter, R.D. Gehrz
012 Eric Gaidos, Jen van Saders
016 George Rieke, Kate Su, Andras Gaspar, Mike Sitko, Kate Su, Mike Sitko, Andras Gaspar
024 Evgenya Shkolnik, Joe Llama, Tyler Richey-Yowell
027 Jay Farihi, Carl Melis, Erik Dennihy
032 Angela Cotera, Janet Simpson
036 Richard Cartwright, Dale Cruikshank, William Grundy, Tom Nordheim, Joshua Emery, Kevin Hand
040 Schelte J. Bus, Francesca DeMeo, Michael Marsset, David Polishook, Brian Burt, Richard P. Binzel, Cristina Thomas, Nicholas Moskovitz, Andrew Rivkin
045 Maria Messineo, Donald F. Figer, Valentin D. Ivanov, Rosie C.-H Chen, Rolf-Peter Kudritzki, Karl M. Menten, Zhu Quingfeng, Messineo Maria
050 Driss Takir, Joshua Emery
055 Asa Stahl, Christopher Johns-Krull, Laura Flagg
059 Bryan Holler, Leslie Young, Will Grundy, Cathy Olkin, Silvia Protopapa
061 Ellen Howell, Ronald Vervack, Yan Fernandez, Mary Hinkle, Agata Rozek
065 Christian Tate, Julie Rathbun, Alexander Hayes, John Spencer, Paul Corlies, Christian Tate, Julie Rathbun, John Spencer, Alexander Hayes, Paul Corlies
066 Sierra Grant, Catherine Espaillat, Nuria Calvet, Sean Brittain
067 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovic, Elizabeth Turtle, Sebastien Rodriguez, Jonathan Mitchell, Jonathan Lunine, Juan Lora
069 Richard Smart, Federico Marocco, William Cooper, Adam Burgasser, Davy Kirkpatrick, Mike Cushing, Juan Carlos Beamin, Luis Sarro, Jose Caballero, Celine Reyle, Eric Mamajek, Hugh R. A. Jones, Jacqueline Faherty, Kelle Cruz, Maria Rosa Zapatero-Osorio, Nicolas Lodieu
080 David Polishook, Nicholas Moskovitz
085 David Trilling, Joseph Hora, Michael Mommert, Howard Smith, Andy Lopez
087 Stanley Jensen, Sean Brittain, John Carr, Joan Najita
088 Bryson Cale, Peter Plavchan, Eric Gaidos, Johanna Teske, Angelle Tanner
089 Lauren McGraw, Josh Emery, Cristina Thomas, Andy Rivkin
090 Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Saurabh Jha, Chris Ashall, Edward Baron, Chris Burns, Scott Davis, Francisco Forster, Lluis Galbany, Peter Hoeflich, Sahana Kumar, Jing Lu, Howie Marion, Nidia Morrell, Anthony Piro, Max Stritzinger, Nicholas Suntzeff, Syed Ashraf Uddin
093 Lea Marcotulli, Meenakshi Rajagopal, Marco Ajello, Sean Brittain, Stefano Marchesi
095 David Rubin
102 Zhoujian Zhang, Michael Liu, Eugene Magnier, William Best
105 Cristina Thomas, Joshua Emery, Lauren McGraw, Andrew Rivkin, Margaret McAdam
106 Carey Lisse, Mike Sitko, Massimo Marengo, Miles Lucas
111 Kishalay De, Matthew Hankins, Mansi Kasliwal, Ryan Lau, J. Sokoloski, M. Ashley, A. Babul, R. M. Lau, A. Moore, E. O. Ofek, M. Sharma, J. Soon, R. Soria, K. Tinyanont, T. Travouillon

