

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Feb. 1 Fr	18:00 18:30				---		facility open
	18:30 21:30		X	089 Chen	iSHELL		First Night
	21:30 05:50		X	022 Crossfield	iSHELL		
Feb. 2 Sa	05:50 06:00				---		facility close
Feb. 2 Sa	18:00 18:30				---		facility open
	18:30 23:00		X	044 Brittain	iSHELL		
	23:00 05:50		X	022 Crossfield	iSHELL		
Feb. 3 Su	05:50 06:00				---		facility close
Feb. 3 Su	18:00 18:30				---		facility open
	18:30 23:00		X	044 Brittain	iSHELL		
	23:00 05:00		X	066 Saki	iSHELL		
Feb. 4 Mo	05:00 12:00			028 Aoki	iSHELL		Daylight Obs, First Night
	12:00 12:10				---		facility close
Feb. 4 Mo	18:00 18:30				---		facility open
	18:30 23:00		X	044 Brittain	iSHELL		
	23:00 05:00		X	066 Saki	iSHELL		
Feb. 5 Tu	05:00 12:00			028 Aoki	iSHELL		Daylight Obs
	12:00 12:10				---		facility close
Feb. 5 Tu	18:30 19:00				---		facility open
	19:00 00:30		X	041 Llama	iSHELL		
Feb. 6 We	00:30 01:00				---		inst. change
	01:00 06:20		X	036 DeMeo	SpeX/MORIS		
	06:20 06:30				---		facility close
	10:00 16:00				---		inst. change
Feb. 6 We	18:30 19:00				---		facility open
	19:00 23:00		X	097 Boogert	iSHELL		
	23:00 05:00		X	066 Saki	iSHELL		
Feb. 7 Th	05:00 06:20			999 Engineering	TBD		
	06:20 06:30				---		facility close
	10:00 16:00				---		inst. change
Feb. 7 Th	18:30 19:00				---		facility open
	19:00 00:30		X	037 McGraw	SpeX		
Feb. 8 Fr	00:30 06:20		X	011 Reddy	SpeX/MORIS		
	06:20 06:30				---		facility close
Feb. 8 Fr	18:30 19:00				---		facility open
	19:00 23:59		X	096 Fischer	SpeX		
	23:59 00:45				---		inst. change
Feb. 9 Sa	00:45 05:15			999 Engineering	TEXES		
	05:15 11:00			032 Greathouse	TEXES		Daylight Obs
	11:00 11:45				---		inst. change
	11:45 11:55				---		facility close
Feb. 9 Sa	18:30 19:00				---		facility open

	19:00	04:30	X	043	Popescu	SpeX/MORIS	
Feb. 10 Su	04:30	05:15			--- inst. change		
	05:15	11:00		032	Greathouse	TEXES	Daylight Obs
	11:00	11:45			--- inst. change		
	11:45	11:55			--- facility close		
Feb. 10 Su	18:30	19:00			--- facility open		
	19:00	22:00	X	077	Lisse	SpeX/MORIS	
	22:00	04:45	X	069	Lisse	SpeX/MORIS	
Feb. 11 Mo	04:45	05:30			--- inst. change		
	05:30	10:00		073	Sinclair	TEXES	Daylight Obs
	10:00	12:30		019	Encrenaz	TEXES	Daylight Obs
	12:30	13:15			--- inst. change		
	13:15	13:25			--- facility close		
Feb. 11 Mo	18:30	19:00			--- facility open		
	19:00	22:00	X	059	Howell	SpeX	
	22:00	04:30	X	075	Protopapa	SpeX/MORIS	
Feb. 12 Tu	04:30	05:15			--- inst. change		
	05:15	10:00		073	Sinclair	TEXES	Daylight Obs
	10:00	12:30		019	Encrenaz	TEXES	Daylight Obs
	12:30	12:40			--- facility close		
Feb. 12 Tu	18:30	19:00			--- facility open		
	19:00	23:00		093	Beck	TEXES	
	23:00	01:00		081	Stancil	TEXES	
Feb. 13 We	01:00	05:00		999	Engineering	TEXES	
	05:00	10:00		008	Antunano	TEXES	Daylight Obs
	10:00	12:30		019	Encrenaz	TEXES	Daylight Obs
	12:30	12:40			--- facility close		
Feb. 13 We	18:30	19:00			--- facility open		
	19:00	22:30		093	Beck	TEXES	
	22:30	00:30		081	Stancil	TEXES	
Feb. 14 Th	00:30	05:00		999	Engineering	TEXES	
	05:00	10:00		008	Antunano	TEXES	Daylight Obs
	10:00	12:30		019	Encrenaz	TEXES	Daylight Obs
	12:30	12:40			--- facility close		
Feb. 14 Th	18:30	19:00			--- facility open		
	19:00	23:59		070	Boogert	TEXES	
	23:59	05:00		999	Engineering	TEXES	
Feb. 15 Fr	05:00	06:00		010	Giles	TEXES	
	06:00	12:30		019	Encrenaz	TEXES	Daylight Obs
	12:30	12:40			--- facility close		
Feb. 15 Fr	18:30	19:00			--- facility open		
	19:00	20:00		081	Stancil	TEXES	

	20:00	23:59		070	Boogert	TEXES	
	23:59	05:00		999	Engineering	TEXES	
Feb. 16 Sa	05:00	06:00		010	Giles	TEXES	
	06:00	13:00		019	Encrenaz	TEXES	Daylight Obs
	13:00	13:10			--- facility close		
Feb. 16 Sa	18:30	19:00			--- facility open		
	19:00	22:15		078	McCarthy	TEXES	
	22:15	23:00			--- inst. change		
	23:00	04:45	X	103	Thomas	SpeX/MORIS	
Feb. 17 Su	04:45	05:30			--- inst. change		
	05:30	07:00		010	Giles	TEXES	Daylight Obs
	07:00	13:00		019	Encrenaz	TEXES	Daylight Obs
	13:00	13:10			--- facility close		
Feb. 17 Su	18:30	19:00			--- facility open		
	19:00	22:15		078	McCarthy	TEXES	
	22:15	23:00			--- inst. change		
	23:00	04:45	X	075	Protopapa	SpeX/MORIS	
Feb. 18 Mo	04:45	05:30			--- inst. change		
	05:30	07:30		010	Giles	TEXES	Daylight Obs
	07:30	13:00		019	Encrenaz	TEXES	Daylight Obs
	13:00	13:10			--- facility close		
Feb. 18 Mo	18:30	19:00			--- facility open		
	19:00	22:15		078	McCarthy	TEXES	
	22:15	23:00			--- inst. change		
	23:00	04:45	X	020	Arredondo	SpeX/MORIS	
Feb. 19 Tu	04:45	05:30			--- inst. change		
	05:30	11:00		032	Greathouse	TEXES	Daylight Obs
	11:00	11:45			--- inst. change		
	11:45	11:55			--- facility close		
Feb. 19 Tu	18:30	19:00			--- facility open		
	19:00	01:00	X	096	Fischer	SpeX	
Feb. 20 We	01:00	04:45	X	020	Arredondo	SpeX/MORIS	
	04:45	05:30			--- inst. change		
	05:30	11:00		032	Greathouse	TEXES	Daylight Obs
	11:00	11:10			--- facility close		
	11:10	16:00			--- inst. change		
Feb. 20 We	18:30	19:00			--- facility open		
	19:00	23:59	X	041	Llama	iSHELL	
	23:59	00:30			--- inst. change		
Feb. 21 Th	00:30	06:20	X	057	Shahbandeh	SpeX/MORIS	
	06:20	06:30			--- facility close		
Feb. 21 Th	18:30	19:00			--- facility open		

	19:00	06:20		048	Takir	SpeX
Feb. 22 Fr	06:20	06:30			--- facility close	
Feb. 22 Fr	18:30	19:00			--- facility open	
	19:00	06:20		048	Takir	SpeX
Feb. 23 Sa	06:20	06:30			--- facility close	
Feb. 23 Sa	18:30	19:00			--- facility open	
	19:00	05:50		048	Takir	SpeX
Feb. 24 Su	05:50	06:20			--- inst. change	
	06:20	06:30			--- facility close	
Feb. 24 Su	18:30	19:00			--- facility open	
	19:00	23:59	X	041	Llama	iSHELL
	23:59	00:30			--- inst. change	
Feb. 25 Mo	00:30	06:20	X	072	Dressing	SpeX
	06:20	06:30			--- facility close	
	10:00	16:00			--- inst. change	
Feb. 25 Mo	18:30	19:00			--- facility open	
	19:00	23:59	X	041	Llama	iSHELL
	23:59	00:30			--- inst. change	
Feb. 26 Tu	00:30	06:20	X	031	Becker	SpeX/MORIS
	06:20	06:30			--- facility close	
	10:00	16:00			--- inst. change	
Feb. 26 Tu	18:30	19:00			--- facility open	
	19:00	02:00	X	086	Gaidos	iSHELL
Feb. 27 We	02:00	02:30			--- inst. change	
	02:30	06:20	X	036	DeMeo	SpeX/MORIS
	06:20	06:30			--- facility close	
Feb. 27 We	18:30	19:00			--- facility open	
	19:00	23:59	X	096	Fischer	SpeX
	23:59	03:40		999	Engineering	TBD
Feb. 28 Th	03:40	05:10	X	040	Rathbun	SpeX
	05:10	06:20		999	Engineering	TBD
	06:20	06:30			--- facility close	
Feb. 28 Th	18:30	19:00			--- facility open	
	19:00	06:20	X	051	Rivkin	SpeX

