

## FEBRUARY2007 IRTF TELESCOPE SCHEDULE:

July 24, 2007

| HST Date   | HST Time | TO    | Remote | Prog and PI       | Instrument     | SA      | Comments    |
|------------|----------|-------|--------|-------------------|----------------|---------|-------------|
| Feb. 1 Th  | 06:00    | 10:00 | P      | X 986 Orton       | MIRSI/NSFCAM2  | EVT     | Remote obs  |
|            | 20:00    | 08:00 | E      | X 058 Chanover    | SpeX           | SJB     | Full moon   |
| Feb. 2 Fr  | 20:00    | 08:00 | P      | X 058 Chanover    | CSHELL         | SJB     |             |
| Feb. 3 --  | 18:00    | 00:15 | P      | 066 Gordon        | SpeX           | SJB     |             |
| Feb. 4 --  | 00:15    | 00:35 | P      | X 047 Schaller    | SpeX           |         | Service obs |
|            | 00:35    | 06:00 | P      | 054 Stallard      | CSHELL/NSFCAM2 | JTR/EVT | 1st night   |
| Feb. 5 Mo  | 18:00    | 00:15 | P      | 066 Gordon        | SpeX           | SJB     |             |
|            | 00:15    | 00:35 | P      | X 047 Schaller    | SpeX           |         | Service obs |
| Feb. 6 Tu  | 00:35    | 06:00 | P      | 054 Stallard      | CSHELL/NSFCAM2 | JTR/EVT |             |
|            | 18:00    | 00:15 | D      | 066 Gordon        | SpeX           | SJB     |             |
| Feb. 7 We  | 00:15    | 00:35 | D      | X 047 Schaller    | SpeX           |         | Service obs |
|            | 00:35    | 06:00 | D      | 054 Stallard      | CSHELL/NSFCAM2 | JTR/EVT |             |
| Feb. 8 Th  | 18:00    | 00:35 | D      | 001 Gibb          | CSHELL         | JTR     |             |
|            | 00:35    | 06:00 | D      | 054 Stallard      | CSHELL/NSFCAM2 | JTR/EVT |             |
| Feb. 9 Fr  | 18:00    | 00:35 | D,E    | 001 Gibb          | CSHELL         | JTR     |             |
|            | 00:35    | 06:00 | D      | 054 Stallard      | CSHELL/NSFCAM2 | JTR/EVT |             |
| Feb. 10 -- | 18:00    | 02:30 | E      | 001 Gibb          | CSHELL         | JTR     |             |
|            | 02:30    | 06:00 | E      | 008 Potter        | SpeX           | JTR     | 1st night   |
| Feb. 11 -- | 18:00    | 02:30 | E,P    | 001 Gibb          | CSHELL         | JTR     |             |
|            | 02:30    | 06:00 | E      | 008 Potter        | SpeX           | JTR     |             |
| Feb. 12 Mo | 18:00    | 02:30 | P      | 001 Gibb          | CSHELL         | JTR     |             |
|            | 02:30    | 06:00 | P      | 008 Potter        | SpeX           | JTR     |             |
| Feb. 13 Tu | 18:00    | 23:59 | P      | 003 Simon         | CSHELL         | SJB     |             |
|            | 23:59    | 00:20 | P      | X 047 Schaller    | SpeX           |         | Service obs |
| Feb. 14 We | 00:20    | 06:00 | P      | X 016 Lynch       | SpeX           | SJB     |             |
|            | 18:00    | 23:59 | P,B    | 003 Simon         | CSHELL         | SJB     |             |
| Feb. 15 Th | 23:59    | 00:20 | P      | X 047 Schaller    | SpeX           |         | Service obs |
|            | 00:20    | 06:00 | P      | X 016 Lynch       | SpeX           | SJB     |             |
| Feb. 16 Fr | 18:00    | 23:59 | B      | X 082 Liebert     | SpeX           | SJB     |             |
|            | 23:59    | 00:20 | B      | X 047 Schaller    | SpeX           |         | Service obs |
| Feb. 17 -- | 00:20    | 06:00 | B      | X 082 Liebert     | SpeX           | SJB     |             |
|            | 18:00    | 23:59 | B,D    | X 053 Volquardsen | SpeX           | SJB     |             |
| Feb. 18 -- | 23:59    | 00:20 | B      | X 047 Schaller    | SpeX           |         | Service obs |
|            | 00:20    | 06:00 | D      | X 053 Volquardsen | SpeX           | SJB     |             |
| Feb. 19 Mo | 07:45    | 10:00 | B      | X 049 Spencer     | SpeX           | SJB     |             |
|            | 18:00    | 23:59 | D      | X 028 Bjorkman    | SpeX           | SJB     |             |
| Feb. 20 Tu | 23:59    | 00:20 | D      | X 047 Schaller    | SpeX           |         | Service obs |
|            | 00:20    | 06:00 | D      | X 028 Bjorkman    | SpeX           | SJB     |             |
| Feb. 21 We | 18:00    | 02:10 | D,P    | X 004 Luhman      | SpeX           | SJB     |             |
|            | 02:10    | 02:30 | D      | X 047 Schaller    | SpeX           |         | Service obs |
| Feb. 22 Th | 02:30    | 07:00 | D      | X 049 Spencer     | SpeX           | SJB     |             |
|            | 18:00    | 00:30 | P      | X 036 Hora        | SpeX           | SJB     | 1st night   |
| Feb. 23 Fr | 00:30    | 00:50 | P      | X 047 Schaller    | SpeX           |         | Service obs |
|            | 00:50    | 06:00 | P      | X 044 Rivkin      | SpeX           | SJB     |             |
| Feb. 24 Sa | 18:00    | 23:59 | P      | X 023 Aspin       | SpeX           | SJB     |             |
|            | 23:59    | 00:20 | P      | X 047 Schaller    | SpeX           |         | Service obs |
| Feb. 25 Su | 00:20    | 06:00 | P      | X 044 Rivkin      | SpeX           | SJB     | Titan Flyby |
|            | 18:00    | 23:59 | P,B    | X 024 Binzel      | SpeX           | SJB     |             |
| Feb. 26 Mo | 23:59    | 00:20 | P      | X 047 Schaller    | SpeX           |         | Service obs |
| Feb. 27 Tu | 00:20    | 05:00 | P      | X 024 Binzel      | SpeX           | SJB     |             |

FEBRUARY 2007 IRTF TELESCOPE SCHEDULE:

July 24, 2007

| HST Date   | HST Time | TO    | Remote | Prog and PI     | Instrument     | SA      | Comments     |
|------------|----------|-------|--------|-----------------|----------------|---------|--------------|
|            | 05:00    | 06:00 | P      | X 049 Spencer   | SpeX           | SJB     |              |
|            | 18:00    | 23:59 | B      | X 037 Looper    | SpeX           | JTR     |              |
|            | 23:59    | 00:20 | B      | X 047 Schaller  | SpeX           |         | Service obs  |
| Feb. 24 -- | 00:20    | 05:00 | B      | X 037 Looper    | SpeX           | JTR     |              |
|            | 05:00    | 10:00 | E      | X 020 Orton     | NSFCAM2/MIRSI  | EVT     |              |
|            | 18:00    | 23:00 | B      | X 048 Sitko     | SpeX/MIRSI     | JTR/EVT |              |
|            | 23:00    | 23:20 | B      | X 047 Schaller  | SpeX           |         | Service obs  |
|            | 23:20    | 06:00 | B      | 054 Stallard    | CSHELL/NSFCAM2 | JTR/EVT |              |
| Feb. 25 -- | 09:30    | 11:15 | E      | X 049 Spencer   | NSFCAM2        | EVT     |              |
|            | 18:00    | 23:00 | B,D    | X 048 Sitko     | SpeX/MIRSI     | JTR/EVT |              |
|            | 23:00    | 23:20 | B,D    | X 047 Schaller  | SpeX           |         | Service obs  |
|            | 23:20    | 04:30 | B      | 054 Stallard    | CSHELL/NSFCAM2 | JTR/EVT |              |
| Feb. 26 Mo | 04:30    | 06:00 | B      | X 049 Spencer   | NSFCAM2        | EVT     |              |
|            | 06:00    | 10:00 | E      | 020 Orton       | NSFCAM2/MIRSI  | EVT     |              |
|            | 18:00    | 23:00 | D      | X 048 Sitko     | SpeX/MIRSI     | JTR/EVT |              |
|            | 23:00    | 23:20 | D      | X 047 Schaller  | SpeX           |         | Service obs  |
|            | 23:20    | 04:00 | D      | 054 Stallard    | CSHELL/NSFCAM2 | JTR/EVT |              |
| Feb. 27 Tu | 04:00    | 08:45 | E      | X 049 Spencer   | NSFCAM2        | EVT     |              |
|            | 18:00    | 23:00 | D      | X 048 Sitko     | SpeX/MIRSI     | JTR/EVT |              |
|            | 23:00    | 23:20 | D      | X 47 Schaller   | SpeX           |         | Service obs  |
|            | 23:20    | 04:30 | D      | 054 Stallard    | CSHELL/NSFCAM2 | JTR/EVT |              |
| Feb. 28 We | 04:30    | 06:00 | D      | X 049 Spencer   | NSFCAM2        | EVT     | New Horizons |
|            | 06:00    | 10:00 | E      | 020 Orton       | MIRSI/NSFCAM2  | EVT     |              |
|            | 18:00    | 23:00 | D,P    | X 029 Connelley | SpeX           | SJB     |              |
|            | 23:00    | 23:20 | D,P    | X 047 Schaller  | SpeX           |         | Service obs  |
|            | 23:20    | 03:30 | D      | 054 Stallard    | CSHELL/NSFCAM2 | JTR/EVT |              |

- 001 Van Brunt, Brittain, Rettig
- 003 Prato, Schaefer
- 008 Killen
- 016 Rudy, Russell, Woodward
- 020 Baines, Yanamandra-Fisher, Fletcher, Irwin, Howett
- 023 Reipurth
- 024 Rivkin, Tokunaga, Bus
- 028 Hesselbach, Bjorkman, Wisniewski
- 029 Greene
- 036 Marengo, Luhman, Patten
- 037 Kirkpatrick, Tokunaga, Burgasser
- 044 Volquardsen
- 047 Roe, Brown
- 048 Russell, Lynch, Kim, Ford, Brafford, Grady, Wisniewski
- 049 Rathbun
- 053 Rivkin
- 054 Miller, Achilleos, Dougherty, Lystrup, Melin
- 058 BJORAKER, Hewagama
- 066 Kim, Clayton, Pendleton, Whittet, Snow, Misselt, Smith
- 082 Cushing, Wehrse

# February 2007

## MARCH2007 IRTF TELESCOPE SCHEDULE:

July 24, 2007

| HST Date   | HST Time | TO    | Remote | Prog and PI       | Instrument          | SA      | Comments    |
|------------|----------|-------|--------|-------------------|---------------------|---------|-------------|
| Mar. 1 Th  | 03:30    | 06:00 | D      | 020 Orton         | MIRSI               | EVT     |             |
|            | 06:00    | 08:30 | E      | X 056 Bjoraker    | SpeX                | SJB     |             |
|            | 18:00    | 23:00 | P      | X 029 Connelley   | SpeX                | SJB     |             |
|            | 23:00    | 23:20 | P      | X 047 Schaller    | SpeX                |         | Service obs |
|            | 23:20    | 04:30 | P      | 054 Stallard      | CSHELL/NSFCAM2      | JTR/EVT |             |
| Mar. 2 Fr  | 04:30    | 06:00 | P      | X 049 Spencer     | NSFCAM2             | EVT     |             |
|            | 18:00    | 23:00 | P      | X 029 Connelley   | SpeX                | SJB     |             |
|            | 23:00    | 23:20 | P      | X 047 Schaller    | SpeX                |         | Service obs |
|            | 23:20    | 06:00 | P      | 054 Stallard      | CSHELL/NSFCAM2      | JTR/EVT |             |
| Mar. 3 --  | 18:00    | 03:30 | P,B    | 021 Orton         | MIRSI/NSFCAM2       | EVT     | Full moon   |
| Mar. 4 --  | 03:30    | 06:00 | P      | 054 Stallard      | CSHELL/NSFCAM2      | JTR/EVT |             |
|            | 18:00    | 23:59 | B      | X 009 Kilic       | SpeX                | SJB     |             |
|            | 23:59    | 00:20 | B      | X 047 Schaller    | SpeX                |         | Service obs |
| Mar. 5 Mo  | 00:20    | 06:00 | B      | X 009 Kilic       | SpeX                | SJB     |             |
|            | 18:00    | 23:59 | B      | X 009 Kilic       | SpeX                | SJB     |             |
|            | 23:59    | 00:20 | B      | X 047 Schaller    | SpeX                |         | Service obs |
|            | 00:20    | 06:00 | B      | X 009 Kilic       | SpeX                | SJB     |             |
| Mar. 6 Tu  | 06:00    | 08:45 | E      | X 049 Spencer     | SpeX                | SJB     |             |
|            | 18:00    | 00:40 | B,D    | X 058 Chanover    | CSHELL/NSFCAM2/SpeX | JTR/EVT |             |
|            | 00:40    | 01:00 | B      | X 047 Schaller    | SpeX                |         | Service obs |
| Mar. 7 We  | 01:00    | 06:00 | B      | X 065 Aoki        | SpeX                | SJB     | 1st night   |
|            | 18:00    | 00:40 | D      | X 058 Chanover    | CSHELL/NSFCAM2/SpeX | JTR/EVT |             |
|            | 00:40    | 01:00 | D      | X 047 Schaller    | SpeX                |         | Service obs |
| Mar. 8 Th  | 01:00    | 06:00 | D      | X 065 Aoki        | SpeX                | SJB     |             |
|            | 18:00    | 01:00 | D      | X 058 Chanover    | CSHELL              | SJB     |             |
|            | 01:00    | 06:00 | D      | X 065 Aoki        | SpeX                | SJB     |             |
| Mar. 9 Fr  | 18:00    | 01:00 | D,P    | X 058 Chanover    | CSHELL              | SJB     |             |
|            | 01:00    | 06:00 | D      | X 065 Aoki        | SpeX                | SJB     |             |
|            | 18:00    | 01:00 | D      | X 065 Aoki        | SpeX                | SJB     | Titan Flyby |
| Mar. 10 -- | 18:00    | 23:00 | P      | X 042 Reddy       | SpeX                | SJB     |             |
|            | 23:00    | 23:20 | P      | X 047 Schaller    | SpeX                |         | Service obs |
|            | 23:20    | 06:00 | P      | X 065 Aoki        | SpeX                | SJB     |             |
|            | 18:00    | 23:59 | P      | X 026 Birlan      | SpeX                | SJB     |             |
| Mar. 11 -- | 23:59    | 00:20 | P      | X 047 Schaller    | SpeX                |         | Service obs |
|            | 00:20    | 06:00 | P      | X 026 Birlan      | SpeX                | SJB     |             |
| Mar. 12 Mo | 18:00    | 23:59 | P,B    | X 026 Birlan      | SpeX                | SJB     |             |
|            | 23:59    | 00:20 | P      | X 047 Schaller    | SpeX                |         | Service obs |
|            | 00:20    | 06:00 | P      | X 026 Birlan      | SpeX                | SJB     |             |
| Mar. 13 Tu | 18:00    | 23:59 | B      | X 995 Looper      | SpeX                | JTR     | Remote obs  |
|            | 23:59    | 00:20 | B      | X 047 Schaller    | SpeX                |         | Service obs |
|            | 00:20    | 06:00 | B      | X 016 Lynch       | SpeX                | JTR     |             |
| Mar. 14 We | 18:00    | 02:15 | B      | X 995 Looper      | SpeX                | JTR     | Remote obs  |
|            | 02:15    | 06:00 | B      | X 049 Spencer     | NSFCAM2             | EVT     |             |
| Mar. 15 Th | 18:00    | 23:59 | B,D    | 999 Engineering   | TBD                 | EVT     |             |
|            | 23:59    | 00:20 | B      | X 047 Schaller    | SpeX                |         | Service obs |
|            | 00:20    | 06:00 | B      | X 016 Lynch       | SpeX                | JTR     |             |
| Mar. 16 Fr | 18:00    | 03:30 | D      | 999 Engineering   | TBD                 | EVT     |             |
|            | 03:30    | 06:30 | D      | X 020 Orton       | MIRSI/NSFCAM2       | EVT     |             |
| Mar. 17 -- | 18:00    | 03:30 | D      | 999 Engineering   | TBD                 | EVT     |             |
|            | 03:30    | 06:30 | D      | X 020 Orton       | MIRSI/NSFCAM2       | EVT     |             |
| Mar. 18 -- | 18:00    | 22:00 | D,P    | X 028 Bjorkman    | SpeX                | JTR     |             |
|            | 22:00    | 22:20 | D,P    | X 047 Schaller    | SpeX                |         | Service obs |
|            | 22:20    | 06:00 | P      | X 028 Bjorkman    | SpeX                | JTR     |             |
|            | 06:00    | 07:30 | P      | X 996 Orton       | MIRSI/NSFCAM2       | EVT     |             |
| Mar. 19 Mo | 18:00    | 22:00 | P      | X 053 Volquardsen | SpeX                | JTR     |             |
|            | 22:00    | 22:20 | P      | X 047 Schaller    | SpeX                |         | Service obs |
|            | 22:20    | 06:00 | P      | X 053 Volquardsen | SpeX                | JTR     |             |
|            | 18:00    | 22:00 | P      | X 073 Smith       | SpeX                | JTR     |             |
| Mar. 20 Tu | 22:00    | 22:20 | P      | X 047 Schaller    | SpeX                |         | Service obs |