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Jun. 1 Mo	02:30 06:05	C	X	059 Holler	SpeX	SJB	
	06:05 06:15	C		--- facility close			
	10:00 16:00			--- inst. change			
Jun. 1 Mo	18:20 18:50	G,O		--- facility open			
	18:50 22:30	G,O	X	088 Cale	iSHELL	MSC	
	22:30 23:59	G,O	X	055 Stahl	iSHELL	MSC	
	23:59 06:10	G,O	X	026 Bjoraker	iSHELL	MSC	
Jun. 2 Tu	06:10 06:20	G,O		--- facility close			
Jun. 2 Tu	18:20 18:50	G,O		--- facility open			
	18:50 21:15	G,O		999 Engineering	MIRSI/MOC	SJB	
	21:15 21:45	G,O		--- inst. change			
	21:45 00:45	G,O	X	085 Trilling	SpeX/MORIS	SJB	
Jun. 3 We	00:45 03:45	G,O	X	036 Cartwright	SpeX/MORIS	SJB	
	03:45 06:10	G,O	X	040 Bus	SpeX/MORIS	SJB	
	06:10 06:20	G,O		--- facility close			
	10:00 16:00			--- inst. change			
Jun. 3 We	18:20 18:50	G,O,E		--- facility open			
	18:50 22:30	G,O,E	X	088 Cale	iSHELL	MSC	
	22:30 23:59	G,O,E	X	055 Stahl	iSHELL	MSC	
	23:59 06:10	G,O	X	026 Bjoraker	iSHELL	MSC	
Jun. 4 Th	06:10 06:20	G,O		--- facility close			
Jun. 4 Th	18:20 18:50	E		--- facility open			
	18:50 22:25	E		999 Engineering	MIRSI/MOC	SJB	
	22:25 22:55	E		--- inst. change			
	22:55 01:55	E	X	085 Trilling	SpeX/MORIS	SJB	
Jun. 5 Fr	01:55 04:55	E	X	036 Cartwright	SpeX/MORIS	SJB	
	04:55 05:40	E	X	067 Corlies	SpeX	SJB	Service Obs.
	05:40 06:10	E	X	065 Tate	SpeX	SJB	Service Obs.
	06:10 06:20	E		--- facility close			
Jun. 5 Fr	18:20 18:50	E		--- facility open			
	18:50 00:45	E		001 Woodward	SpeX/MORIS	SJB	First Night
Jun. 6 Sa	00:45 06:10	E	X	010 Woodward	SpeX/MORIS	SJB	
	06:10 06:20	E		--- facility close			
Jun. 6 Sa	18:20 18:50	E,C		--- facility open			
	19:20 00:45	E,C		001 Woodward	SpeX/MORIS	SJB	
Jun. 7 Su	00:45 06:10	E	X	010 Woodward	SpeX/MORIS	SJB	
	06:10 06:20	E		--- facility close			
Jun. 7 Su	18:20 18:50	C		--- facility open			
	19:20 00:30	C		001 Woodward	SpeX/MORIS	SJB	
Jun. 8 Mo	00:30 06:10	C	X	037 Rieke	MIRSI	SJB	
	06:10 06:20	C		--- facility close			
Jun. 8 Mo	18:20 18:50	C		--- facility open			

	18:50	00:30	C		001	Woodward	SpeX/MORIS	SJB	
Jun. 9 Tu	00:30	06:10	C		003	Honda	MIRSI	SJB	First Night
	06:10	06:20	C			---	facility close		
Jun. 9 Tu	18:20	18:50	C,G,M			---	facility open		
	18:50	00:30	C,G,M		001	Woodward	SpeX/MORIS	SJB	
Jun. 10 We	00:30	06:10	C		003	Honda	MIRSI	SJB	
	06:10	06:20	C			---	facility close		
Jun. 10 We	18:20	18:50	G,M			---	facility open		
	18:50	00:15	G,M		001	Woodward	SpeX/MORIS	SJB	
Jun. 11 Th	00:15	03:15	G,M	X	007	Cartwright	SpeX/MORIS	ACB	
	03:15	04:45	G,M	X	065	Tate	SpeX	ACB	Io Eclipse
	04:45	06:10	G,M	X	067	Corlies	SpeX	ACB	Service Obs.
	06:10	06:20	G,M			---	facility close		
	10:00	16:00				---	inst. change		
Jun. 11 Th	18:20	18:50	G,M			---	facility open		
	18:50	23:50	G,M	X	063	Saki	iSHELL	ACB	
	23:50	00:20	G,M			---	inst. change		
Jun. 12 Fr	00:20	06:10	G,M		003	Honda	SpeX	ACB	
	06:10	06:20	G,M			---	facility close		
Jun. 12 Fr	18:20	18:50	G,M,E			---	facility open		
	18:50	01:55	G,M,E	X	077	Polishook	SpeX/MORIS	ACB	
Jun. 13 Sa	01:55	04:55	G,M	X	036	Cartwright	SpeX/MORIS	ACB	
	04:55	05:40	G,M	X	067	Corlies	SpeX	ACB	Service Obs.
	05:40	06:10	G,M	X	065	Tate	SpeX	ACB	Service Obs.
	06:10	06:20	G,M			---	facility close		
Jun. 13 Sa	18:20	18:50	E			---	facility open		
	18:50	19:20	E			---	inst. change		
	19:20	23:10	E	X	088	Cale	iSHELL	ACB	
	23:10	06:10	E	X	034	Dinerstein	iSHELL	ACB	
Jun. 14 Su	06:10	06:20	E			---	facility close		
Jun. 14 Su	18:20	18:50	E			---	facility open		
	18:50	19:20	E			---	inst. change		
	19:20	01:55	E	X	090	Shahbandeh	SpeX/MORIS	ACB	
Jun. 15 Mo	01:55	04:55	E	X	036	Cartwright	SpeX/MORIS	ACB	
	04:55	05:40	E	X	067	Corlies	SpeX	ACB	Service Obs.
	05:40	06:10	E	X	065	Tate	SpeX	ACB	Service Obs.
	06:10	06:20	E			---	facility close		
	10:00	16:00				---	inst. change		
Jun. 15 Mo	18:20	18:50	E,C			---	facility open		
	18:50	22:50	E,C	X	088	Cale	iSHELL	ACB	
	22:50	06:10	E,C	X	034	Dinerstein	iSHELL	ACB	
Jun. 16 Tu	06:10	06:20	E			---	facility close		