Observer List**February, 2019**

- 008 Arrate Antunano, Leigh Fletcher, Thomas Greathouse, Glenn Orton, Henrik Melin, James Sinclair, Padraig Donnelly, Rohini Giles, James Blake, Michael Roman and Naomi Rowe-Gurney
- 010 Rohini Giles, Thomas Greathouse, Therese Encrenaz, Glenn Orton, James Sinclair
- 011 Vishnu Reddy, Juan Sanchez, Allison McGraw
- 019 Therese Encrenaz, Thomas Greathouse, Emmanuel Marcq, Hideo Sagawa, Thomas Widemann, Bruno Bezard, Thierry Fouchet, Sushil Atreya, Yeon Joo Lee, Rohini Giles, Shigeto Watanabe
- 020 Anicia Arredondo, Humberto Campins, Noemi Pinilla-Alonso
- 022 Ian Crossfield, Joshua Lothringer, Richard Freedman, Elisabeth Mills
- 028 Shohei Aoki, Ann Carine Vandaele, Severine Robert, Arianna Piccialli, Arnaud Mahieux, Hideo Sagawa
- 031 Savan Becker, Paul Hardersen
- 032 Thomas Greathouse, Glenn Orton, Leigh Fletcher, Therese Encrenaz, Richard Cosentino, Thierry Fouchet, Rohini Giles, Raul Morales-Juberias
- 036 Francesca DeMeo, Schelte J. Bus, Michael Marsset, David Polishook, Brian Burt, Cristina Thomas, Richard P. Binzel, Nicholas Moskovitz, Andrew Rivkin
- 037 Lauren McGraw, Josh Emery, Cristina Thomas, Andy Rivkin
- 040 Julie Rathbun, Christian Tate, Paul Corlies, Alexander Hayes, John Spencer
- 041 Joe Llama, Jayne Birkby, Melissa McClure
- 043 Marcel Popescu, Julia de Leon, Javier Licandro, Ioana Lucia Boaca
- 044 Sean Brittain, Joan Najita, John Carr
- 048 Driss Takir, Joshua Emery
- 051 Andrew Rivkin, Ellen Howell, Josh Emery
- 057 Melissa Shahbandeh, Eric Hsiao, David Sand, Howie Marion, Mark Phillips, Andy Howell, Peter Hoeflich, Max Stritzinger, Chris Ashall
- 059 Ellen Howell, Ronald Vervack, Yan Fernandez, Mary Hinkle
- 066 Mohammad Saki, Erika Gibb, Nathan Roth, Neil Dello Russo, Michael DiSanti, Boncho Bonev, Ron Vervack, Adam McKay, Lori Feaga
- 069 Carey Lisse, Mike Sitko, Massimo Marengo, Stephen Kane, Steve Desch
- 070 Adwin Boogert, Andrew Barr, Xander Tielens, Ryan Dungee, John Lacy, Matt Richter, Curtis DeWitt, Ed Montiel, Jacqueline Keane
- 072 Courtney Dressing, Ellianna Schwab Abrahams, Kevin Hardegree-Ullman, Joshua Schlieder, Steven Giacalone, Jordan Fleming, Andrew Mayo, Jessie Christiansen
- 073 James Sinclair, Thomas Greathouse, Rohini Giles, Glenn Orton, Leigh Fletcher, Fachreddin Tabataba-Vakili
- 075 Silvia Protopapa, Michael S.P. Kelley, Bin Yang, Dennis Bodewits, Emmanuel Jehin, Quan-Zhi Ye
- 077 Carey Lisse, Mike Sitko, Hans Moritz Gunther, Scott Wolk
- 078 Michael McCarthy, Brett McGuire, Kelvin Lee, Matthew Richter
- 081 Phillip Stancil, Ziwei Zhang, John Lacy, Matt Richter
- 086 Eric Gaidos, Jennifer van Saders, Peter Plavchan, Bryson Cale
- 089 Christine Chen, Sean Brittain, Brandon Johnson, Casey Lisse
- 093 Tracy Beck, Matt Richter, Gail Schaefer
- 096 William Fischer, Agata Karska, Marta Sewilo, Lars Kristensen, Beata Deka-Szymankiewicz
- 097 Adwin Boogert
- 103 Cristina Thomas, Joshua Emery, Lauren McGraw, Andrew Rivkin

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Mar. 1 Fr	06:20 06:30				---		facility close
Mar. 1 Fr	18:30 19:00				---		facility open
	19:00 06:20		X	051 Rivkin	SpeX		
Mar. 2 Sa	06:20 06:30				---		facility close
Mar. 2 Sa	18:30 19:00				---		facility open
	19:00 06:20		X	051 Rivkin	SpeX		
Mar. 3 Su	06:20 06:30				---		facility close
Mar. 3 Su	18:30 19:00				---		facility open
	19:00 23:59		X	096 Fischer	SpeX		
	23:59 05:50			999 Engineering	TBD		
Mar. 4 Mo	05:50 06:20		X	040 Rathbun	SpeX		
	06:20 06:30				---		facility close
Mar. 4 Mo	18:30 19:00				---		facility open
	19:00 05:50		X	075 Protopapa	SpeX/MORIS		
Mar. 5 Tu	05:50 06:20		X	040 Rathbun	SpeX		
	06:20 06:30				---		facility close
Mar. 5 Tu	18:30 19:00				---		facility open
	19:00 06:20		X	011 Reddy	SpeX/MORIS		
Mar. 6 We	06:20 06:30				---		facility close
Mar. 6 We	19:15 19:45				---		facility open
	19:45 05:35		X	003 Fieber-Beyer	SpeX		
Mar. 7 Th	05:35 07:05		X	040 Rathbun	SpeX		
	07:05 07:15				---		facility close
Mar. 7 Th	18:30 19:00				---		facility open
	19:00 06:20		X	046 Bus	SpeX/MORIS		
Mar. 8 Fr	06:20 06:30				---		facility close
Mar. 8 Fr	18:30 19:00				---		facility open
	19:00 06:20			999 Engineering	TBD		
Mar. 9 Sa	06:20 06:30				---		facility close
Mar. 9 Sa	18:30 19:00				---		facility open
	19:00 06:20		X	031 Becker	SpeX/MORIS		
Mar. 10 Su	06:20 06:30				---		facility close
Mar. 10 Su	18:30 19:00				---		facility open
	19:00 05:50		X	072 Dressing	SpeX		
Mar. 11 Mo	05:50 06:20		X	040 Rathbun	SpeX		
	06:20 06:30				---		facility close
Mar. 11 Mo	18:30 19:00				---		facility open
	19:00 05:50			042 Longstaff	SpeX		First Night
Mar. 12 Tu	05:50 06:20		X	040 Rathbun	SpeX		
	06:20 06:30				---		facility close
Mar. 12 Tu	18:30 19:00				---		facility open
	19:00 06:20			042 Longstaff	SpeX		

Mar. 13 We	06:20	06:30					---	facility close
Mar. 13 We	18:30	19:00					---	facility open
	19:00	06:20		042	Longstaff			SpeX
Mar. 14 Th	06:20	06:30					---	facility close
Mar. 14 Th	18:30	19:00					---	facility open
	19:00	23:45	X	059	Howell			SpeX
	23:45	04:45	X	103	Thomas			SpeX/MORIS
Mar. 15 Fr	04:45	06:20		999	Engineering			TBD
	06:20	06:30					---	facility close
Mar. 15 Fr	18:30	19:00					---	facility open
	19:00	06:20	X	105	Faherty			SpeX
Mar. 16 Sa	06:20	06:30					---	facility close
Mar. 16 Sa	18:30	19:00					---	facility open
	19:00	06:20	X	105	Faherty			SpeX
Mar. 17 Su	06:20	06:30					---	facility close
Mar. 17 Su	18:30	19:00					---	facility open
	19:00	23:45	X	059	Howell			SpeX
	23:45	05:50		999	Engineering			TBD
Mar. 18 Mo	05:50	06:20	X	040	Rathbun			SpeX
	06:20	06:30					---	facility close
Mar. 18 Mo	18:30	19:00					---	facility open
	19:00	06:20	X	100	Zhang			SpeX
Mar. 19 Tu	06:20	06:30					---	facility close
Mar. 19 Tu	18:30	19:00					---	facility open
	19:00	05:50	X	100	Zhang			SpeX
Mar. 20 We	05:50	06:20	X	040	Rathbun			SpeX
	06:20	06:30					---	facility close
Mar. 20 We	18:30	19:00					---	facility open
	19:00	23:59	X	059	Howell			SpeX
	23:59	04:50		999	Engineering			TBD
Mar. 21 Th	04:50	05:20	X	040	Rathbun			SpeX
	05:20	06:20	X	079	Corlies			SpeX
	06:20	06:30					---	facility close
Mar. 21 Th	18:30	19:00					---	facility open
	19:00	06:20	X	020	Arredondo			SpeX/MORIS
Mar. 22 Fr	06:20	06:30					---	facility close
Mar. 22 Fr	18:30	19:00					---	facility open
	19:00	03:50		999	Engineering			TBD
Mar. 23 Sa	03:50	05:20	X	040	Rathbun			SpeX
	05:20	06:20	X	079	Corlies			SpeX
	06:20	06:30					---	facility close
Mar. 23 Sa	18:30	19:00					---	facility open

