

IUE Observatory Schedule for April--June 1979

The schedule for the first quarter of IUE's second year has been completed. Most guest investigators are scheduled 16-hour double shifts on alternate days. Working 16 hours continuously can be tiring, but so far, all guest observers have endured admirably well. With 16 hours at their disposal, the observers can plan and execute their observations more efficiently. They will have one less handover, and they will be able to plan around the occultation or interference by the bright Earth and sometimes by the Moon. Coverage of specific phases of variable stars and making use of some special planet - satellite geometric configurations may also be easier. This arrangement also provides the Observatory a simplistic way of distributing low radiation (shift 1) and high radiation (shift 2) shifts.

The spacecraft is not allowed to point in a circular area of 45 degrees radius around the Sun. Additionally in the zone of $55^{\circ} > \beta > 95^{\circ}$ ($\beta = 0^{\circ}$ at the antisun and $\beta = 180^{\circ}$ at the sun), the onboard computer tends to be hot. This may cause it to crash and endanger the spacecraft. Attempts have been made to schedule only those observers who have the least number of targets within the above two regions.

After the schedule for an integral number of months has been completed and sent to guest observers, the Observatory does not wish to initiate revisions, unless there is very strong scientific justification. Should the observer find the schedule inconvenient, it is his responsibility to make arrangement with other observers to change his assigned slots. So, if observations have to be made at specific times, such as simultaneous observations with ground-based or other space facilities, a specific phase of an important variable star and favorable geometry for planet-

satellite systems, the observers have to advise the Observatory well ahead of time. In fact, by mid-May, the Observatory schedule for the rest of the year (up to March 1980) should be finalized. Observers of Solar System objects and those with time critical observations must send in the request for specific times by early May. The request can be addressed to Drs. D.K. West or C.-C. Wu at Code 685, NASA/Goddard Space Flight Center, Greenbelt, MD 20771.

C.-C. Wu

GUEST OBSERVER VISIT

(April 1 through April 30)

<u>DATE</u>	<u>SHIFT 1</u>			<u>SHIFT 2</u>				
	<u>STARTING TIME</u>	<u>GO</u>	<u>PROGRAM ID</u>	<u>RA/TO</u>	<u>STARTING TIME</u>	<u>GO</u>	<u>PROGRAM ID</u>	<u>RA/TO</u>
4/01/79	6:30 AM EST	Wray	MSJDW	Holm/Hathaway	2:30 PM EST	Wray	MSJDW	Schiffer/Ehlers
4/02/79	6:30 AM EST	Imhoff	TTBCI	Holm/Rice	2:30 PM EST	Imhoff	TTBCI	Schiffer/Ehlers
4/03/79	6:30 AM EST	Wray	MSJDW	Holm/Rice	2:30 PM EST	Wray	MSJDW	Schiffer/Ehlers
4/04/79	6:30 AM EST	Imhoff	TTBCI	Holm/Rice	2:30 PM EST	Imhoff	TTBCI	Schiffer/Ehlers
4/05/79	6:30 AM EST	Wray	MSJDW	Holm/Rice	2:30 PM EST	Wray	MSJDW	Schiffer/Ehlers
4/06/79	6:30 AM EST	Kondo	XGBYK	Holm/Hathaway	2:30 PM EST	Maintenance	PHCAL	Schiffer/Ehlers
4/07/79	6:30 AM EST	Boggess	NPBAB	Holm/Hathaway	2:30 PM EST	Boggess	NPBAB	Wu/Ehlers
4/08/79	6:30 AM EST	Wray	MSJDW	Holm/Hathaway	2:30 PM EST	Wray	MSJDW	Wu/Ehlers
4/09/79	6:30 AM EST	Imhoff	TTBCI	Holm/Hathaway	2:30 PM EST	Imhoff	TTBCI	Wu/Ehlers
4/10/79	6:30 AM EST	Code	IEBAC	Holm/Hathaway	2:30 PM EST	Code	IEBAC	Wu/Ehlers
4/11/79	6:30 AM EST	Maintenance	PHCAL	Holm/Hathaway	2:30 PM EST	Imhoff	TTBCI	Wu/Ehlers
4/12/79	6:30 AM EST	Code	IEBAC	Holm/Hathaway	2:30 PM EST	Code	IEBAC	Wu/Ehlers
4/13/79	6:30 AM EST	Savage	IMBBS	Holm/Hathaway	2:30 PM EST	Savage	IMBBS	Wu/Ehlers
4/14/79	5:00 AM EST	Code	GCBAC	Schiffer/Hathaway	1:00 PM EST	Maintenance	PHCAL	Wu/Ehlers
4/15/79	5:00 AM EST	Savage	IMBBS	Schiffer/Hathaway	1:00 PM EST	Savage	IMBBS	Wu/Ehlers
4/16/79	5:00 AM EST	Code	GCBAC	Schiffer/Hathaway	1:00 PM EST	Code	GCBAC	Wu/Ehlers
4/17/79	5:00 AM EST	Savage	IMBBS	Schiffer/Hathaway	1:00 PM EST	Savage	IMBBS	Wu/Ehlers
4/18/79	5:00 AM EST	Code	GCBAC	Schiffer/Hathaway	1:00 PM EST	de Boer	IMBKD	Wu/Rice
4/19/79	5:00 AM EST	Caldwell	SPBJC	Schiffer/Hathaway	1:00 PM EST	Caldwell	SPBJC	Wu/Rice
4/20/79	5:00 AM EST	Caldwell	SPBJC	Schiffer/Hathaway	1:00 PM EST	Caldwell	SPBJC	Wu/Rice
4/21/79	5:00 AM EST	Caldwell	SPBJC	Schiffer/Hathaway	1:00 PM EST	Maintenance	PHCAL	Holm/Rice
4/22/79	5:00 AM EST	Schiffer	NDBFS	Schiffer/Ehlers	1:00 PM EST	Schiffer	NDBFS	Holm/Rice
4/23/79	5:00 AM EST	Perry	NDBPP	Schiffer/Ehlers	1:00 PM EST	Perry	NDBPP	Holm/Rice