	10:00	16:00							---	inst. change		
Jun. 16 Tu	18:20	18:50	C						---	facility open		
	18:50	01:55	C	X	011	DeMeo	SpeX/MORIS			ACB		
Jun. 17 We	01:55	04:55	C	X	036	Cartwright	SpeX/MORIS			ACB		
	04:55	05:40	C	X	067	Corlies	SpeX			ACB	Service Obs.	
	05:40	06:10	C	X	065	Tate	SpeX			ACB	Service Obs.	
	06:10	06:20	C						---	facility close		
	10:00	16:00							---	inst. change		
Jun. 17 We	18:20	18:50	C						---	facility open		
	18:50	22:50	C	X	088	Cale	iSHELL			ACB		
	22:50	06:10	C		113	Smith	iSHELL			ACB		
Jun. 18 Th	06:10	06:20	C						---	facility close		
	10:00	16:00							---	inst. change		
Jun. 18 Th	18:20	18:50	C,G						---	facility open		
	18:50	23:25	C,G	X	114	Pajuelo	SpeX/MORIS			ACB		
	23:25	06:20	C	X	045	Messineo	SpeX			ACB		
Jun. 19 Fr	06:20	10:20	O	X	017	Young	SpeX			ACB	Daylight Obs	
	10:20	10:30	O						---	facility close		
Jun. 19 Fr	18:20	18:50	G						---	facility open		
	18:50	23:25	G	X	114	Pajuelo	SpeX/MORIS			ACB		
	23:25	00:55	G	X	065	Tate	SpeX			ACB	Io Eclipse	
Jun. 20 Sa	00:55	06:20	G	X	045	Messineo	SpeX			ACB		
	06:20	10:20	O	X	017	Young	SpeX			ACB	Daylight Obs	
	10:20	10:50	O						---	inst. change		
	10:50	11:00	O						---	facility close		
Jun. 20 Sa	18:20	18:50	G						---	facility open		
	18:50	22:50	G	X	088	Cale	iSHELL			ACB		
	22:50	06:10	G	X	034	Dinerstein	iSHELL			ACB		
Jun. 21 Su	06:10	06:40	G,M						---	inst. change		
	06:40	10:40	M	X	017	Young	SpeX			ACB	Daylight Obs	
	10:40	11:10	M						---	inst. change		
	11:10	11:20	M						---	facility close		
Jun. 21 Su	18:20	18:50	G,E						---	facility open		
	18:50	22:50	G,E	X	088	Cale	iSHELL			ACB		
	22:50	06:10	G,E	X	034	Dinerstein	iSHELL			ACB		
Jun. 22 Mo	06:10	06:40	G,M						---	inst. change		
	06:40	10:40	M	X	017	Young	SpeX			ACB	Daylight Obs	
	10:40	10:50	M						---	facility close		
	10:50	13:30							---	inst. change		
Jun. 22 Mo	13:30	14:00	O,W						---	facility open		
	14:00	23:50	O,W,E	X	028	Faggi	iSHELL			MSC	Daylight Obs	
	23:50	06:10	E	X	035	Bjoraker	iSHELL			MSC		

Jun. 23 Tu	06:10	06:40	E,M							--- inst. change
	06:40	10:40	M	X	017	Young	SpeX		MSC	Daylight Obs
	10:40	10:50	M							--- facility close
	10:50	13:30								--- inst. change
Jun. 23 Tu	13:30	14:00	O,W							--- facility open
	14:00	23:50	O,W,E	X	028	Faggi	iSHELL		MSC	Daylight Obs
	23:50	06:10	E	X	035	Bjoraker	iSHELL		MSC	
Jun. 24 We	06:10	06:40	E,M							--- inst. change
	06:40	10:40	M	X	017	Young	SpeX		MSC	Daylight Obs
	10:40	10:50	M							--- facility close
	10:50	16:00								--- inst. change
Jun. 24 We	18:20	18:50	E,C							--- facility open
	18:50	21:00	E,C	X	055	Stahl	iSHELL		MSC	
	21:00	01:00	E,C	X	091	Boogert	iSHELL		ACB	
Jun. 25 Th	01:00	06:10	E,C	X	034	Dinerstein	iSHELL		MSC	
	06:10	06:40	E,C,M							--- inst. change
	06:40	10:40	M	X	017	Young	SpeX		MSC	Daylight Obs
	10:40	10:50	M							--- facility close
Jun. 25 Th	18:20	18:50	C							--- facility open
	18:50	01:50	C	X	045	Messineo	SpeX		MSC	
Jun. 26 Fr	01:50	06:20	C	X	061	Howell	SpeX		MSC	
	06:20	10:20	M	X	017	Young	SpeX		MSC	Daylight Obs
	10:20	10:30	M							--- facility close
	10:30	13:30								--- inst. change
Jun. 26 Fr	13:30	14:00	O,W,M							--- facility open
	14:00	18:20	O,W,M	X	028	Faggi	iSHELL		MSC	Daylight Obs
	18:20	18:50	C							--- inst. change
	18:50	23:00	C	X	011	DeMeo	SpeX/MORIS		MSC	
	23:00	01:10	C	X	007	Cartwright	SpeX/MORIS		MSC	
Jun. 27 Sa	01:10	02:40	C	X	065	Tate	SpeX		MSC	Io Eclipse
	02:40	06:10	C	X	108	Boogert	SpeX			
	06:10	06:20	C							--- facility close
Jun. 27 Sa	18:20	18:50	C,G							--- facility open
	18:50	06:10	C,G	X	111	De	SpeX		ACB	
Jun. 28 Su	06:10	06:20	C							--- facility close
Jun. 28 Su	18:20	18:50	G							--- facility open
	18:50	21:30	G	X	052	Protopapa	SpeX/MORIS		SJB	
	21:30	01:30	G	X	004	Sickafoose	SpeX/MORIS		SJB	Occultation
Jun. 29 Mo	01:30	06:10	G	X	007	Cartwright	SpeX/MORIS		SJB	
	06:10	06:20	G							--- facility close
Jun. 29 Mo	18:20	18:50	G							--- facility open
	18:50	03:00	G	X	010	Woodward	SpeX/MORIS		MSC	