	19:00	02:20	X	057	Shahbandeh	SpeX/MORIS
Mar. 24 Su	02:20	06:20	X	045	Honniball	SpeX
	06:20	06:30			--- facility close	
Mar. 24 Su	18:30	19:00			--- facility open	
	19:00	23:59	X	037	McGraw	SpeX
	23:59	02:20		999	Engineering	TBD
Mar. 25 Mo	02:20	06:20	X	045	Honniball	SpeX
	06:20	06:30			--- facility close	
Mar. 25 Mo	18:30	19:00			--- facility open	
	19:00	02:20	X	995	UH_Open	TBD
Mar. 26 Tu	02:20	06:20	X	045	Honniball	SpeX
	06:20	06:30			--- facility close	
Mar. 26 Tu	18:30	19:00			--- facility open	
	19:00	02:50		999	Engineering	TBD
Mar. 27 We	02:50	06:20	X	045	Honniball	SpeX
	06:20	06:30			--- facility close	
Mar. 27 We	18:30	19:00			--- facility open	
	19:00	04:50	X	995	UH_Open	TBD
Mar. 28 Th	04:50	05:20	X	040	Rathbun	SpeX
	05:20	06:20	X	079	Corlies	SpeX
	06:20	06:30			--- facility close	
Mar. 28 Th	18:30	19:00			--- facility open	
	19:00	01:40	X	995	UH_Open	TBD
Mar. 29 Fr	01:40	06:20	X	097	Boogert	iSHELL
	06:20	06:30			--- facility close	
	10:00	16:00			--- inst. change	
Mar. 29 Fr	19:20	19:50			--- facility open	
	19:50	05:40	X	020	Arredondo	SpeX/MORIS
Mar. 30 Sa	05:40	07:10	X	040	Rathbun	SpeX
	07:10	07:20			--- facility close	
Mar. 30 Sa	18:30	19:00			--- facility open	
	19:00	05:20	X	036	DeMeo	SpeX/MORIS
Mar. 31 Su	05:20	06:20	X	079	Corlies	SpeX
	06:20	06:30			--- facility close	
Mar. 31 Su	18:25	18:55			--- facility open	
	18:55	02:15	X	995	UH_Open	TBD

Observer List**March, 2019**

- 003 Sherry Fieber-Beyer, Michael Gaffey, Fieber-Beyer Sherry, Gaffey, Mike
011 Vishnu Reddy, Juan Sanchez, Allison McGraw
020 Anicia Arredondo, Humberto Campins, Noemi Pinilla-Alonso
031 Savan Becker, Paul Hardersen
036 Francesca DeMeo, Schelte J. Bus, Michael Marsset, David Polishook, Brian Burt, Cristina Thomas, Richard P. Binzel, Nicholas Moskowitz, Andrew Rivkin
037 Lauren McGraw, Josh Emery, Cristina Thomas, Andy Rivkin
040 Julie Rathbun, Christian Tate, Paul Corlies, Alexander Hayes, John Spencer
042 Emma Longstaff, David Pinfield, Matthew Rickard, Federico Marocco, Elena Gonzalez Egea
045 Casey Honniball, Paul Lucey, Heather Kaluna, Driss Takir, Abigail Flom, Chiara Ferrari-Wong
046 Schelte J. Bus, Francesca DeMeo, Michael Marsset, David Polishook, Cristina Thomas, Brian Burt, Richard Binzel, Nicholas Moskowitz, Andrew Rivkin
051 Andrew Rivkin, Ellen Howell, Josh Emery
057 Melissa Shahbandeh, Eric Hsiao, David Sand, Howie Marion, Mark Phillips, Andy Howell, Peter Hoeflich, Max Stritzinger, Chris Ashall
059 Ellen Howell, Ronald Vervack, Yan Fernandez, Mary Hinkle
072 Courtney Dressing, Ellianna Schwab Abrahams, Kevin Hardegree-Ullman, Joshua Schlieder, Steven Giacalone, Jordan Fleming, Andrew Mayo, Jessie Christiansen
075 Silvia Protopapa, Michael S.P. Kelley, Bin Yang, Dennis Bodewits, Emmanuel Jehin, Quan-Zhi Ye
079 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovic, Elizabeth Turtle, Sebastien Rodriguez, Jonathan Mitchell, Jonathan Lunine, Juan Lora
096 William Fischer, Agata Karska, Marta Sewilo, Lars Kristensen, Beata Dekka-Szymankiewicz
097 Adwin Boogert
100 Zhoujian Zhang, Michael Liu, Eugene Magnier, William Best
103 Cristina Thomas, Joshua Emery, Lauren McGraw, Andrew Rivkin
105 Jackie Faherty, Marc Kuchner, Jonathan Gagne, Aaron Meisner, Adam Schneider, Daniella Bardalez-Gagliuffi, Sarah Logsdon

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Apr. 1 Mo	02:15 06:15		X	054 Sickafoose	SpeX/MORIS		
	06:15 06:25				---		facility close
Apr. 1 Mo	18:20 18:50				---		facility open
	18:50 06:10		X	011 Reddy	SpeX/MORIS		
Apr. 2 Tu	06:10 06:20				---		facility close
Apr. 2 Tu	18:20 18:50				---		facility open
	18:50 02:10		X	995 UH_Open	TBD		
Apr. 3 We	02:10 06:10		X	012 Bjoraker	iSHELL		
	06:10 06:20				---		facility close
Apr. 3 We	18:20 18:50				---		facility open
	18:50 22:00			999 Engineering	TBD		
	22:00 04:40		X	099 Zhang	SpeX		
Apr. 4 Th	04:40 05:10		X	040 Rathbun	SpeX		
	05:10 06:10		X	079 Corlies	SpeX		
	06:10 06:20				---		facility close
Apr. 4 Th	18:20 18:50				---		facility open
	18:50 22:30			999 Engineering	TBD		
	22:30 05:40		X	099 Zhang	SpeX		
Apr. 5 Fr	05:40 06:10		X	040 Rathbun	SpeX		
	06:10 06:20				---		facility close
Apr. 5 Fr	18:20 18:50				---		facility open
	18:50 23:10			999 Engineering	TBD		
	23:10 06:10		X	033 Chowdhury	iSHELL		
Apr. 6 Sa	06:10 06:20				---		facility close
Apr. 6 Sa	18:20 18:50				---		facility open
	18:50 19:20				---		inst. change
	19:20 01:30		X	100 Zhang	SpeX		
Apr. 7 Su	01:30 06:10		X	075 Protopapa	SpeX/MORIS		
	06:10 06:20				---		facility close
Apr. 7 Su	18:20 18:50				---		facility open
	18:50 01:40		X	036 DeMeo	SpeX/MORIS		
Apr. 8 Mo	01:40 02:10				---		inst. change
	02:10 06:10		X	012 Bjoraker	iSHELL		
	06:10 06:20				---		facility close
	10:00 16:00				---		inst. change
Apr. 8 Mo	18:20 18:50				---		facility open
	18:50 00:30		X	011 Reddy	SpeX/MORIS		
Apr. 9 Tu	00:30 05:10		X	074 Luhman	SpeX		
	05:10 06:10		X	079 Corlies	SpeX		
	06:10 06:20				---		facility close
Apr. 9 Tu	18:20 18:50				---		facility open
	18:50 00:30			999 Engineering	TBD		

Apr. 10 We	00:30	05:40	X	074	Luhman	SpeX	
	05:40	06:10	X	040	Rathbun	SpeX	
	06:10	06:20			--- facility close		
Apr. 10 We	18:20	18:50			--- facility open		
	18:50	00:30	X	057	Shahbandeh	SpeX/MORIS	
Apr. 11 Th	00:30	05:40	X	074	Luhman	SpeX	
	05:40	06:10	X	040	Rathbun	SpeX	
	06:10	06:20			--- facility close		
Apr. 11 Th	18:20	18:50			--- facility open		
	18:50	00:30		999	Engineering	TBD	
Apr. 12 Fr	00:30	05:10	X	074	Luhman	SpeX	
	05:10	06:10	X	079	Corlies	SpeX	
	06:10	06:20			--- facility close		
Apr. 12 Fr	18:20	18:50			--- facility open		
	18:50	22:30		999	Engineering	SpeX	
	22:30	23:15			--- inst. change		
	23:15	01:15		999	Engineering	TEXES	
Apr. 13 Sa	01:15	07:00		032	Greathouse	TEXES	Daylight Obs
	07:00	08:00		010	Giles	TEXES	Daylight Obs
	08:00	11:00		019	Encrenaz	TEXES	Daylight Obs
	11:00	11:45			--- inst. change		
	11:45	11:55			--- facility close		
Apr. 13 Sa	18:20	18:50			--- facility open		
	18:50	22:50	X	045	Honniball	SpeX	
	22:50	00:30		999	Engineering	TBD	
Apr. 14 Su	00:30	01:15			--- inst. change		
	01:15	07:00		032	Greathouse	TEXES	Daylight Obs
	07:00	08:00		010	Giles	TEXES	Daylight Obs
	08:00	11:00		019	Encrenaz	TEXES	Daylight Obs
	11:00	11:45			--- inst. change		
	11:45	11:55			--- facility close		
Apr. 14 Su	18:20	18:50			--- facility open		
	18:50	22:50	X	045	Honniball	SpeX	
	22:50	00:30		999	Engineering	TBD	
Apr. 15 Mo	00:30	01:15			--- inst. change		
	01:15	03:15		068	Tsang	TEXES	
	03:15	08:00		073	Sinclair	TEXES	Daylight Obs
	08:00	11:00		019	Encrenaz	TEXES	Daylight Obs
	11:00	11:45			--- inst. change		
	11:45	11:55			--- facility close		
Apr. 15 Mo	18:20	18:50			--- facility open		
	18:50	22:50	X	045	Honniball	SpeX	