## MARCH2007 IRTF TELESCOPE SCHEDULE:

July 24, 2007

| HST Date   | HST Time | TO    | Remote | Prog and PI      | Instrument | SA  | Comments    |
|------------|----------|-------|--------|------------------|------------|-----|-------------|
|            | 22:20    | 06:00 | P      | X 073 Smith      | SpeX       | JTR |             |
| Mar. 21 We | 18:00    | 22:00 | P,B    | X 073 Smith      | SpeX       | JTR |             |
|            | 22:00    | 22:20 | P,B    | X 047 Schaller   | SpeX       |     | Service obs |
|            | 22:20    | 06:00 | P      | X 073 Smith      | SpeX       | JTR |             |
| Mar. 22 Th | 18:00    | 22:00 | B      | X 024 Binzel     | SpeX       | JTR |             |
|            | 22:00    | 22:20 | B      | X 047 Schaller   | SpeX       |     | Service obs |
|            | 22:20    | 06:00 | B      | X 024 Binzel     | SpeX       | JTR |             |
| Mar. 23 Fr | 18:00    | 23:59 | B      | X 043 Retherford | CSHELL     | JTR |             |
|            | 23:59    | 06:00 | B      | 018 Deen         | SpeX       | JTR | 1st night   |
| Mar. 24 -- | 18:00    | 23:59 | B,E    | X 043 Retherford | CSHELL     | JTR |             |
|            | 23:59    | 06:00 | B      | 018 Deen         | SpeX       | JTR |             |
| Mar. 25 -- | 18:00    | 23:59 | E      | X 043 Retherford | CSHELL     | JTR |             |
|            | 23:59    | 06:00 | E      | 018 Deen         | SpeX       | JTR |             |
| Mar. 26 Mo | 18:00    | 23:59 | E      | X 043 Retherford | CSHELL     | JTR | Titan Flyby |
|            | 23:59    | 06:00 | E      | 018 Deen         | SpeX       | JTR |             |
| Mar. 27 Tu | 18:00    | 21:00 | E,P    | 007 Emery        | SpeX       | JTR |             |
|            | 21:00    | 21:20 | E,P    | X 047 Schaller   | SpeX       |     | Service obs |
|            | 21:20    | 06:00 | E      | 007 Emery        | SpeX       | JTR |             |
| Mar. 28 We | 18:00    | 21:00 | P      | 007 Emery        | SpeX       | JTR |             |
|            | 21:00    | 21:20 | P      | X 047 Schaller   | SpeX       |     | Service obs |
|            | 21:20    | 06:00 | P      | 007 Emery        | SpeX       | JTR |             |
| Mar. 29 Th | 18:00    | 21:00 | P      | 007 Emery        | SpeX       | JTR |             |
|            | 21:00    | 21:20 | P      | X 047 Schaller   | SpeX       |     | Service obs |
|            | 21:20    | 06:00 | P      | 007 Emery        | SpeX       | JTR |             |
| Mar. 30 Fr | 18:00    | 00:15 | P,B    | X 045 Rivkin     | SpeX       | SJB |             |
| Mar. 31 -- | 00:15    | 03:00 | P      | X 049 Spencer    | SpeX       | SJB |             |
|            | 03:00    | 06:00 | P      | X 045 Rivkin     | SpeX       | SJB |             |
|            | 18:00    | 23:59 | B      | X 998 Reddy      | SpeX       | SJB |             |
|            | 23:59    | 06:00 | B      | X 044 Rivkin     | SpeX       | SJB |             |

007 Cruikshank, Brown  
009 von Hippel, Leggett, Nitta, Farihi, Kleinman  
016 Rudy, Russell, Woodward  
018 Jaffe, Dullemond  
020 Baines, Yanamandra-Fisher, Fletcher, Irwin, Howett  
021 Baines, Yanamandra-Fisher, Fletcher, Irwin, Howett, Fisher  
024 Rivkin, Tokunaga, Bus  
026 Descamps, Nedelcu, Marchis, Berthier  
028 Hesselbach, Bjorkman, Wisniewski  
029 Greene  
042 Gaffey, Abell, Hardersen  
043 Gladstone, Young, Waite  
044 Volquardsen  
045 Hibbitts  
047 Roe, Brown  
049 Rathbun  
053 Rivkin  
054 Miller, Achilleos, Dougherty, Lystrup, Melin  
056 Chanover, Baines, Simon-Miller, Hewagama  
058 Bjraker, Hewagama  
065 Tamura  
073 Oswalt, Silvestri