Jun. 30 Tu	03:00	06:10	G	X	039	Young	SpeX	MSC
	06:10	06:20	G			--- facility close		
Jun. 30 Tu	18:20	18:50	G,E			--- facility open		
	18:50	00:35	G,E	X	006	Reddy	SpeX/MORIS	SJB

Observer List

June, 2020

- 001 Chick Woodward, Michael S.P. Kelley, David E. Harker, Diane H. Wooden, Michael Sitko
 003 Mitsuhiro Honda, Tomohiro Mori, Minako Ogi, Gregory Herczeg, Takashi Shimonishi, Douglas Johnstone, Takashi Miyata, Takashi Onaka
 004 Amanda Sickafoose, Carlos Zuluaga, Amanda Bosh, Stephen Levine, Michael Person
 006 Vishnu Reddy, Juan Sanchez
 007 Richard Cartwright, Tom Nordheim, Francesca Scipioni
 010 Chick Woodward, Nye Evans, D.P.K. Banerjee, Tom Geballe, Sumner Starrfield, R. Mark Wagner, Fred Walter, R.D. Gehrz
 011 Francesca DeMeo, Schelte J. Bus, Michael Marsset, David Polishook, Brian Burt, Richard P. Binzel, Cristina Thomas, Nicholas Moskovitz, Andrew Rivkin
 017 Eliot Young, Mark Bullock, Yeon Joo Lee, Kevin McGouldrick, Con Tsang, Javier Peralta
 026 Gordon Bjoraker, Michael H. Wong, Tilak Hewagama, Charles Goullaud, Glenn Orton
 028 Sara Faggi, Michael J. Mumma, Geronimio L. Villanueva, Manuela Lippi
 034 Harriet Dinerstein, Nicholas Sterling, William Vacca
 035 Gordon Bjoraker, Michael H. Wong, Tilak Hewagama, Glenn Orton
 036 Richard Cartwright, Dale Cruikshank, William Grundy, Tom Nordheim, Joshua Emery, Kevin Hand
 037 George Rieke, Attila Moor, Kate Su, andras gaspar, Peter Abraham, Agnes Kospal, Lei Chen
 039 Leslie Young, Will Grundy, Bryan Holler, Eliot Young, Glenn Orton
 040 Schelte J. Bus, Francesca DeMeo, Michael Marsset, David Polishook, Brian Burt, Richard P. Binzel, Cristina Thomas, Nicholas Moskovitz, Andrew Rivkin
 045 Maria Messineo, Donald F. Figer, Valentin D. Ivanov, Rosie C.-H Chen, Rolf-Peter Kudritzki, Karl M. Menten, Zhu Quingfeng, Messineo Maria
 052 Silvia Protopapa, Bin Yang, Mike Kelley
 055 Asa Stahl, Christopher Johns-Krull, Laura Flagg
 059 Bryan Holler, Leslie Young, Will Grundy, Cathy Olkin, Silvia Protopapa
 061 Ellen Howell, Ronald Vervack, Yan Fernandez, Mary Hinkle, Agata Rozek
 063 Mohammad Saki, Erika Gibb, Michael DiSanti, Neil Dello Russo, Boncho Bonev, Ron Vervack, Nathan Roth, Younas khan, Adam McKay, Hideyo Kawakita
 065 Christian Tate, Julie Rathbun, Alexander Hayes, John Spencer, Paul Corlies, Christian Tate, Julie Rathbun, John Spencer, Alexander Hayes, Paul Corlies
 067 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovics, Elizabeth Turtle, Sebastien Rodriguez, Jonathan Mitchell, Jonathan Lunine, Juan Lora
 077 David Polishook, Francesca DeMeo, Nicholas Moskovitz, Richard Binzel
 085 David Trilling, Joseph Hora, Michael Mommert, Howard Smith, Andy Lopez
 088 Bryson Cale, Peter Plavchan, Eric Gaidos, Johanna Teske, Angelle Tanner
 090 Melissa Shahbandeh, Eric Hsiao, David Sand, Mark Phillips, Saurabh Jha, Chris Ashall, Edward Baron, Chris Burns, Scott Davis, Francisco Forster, Lluís Galbany, Peter Hoeflich, Sahana Kumar, Jing Lu, Howie Marion, Nidia Morrell, Anthony Piro, Max Stritzinger, Nicholas Suntzeff, Syed Ashraf Uddin
 091 Adwin Boogert, Karl Kaess, Matt Richter
 108 Adwin Boogert
 111 Kishalay De, Matthew Hankins, Mansi Kasliwal, Ryan Lau, J. Sokoloski, M. Ashley, A. Babul, R. M. Lau, A. Moore, E. O. Ofek, M. Sharma, J. Soon, R. Soria, K. Tinyanont, T. Travouillon
 113 Rachel Smith, Adwin Boogert
 114 Myriam Pajuelo, Mirel Birlan, Benoit Carry, Francesca DeMeo, Jerome Berthier, Frederic Vachier