	22:50	00:30		999	Engineering	TBD	
Apr. 16 Tu	00:30	01:15		--- inst. change			
	01:15	03:15		068	Tsang	TEXES	
	03:15	08:00		073	Sinclair	TEXES	Daylight Obs
	08:00	11:00		019	Encrenaz	TEXES	Daylight Obs
	11:00	11:45		--- inst. change			
	11:45	11:55		--- facility close			
Apr. 16 Tu	18:20	18:50		--- facility open			
	18:50	22:30	X	045	Honniball	SpeX	
	22:30	00:30	X	103	Thomas	SpeX/MORIS	
Apr. 17 We	00:30	01:15		--- inst. change			
	01:15	03:15		068	Tsang	TEXES	
	03:15	08:00		008	Antunano	TEXES	Daylight Obs
	08:00	11:00		019	Encrenaz	TEXES	Daylight Obs
	11:00	11:45		--- inst. change			
	11:45	11:55		--- facility close			
Apr. 17 We	18:20	18:50		--- facility open			
	18:50	00:30		999	Engineering	TBD	
Apr. 18 Th	00:30	01:15		--- inst. change			
	01:15	03:15		068	Tsang	TEXES	
	03:15	08:00		008	Antunano	TEXES	Daylight Obs
	08:00	11:00		019	Encrenaz	TEXES	Daylight Obs
	11:00	11:45		--- inst. change			
	11:45	11:55		--- facility close			
Apr. 18 Th	18:20	18:50		--- facility open			
	18:50	00:30		999	Engineering	TBD	
Apr. 19 Fr	00:30	01:15		--- inst. change			
	01:15	03:15		068	Tsang	TEXES	
	03:15	06:30		034	Blake	TEXES	
	06:30	08:00		010	Giles	TEXES	Daylight Obs
	08:00	11:00		019	Encrenaz	TEXES	Daylight Obs
	11:00	11:10		--- facility close			
Apr. 19 Fr	18:20	18:50		--- facility open			
	18:50	22:50		081	Stancil	TEXES	
	22:50	01:00		999	Engineering	TEXES	
Apr. 20 Sa	01:00	03:00		068	Tsang	TEXES	
	03:00	07:00		034	Blake	TEXES	Daylight Obs
	07:00	10:00		019	Encrenaz	TEXES	Daylight Obs
	10:00	10:45		--- inst. change			
	10:45	10:55		--- facility close			
Apr. 20 Sa	18:20	18:50		--- facility open			
	18:50	21:50	X	059	Howell	SpeX	

	21:50	02:30		999	Engineering	TBD	
Apr. 21 Su	02:30	03:15			--- inst. change		
	03:15	07:00		034	Blake	TEXES	Daylight Obs
	07:00	10:00		019	Encrenaz	TEXES	Daylight Obs
	10:00	10:45			--- inst. change		
	10:45	10:55			--- facility close		
Apr. 21 Su	18:20	18:50			--- facility open		
	18:50	02:30	X	020	Arredondo	SpeX/MORIS	
Apr. 22 Mo	02:30	03:15			--- inst. change		
	03:15	06:30		034	Blake	TEXES	
	06:30	07:00		010	Giles	TEXES	Daylight Obs
	07:00	10:00		019	Encrenaz	TEXES	Daylight Obs
	10:00	10:45			--- inst. change		
	10:45	10:55			--- facility close		
Apr. 22 Mo	18:20	18:50			--- facility open		
	18:50	00:30	X	072	Dressing	SpeX	
Apr. 23 Tu	00:30	01:15			--- inst. change		
	01:15	07:00		032	Greathouse	TEXES	Daylight Obs
	07:00	10:00		019	Encrenaz	TEXES	Daylight Obs
	10:00	10:45			--- inst. change		
	10:45	10:55			--- facility close		
Apr. 23 Tu	18:20	18:50			--- facility open		
	18:50	00:30	X	020	Arredondo	SpeX/MORIS	
Apr. 24 We	00:30	01:15			--- inst. change		
	01:15	07:00		032	Greathouse	TEXES	Daylight Obs
	07:00	10:00		019	Encrenaz	TEXES	Daylight Obs
	10:00	10:45			--- inst. change		
	10:45	10:55			--- facility close		
Apr. 24 We	18:20	18:50			--- facility open		
	18:50	23:40		999	Engineering	TBD	
	23:40	05:10	X	074	Luhman	SpeX	
Apr. 25 Th	05:10	06:10	X	079	Corlies	SpeX	
	06:10	06:20			--- facility close		
Apr. 25 Th	18:20	18:50			--- facility open		
	18:50	23:40		999	Engineering	TBD	
	23:40	05:40	X	074	Luhman	SpeX	
Apr. 26 Fr	05:40	06:10	X	040	Rathbun	SpeX	
	06:10	06:20			--- facility close		
Apr. 26 Fr	18:20	18:50			--- facility open		
	18:50	23:40		999	Engineering	TBD	
	23:40	05:10	X	074	Luhman	SpeX	
Apr. 27 Sa	05:10	06:10	X	079	Corlies	SpeX	

	06:10	06:20				---	facility close	
Apr. 27 Sa	18:20	18:50				---	facility open	
	18:50	23:40	X	011	Reddy		SpeX/MORIS	
	23:40	03:40	X	074	Luhman		SpeX	
Apr. 28 Su	03:40	06:10	X	004	Landt		SpeX	
	06:10	06:20				---	facility close	
Apr. 28 Su	18:20	18:50				---	facility open	
	18:50	23:15	X	020	Arredondo		SpeX/MORIS	
	23:15	05:00	X	056	Sitko		SpeX	
Apr. 29 Mo	05:00	05:40	X	079	Corlies		SpeX	
	05:40	06:10	X	040	Rathbun		SpeX	
	06:10	06:20				---	facility close	
Apr. 29 Mo	18:20	18:50				---	facility open	
	18:50	23:30	X	046	Bus		SpeX/MORIS	
	23:30	06:10	X	056	Sitko		SpeX	
Apr. 30 Tu	06:10	06:20				---	facility close	
Apr. 30 Tu	18:20	18:50				---	facility open	
	18:50	22:20	X	020	Arredondo		SpeX/MORIS	
	22:20	01:50	X	043	Popescu		SpeX/MORIS	

Observer List**April, 2019**

- 004 Hermine Landt, Martin Ward, Jake Mitchell, Chris Packham, Keith Horne, Brad Peterson, Joerg-Uwe Pott, Andy Lawrence, Gary Ferland, Thaisa Storch-Bergmann
- 008 Arrate Antunano, Leigh Fletcher, Thomas Greathouse, Glenn Orton, Henrik Melin, James Sinclair, Padraig Donnelly, Rohini Giles, James Blake, Michael Roman and Naomi Rowe-Gurney
- 010 Rohini Giles, Thomas Greathouse, Therese Encrenaz, Glenn Orton, James Sinclair
- 011 Vishnu Reddy, Juan Sanchez, Allison McGraw
- 012 Gordon Bjoraker, Michael H. Wong, Charles Goullaud, Glenn Orton, Csaba Palotai, Imke de Pater, Tilak Hewagama
- 019 Therese Encrenaz, Thomas Greathouse, Emmanuel Marcq, Hideo Sagawa, Thomas Widemann, Bruno Bezar, Thierry Fouchet, Sushil Atreya, Yeon Joo Lee, Rohini Giles, Shigeto Watanabe
- 020 Anicia Arredondo, Humberto Campins, Noemi Pinilla-Alonso
- 032 Thomas Greathouse, Glenn Orton, Leigh Fletcher, Therese Encrenaz, Richard Cosentino, Thierry Fouchet, Rohini Giles, Raul Morales-Juberias
- 033 Nahid Chowdhury, Henrik Melin, Tom Stallard, Leigh Fletcher, Glenn Orton, James O'Donoghue, Luke Moore
- 034 James Blake, Leigh Fletcher, Thomas Greathouse, Glenn Orton, Henrik Melin
- 036 Francesca DeMeo, Schelte J. Bus, Michael Marsset, David Polishook, Brian Burt, Cristina Thomas, Richard P. Binzel, Nicholas Moskovitz, Andrew Rivkin
- 040 Julie Rathbun, Christian Tate, Paul Corlies, Alexander Hayes, John Spencer
- 043 Marcel Popescu, Julia de Leon, Javier Licandro, Ioana Lucia Boaca
- 045 Casey Honniball, Paul Lucey, Heather Kaluna, Driss Takir, Abigail Flom, Chiara Ferrari-Wong
- 046 Schelte J. Bus, Francesca DeMeo, Michael Marsset, David Polishook, Cristina Thomas, Brian Burt, Richard Binzel, Nicholas Moskovitz, Andrew Rivkin
- 054 Amanda Sickafoose, Carlos Zuluaga, Amanda Bosh, Stephen Levine, Michael Person
- 056 Michael Sitko, Ray Russell, Carol Grady, William Danchi, Jon Mauerhan
- 057 Melissa Shahbandeh, Eric Hsiao, David Sand, Howie Marion, Mark Phillips, Andy Howell, Peter Hoeflich, Max Stritzinger, Chris Ashall
- 059 Ellen Howell, Ronald Vervack, Yan Fernandez, Mary Hinkle
- 068 Constantine Tsang, John Spencer, Thomas Greathouse, Emmanuel Lellouch
- 072 Courtney Dressing, Ellianna Schwab Abrahams, Kevin Hardegree-Ullman, Joshua Schlieder, Steven Giacalone, Jordan Fleming, Andrew Mayo, Jessie Christiansen
- 073 James Sinclair, Thomas Greathouse, Rohini Giles, Glenn Orton, Leigh Fletcher, Fachreddin Tabataba-Vakili
- 074 Kevin Luhman, Taran Esplin
- 075 Silvia Protopapa, Michael S.P. Kelley, Bin Yang, Dennis Bodewits, Emmanuel Jehin, Quan-Zhi Ye
- 079 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovics, Elizabeth Turtle, Sebastien Rodriguez, Jonathan Mitchell, Jonathan Lunine, Juan Lora
- 081 Phillip Stancil, Ziwei Zhang, John Lacy, Matt Richter
- 099 Zhoujian Zhang, Michael Liu, Eugene Magnier, William Best
- 100 Zhoujian Zhang, Michael Liu, Eugene Magnier, William Best
- 103 Cristina Thomas, Joshua Emery, Lauren McGraw, Andrew Rivkin