# March 2007

## APRIL 2007 IRTF TELESCOPE SCHEDULE:

July 24, 2007

| HST Date   | HST Time | TO    | Remote | Prog and PI      | Instrument     | SA      | Comments    |
|------------|----------|-------|--------|------------------|----------------|---------|-------------|
| Apr. 1 --  | 18:00    | 21:00 | B      | X 045 Rivkin     | SpeX           | SJB     |             |
|            | 21:00    | 21:20 | B      | X 047 Schaller   | SpeX           |         | Service obs |
|            | 21:20    | 23:59 | B      | X 045 Rivkin     | SpeX           | SJB     |             |
|            | 23:59    | 06:00 | B      | X 044 Rivkin     | SpeX           | SJB     |             |
| Apr. 2 Mo  | 18:00    | 06:00 | B      | 999 Engineering  | TBD            | EVT     | Full moon   |
| Apr. 3 Tu  | 18:00    | 23:00 | D      | X 021 Orton      | MIRSI/NSFCAM2  | EVT     |             |
|            | 23:00    | 03:00 | D      | X 042 Reddy      | SpeX           | SJB     |             |
| Apr. 4 We  | 03:00    | 06:00 | D      | 046 Roe          | CSHELL         | JTR     | 1st night   |
|            | 21:00    | 23:00 | D      | X 021 Orton      | MIRSI/NSFCAM2  | EVT     |             |
|            | 23:00    | 03:00 | D      | X 042 Reddy      | SpeX           | SJB     |             |
| Apr. 5 Th  | 03:00    | 06:00 | D      | 046 Roe          | CSHELL         | JTR     |             |
|            | 06:00    | 09:00 | D      | X 021 Orton      | NSFCAM2        | EVT     |             |
|            | 18:00    | 22:00 | D      | 055 Yang         | SpeX           | SJB     |             |
|            | 22:00    | 22:20 | D      | X 047 Schaller   | SpeX           |         | Service obs |
| Apr. 6 Fr  | 22:20    | 06:00 | D      | 055 Yang         | SpeX           | SJB     |             |
|            | 18:00    | 22:00 | D      | 055 Yang         | SpeX           | SJB     |             |
|            | 22:00    | 22:20 | D      | X 047 Schaller   | SpeX           |         | Service obs |
| Apr. 7 --  | 22:20    | 06:00 | D      | 055 Yang         | SpeX           | SJB     |             |
|            | 18:00    | 21:00 | B      | X 076 Farihi     | SpeX           | SJB     |             |
|            | 21:00    | 21:20 | B      | X 047 Schaller   | SpeX           |         | Service obs |
| Apr. 8 --  | 21:20    | 06:00 | B      | X 076 Farihi     | SpeX           | SJB     |             |
|            | 18:00    | 21:00 | B      | X 076 Farihi     | SpeX           | SJB     |             |
|            | 21:00    | 21:20 | B      | X 047 Schaller   | SpeX           |         | Service obs |
| Apr. 9 Mo  | 21:20    | 06:00 | B      | X 076 Farihi     | SpeX           | SJB     |             |
|            | 18:00    | 21:00 | B      | X 076 Farihi     | SpeX           | SJB     |             |
|            | 21:00    | 21:20 | B      | X 047 Schaller   | SpeX           |         | Service obs |
| Apr. 10 Tu | 21:20    | 06:00 | B      | X 076 Farihi     | SpeX           | SJB     |             |
|            | 18:00    | 23:59 | B      | 031 Greathouse   | TEXES          | ATT     | Titan Flyby |
| Apr. 11 We | 23:59    | 06:00 | B      | 032 Greathouse   | TEXES          | ATT     |             |
|            | 16:00    | 18:00 | E      | 075 Crisp        | TEXES          | ATT     | 1st night   |
| Apr. 12 Th | 18:00    | 23:59 | D      | 031 Greathouse   | TEXES          | ATT     |             |
|            | 23:59    | 06:00 | D      | 032 Greathouse   | TEXES          | ATT     |             |
|            | 16:00    | 18:00 | E      | 075 Crisp        | TEXES          | ATT     |             |
| Apr. 13 Fr | 18:00    | 02:00 | D      | 031 Greathouse   | TEXES          | ATT     |             |
|            | 02:00    | 06:00 | D      | 050 Spencer      | TEXES          | ATT     |             |
|            | 16:00    | 18:00 | E      | 075 Crisp        | TEXES          | ATT     |             |
| Apr. 14 -- | 18:00    | 02:00 | D      | 031 Greathouse   | TEXES          | ATT     |             |
|            | 02:00    | 06:00 | D      | 050 Spencer      | TEXES          | ATT     |             |
|            | 16:00    | 18:00 | E      | 075 Crisp        | TEXES          | ATT     |             |
| Apr. 15 -- | 18:00    | 02:00 | D      | 031 Greathouse   | TEXES          | ATT     |             |
|            | 02:00    | 06:00 | D      | 050 Spencer      | TEXES          | ATT     |             |
|            | 18:00    | 02:00 | P      | 031 Greathouse   | TEXES          | ATT     |             |
| Apr. 16 Mo | 02:00    | 06:00 | P      | 050 Spencer      | TEXES          | ATT     |             |
|            | 06:00    | 09:00 | E      | 033 Greathouse   | TEXES          | ATT     |             |
|            | 18:00    | 23:59 | P      | 067 Hinkle       | TEXES          | ATT     | 1st night   |
|            | 23:59    | 06:00 | P      | 012 Harper       | TEXES          | ATT     |             |
| Apr. 17 Tu | 06:00    | 09:00 | E      | 033 Greathouse   | TEXES          | ATT     |             |
|            | 18:00    | 23:59 | P      | 031 Greathouse   | TEXES          | ATT     |             |
|            | 23:59    | 06:00 | P      | 012 Harper       | TEXES          | ATT     |             |
| Apr. 18 We | 06:00    | 09:00 | E      | 033 Greathouse   | TEXES          | ATT     |             |
|            | 18:00    | 23:59 | P      | 031 Greathouse   | TEXES          | ATT     |             |
|            | 23:59    | 06:00 | P      | 012 Harper       | TEXES          | ATT     |             |
| Apr. 19 Th | 18:00    | 23:59 | E      | X 043 Retherford | CSHELL         | JTR     |             |
|            | 23:59    | 06:00 | E      | X 056 Bjoraker   | CSHELL/NSFCAM2 | JTR/EVT |             |
| Apr. 20 Fr | 18:00    | 23:59 | D      | X 043 Retherford | CSHELL         | JTR     |             |
|            | 23:59    | 06:00 | D      | X 056 Bjoraker   | CSHELL/NSFCAM2 | JTR/EVT |             |
| Apr. 21 -- | 18:00    | 23:59 | D      | X 043 Retherford | CSHELL         | JTR     |             |
|            | 23:59    | 06:00 | D      | X 056 Bjoraker   | CSHELL/NSFCAM2 | JTR/EVT |             |

APRIL 2007 IRTF TELESCOPE SCHEDULE:

July 24, 2007

| HST Date   | HST Time | TO    | Remote | Prog and PI      | Instrument     | SA      | Comments    |
|------------|----------|-------|--------|------------------|----------------|---------|-------------|
| Apr. 22 -- | 18:00    | 23:59 | D      | X 043 Retherford | CSHELL         | JTR     |             |
|            | 23:59    | 02:45 | D      | X 049 Spencer    | NSFCAM2        | EVT     |             |
| Apr. 23 Mo | 02:45    | 06:00 | D      | X 056 Bjoraker   | CSHELL/NSFCAM2 | JTR/EVT |             |
|            | 18:00    | 20:00 | D,P    | X 024 Binzel     | SpeX           | SJB     |             |
|            | 20:00    | 20:20 | D,P    | X 047 Schaller   | SpeX           |         | Service obs |
| Apr. 24 Tu | 20:20    | 06:00 | D      | X 024 Binzel     | SpeX           | SJB     |             |
|            | 18:00    | 23:59 | P      | 999 Engineering  | TBD            | EVT     |             |
|            | 23:59    | 06:00 | P      | X 003 Simon      | CSHELL         | SJB     |             |
| Apr. 25 We | 18:00    | 23:59 | P      | X 989 Stallard   | CSHELL         | EVT     |             |
|            | 23:59    | 06:00 | P      | X 003 Simon      | CSHELL         | SJB     |             |
| Apr. 26 Th | 18:00    | 23:59 | P,B    | X 010 Lacy       | SpeX           | SJB     | Titan Flyby |
|            | 23:59    | 06:00 | P      | X 079 Sykes      | MIRSI          | EVT     |             |
| Apr. 27 Fr | 18:00    | 20:00 | B      | X 028 Bjorkman   | SpeX           | SJB     |             |
|            | 20:00    | 20:20 | B      | X 047 Schaller   | SpeX           |         | Service obs |
|            | 20:20    | 06:00 | B      | X 028 Bjorkman   | SpeX           | SJB     |             |
| Apr. 28 -- | 18:00    | 20:00 | B      | X 044 Rivkin     | SpeX           | SJB     |             |
|            | 20:00    | 20:20 | B      | X 047 Schaller   | SpeX           |         | Service obs |
|            | 20:20    | 23:59 | B      | X 044 Rivkin     | SpeX           | SJB     |             |
| Apr. 29 -- | 23:59    | 06:00 | B      | X 036 Hora       | SpeX           | SJB     |             |
|            | 18:00    | 20:00 | B,D    | X 044 Rivkin     | SpeX           | SJB     |             |
|            | 20:00    | 20:20 | B,D    | X 047 Schaller   | SpeX           |         | Service obs |
| Apr. 30 Mo | 20:20    | 23:59 | B,D    | X 044 Rivkin     | SpeX           | SJB     |             |
|            | 23:59    | 06:00 | B      | X 016 Lynch      | SpeX           | SJB     |             |
|            | 18:00    | 23:59 | D      | 999 Engineering  | TBD            | EVT     |             |
|            | 23:59    | 06:00 | D      | X 048 Sitko      | SpeX/MIRSI     | JTR/EVT |             |