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Jul. 1 We	00:35 01:05	G	X	065 Tate	SpeX	SJB	Service Obs.
	01:05 01:50	G	X	067 Corlies	SpeX	SJB	Service Obs.
	01:50 06:10	G	X	061 Howell	SpeX	SJB	
	06:10 06:20	G		--- facility close			
Jul. 1 We	18:20 18:50	E		--- facility open			
	18:50 00:30	E	X	108 Boogert	SpeX	ACB	
Jul. 2 Th	00:30 06:10	E	X	992 Woodney	SpeX/MORIS	SJB	
	06:10 06:20	E		--- facility close			
Jul. 2 Th	18:20 18:50	E		--- facility open			
	18:50 00:30	E	X	108 Boogert	SpeX	ACB	
Jul. 3 Fr	00:30 06:10	E	X	992 Woodney	SpeX/MORIS	SJB	
	06:10 06:20	E		--- facility close			
Jul. 3 Fr	18:20 18:50	W		--- facility open			
	18:50 22:30	W	X	006 Reddy	SpeX/MORIS	SJB	
	22:30 02:55	W	X	993 Orton	SpeX/MORIS	SJB	
Jul. 4 Sa	02:55 04:25	W	X	065 Tate	SpeX	SJB	Io Eclipse
	04:25 06:10	W	X	006 Reddy	SpeX/MORIS	SJB	
	06:10 06:20	W		--- facility close			
Jul. 4 Sa	18:20 18:50	W		--- facility open			
	18:50 21:20	W	X	006 Reddy	SpeX/MORIS	SJB	
	21:20 22:50	W	X	065 Tate	SpeX	SJB	Io Eclipse
	22:50 05:00	W	X	993 Orton	SpeX/MORIS	SJB	
Jul. 5 Su	05:00 05:30	W		--- inst. change			
	05:30 11:00	W,O	X	019 Marcq	iSHELL	ACB	Daylight Obs
	11:00 11:10	O		--- facility close			
Jul. 5 Su	18:20 18:50	W		--- facility open			
	18:50 05:30	W	X	099 Flores	iSHELL	MSC	
Jul. 6 Mo	05:30 11:00	W,O	X	019 Marcq	iSHELL	ACB	Daylight Obs
	11:00 11:10	O		--- facility close			
Jul. 6 Mo	18:20 18:50	W,G		--- facility open			
	18:50 05:30	W,G	X	087 Jensen	iSHELL	MSC	
Jul. 7 Tu	05:30 11:00	W,O	X	019 Marcq	iSHELL	ACB	Daylight Obs
	11:00 11:10	O		--- facility close			
Jul. 7 Tu	18:25 18:55	G		--- facility open			
	18:55 23:25	G	X	063 Saki	iSHELL	MSC	
	23:25 06:15	G	X	060 Neufeld	iSHELL	MSC	
Jul. 8 We	06:15 06:45	G,O		--- inst. change			
	06:45 10:45	O	X	017 Young	SpeX	MSC	Daylight Obs
	10:45 10:55	O		--- facility close			
	10:55 16:00			--- inst. change			
Jul. 8 We	13:30 14:00	O		--- facility open			
	14:00 18:55	O	X	028 Faggi	iSHELL	MSC	Daylight Obs