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
May. 1 We	01:50 03:20		X	040 Rathbun	SpeX		
	03:20 06:10		X	020 Arredondo	SpeX/MORIS		
	06:10 06:20			---	facility close		
	10:00 16:00			---	inst. change		
May. 1 We	18:15 18:45			---	facility open		
	18:45 21:55		X	017 Trilling	MIRSI/MOC		First Night
	21:55 22:25			---	inst. change		
	22:25 06:05		X	099 Zhang	SpeX		
May. 2 Th	06:05 06:15			---	facility close		
May. 2 Th	18:15 18:45			---	facility open		
	18:45 22:25		X	011 Reddy	SpeX/MORIS		
	22:25 04:55		X	099 Zhang	SpeX		
May. 3 Fr	04:55 05:35		X	079 Corlies	SpeX		
	05:35 06:05		X	040 Rathbun	SpeX		
	06:05 06:15			---	facility close		
	10:00 16:00			---	inst. change		
May. 3 Fr	18:15 18:45			---	facility open		
	18:45 06:05			999 Engineering	BASS		
May. 4 Sa	06:05 06:15			---	facility close		
May. 4 Sa	18:15 18:45			---	facility open		
	18:45 06:05			056 Sitko	BASS		
May. 5 Su	06:05 06:15			---	facility close		
May. 5 Su	18:15 18:45			---	facility open		
	18:45 06:05			056 Sitko	BASS		
May. 6 Mo	06:05 06:15			---	facility close		
May. 6 Mo	18:15 18:45			---	facility open		
	18:45 06:05			056 Sitko	BASS		
May. 7 Tu	06:05 06:15			---	facility close		
	10:00 16:00			---	inst. change		
May. 7 Tu	18:15 18:45			---	facility open		
	18:45 03:35		X	046 Bus	SpeX/MORIS		
May. 8 We	03:35 05:05		X	040 Rathbun	SpeX		
	05:05 06:05		X	079 Corlies	SpeX		
	06:05 06:15			---	facility close		
May. 8 We	18:15 18:45			---	facility open		
	18:45 02:55		X	011 Reddy	SpeX/MORIS		
May. 9 Th	02:55 03:35		X	079 Corlies	SpeX		
	03:35 06:05		X	004 Landt	SpeX		
	06:05 06:15			---	facility close		
	10:00 16:00			---	inst. change		
May. 9 Th	18:15 18:45			---	facility open		
	18:45 23:55		X	017 Trilling	MIRSI/MOC		

	23:55	00:25				---	inst. change	
May. 10 Fr	00:25	06:05	X	092	Goto		iSHELL	
	06:05	06:15				---	facility close	
	10:00	16:00				---	inst. change	
May. 10 Fr	18:15	18:45				---	facility open	
	18:45	00:10	X	057	Shahbandeh		SpeX/MORIS	
May. 11 Sa	00:10	00:40				---	inst. change	
	00:40	06:05	X	092	Goto		iSHELL	
	06:05	06:15				---	facility close	
May. 11 Sa	18:15	18:45				---	facility open	
	18:45	19:15				---	inst. change	
	19:15	23:15	X	045	Honniball		SpeX	
	23:15	06:05	X	056	Sitko		SpeX	
May. 12 Su	06:05	06:15				---	facility close	
May. 12 Su	18:15	18:45				---	facility open	
	18:45	22:45	X	045	Honniball		SpeX	
	22:45	05:05	X	056	Sitko		SpeX	
May. 13 Mo	05:05	06:05	X	079	Corlies		SpeX	
	06:05	06:15				---	facility close	
May. 13 Mo	18:15	18:45				---	facility open	
	18:45	22:45	X	045	Honniball		SpeX	
	22:45	01:00	X	103	Thomas		SpeX/MORIS	
May. 14 Tu	01:00	01:30	X	040	Rathbun		SpeX	
	01:30	06:05	X	063	Connelley		SpeX	
	06:05	06:15				---	facility close	
May. 14 Tu	18:15	18:45				---	facility open	
	18:45	22:45	X	045	Honniball		SpeX	
	22:45	06:05	X	063	Connelley		SpeX	
May. 15 We	06:05	06:15				---	facility close	
	10:00	16:00				---	inst. change	
May. 15 We	18:15	18:45				---	facility open	
	18:45	06:05	X	022	Crossfield		iSHELL	
May. 16 Th	06:05	06:15				---	facility close	
May. 16 Th	18:15	18:45				---	facility open	
	18:45	23:45	X	022	Crossfield		iSHELL	
	23:45	01:15	X	040	Rathbun		iSHELL	
May. 17 Fr	01:15	06:05	X	022	Crossfield		iSHELL	
	06:05	06:15				---	facility close	
	10:00	16:00				---	inst. change	
May. 17 Fr	18:15	18:45				---	facility open	
	19:00	23:00	X	037	McGraw		SpeX	
	23:00	01:45	X	023	Hardersen		SpeX/MORIS	

May. 18 Sa	01:45	02:15	X	040	Rathbun	SpeX
	02:15	02:55	X	079	Corlies	SpeX
	02:55	06:05	X	003	Fieber-Beyer	SpeX
	06:05	06:15			--- facility close	
May. 18 Sa	18:15	18:45			--- facility open	
	18:45	06:05	X	003	Fieber-Beyer	SpeX
May. 19 Su	06:05	06:15			--- facility close	
May. 19 Su	18:15	18:45			--- facility open	
	18:45	23:15	X	059	Howell	SpeX
	23:15	23:45	X	040	Rathbun	SpeX
	23:45	03:45	X	054	Sickafoose	SpeX/MORIS
May. 20 Mo	03:45	06:05	X	004	Landt	SpeX
	06:05	06:15			--- facility close	
May. 20 Mo	18:15	18:45			--- facility open	
	18:45	23:55	X	003	Fieber-Beyer	SpeX
	23:55	00:25			--- inst. change	
May. 21 Tu	00:25	06:05	X	038	Dinerstein	iSHELL
	06:05	06:15			--- facility close	
	10:00	16:00			--- inst. change	
May. 21 Tu	18:15	18:45			--- facility open	
	18:45	23:55	X	036	DeMeo	SpeX/MORIS
	23:55	00:25			--- inst. change	
May. 22 We	00:25	06:05	X	038	Dinerstein	iSHELL
	06:05	06:15			--- facility close	
	10:00	16:00			--- inst. change	
May. 22 We	18:15	18:45			--- facility open	
	18:45	23:55	X	036	DeMeo	SpeX/MORIS
	23:55	00:25			--- inst. change	
May. 23 Th	00:25	06:05	X	038	Dinerstein	iSHELL
	06:05	06:15			--- facility close	
May. 23 Th	18:15	18:45			--- facility open	
	18:45	21:45		999	Engineering	TBD
	21:45	01:30	X	054	Sickafoose	SpeX/MORIS
May. 24 Fr	01:30	03:00	X	040	Rathbun	SpeX
	03:00	06:05	X	060	Lisse	SpeX/MORIS
	06:05	06:15			--- facility close	
May. 24 Fr	18:15	18:45			--- facility open	
	18:45	23:59	X	037	McGraw	SpeX
	23:59	00:30			--- inst. change	
May. 25 Sa	00:30	06:05	X	080	Moore	iSHELL
	06:05	06:15			--- facility close	
May. 25 Sa	18:15	18:45			--- facility open	

	18:45	19:15				---	inst. change		
	19:15	23:59	X	037	McGraw		SpeX		
	23:59	00:30				---	inst. change		
May. 26 Su	00:30	05:35	X	080	Moore		iSHELL		
	05:35	06:05				---	inst. change		
	06:05	06:15				---	facility close		
May. 26 Su	18:15	18:45				---	facility open		
	18:45	00:25	X	059	Howell		SpeX		
May. 27 Mo	00:25	00:55				---	inst. change		
	00:55	05:35	X	080	Moore		iSHELL		
	05:35	06:05				---	inst. change		
	06:05	06:15				---	facility close		
May. 27 Mo	18:15	18:45				---	facility open		
	18:45	22:30		999	Engineering		SpeX		V. Reddy
	22:30	23:00				---	inst. change		
	23:00	06:05	X	012	Bjoraker		iSHELL		
May. 28 Tu	06:05	06:15				---	facility close		
	10:00	16:00				---	inst. change		
May. 28 Tu	18:15	18:45				---	facility open		
	18:45	22:05	X	017	Trilling		MIRSI/MOC		
	22:05	22:35				---	inst. change		
	22:35	06:05	X	033	Chowdhury		iSHELL		
May. 29 We	06:05	06:15				---	facility close		
	10:00	16:00				---	inst. change		
May. 29 We	18:15	18:45				---	facility open		
	18:45	00:25	X	059	Howell		SpeX		
May. 30 Th	00:25	03:35	X	075	Protopapa		SpeX/MORIS		
	03:35	06:05	X	004	Landt		SpeX		
	06:05	06:15				---	facility close		
May. 30 Th	18:15	18:45				---	facility open		
	18:45	21:30		999	Engineering		SpeX		V. Reddy
	21:30	22:00				---	inst. change		
	22:00	03:30	X	012	Bjoraker		iSHELL		
May. 31 Fr	03:30	05:00	X	040	Rathbun		iSHELL		
	05:00	06:05		999	Engineering		TBD		
	06:05	06:15				---	facility close		
	10:00	16:00				---	inst. change		
May. 31 Fr	18:15	18:45				---	facility open		
	18:45	06:05		999	Engineering		HIPWAC		