- 003 Prato, Schaefer
- 010 Sears, Grauer
- 012 Brown, Ryde, Richter, Greathouse, Braggins
- 016 Rudy, Russell, Woodward
- 021 Baines, Yanamandra-Fisher, Fletcher, Irwin, Howett, Fisher
- 024 Rivkin, Tokunaga, Bus
- 028 Hesselbach, Bjorkman, Wisniewski
- 031 Strong, Orton, Moses
- 032 Orton, Simon-Miller, Richter
- 033 Lacy, Richter
- 036 Marengo, Luhman, Patten
- 042 Gaffey, Abell, Hardersen
- 043 Gladstone, Young, Waite
- 044 Volquardsen
- 045 Hibbitts
- 046 Schaller
- 047 Roe, Brown
- 048 Russell, Lynch, Kim, Ford, Brafford, Grady, Wisniewski
- 049 Rathbun
- 050 Richter, Jessup, Greathouse, Lellouch
- 055 Jewitt
- 056 Chanover, Baines, Simon-Miller, Hewagama
- 067 Lacy, Wallace

# April 2007

## MAY2007 IRTF TELESCOPE SCHEDULE:

July 24, 2007

| HST Date   | HST Time | TO    | Remote | Prog and PI     | Instrument    | SA      | Comments         |
|------------|----------|-------|--------|-----------------|---------------|---------|------------------|
| May. 1 Tu  | 18:00    | 23:59 | D      | 999 Engineering | TBD           | EVT     |                  |
|            | 23:59    | 06:00 | D      | X 048 Sitko     | SpeX/MIRSI    | JTR/EVT |                  |
| May. 2 We  | 18:00    | 23:59 | D,P    | 999 Engineering | TBD           | EVT     | Full moon        |
|            | 23:59    | 06:00 | D      | X 048 Sitko     | SpeX/MIRSI    | JTR/EVT |                  |
| May. 3 Th  | 18:00    | 23:59 | P      | X 994 Fortney   |               | JTR     |                  |
|            | 23:59    | 06:00 | P      | X 048 Sitko     | SpeX/MIRSI    | JTR/EVT |                  |
| May. 4 Fr  | 18:00    | 01:00 | P      | X 021 Orton     | MIRSI/NSFCAM2 | EVT     |                  |
| May. 5 --  | 01:00    | 06:00 | P      | 079 Sykes       | MIRSI         | EVT     |                  |
|            | 18:00    | 20:00 | P,B    | 072 Smith       | SpeX          | SJB     |                  |
|            | 20:00    | 20:20 | P,B    | X 047 Schaller  | SpeX          |         | Service obs      |
|            | 20:20    | 23:59 | P,B    | 072 Smith       | SpeX          | SJB     |                  |
|            | 23:59    | 06:00 | P      | 022 Morris      | SpeX          | SJB     | 1st night        |
| May. 6 --  | 18:00    | 20:00 | B      | 072 Smith       | SpeX          | SJB     |                  |
|            | 20:00    | 20:20 | B      | X 047 Schaller  | SpeX          |         | Service obs      |
|            | 20:20    | 23:59 | B      | 072 Smith       | SpeX          | SJB     |                  |
|            | 23:59    | 04:30 | B      | 022 Morris      | SpeX          | SJB     |                  |
|            | 04:30    | 06:15 | B      | X 049 Spencer   | SpeX          | SJB     |                  |
| May. 7 Mo  | 18:00    | 20:00 | B      | 072 Smith       | SpeX          | SJB     |                  |
|            | 20:00    | 20:20 | B      | X 047 Schaller  | SpeX          |         | Service obs      |
|            | 20:20    | 23:59 | B      | 072 Smith       | SpeX          | SJB     |                  |
|            | 23:59    | 06:00 | B      | 022 Morris      | SpeX          | SJB     |                  |
|            | 18:00    | 20:00 | B,E    | 072 Smith       | SpeX          | SJB     |                  |
| May. 8 Tu  | 20:00    | 20:20 | B,E    | X 047 Schaller  | SpeX          |         | Service obs      |
|            | 20:20    | 23:59 | B,E    | 072 Smith       | SpeX          | SJB     |                  |
|            | 23:59    | 06:00 | B      | 022 Morris      | SpeX          | SJB     |                  |
|            | 18:00    | 06:00 | E      | 999 Engineering | PhCS          | EVT     |                  |
| May. 9 We  | 18:00    | 06:00 | E      | 999 Engineering | PhCS          | EVT     |                  |
| May. 10 Th | 18:00    | 06:00 | E,P    | 999 Engineering | PhCS          | EVT     |                  |
| May. 11 Fr | 18:00    | 06:00 | E,P    | 999 Engineering | PhCS          | EVT     |                  |
| May. 12 -- | 18:00    | 06:00 |        |                 |               |         | closed-SpeX down |
| May. 13 -- | 18:00    | 06:00 | P      | 999 Engineering | PhCS          | EVT     | SpeX down        |
| May. 14 Mo | 18:00    | 06:00 | P,B    | 999 Engineering | PhCS          | EVT     | SpeX down        |
| May. 15 Tu | 18:00    | 00:45 | B      | X 993 Connelley | NSFCAM2       | EVT     | SpeX down;top en |
| May. 16 We | 00:45    | 02:30 | B      | X 049 Spencer   | NSFCAM2       | SJB     | SpeX down        |
|            | 02:30    | 06:00 | B      | X 993 Connelley | NSFCAM2       | EVT     | SpeX down        |
|            | 18:00    | 23:59 | B      | 999 Engineering | MIRSI         | EVT     | SpeX down        |
|            | 23:59    | 06:00 | B      | X 079 Sykes     | MIRSI         | EVT     | SpeX down        |
| May. 17 Th | 18:00    | 06:00 | B,D    | 017 Kostiuk     | HIPWAC        | ATT     |                  |
| May. 18 Fr | 12:00    | 18:00 | E      | 014 Fast        | HIPWAC        | ATT     |                  |
|            | 18:00    | 06:00 | D      | 017 Kostiuk     | HIPWAC        | ATT     |                  |
| May. 19 -- | 12:00    | 18:00 | E      | 014 Fast        | HIPWAC        | ATT     |                  |
|            | 18:00    | 06:00 | D      | 017 Kostiuk     | HIPWAC        | ATT     |                  |
| May. 20 -- | 12:00    | 18:00 | E      | 014 Fast        | HIPWAC        | ATT     |                  |
|            | 18:00    | 06:00 | D      | 017 Kostiuk     | HIPWAC        | ATT     |                  |
| May. 21 Mo | 12:00    | 18:00 | E      | 014 Fast        | HIPWAC        | ATT     |                  |
|            | 18:00    | 06:00 | P      | 017 Kostiuk     | HIPWAC        | ATT     |                  |
| May. 22 Tu | 18:00    | 18:20 | P      | 014 Fast        | HIPWAC        | ATT     | SpeX down-resche |
|            | 18:20    | 06:00 | P      | 017 Kostiuk     | HIPWAC        | ATT     | SpeX down-resche |
| May. 23 We | 18:00    | 18:20 | P,B    | X 047 Schaller  | SpeX          |         | Service obs      |
|            | 18:20    | 06:00 | P,B    | 060 Kelley      | SpeX          | SJB     |                  |
| May. 24 Th | 18:00    | 18:20 | B      | X 047 Schaller  | SpeX          |         | Service obs      |
|            | 18:20    | 23:59 | B      | 060 Kelley      | SpeX          | SJB     |                  |
|            | 23:59    | 06:00 | B      | 059 Fortney     | SpeX          | JTR     | 1st night        |
| May. 25 Fr | 18:00    | 21:00 | B      | 077 Iwagami     | CSHELL        | JTR     |                  |
|            | 21:00    | 03:00 | B      | X 079 Sykes     | MIRSI         | EVT     |                  |
| May. 26 -- | 03:00    | 06:00 | B      | 060 Kelley      | SpeX          | SJB     |                  |
|            | 18:00    | 21:00 | B,D    | 077 Iwagami     | CSHELL        | JTR     |                  |
|            | 21:00    | 03:00 | B      | X 079 Sykes     | MIRSI         | EVT     |                  |
| May. 27 -- | 03:00    | 06:00 | B      | 060 Kelley      | SpeX          | SJB     |                  |