	18:55	01:00	G	X	022	Stallard	iSHELL	MSC	Transit
Jul. 9 Th	01:00	01:30	G			--- inst. change			
	01:30	06:25	G	X	061	Howell	SpeX	MSC	
	06:25	10:25	O	X	017	Young	SpeX	MSC	Daylight Obs
Jul. 9 Th	10:25	10:35	O			--- facility close			
	18:25	18:55	G,E			--- facility open			
	18:55	22:00	G,E	X	006	Reddy	SpeX/MORIS	SJB	
	22:00	00:30	G,E	X	012	Gaidos	SpeX	SJB	
Jul. 10 Fr	00:30	04:00	G,E	X	007	Cartwright	SpeX/MORIS	SJB	
	04:00	06:25	G,E	X	068	Reipurth	SpeX	MSC	
	06:25	10:25	O	X	017	Young	SpeX	SJB	Daylight Obs
	10:25	10:35	O			--- facility close			
	10:35	16:00				--- inst. change			
Jul. 10 Fr	18:25	18:55	E			--- facility open			
	18:55	23:25	E	X	063	Saki	iSHELL	MSC	
	23:25	06:15	E	X	060	Neufeld	iSHELL	ACB	
Jul. 11 Sa	06:15	06:45	E,O,W			--- inst. change			
	06:45	10:45	O,W	X	017	Young	SpeX	SJB	Daylight Obs
Jul. 11 Sa	10:45	10:55	O,W			--- facility close			
	18:25	18:55	E			--- facility open			
	18:55	22:00	E	X	114	Pajuelo	SpeX/MORIS	SJB	
	22:00	03:00	E	X	004	Sickafoose	SpeX/MORIS	SJB	Occultation
Jul. 12 Su	03:00	06:25	E	X	011	DeMeo	SpeX/MORIS	SJB	
	06:25	10:25	M,W	X	017	Young	SpeX	SJB	Daylight Obs
	10:25	10:55	M,W			--- inst. change			
Jul. 12 Su	10:55	11:05	M,W			--- facility close			
	13:30	14:00	O			--- facility open			
	14:00	23:25	O,E,C	X	028	Faggi	iSHELL	SJB	
	23:25	06:15	E	X	060	Neufeld	iSHELL	SJB	
Jul. 13 Mo	06:15	06:45	E,M,W			--- inst. change			
	06:45	10:45	M,W	X	017	Young	SpeX	SJB	Daylight Obs
	10:45	10:55	M,W			--- facility close			
	10:55	13:30				--- inst. change			
Jul. 13 Mo	13:30	14:00	O			--- facility open			
	14:00	23:25	O,C	X	028	Faggi	iSHELL	SJB	
	23:25	06:15	C	X	060	Neufeld	iSHELL	SJB	
Jul. 14 Tu	06:15	06:45	C,M,W			--- inst. change			
	06:45	10:45	M,W	X	017	Young	SpeX	SJB	Daylight Obs
	10:45	10:55	M,W			--- facility close			
	10:55	16:00				--- inst. change			
Jul. 14 Tu	18:25	18:55	C			--- facility open			
	18:55	23:25	C	X	063	Saki	iSHELL	MSC	

	23:25	06:15	C	X	060	Neufeld	iSHELL	SJB	
Jul. 15 We	06:15	06:45	C,M			---	inst. change		
	06:45	10:45	M	X	017	Young	SpeX	SJB	Daylight Obs
	10:45	10:55	M			---	facility close		
Jul. 15 We	18:25	18:55	C,G			---	facility open		
	18:55	22:30	C,G	X	999	Engineering	SpeX/MORIS	SJB	
	22:30	23:00	C,G	X	065	Tate	SpeX	SJB	Service Obs.
	23:00	23:45	C,G	X	067	Corlies	SpeX	SJB	Service Obs.
	23:45	00:15	C			---	inst. change		
Jul. 16 Th	00:15	06:15	C	X	066	Grant	iSHELL	ACB	
	06:15	06:45	C,M			---	inst. change		
	06:45	10:45	M	X	017	Young	SpeX	SJB	Daylight Obs
	10:45	10:55	M			---	facility close		
Jul. 16 Th	18:25	18:55	G			---	facility open		
	18:55	22:15	G	X	061	Howell	SpeX	SJB	
	22:15	22:45	G	X	065	Tate	SpeX	SJB	Service Obs.
	22:45	23:30	G	X	067	Corlies	SpeX	SJB	Service Obs.
	23:30	23:59	G			---	inst. change		
	23:59	05:55	G	X	022	Stallard	iSHELL	SJB	Transit
Jul. 17 Fr	05:55	06:25	G			---	inst. change		
	06:25	10:25	M	X	017	Young	SpeX	SJB	Daylight Obs
	10:25	10:35	M			---	facility close		
Jul. 17 Fr	18:25	18:55	G			---	facility open		
	18:55	06:25	G	X	108	Boogert	SpeX	ACB	
Jul. 18 Sa	06:25	10:25	M	X	017	Young	SpeX	ACB	Daylight Obs
	10:25	10:35	M			---	facility close		
Jul. 18 Sa	18:25	18:55	G,E			---	facility open		
	18:55	02:00	G,E	X	006	Reddy	SpeX/MORIS	MSC	
Jul. 19 Su	02:00	06:15	G,E	X	007	Cartwright	SpeX/MORIS	MSC	
	06:15	06:25	G			---	facility close		
Jul. 19 Su	13:00	13:30	O,W			---	facility open		
	13:30	14:00	O,W			---	inst. change		
	14:00	18:55	O,W	X	028	Faggi	iSHELL	MSC	Daylight Obs
	18:55	06:15	E	X	107	Taniguchi	iSHELL	ACB	First Night
Jul. 20 Mo	06:15	06:25	E			---	facility close		
Jul. 20 Mo	18:25	18:55	E			---	facility open		
	18:55	06:15	E	X	107	Taniguchi	iSHELL	ACB	
Jul. 21 Tu	06:15	06:25	E			---	facility close		
Jul. 21 Tu	18:25	18:55	E,C			---	facility open		
	18:55	22:00	E,C	X	055	Stahl	iSHELL	ACB	
	22:00	02:30	E,C	X	009	Line	iSHELL	ACB	First Night, Transit
Jul. 22 We	02:30	06:15	E	X	113	Smith	iSHELL	ACB	