Observer List**May, 2019**

- 003 Sherry Fieber-Beyer, Michael Gaffey, Fieber-Beyer Sherry, Gaffey, Mike
004 Hermine Landt, Martin Ward, Jake Mitchell, Chris Packham, Keith Horne, Brad Peterson, Joerg-Uwe Pott, Andy Lawrence, Gary Ferland, Thaisa Storchi-Bergmann
011 Vishnu Reddy, Juan Sanchez, Allison McGraw
012 Gordon Bjoraker, Michael H. Wong, Charles Goullaud, Glenn Orton, Csaba Palotai, Imke de Pater, Tilak Hewagama
017 David Trilling, Michael Mommert, Joseph Hora, Howard Smith, Nicholas Moskovitz
020 Anicia Arredondo, Humberto Campins, Noemi Pinilla-Alonso
022 Ian Crossfield, Joshua Lothringer, Richard Freedman, Elisabeth Mills
023 Paul Hardersen, Russell Genet
033 Nahid Chowdhury, Henrik Melin, Tom Stallard, Leigh Fletcher, Glenn Orton, James O'Donoghue, Luke Moore
036 Francesca DeMeo, Schelte J. Bus, Michael Marsset, David Polishook, Brian Burt, Cristina Thomas, Richard P. Binzel, Nicholas Moskovitz, Andrew Rivkin
037 Lauren McGraw, Josh Emery, Cristina Thomas, Andy Rivkin
038 Harriet Dinerstein, Nicholas Sterling, William Vacca
040 Julie Rathbun, Christian Tate, Paul Corlies, Alexander Hayes, John Spencer
045 Casey Honniball, Paul Lucey, Heather Kaluna, Driss Takir, Abigail Flom, Chiara Ferrari-Wong
046 Schelte J. Bus, Francesca DeMeo, Michael Marsset, David Polishook, Cristina Thomas, Brian Burt, Richard Binzel, Nicholas Moskovitz, Andrew Rivkin
054 Amanda Sickafoose, Carlos Zuluaga, Amanda Bosh, Stephen Levine, Michael Person
056 Michael Sitko, Ray Russell, Carol Grady, William Danchi, Jon Mauerhan
057 Melissa Shahbandeh, Eric Hsiao, David Sand, Howie Marion, Mark Phillips, Andy Howell, Peter Hoeflich, Max Stritzinger, Chris Ashall
059 Ellen Howell, Ronald Vervack, Yan Fernandez, Mary Hinkle
060 Carey Lisse, Mike Sitko, Massimo Marengo, Miles Lucas
063 Michael Connelley, Christian Flores, Bo Reipurth
075 Silvia Protopapa, Michael S.P. Kelley, Bin Yang, Dennis Bodewits, Emmanuel Jehin, Quan-Zhi Ye
079 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovics, Elizabeth Turtle, Sebastien Rodriguez, Jonathan Mitchell, Jonathan Lunine, Juan Lora
080 Luke Moore, Carl Schmidt, James O'Donoghue, Henrik Melin, Tom Stallard
092 Miwa Goto, Tom Geballe, Tomonori Usuda
099 Zhoujian Zhang, Michael Liu, Eugene Magnier, William Best
103 Cristina Thomas, Joshua Emery, Lauren McGraw, Andrew Rivkin

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Jun. 1 Sa	06:05 06:15				---		facility close
Jun. 1 Sa	18:20 18:50				---		facility open
	18:50 06:10			082 Livengood	HIPWAC		
Jun. 2 Su	06:10 06:20				---		facility close
Jun. 2 Su	18:20 18:50				---		facility open
	18:50 06:10			082 Livengood	HIPWAC		
Jun. 3 Mo	06:10 06:20				---		facility close
Jun. 3 Mo	18:20 18:50				---		facility open
	18:50 06:10			082 Livengood	HIPWAC		
Jun. 4 Tu	06:10 06:20				---		facility close
Jun. 4 Tu	18:20 18:50				---		facility open
	18:50 06:10			082 Livengood	HIPWAC		
Jun. 5 We	06:10 06:20				---		facility close
Jun. 5 We	18:20 18:50				---		facility open
	18:50 06:10			082 Livengood	HIPWAC		
Jun. 6 Th	06:10 06:20				---		facility close
Jun. 6 Th	18:20 18:50				---		facility open
	18:50 06:10			082 Livengood	HIPWAC		
Jun. 7 Fr	06:10 06:20				---		facility close
	10:00 16:00				---		inst. change
Jun. 7 Fr	18:20 18:50				---		facility open
	18:50 00:30		X	059 Howell	SpeX		
Jun. 8 Sa	00:30 02:30		X	014 Wagner	SpeX		
	02:30 03:00		X	040 Rathbun	SpeX		
	03:00 03:40		X	079 Corlies	SpeX		
	03:40 06:10		X	004 Landt	SpeX		
	06:10 06:20				---		facility close
Jun. 8 Sa	18:20 18:50				---		facility open
	18:50 01:10		X	011 Reddy	SpeX/MORIS		
Jun. 9 Su	01:10 01:40		X	040 Rathbun	SpeX		
	01:40 06:10		X	054 Sickafoose	SpeX/MORIS		
	06:10 06:20				---		facility close
Jun. 9 Su	18:20 18:50				---		facility open
	18:50 19:20				---		inst. change
	19:20 00:45		X	084 McKay	iSHELL		
Jun. 10 Mo	00:45 06:10		X	013 Bjoraker	iSHELL		
	06:10 06:20				---		facility close
Jun. 10 Mo	18:20 18:50				---		facility open
	18:50 00:30		X	084 McKay	iSHELL		
Jun. 11 Tu	00:30 06:10		X	013 Bjoraker	iSHELL		
	06:10 06:20				---		facility close
	10:00 16:00				---		inst. change

Jun. 11 Tu	18:20	18:50				---	facility open
	18:50	00:35	X	108	Gaidos		SpeX
Jun. 12 We	00:35	03:35	X	029	Holler		SpeX
	03:35	06:10	X	011	Reddy		SpeX/MORIS
	06:10	06:20				---	facility close
Jun. 12 We	18:20	18:50				---	facility open
	18:50	23:30	X	108	Gaidos		SpeX
	23:30	00:10	X	079	Corlies		SpeX
Jun. 13 Th	00:10	03:10	X	029	Holler		SpeX
	03:10	03:40				---	inst. change
	03:40	06:10	X	017	Trilling		MIRSI/MOC
	06:10	06:20				---	facility close
Jun. 13 Th	18:20	18:50				---	facility open
	18:50	00:40		999	Engineering		TBD
Jun. 14 Fr	00:40	03:40	X	029	Holler		SpeX
	03:40	06:10	X	004	Landt		SpeX
	06:10	06:20				---	facility close
Jun. 14 Fr	18:20	18:50				---	facility open
	18:50	00:35	X	020	Arredondo		SpeX/MORIS
Jun. 15 Sa	00:35	03:35	X	029	Holler		SpeX
	03:35	06:10	X	100	Zhang		SpeX
	06:10	06:20				---	facility close
Jun. 15 Sa	18:20	18:50				---	facility open
	18:50	00:10	X	100	Zhang		SpeX
Jun. 16 Su	00:10	03:10	X	029	Holler		SpeX
	03:10	03:40				---	inst. change
	03:40	06:10	X	017	Trilling		MIRSI/MOC
	06:10	06:20				---	facility close
Jun. 16 Su	18:20	18:50				---	facility open
	18:50	19:20				---	inst. change
	19:20	23:59	X	057	Shahbandeh		SpeX/MORIS
	23:59	03:00	X	029	Holler		SpeX
Jun. 17 Mo	03:00	03:30				---	inst. change
	03:30	06:10	X	067	Teske		iSHELL
	06:10	06:20				---	facility close
	10:00	16:00				---	inst. change
Jun. 17 Mo	18:20	18:50				---	facility open
	18:50	22:40	X	108	Gaidos		SpeX
	22:40	00:10	X	040	Rathbun		SpeX
Jun. 18 Tu	00:10	00:50	X	079	Corlies		SpeX
	00:50	03:40	X	075	Protopapa		SpeX/MORIS
	03:40	06:10	X	004	Landt		SpeX

	06:10	06:20				---	facility close	
	10:00	16:00				---	inst. change	
Jun. 18 Tu	18:20	18:50				---	facility open	
	18:50	21:30	X	017	Trilling		MIRSI/MOC	
	21:30	22:00				---	inst. change	
	22:00	00:30	X	089	Chen		iSHELL	
Jun. 19 We	00:30	06:10	X	038	Dinerstein		iSHELL	
	06:10	06:20				---	facility close	
Jun. 19 We	18:20	18:50				---	facility open	
	18:50	00:30	X	050	Maas		iSHELL	
Jun. 20 Th	00:30	06:10	X	038	Dinerstein		iSHELL	
	06:10	06:20				---	facility close	
Jun. 20 Th	18:20	18:50				---	facility open	
	18:50	00:30	X	050	Maas		iSHELL	
Jun. 21 Fr	00:30	06:10	X	038	Dinerstein		iSHELL	
	06:10	06:20				---	facility close	
	10:00	16:00				---	inst. change	
Jun. 21 Fr	18:20	18:50				---	facility open	
	18:50	03:40	X	023	Hardersen		SpeX/MORIS	
Jun. 22 Sa	03:40	06:10	X	004	Landt		SpeX	
	06:10	06:20				---	facility close	
Jun. 22 Sa	18:20	18:50				---	facility open	
	18:50	00:10	X	072	Dressing		SpeX	
Jun. 23 Su	00:10	00:50	X	079	Corlies		SpeX	
	00:50	05:40	X	047	Messineo		SpeX	First Night
	05:40	06:10				---	inst. change	
	06:10	06:20				---	facility close	
Jun. 23 Su	18:20	18:50				---	facility open	
	18:50	22:20	X	017	Trilling		MIRSI/MOC	
	22:20	22:50				---	inst. change	
	22:50	00:50	X	014	Wagner		SpeX	
Jun. 24 Mo	00:50	06:10	X	047	Messineo		SpeX	
	06:10	06:20				---	facility close	
Jun. 24 Mo	18:20	18:50				---	facility open	
	18:50	00:20	X	063	Connelley		SpeX	
Jun. 25 Tu	00:20	01:50	X	040	Rathbun		SpeX	
	01:50	03:00	X	063	Connelley		SpeX	
	03:00	03:30				---	inst. change	
	03:30	06:10	X	067	Teske		iSHELL	
	06:10	06:20				---	facility close	
Jun. 25 Tu	18:20	18:50				---	facility open	
	18:50	00:10	X	076	Cale		iSHELL	