## MAY2007 IRTF TELESCOPE SCHEDULE:

July 24, 2007

| HST Date   | HST Time | TO    | Remote | Prog and PI | Instrument    | SA  | Comments         |
|------------|----------|-------|--------|-------------|---------------|-----|------------------|
|            | 18:00    | 21:00 | D      | 077 Iwagami | CSHELL        | JTR |                  |
|            | 21:00    | 03:00 | D      | X 079 Sykes | MIRSI         | EVT |                  |
| May. 28 Mo | 03:00    | 06:00 | D      | 060 Kelley  | SpeX          | SJB |                  |
|            | 18:00    | 21:00 | D      | 077 Iwagami | CSHELL        | JTR |                  |
|            | 21:00    | 23:59 | D      | 060 Kelley  | SpeX          | SJB |                  |
|            | 23:59    | 03:00 | D      | X 020 Orton | MIRSI/NSFCAM2 | EVT |                  |
| May. 29 Tu | 03:00    | 06:00 | D      |             |               | SJB | No obs-SpeX down |
|            | 18:00    | 21:00 | D,P    | 077 Iwagami | CSHELL        | JTR |                  |
|            | 21:00    | 23:59 | D,P    |             |               | SJB | No obs-SpeX down |
|            | 23:59    | 03:00 | D      | X 020 Orton | MIRSI/NSFCAM2 | EVT |                  |
| May. 30 We | 03:00    | 06:00 | D      | 060 Kelley  | SpeX          | SJB |                  |
|            | 18:00    | 21:00 | P      | 077 Iwagami | CSHELL        | JTR |                  |
|            | 21:00    | 23:59 | P      | 060 Kelley  | SpeX          | SJB |                  |
|            | 23:59    | 06:00 | P      | X 016 Lynch | SpeX          | JTR |                  |
| May. 31 Th | 18:00    | 21:00 | P      | 077 Iwagami | CSHELL        | JTR | Full moon        |
|            | 21:00    | 23:59 | P      | 060 Kelley  | SpeX          | SJB |                  |
|            | 23:59    | 06:00 | P      | X 016 Lynch | SpeX          | JTR |                  |

001 Van Brunt, Brittain, Rettig  
014 Kostjuk, Livengood, Hewagama, Schmulling, Sonnabend, Annen, Buhl  
016 Rudy, Russell, Woodward  
017 Livengood, Fast, Hewagama, MacDowall, Sonnabend, Annen, Buhl  
020 Baines, Yanamandra-Fisher, Fletcher, Irwin, Howett  
021 Baines, Yanamandra-Fisher, Fletcher, Irwin, Howett, Fisher  
022 Mauerhan, Muno  
047 Roe, Brown  
048 Russell, Lynch, Kim, Ford, Brafford, Grady, Wisniewski  
049 Rathbun  
059 Emery  
060 Gaffey  
072 Deustua, Tucker, Allam  
077 Ohtsuki, Sagawa, Tokuda  
079 Lovell, Chamberlain, Bus, Hora, , Kassis

# May 2007



JUNE2007 IRTF TELESCOPE SCHEDULE:

July 24, 2007

| HST Date   | HST Time | TO    | Remote | Prog and PI       | Instrument         | SA      | Comments    |
|------------|----------|-------|--------|-------------------|--------------------|---------|-------------|
| Jun. 1 Fr  | 17:00    | 19:00 | B      | X 013 Vernazza    | SpeX               | SJB     |             |
|            | 19:00    | 06:00 | P,B    | 054 Stallard      | CSHELL/NSFCAM2     | JTR/EVT |             |
| Jun. 2 --  | 17:00    | 19:00 | B      | X 013 Vernazza    | SpeX               | SJB     |             |
|            | 19:00    | 06:00 | B      | 054 Stallard      | CSHELL/NSFCAM2     | JTR/EVT |             |
| Jun. 3 --  | 18:00    | 21:00 | B      | 071 Slanger       | CSHELL             | JTR     | 1st night   |
|            | 21:00    | 06:00 | B      | X 074 Allers      | SpeX               | SJB     |             |
| Jun. 4 Mo  | 18:00    | 21:00 | B,D    | 071 Slanger       | CSHELL             | JTR     |             |
|            | 21:00    | 06:00 | B      | X 074 Allers      | SpeX               | SJB     |             |
| Jun. 5 Tu  | 12:00    | 21:00 | E      | 071 Slanger       | CSHELL             | JTR     |             |
|            | 21:00    | 06:00 | D      | X 074 Allers      | SpeX               | SJB     |             |
| Jun. 6 We  | 18:00    | 21:00 | D      | 071 Slanger       | CSHELL             | JTR     |             |
|            | 21:00    | 06:00 | D      | X 074 Allers      | SpeX               | SJB     |             |
| Jun. 7 Th  | 18:00    | 21:00 | D,P    | 071 Slanger       | CSHELL             | JTR     |             |
|            | 21:00    | 21:20 | D,P    | X 047 Schaller    | SpeX               |         | Service obs |
|            | 21:20    | 06:00 | D      | 030 Froning       | SpeX               | SJB     |             |
| Jun. 8 Fr  | 18:00    | 18:20 | P      | X 047 Schaller    | SpeX               |         | Service obs |
|            | 18:20    | 06:00 | P      | 030 Froning       | SpeX               | SJB     |             |
| Jun. 9 --  | 18:00    | 18:20 | P      | X 047 Schaller    | SpeX               |         | Service obs |
|            | 18:20    | 06:00 | P      | 030 Froning       | SpeX               | SJB     |             |
| Jun. 10 -- | 14:00    | 21:00 | E      | X 021 Orton       | MIRSI/NSFCAM2      | EVT     |             |
|            | 21:00    | 01:00 | P,B    | X 042 Reddy       | SpeX               | SJB     |             |
| Jun. 11 Mo | 01:00    | 06:00 | P      | X 044 Rivkin      | SpeX               | SJB     |             |
|            | 18:00    | 23:59 | B      | X 079 Sykes       | MIRSI              | EVT     |             |
|            | 23:59    | 06:00 | B      | X 044 Rivkin      | SpeX               | SJB     |             |
| Jun. 12 Tu | 18:00    | 21:00 | B      | X 038 Marcq       | SpeX               | SJB     |             |
|            | 21:00    | 06:00 | B      | 059 Fortney       | NSFCAM2            | JTR     |             |
| Jun. 13 We | 18:00    | 21:00 | B,D    | X 038 Marcq       | SpeX               | SJB     | Titan Flyby |
|            | 21:00    | 06:00 | B      | X 051 Tokunaga    | SpeX               | ATT     |             |
| Jun. 14 Th | 18:00    | 21:00 | D      | X 038 Marcq       | SpeX               | SJB     |             |
|            | 21:00    | 06:00 | D      | X 053 Volquardsen | SpeX               | SJB     |             |
| Jun. 15 Fr | 18:00    | 21:00 | D      | X 038 Marcq       | SpeX               | SJB     |             |
|            | 21:00    | 06:00 | D      | 070 Reach         | SpeX               | JTR     |             |
| Jun. 16 -- | 18:00    | 18:20 | D,E    | X 047 Schaller    | SpeX               |         | Service obs |
|            | 18:20    | 06:00 | D,E    | 070 Reach         | SpeX               | JTR     |             |
| Jun. 17 -- | 18:00    | 18:20 | E      | X 047 Schaller    | SpeX               |         | Service obs |
|            | 18:20    | 06:00 | E      | 078 Lacy          | SpeX               | JTR     |             |
| Jun. 18 Mo | 18:00    | 18:20 | E      | X 047 Schaller    | SpeX               |         | Service obs |
|            | 18:20    | 06:00 | E      | 078 Lacy          | SpeX               | JTR     |             |
| Jun. 19 Tu | 18:00    | 18:20 | E,B    | X 047 Schaller    | SpeX               |         | Service obs |
|            | 18:20    | 06:00 | E,B    | 078 Lacy          | SpeX               | JTR     |             |
| Jun. 20 We | 18:00    | 18:20 | B      | X 047 Schaller    | SpeX               |         | Service obs |
|            | 18:20    | 23:59 | B      | X 016 Lynch       | SpeX               | JTR     |             |
|            | 23:59    | 06:00 | B      | X 064 Young, L.   | SpeX               | JTR     |             |
| Jun. 21 Th | 18:00    | 18:20 | B      | X 047 Schaller    | SpeX               |         | Service obs |
|            | 18:20    | 23:59 | B      | X 016 Lynch       | SpeX               | JTR     |             |
|            | 23:59    | 06:00 | B      | X 064 Young, L.   | SpeX               | JTR     |             |
| Jun. 22 Fr | 18:00    | 23:59 | B,D    | 999 Engineering   | SpeX               | EVT     |             |
|            | 23:59    | 06:00 | B      | X 064 Young, L.   | SpeX               | JTR     |             |
| Jun. 23 -- | 18:00    | 21:00 | D      | 999 Engineering   | NSFCAM2/Emissivity | EVT     |             |
|            | 21:00    | 23:59 | D      | X 992 Orton       | NSFCAM2            | EVT     |             |
|            | 23:59    | 01:00 | D      | X 064 Young, L.   | SpeX               | JTR     |             |
| Jun. 24 -- | 01:00    | 03:00 | D      | X 049 Spencer     | SpeX               | JTR     |             |
|            | 03:00    | 06:00 | D      | X 064 Young, L.   | SpeX               | JTR     |             |
|            | 18:00    | 23:59 | D      | 999 Engineering   | SpeX               | EVT     |             |
|            | 23:59    | 06:00 | D      | X 064 Young, L.   | SpeX               | JTR     |             |
| Jun. 25 Mo | 18:00    | 23:59 | D,E    | X 991 Abell       | SpeX               | EVT     |             |
|            | 23:59    | 06:00 | D      | X 064 Young, L.   | SpeX               | JTR     |             |
| Jun. 26 Tu | 18:00    | 21:00 | E      | 999 Engineering   | Guider computer    | EVT     |             |

JUNE2007 IRTF TELESCOPE SCHEDULE:

July 24, 2007

| HST Date   | HST Time | TO    | Remote | Prog and PI | Instrument      | SA              | Comments        |
|------------|----------|-------|--------|-------------|-----------------|-----------------|-----------------|
|            | 21:00    | 23:59 | E      | X           | 991 Abell       | SpeX            | EVT             |
|            | 23:59    | 06:00 | E      | X           | 064 Young, L.   | SpeX            | JTR             |
| Jun. 27 We | 18:00    | 21:00 | E      |             | 999 Engineering | Guider computer | EVT             |
|            | 21:00    | 23:59 | E      | X           | 991 Abell       | SpeX            | JTR             |
|            | 23:59    | 06:00 | E      | X           | 064 Young, L.   | SpeX            | JTR             |
| Jun. 28 Th | 18:00    | 06:00 | E,B    |             | 080 Megeath     | SpeX            | JTR             |
| Jun. 29 Fr | 18:00    | 06:00 | B      |             | 080 Megeath     | SpeX            | JTR Titan Flyby |
| Jun. 30 -- | 18:00    | 06:00 | B      |             | 080 Megeath     | SpeX            | JTR Full moon   |

- 013 Doressoundiram, Erard, Birlan, Despan, Forni, Capaccioni
- 016 Rudy, Russell, Woodward
- 021 Baines, Yanamandra-Fisher, Fletcher, Irwin, Howett, Fisher
- 030 Robinson
- 038 Encrenaz, Bezar, Birlan
- 042 Gaffey, Abell, Hardersen
- 044 Volquardsen
- 047 Roe, Brown
- 049 Rathbun
- 051 Bus, Binzel, Rivkin
- 053 Rivkin
- 054 Miller, Achilleos, Dougherty, Lystrup, Melin
- 059 Emery
- 064 Grundy, Young
- 070 Lacy, Lowrance, Carey
- 071 Heustis, Cosby, Sharpee, Chanover
- 074 Liu, Magnier
- 078 Petric, Sajina, Seymour, Storrie-Lombardi, Armus, Ridgway
- 079 Lovell, Chamberlain, Bus, Hora, , Kassis
- 080 Winston, Peterson, Allen

# June 2007

JULY2007 IRTF TELESCOPE SCHEDULE:

July 24, 2007

| HST Date   | HST Time | TO    | Remote | Prog and PI               | Instrument | SA      | Comments          |
|------------|----------|-------|--------|---------------------------|------------|---------|-------------------|
| Jul. 1 --  | 18:00    | 06:00 | D      | 080 Megeath               | SpeX       | JTR     |                   |
| Jul. 2 Mo  | 18:00    | 22:30 | D      | X 990 Kirkpatrick         | SpeX       | EVT     |                   |
|            | 22:30    | 06:00 | D      | 059 Fortney               | SpeX       | JTR     |                   |
| Jul. 3 Tu  | 18:00    | 06:00 | D      | X 990 Kirkpatrick         | SpeX       | EVT     |                   |
| Jul. 4 We  | 18:00    | 23:59 | D      | X 079 Sykes               | MIRSI      | EVT     |                   |
|            | 23:59    | 06:00 | D,P    | X 016 Lynch               | SpeX       | JTR     |                   |
| Jul. 5 Th  | 18:00    | 06:00 | B,P    | 048 Sitko                 | BASS/ SpeX | ATT/JTR | with Hammel (034) |
| Jul. 6 Fr  | 18:00    | 06:00 | B,P    | 048 Sitko                 | BASS/SpeX  | ATT/JTR | with Hammel (034) |
| Jul. 7 --  | 18:00    | 06:00 | P,B    | 048 Sitko                 | BASS/SpeX  | ATT/JTR | with Hammel (034) |
| Jul. 8 --  | 18:00    | 06:00 | B      | 048 Sitko                 | Bass/SpeX  | ATT/JTR | with Hammel (034) |
| Jul. 9 Mo  | 16:00    | 19:45 | E      | 069 Mitsuyama             | MIRSI      | EVT     | 1st night         |
|            | 19:45    | 06:00 | D      | X 997 Jackson             | MIRSI      | EVT     |                   |
| Jul. 10 Tu | 16:00    | 19:45 | E      | 069 Mitsuyama             | MIRSI      | EVT     |                   |
|            | 19:45    | 06:00 | D      | X 997 Jackson             | MIRSI      | EVT     |                   |
| Jul. 11 We | 16:00    | 19:45 | E      | 069 Mitsuyama             | MIRSI      | EVT     |                   |
|            | 19:45    | 06:00 | D      | X 029 Connelley           | SpeX       | SJB     |                   |
| Jul. 12 Th | 16:00    | 19:45 | E      | 069 Mitsuyama             | MIRSI      | EVT     |                   |
|            | 19:45    | 06:00 | B,P    | X 029 Connelley           | SpeX       | SJB     |                   |
| Jul. 13 Fr | 10:30    | 19:00 | E      | 061 Ohtsuki               | CSHELL     | SJB     |                   |
|            | 19:00    | 06:00 | B,P    | X 029 Connelley           | SpeX       | SJB     |                   |
| Jul. 14 -- | 10:30    | 19:00 | E      | 061 Ohtsuki               | CSHELL     | SJB     |                   |
|            | 19:00    | 06:00 | B,P    | 073 Smith                 | SpeX       | SJB     |                   |
| Jul. 15 -- | 10:30    | 19:00 | E      | 061 Ohtsuki               | CSHELL     | SJB     |                   |
|            | 19:00    | 06:00 | B,P    | 073 Smith                 | SpeX       | SJB     |                   |
| Jul. 16 Mo | 18:00    | 06:00 | B,P    | X 028 Bjorkman            | SpeX       | SJB     |                   |
| Jul. 17 Tu | 18:00    | 06:00 | D      | X 028 Bjorkman            | SpeX       | SJB     |                   |
| Jul. 18 We | 18:00    | 20:30 | D      | X 046 Roe                 | CSHELL     | JTR     |                   |
|            | 20:30    | 06:00 | D      | X 036 Hora                | SpeX       | SJB     |                   |
| Jul. 19 Th | 18:00    | 06:00 | D      | X 051 Tokunaga            | SpeX       | ATT     |                   |
| Jul. 20 Fr | 18:00    | 19:20 | D      | 083 Young, E.             | SpeX       | SJB     |                   |
|            | 19:20    | 06:00 | D      | 066 Gordon                | SpeX       | SJB     |                   |
| Jul. 21 -- | 18:00    | 19:20 | E      | 083 Young, E.             | SpeX       | SJB     |                   |
|            | 19:20    | 06:00 | E      | 066 Gordon                | SpeX       | SJB     |                   |
| Jul. 22 -- | 18:00    | 19:20 | E      | 083 Young, E.             | SpeX       | SJB     |                   |
|            | 19:20    | 06:00 | E,P    | X 011 Giveon              | NSFCAM2    | EVT     |                   |
| Jul. 23 Mo | 18:00    | 19:20 | P      | 083 Young, E.             | SpeX       | SJB     |                   |
|            | 19:20    | 06:00 | P      | X 011 Giveon              | NSFCAM2    | EVT     |                   |
| Jul. 24 Tu | 18:00    | 19:20 | P      | 083 Young, E.             | SpeX       | SJB     |                   |
|            | 19:20    | 06:00 | P      | X 016 Lynch               | SpeX       | SJB     |                   |
| Jul. 25 We | 18:00    | 19:20 | P      | 083 Young, E.             | SpeX       | SJB     |                   |
|            | 19:20    | 21:00 | P      | X 999 Engineering/Rayner  | SpeX       | JTR     |                   |
|            | 21:00    | 06:00 | P,E    | X 988 Simon               | CSHELL     | JTR     |                   |
| Jul. 26 Th | 18:00    | 19:20 | D      | 083 Young, E.             | SpeX       | SJB     |                   |
|            | 19:20    | 21:00 | D      | X 999 Engineering/Rayner  | SpeX       | JTR     |                   |
|            | 21:00    | 06:00 | D      | X 988 Simon               | CSHELL     | JTR     |                   |
| Jul. 27 Fr | 18:00    | 19:00 | D      | 083 Young, E.             | SpeX       | SJB     |                   |
|            | 19:00    | 06:00 | D      | X 037 Looper              | SpeX       | SJB     |                   |
| Jul. 28 -- | 18:00    | 19:00 | D      | 083 Young, E.             | SpeX       | SJB     |                   |
|            | 19:00    | 06:00 | D,E    | 062 Osten                 | CSHELL     | SJB     | 1st night         |
| Jul. 29 -- | 18:00    | 19:00 | E      | 083 Young                 | SpeX       | SJB     |                   |
|            | 19:00    | 00:45 | E      | 062 Osten                 | CSHELL     | SJB     |                   |
| Jul. 30 Mo | 00:45    | 01:15 | E      | X 027 Birlan              | CSHELL     | SJB     |                   |
|            | 01:15    | 06:00 | E      | 062 Osten                 | CSHELL     | SJB     |                   |
|            | 18:00    | 19:00 | E      | 083 Young, E.             | SpeX       | SJB     | Full moon         |
|            | 19:00    | 19:20 | E      | X 992 Orton               | SpeX       | SJB     |                   |
|            | 19:20    | 06:00 | E      | X 999 Engineering/Tolles. | NSFCAM2    | EVT     |                   |
| Jul. 31 Tu | 18:00    | 19:00 | E      | 083 Young, E.             | SpeX       | SJB     |                   |
|            | 19:00    | 21:00 | E      | X 987 Vervack             | SpeX       | SJB     |                   |

JULY2007 IRTF TELESCOPE SCHEDULE:

July 24, 2007

| HST Date | HST Time | TO    | Remote | Prog and PI | Instrument          | SA   | Comments |
|----------|----------|-------|--------|-------------|---------------------|------|----------|
|          | 21:00    | 23:59 | E      | X           | 999 Engineering/Bus | SpeX | SJB      |
|          | 23:59    | 02:00 | E,P    | X           | 063 Young, L.       | SpeX | SJB      |

- 011 Vacca, Crowther, Becker
- 016 Rudy, Russell, Woodward
- 027 Arlot, Thuillot, Binzel, Colas, Nedelcu
- 028 Hesselbach, Bjorkman, Wisniewski
- 029 Greene
- 036 Marengo, Luhman, Patten
- 037 Kirkpatrick, Tokunaga, Burgasser
- 046 Schaller
- 048 Russell, Lynch, Kim, Ford, Brafford, Grady, Wisniewski
- 051 Bus, Binzel, Rivkin
- 059 Emery
- 061 Iwagami, Sagawa, Ueno, Imamura
- 062 Johns-Krull
- 063 Grundy, Young
- 066 Kim, Clayton, Pendleton, Whittet, Snow, Misselt, Smith
- 069 Sagawa, Imamura
- 073 Oswald, Silvestri
- 079 Lovell, Chamberlain, Bus, Hora, , Kassis
- 080 Winston, Peterson, Allen
- 083 Bullock, Tavenner, Rafkin

# July 2007

## AUGUST2007 IRTF TELESCOPE SCHEDULE:

July 24, 2007

| HST Date  | HST Time | TO    | Remote | Prog and PI | Instrument          | SA   | Comments |
|-----------|----------|-------|--------|-------------|---------------------|------|----------|
| Aug. 1 We | 02:00    | 04:00 | P      | S           | 999 Engineering/Bus | SpeX | SJB      |
|           | 04:00    | 06:00 | P      | X           | 986 Binzel          | SpeX | SJB      |

# August 2007

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.

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 Division Chief 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 "1st 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 1 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 Mr. George Koenig, the IRTF Interim Superintendent.

SA (Support Astronomer)

ATT=Alan Tokunaga

EVT=Eric Tollestrup

JTR = John Rayner

SJB = Schelte (Bobby) Bus

Team = JTR, SJB, EVT