	06:15	06:25	E						---	facility close
	10:00	16:00							---	inst. change
Jul. 22	We	18:25	18:55	C					---	facility open
		18:55	21:15	C	X	011	DeMeo	SpeX/MORIS		MSC
		21:15	01:15	C	X	007	Cartwright	SpeX/MORIS		MSC
Jul. 23	Th	01:15	06:15	C	X	108	Boogert	SpeX		ACB
		06:15	06:25	C					---	facility close
		10:00	16:00						---	inst. change
Jul. 23	Th	18:25	18:55	C					---	facility open
		18:55	21:00	C	X	055	Stahl	iSHELL		ACB
		21:00	03:00	C	X	026	Bjoraker	iSHELL		ACB
Jul. 24	Fr	03:00	06:15	C	X	113	Smith	iSHELL		ACB
		06:15	06:25	C					---	facility close
		10:00	16:00						---	inst. change
Jul. 24	Fr	18:25	18:55	C,G,O					---	facility open
		18:55	22:10	C,G,O	X	061	Howell	SpeX		MSC
		22:10	00:40	C,G,O	X	016	Rieke	SpeX		MSC
Jul. 25	Sa	00:40	06:15	C	X	025	Hora	SpeX		MSC First Night
		06:15	06:25	C					---	facility close
Jul. 25	Sa	18:25	18:55	G,O					---	facility open
		18:55	21:30	G,O	X	085	Trilling	SpeX/MORIS		MSC
		21:30	01:30	G,O	X	007	Cartwright	SpeX/MORIS		MSC
Jul. 26	Su	01:30	06:15	G,O	X	108	Boogert	SpeX		ACB
		06:15	06:25	G,O					---	facility close
Jul. 26	Su	18:25	18:55	G,O					---	facility open
		18:55	19:25	G,O					---	inst. change
		19:25	21:00	G,O	X	055	Stahl	iSHELL		ACB
		21:00	03:00	G,O	X	026	Bjoraker	iSHELL		ACB
Jul. 27	Mo	03:00	06:15	G,O	X	066	Grant	iSHELL		ACB
		06:15	06:25	G,O					---	facility close
		10:00	16:00						---	inst. change
Jul. 27	Mo	18:25	18:55	G,O,E					---	facility open
		18:55	22:30	G,O,E	X	016	Rieke	SpeX		SJB
		22:30	00:35	G,O,E	X	085	Trilling	SpeX/MORIS		SJB
Jul. 28	Tu	00:35	06:15	G,O	X	025	Hora	SpeX		SJB
		06:15	06:25	G,O					---	facility close
Jul. 28	Tu	18:25	18:55	E					---	facility open
		18:55	22:50	E	X	052	Protopapa	SpeX/MORIS		SJB
		22:50	23:20	E					---	inst. change
		23:20	03:50	E	X	009	Line	iSHELL		ACB Transit
Jul. 29	We	03:50	06:15	E		999	Engineering	TBD		SJB
		06:15	06:25	E					---	facility close

Jul. 29 We	18:25	18:55	E			--- facility open		
	18:55	22:00	E	X	061	Howell	SpeX	SJB
	22:00	02:00	E	X	007	Cartwright	SpeX/MORIS	SJB
Jul. 30 Th	02:00	04:00	E	X	039	Young	SpeX	SJB
	04:00	06:15	E	X	006	Reddy	SpeX/MORIS	SJB
	06:15	06:25	E			--- facility close		
	10:00	13:30				--- inst. change		
Jul. 30 Th	13:30	14:00	W			--- facility open		
	14:00	21:00	W,E,C	X	028	Faggi	iSHELL	SJB Daylight Obs
	21:00	21:30	E,C			--- inst. change		
	21:30	00:35	E,C	X	108	Boogert	SpeX	ACB
Jul. 31 Fr	00:35	06:15	E	X	025	Hora	SpeX	SJB
	06:15	06:25	E			--- facility close		
	10:00	13:30				--- inst. change		
Jul. 31 Fr	13:30	14:00	W			--- facility open		
	14:00	21:00	W,C	X	028	Faggi	iSHELL	SJB Daylight Obs
	21:00	21:30	C			--- inst. change		
	21:30	23:35	C	X	108	Boogert	SpeX	ACB
	23:35	00:35	C	X	991	Hankins	SpeX	ACB