Jun. 26 We	00:10	06:10	X	053	Han	iSHELL
	06:10	06:20			---	facility close
Jun. 26 We	18:20	18:50			---	facility open
	18:50	00:10	X	076	Cale	iSHELL
Jun. 27 Th	00:10	06:10	X	053	Han	iSHELL
	06:10	06:20			---	facility close
Jun. 27 Th	18:20	18:50			---	facility open
	18:50	23:40	X	076	Cale	iSHELL
	23:40	00:10	X	040	Rathbun	iSHELL
Jun. 28 Fr	00:10	06:10	X	053	Han	iSHELL
	06:10	06:20			---	facility close
Jun. 28 Fr	18:20	18:50			---	facility open
	18:50	00:10	X	076	Cale	iSHELL
Jun. 29 Sa	00:10	06:10	X	053	Han	iSHELL
	06:10	06:20			---	facility close
Jun. 29 Sa	18:20	18:50			---	facility open
	18:50	00:10	X	076	Cale	iSHELL
Jun. 30 Su	00:10	06:10	X	053	Han	iSHELL
	06:10	06:20			---	facility close
Jun. 30 Su	18:20	18:50			---	facility open
	18:50	23:59	X	076	Cale	iSHELL
	23:59	00:30	X	040	Rathbun	iSHELL

Observer List**June, 2019**

- 004 Hermine Landt, Martin Ward, Jake Mitchell, Chris Packham, Keith Horne, Brad Peterson, Joerg-Uwe Pott, Andy Lawrence, Gary Ferland, Thaisa Storchi-Bergmann
- 011 Vishnu Reddy, Juan Sanchez, Allison McGraw
- 013 Gordon Bjoraker, Tilak Hewagama, Glenn Orton
- 014 Kevin Wagner, Michael Sitko, Daniel Apai, Ammar Bayyari
- 017 David Trilling, Michael Mommert, Joseph Hora, Howard Smith, Nicholas Moskovitz
- 020 Anicia Arredondo, Humberto Campins, Noemi Pinilla-Alonso
- 023 Paul Hardersen, Russell Genet
- 029 Bryan Holler, Leslie Young, Cathy Olkin, Will Grundy, Silvia Protopapa, Maya Yanez
- 038 Harriet Dinerstein, Nicholas Sterling, William Vacca
- 040 Julie Rathbun, Christian Tate, Paul Corlies, Alexander Hayes, John Spencer
- 047 Maria Messineo, Donald F. Figer, Valentin D. Ivanov, Rosie C.-H Chen, Rolf-Peter Kudritzki, Karl M. Menten, Zhu Quingfeng, Messineo Maria
- 050 Zachary Maas, Catherine Pilachowski
- 053 Eunkyun Han, Philip Muirhead
- 054 Amanda Sickafoose, Carlos Zuluaga, Amanda Bosh, Stephen Levine, Michael Person
- 057 Melissa Shahbandeh, Eric Hsiao, David Sand, Howie Marion, Mark Phillips, Andy Howell, Peter Hoeflich, Max Stritzinger, Chris Ashall
- 059 Ellen Howell, Ronald Vervack, Yan Fernandez, Mary Hinkle
- 063 Michael Connelley, Christian Flores, Bo Reipurth
- 067 Johanna Teske, Peter Plavchan, Bryson Cale, Angelle Tanner, Eric Gaidos, Peter Gao, Jackie Faherty, Brett Addison, Alycia Weinberger, Alan Boss, Adam Burgasser
- 072 Courtney Dressing, Ellianna Schwab Abrahams, Kevin Hardegree-Ullman, Joshua Schlieder, Steven Giacalone, Jordan Fleming, Andrew Mayo, Jessie Christiansen
- 075 Silvia Protopapa, Michael S.P. Kelley, Bin Yang, Dennis Bodewits, Emmanuel Jehin, Quan-Zhi Ye
- 076 Bryson Cale, Peter Plavchan, Eric Gaidos, Andrew Mann
- 079 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovics, Elizabeth Turtle, Sebastien Rodriguez, Jonathan Mitchell, Jonathan Lunine, Juan Lora
- 082 Timothy A. Livengood, John Kolasinski, Theodor Kostiuik, Tilak Hewagama, Gordon Bjoraker
- 084 Adam McKay, Michael DiSanti, Boncho Bonev, Neil Dello Russo, Ronald Vervack, Erika Gibb, Nathan Roth, Michael Kelley, Lori Feaga
- 089 Christine Chen, Sean Brittain, Brandon Johnson, Casey Lisse
- 100 Zhoujian Zhang, Michael Liu, Eugene Magnier, William Best
- 108 Eric Gaidos, Megan Ansdell

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Jul. 1 Mo	00:30 06:10		X	998 Han	iSHELL		
	06:10 06:20				---		facility close
Jul. 1 Mo	18:25 18:55				---		facility open
	18:55 00:35		X	076 Cale	iSHELL		
Jul. 2 Tu	00:35 06:15		X	998 Han	iSHELL		
	06:15 06:25				---		facility close
Jul. 2 Tu	18:25 18:55				---		facility open
	18:55 23:15		X	076 Cale	iSHELL		
	23:15 03:35		X	086 Gaidos	iSHELL		
Jul. 3 We	03:35 06:15		X	067 Teske	iSHELL		
	06:15 06:25				---		facility close
	10:00 16:00				---		inst. change
Jul. 3 We	18:25 18:55				---		facility open
	18:55 20:30		X	063 Connelley	SpeX		
	20:30 22:00		X	040 Rathbun	SpeX		
	22:00 00:15		X	103 Thomas	SpeX/MORIS		
Jul. 4 Th	00:15 00:55		X	079 Corlies	SpeX		
	00:55 05:45		X	063 Connelley	SpeX		
	05:45 06:15				---		inst. change
	06:15 06:25				---		facility close
Jul. 4 Th	18:25 18:55				---		facility open
	18:55 00:35		X	087 Goto	iSHELL		
Jul. 5 Fr	00:35 06:15		X	061 Flores	iSHELL		
	06:15 06:25				---		facility close
Jul. 5 Fr	18:25 18:55				---		facility open
	18:55 00:35		X	087 Goto	iSHELL		
Jul. 6 Sa	00:35 06:15		X	061 Flores	iSHELL		
	06:15 06:25				---		facility close
Jul. 6 Sa	18:25 18:55				---		facility open
	18:55 00:35		X	087 Goto	iSHELL		
Jul. 7 Su	00:35 06:15		X	061 Flores	iSHELL		
	06:15 06:25				---		facility close
Jul. 7 Su	18:25 18:55				---		facility open
	18:55 20:30			999 Engineering	TBD		
	20:30 21:00		X	040 Rathbun	SpeX		
	21:00 01:00		X	054 Sickafoose	SpeX/MORIS		
Jul. 8 Mo	01:00 03:30		X	004 Landt	SpeX		
	03:30 06:15		X	027 Young	SpeX		
	06:15 06:25				---		facility close
	10:00 16:00				---		inst. change
Jul. 8 Mo	18:25 18:55				---		facility open
	18:55 06:15		X	083 Burgasser	iSHELL		

Jul. 9 Tu	06:15	06:25				---	facility close	
Jul. 9 Tu	18:25	18:55				---	facility open	
	18:55	23:35	X	995	UH_Open		TBD	
	23:35	03:35	X	061	Flores		iSHELL	
Jul. 10 We	03:35	06:15	X	067	Teske		iSHELL	
	06:15	06:25				---	facility close	
	10:00	16:00				---	inst. change	
Jul. 10 We	18:25	18:55				---	facility open	
	18:55	22:15	X	011	Reddy		SpeX/MORIS	
	22:15	23:45	X	040	Rathbun		SpeX	
	23:45	06:15	X	011	Reddy		SpeX/MORIS	
Jul. 11 Th	06:15	06:25				---	facility close	
Jul. 11 Th	18:25	18:55				---	facility open	
	18:55	22:55	X	045	Honniball		SpeX	
	22:55	23:35	X	079	Corlies		SpeX	
	23:35	06:15	X	031	Becker		SpeX/MORIS	
Jul. 12 Fr	06:15	06:25				---	facility close	
Jul. 12 Fr	18:25	18:55				---	facility open	
	18:55	22:55	X	045	Honniball		SpeX	
	22:55	06:15		999	Engineering		TBD	
Jul. 13 Sa	06:15	06:25				---	facility close	
Jul. 13 Sa	18:25	18:55				---	facility open	
	18:55	22:55	X	045	Honniball		SpeX	
	22:55	06:15		999	Engineering		TBD	
Jul. 14 Su	06:15	06:25				---	facility close	
Jul. 14 Su	18:25	18:55				---	facility open	
	18:55	22:55	X	045	Honniball		SpeX	
	22:55	23:25	X	040	Rathbun		SpeX	
	23:25	00:05	X	079	Corlies		SpeX	
Jul. 15 Mo	00:05	02:35	X	004	Landt		SpeX	
	02:35	03:05				---	inst. change	
	03:05	06:15	X	017	Trilling		MIRSI/MOC	
	06:15	06:25				---	facility close	
	10:00	16:00				---	inst. change	
Jul. 15 Mo	18:25	18:55				---	facility open	
	18:55	06:15	X	020	Arredondo		SpeX/MORIS	
Jul. 16 Tu	06:15	06:25				---	facility close	
Jul. 16 Tu	18:25	18:55				---	facility open	
	18:55	00:45		001	Honda		SpeX	First Night
Jul. 17 We	00:45	04:45	X	054	Sickafoose		SpeX/MORIS	
	04:45	06:15		999	Engineering		TBD	
	06:15	06:25				---	facility close	