Observer List**July, 2020**

- 004 Amanda Sickafoose, Carlos Zuluaga, Amanda Bosh, Stephen Levine, Michael Person
006 Vishnu Reddy, Juan Sanchez
007 Richard Cartwright, Tom Nordheim, Francesca Scipioni
009 Michael Line, Matteo Brogi, Jacob Bean, Jennifer Patience, Jean-Michel Desert, Evgenya Shkolnik, Jonathan Fortney, Joseph Zalesky
011 Francesca DeMeo, Schelte J. Bus, Michael Marsset, David Polishook, Brian Burt, Richard P. Binzel, Cristina Thomas, Nicholas Moskovitz, Andrew Rivkin
012 Eric Gaidos, Jen van Saders
016 George Rieke, Kate Su, Andras Gaspar, Mike Sitko, Kate Su, Mike Sitko, Andras Gaspar
017 Eliot Young, Mark Bullock, Yeon Joo Lee, Kevin McGouldrick, Con Tsang, Javier Peralta
019 Emmanuel Marcq, Franck Lefevre, Therese Encrenaz, Thomas Widemann
022 Tom Stallard, Henrik Melin, Luke Moore, James O'Donoghue, Nahid Chowdhury, Emma Thomas
025 Joseph Hora, Elaine Winston
026 Gordon Bjoraker, Michael H. Wong, Tilak Hewagama, Charles Goullaud, Glenn Orton
028 Sara Faggi, Michael J. Mumma, Geronimio L. Villanueva, Manuela Lippi
039 Leslie Young, Will Grundy, Bryan Holler, Eliot Young, Glenn Orton
052 Silvia Protopapa, Bin Yang, Mike Kelley
055 Asa Stahl, Christopher Johns-Krull, Laura Flagg
060 David Neufeld, Miwa Goto, Tom Geballe, Rolf Guesten, Karl Menten, Helmut Wiesemeyer
061 Ellen Howell, Ronald Vervack, Yan Fernandez, Mary Hinkle, Agata Rozek
063 Mohammad Saki, Erika Gibb, Michael DiSanti, Neil Dello Russo, Boncho Bonev, Ron Vervack, Nathan Roth, Younas Khan, Adam McKay, Hideyo Kawakita
065 Christian Tate, Julie Rathbun, Alexander Hayes, John Spencer, Paul Corlies, Christian Tate, Julie Rathbun, John Spencer, Alexander Hayes, Paul Corlies
066 Sierra Grant, Catherine Espaillat, Nuria Calvet, Sean Brittain
067 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovics, Elizabeth Turtle, Sebastien Rodriguez, Jonathan Mitchell, Jonathan Lunine, Juan Lora
068 Bo Reipurth
085 David Trilling, Joseph Hora, Michael Mommert, Howard Smith, Andy Lopez
087 Stanley Jensen, Sean Brittain, John Carr, Joan Najita
099 Christian Flores, Michael Connelley
107 Daisuke Taniguchi, Noriyuki Matsunaga, Mingjie Jian, Scarlet Saez Elgueta, Alan Tokunaga, Naoto Kobayashi, Chikako Yasui
108 Adwin Boogert
113 Rachel Smith, Adwin Boogert
114 Myriam Pajuelo, Mirel Birlan, Benoit Carry, Francesca DeMeo, Jerome Berthier, Frederic Vachier

HST Date	HST Time		TO	Remote	Prog & PI		Instr	SA	Comments
Aug. 1 Sa	00:35	06:15	C	X	025	Hora	SpeX	SJB	
	06:15	06:25	C			---	facility close		

Observer List

025 Joseph Hora, Elaine Winston

August, 2020

HST date (Hawaii Standard Time) is listed for the first program starting after midnight (00:00) each day. Any date ambiguities should be resolved by the fact that programs are listed in strict time sequence. If you have any questions regarding the schedule or corrections, please email Bobby Bus at the following address: sjb@ifa.hawaii.edu

All observing must occur within the listed dates and times and only with the personnel listed on this schedule. Any changes to the dates, times, and observing personnel must be approved by the IRTF Director at least 1 month in advance; please submit requests earlier.

Support at the telescope by staff astronomers is only guaranteed for the first night of each observer's first run with an IRTF facility instrument as indicated by "First Night" in the Comments column above. Please confirm this verbally with your support astronomer.

Please return your Observing Requirements Form by the date indicated, approximately one month in advance of your run. Please note that IRTF facility instrumentation is provided as documented on our web site (<http://irtfweb.ifa.hawaii.edu>); modifications for individuals are usually not possible unless agreed upon by IRTF staff adequately in advance.

Driving IRTF vehicles is a privilege granted to observers with valid driver's license. Please read and obey our vehicle policy. This includes using IRTF vehicles only for official travel between Hilo, Hale Pohaku, and the summit at the times you have indicated. All changes to your vehicle usage must be communicated to and approved by Darryl Watanabe, the IRTF Observatory Manager.

SA (Support Astronomer)
ACB = Adwin Boogert
MSC = Michael Connelley
SJB = Bobby Bus
JTR = John Rayner