Jul. 17 We	18:25	18:55				---	facility open	
	18:55	03:15		001	Honda		MIRSI	First Night
Jul. 18 Th	03:15	06:15	X	017	Trilling		MIRSI/MOC	
	06:15	06:25				---	facility close	
	10:00	16:00				---	inst. change	
Jul. 18 Th	18:25	18:55				---	facility open	
	18:55	23:45	X	057	Shahbandeh		SpeX/MORIS	
	23:45	03:45	X	054	Sickafoose		SpeX/MORIS	
Jul. 19 Fr	03:45	06:15	X	020	Arredondo		SpeX/MORIS	
	06:15	06:25				---	facility close	
Jul. 19 Fr	18:00	18:30				---	facility open	
	18:30	20:00	X	040	Rathbun		SpeX	
	20:00	05:20	X	031	Becker		SpeX/MORIS	
Jul. 20 Sa	05:20	05:50				---	inst. change	
	05:50	06:00				---	facility close	
Jul. 20 Sa	17:55	18:25				---	facility open	
	18:25	01:00	X	033	Chowdhury		iSHELL	
Jul. 21 Su	01:00	05:15	X	086	Gaidos		iSHELL	
	05:15	05:45				---	inst. change	
	05:45	05:55				---	facility close	
Jul. 21 Su	18:25	18:55				---	facility open	
	18:55	06:15	X	020	Arredondo		SpeX/MORIS	
Jul. 22 Mo	06:15	06:25				---	facility close	
Jul. 22 Mo	18:25	18:55				---	facility open	
	18:55	06:15	X	046	Bus		SpeX/MORIS	
Jul. 23 Tu	06:15	06:25				---	facility close	
Jul. 23 Tu	18:25	18:55				---	facility open	
	18:55	22:00	X	020	Arredondo		SpeX/MORIS	
	22:00	22:40	X	079	Corlies		SpeX	
	22:40	01:40	X	059	Howell		SpeX	
Jul. 24 We	01:40	02:10				---	inst. change	
	02:10	06:15	X	017	Trilling		MIRSI/MOC	
	06:15	06:25				---	facility close	
	10:00	16:00				---	inst. change	
Jul. 24 We	18:25	18:55				---	facility open	
	18:55	21:30	X	020	Arredondo		SpeX/MORIS	
	21:30	02:30	X	037	McGraw		SpeX	
Jul. 25 Th	02:30	06:15	X	020	Arredondo		SpeX/MORIS	
	06:15	06:25				---	facility close	
Jul. 25 Th	18:25	18:55				---	facility open	
	18:55	00:20	X	072	Dressing		SpeX	
Jul. 26 Fr	00:20	00:50				---	inst. change	

	00:50	06:15		098	Tinyanont	MIRSI	First Night
	06:15	06:25			---	facility close	
Jul. 26 Fr	18:25	18:55			---	facility open	
	18:55	20:20		999	Engineering	TBD	
	20:20	21:50	X	040	Rathbun	SpeX	
	21:50	00:50	X	059	Howell	SpeX	
Jul. 27 Sa	00:50	03:20	X	004	Landt	SpeX	
	03:20	06:15		999	Engineering	TBD	
	06:15	06:25			---	facility close	
Jul. 27 Sa	18:25	18:55			---	facility open	
	18:55	06:15	X	023	Hardersen	SpeX/MORIS	
Jul. 28 Su	06:15	06:25			---	facility close	
Jul. 28 Su	18:25	18:55			---	facility open	
	18:55	00:15		065	Cotera	SpeX	First Night
Jul. 29 Mo	00:15	00:55	X	079	Corlies	SpeX	
	00:55	06:15	X	997	Wendeborn	SpeX	
	06:15	06:25			---	facility close	
Jul. 29 Mo	18:25	18:55			---	facility open	
	18:55	00:35		065	Cotera	SpeX	
Jul. 30 Tu	00:35	06:15	X	996	Grant	SpeX	
	06:15	06:25			---	facility close	
Jul. 30 Tu	18:25	18:55			---	facility open	
	18:55	19:25	X	040	Rathbun	SpeX	
	19:25	22:25	X	059	Howell	SpeX	
	22:25	02:25	X	043	Popescu	SpeX/MORIS	
Jul. 31 We	02:25	02:55			---	inst. change	
	02:55	06:15	X	017	Trilling	MIRSI/MOC	
	06:15	06:25			---	facility close	
	10:00	16:00			---	inst. change	
Jul. 31 We	18:25	18:55			---	facility open	
	18:55	00:20	X	011	Reddy	SpeX/MORIS	

Observer List**July, 2019**

- 001 Mitsuhiro Honda, Tomohiro Mori, Douglas Johnstone, Gregory Herczeg, Takashi Shimonishi, Jeong-Eun Lee, Giseon Baek, Yuri Aikawa, Takashi Miyata, Takashi Onaka
- 004 Hermine Landt, Martin Ward, Jake Mitchell, Chris Packham, Keith Horne, Brad Peterson, Joerg-Uwe Pott, Andy Lawrence, Gary Ferland, Thaisa Storchi-Bergmann
- 011 Vishnu Reddy, Juan Sanchez, Allison McGraw
- 017 David Trilling, Michael Mommert, Joseph Hora, Howard Smith, Nicholas Moskovitz
- 020 Anicia Arredondo, Humberto Campins, Noemi Pinilla-Alonso
- 023 Paul Hardersen, Russell Genet
- 027 Leslie Young, Will Grundy, Bryan Holler, Eliot Young
- 031 Savan Becker, Paul Hardersen
- 033 Nahid Chowdhury, Henrik Melin, Tom Stallard, Leigh Fletcher, Glenn Orton, James O'Donoghue, Luke Moore
- 037 Lauren McGraw, Josh Emery, Cristina Thomas, Andy Rivkin
- 040 Julie Rathbun, Christian Tate, Paul Corlies, Alexander Hayes, John Spencer
- 043 Marcel Popescu, Julia de Leon, Javier Licandro, Ioana Lucia Boaca
- 045 Casey Honniball, Paul Lucey, Heather Kaluna, Driss Takir, Abigail Flom, Chiara Ferrari-Wong
- 046 Schelte J. Bus, Francesca DeMeo, Michael Marsset, David Polishook, Cristina Thomas, Brian Burt, Richard Binzel, Nicholas Moskovitz, Andrew Rivkin
- 054 Amanda Sickafoose, Carlos Zuluaga, Amanda Bosh, Stephen Levine, Michael Person
- 057 Melissa Shahbandeh, Eric Hsiao, David Sand, Howie Marion, Mark Phillips, Andy Howell, Peter Hoeflich, Max Stritzinger, Chris Ashall
- 059 Ellen Howell, Ronald Vervack, Yan Fernandez, Mary Hinkle
- 061 Christian Flores Gonzalez, Michael Connelley, Bo Reipurth
- 063 Michael Connelley, Christian Flores, Bo Reipurth
- 065 Angela Cotera, Janet Simpson
- 067 Johanna Teske, Peter Plavchan, Bryson Cale, Angelle Tanner, Eric Gaidos, Peter Gao, Jackie Faherty, Brett Addison, Alycia Weinberger, Alan Boss, Adam Burgasser
- 072 Courtney Dressing, Ellianna Schwab Abrahams, Kevin Hardegree-Ullman, Joshua Schlieder, Steven Giacalone, Jordan Fleming, Andrew Mayo, Jessie Christiansen
- 076 Bryson Cale, Peter Plavchan, Eric Gaidos, Andrew Mann
- 079 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovic, Elizabeth Turtle, Sebastien Rodriguez, Jonathan Mitchell, Jonathan Lunine, Juan Lora
- 083 Adam Burgasser, Christian Aganze, Chih-chun 'Dino' Hsu, Jessica Birky, Chris Theissen, David Hogg, Andrew Mann, Kevin Covey, Cullen Blake
- 086 Eric Gaidos, Jennifer van Saders, Peter Plavchan, Bryson Cale
- 087 Miwa Goto, Jorma Hajyu, Olli Sipilä, Paola Caselli
- 098 Samaporn Tinyanont, Ryan Lau, Mansi Kasliwal
- 103 Cristina Thomas, Joshua Emery, Lauren McGraw, Andrew Rivkin

HST Date	HST Time	TO	Remote	Prog & PI	Instr	SA	Comments
Aug. 1 Th	00:20 01:00		X	079 Corlies	SpeX		
	01:00 03:30		X	004 Landt	SpeX		
	03:30 06:15		X	027 Young	SpeX		
	06:15 06:25			--- facility close			

Observer List

August, 2019

004 Hermine Landt, Martin Ward, Jake Mitchell, Chris Packham, Keith Horne, Brad Peterson, Joerg-Uwe Pott, Andy Lawrence, Gary Ferland, Thaisa Storchi-Bergmann

027 Leslie Young, Will Grundy, Bryan Holler, Eliot Young

079 Paul Corlies, Alexander Hayes, Patricio Rojo, Mate Adamkovics, Elizabeth Turtle, Sebastien Rodriguez, Jonathan Mitchell, Jonathan Lunine, Juan Lora

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 Imai Namahoe, the IRTF Observatory Manager.

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