GUEST OBSERVER VISIT (continued)

(April 1 through April 30)

<u>DATE</u>	<u>SHIFT 1</u>			<u>SHIFT 2</u>		
	<u>STARTING TIME</u>	<u>GO</u>	<u>PROGRAM ID</u> <u>RA/TO</u>	<u>STARTING TIME</u>	<u>GO</u>	<u>PROGRAM ID</u> <u>RA/TO</u>
4/24/79	5:00 AM EST	Schiffer	NDBFS Schiffer/Ehlers	1:00 PM EST	Schiffer	NDBFS Holm/Rice
4/25/79	5:00 AM EST	Maintenance	PHCAL Schiffer/Ehlers	1:00 PM EST	Perry	NDBPP Holm/Rice
4/26/79	5:00 AM EST	Schiffer	NDBFS Schiffer/Ehlers	1:00 PM EST	Schiffer	NDBFS Holm/Rice
4/27/79	5:00 AM EST	Perry	NDBPP Schiffer/Ehlers	1:00 PM EST	Perry	NDBPP Holm/Hathaway
4/28/79	5:00 AM EST	Perry	NDBPP Wu/Rice	1:00 PM EST	Fabbiano	XBBGF Holm/Hathaway
4/29/79	6:00 AM EDT	Boggess	NDBAB Wu/Ehlers	2:00 PM EDT	Boggess	NDBAB Holm/Hathaway
4/30/79	5:20 AM EDT	Mullan	CCBDM Wu/Ehlers	1:20 PM EDT	Maintenance	PHCAL Holm/Hathaway

GUEST OBSERVER VISIT

(May 1 through May 31)

-SHIFT 1SHIFT 2

<u>DATE</u>	<u>-STARTING</u>			<u>PROGRAM</u>		<u>STARTING</u>			<u>PROGRAM</u>	
	<u>TIME</u>	<u>GO</u>		<u>ID</u>	<u>RA/TO</u>	<u>TIME</u>	<u>GO</u>	<u>ID</u>	<u>RA/TO</u>	
5/01/79	4:00 AM EDT	Mullan		CCBDM	Wu/Rice	Noon EDT	Mullan	CCBDM	Holm/Hathaway	
5/02/79	4:00 AM EDT	Kirshner		NSBRK	Wu/Rice	Noon EDT	Mullan	CCBDM	Holm/Hathaway	
5/03/79	4:00 AM EDT	Kirshner		NSBRK	Wu/Rice	Noon EDT	Lesh	BCBJL	Holm/Hathaway	
5/04/79	4:00 AM EDT	Sargent		QSBWS	Wu/Rice	Noon EDT	Lesh	BCBJL	Holm/Hathaway	
5/05/79	4:00 AM EDT	Shull		IGBJS	Wu/Rice	Noon EDT	Shull	IGBJS	Schiffer/Hathaway	
5/06/79	4:00 AM EDT	Sargent		QSBWS	Wu/Rice	Noon EDT	Lesh	BCBJL	Schiffer/Ehlers	
5/07/79	4:00 AM EDT	Shull		IGBJS	Wu/Rice	Noon EDT	Shull	IGBJS	Schiffer/Ehlers	
5/08/79	4:00 AM EDT	Sargent		QSBWS	Wu/Rice	Noon EDT	Maintenance	PHCAL	Schiffer/Ehlers	
5/09/79	4:00 AM EDT	McClusky		CBBGM	Wu/Rice	Noon EDT	McClusky	CBBGM	Schiffer/Ehlers	
5/10/79	4:00 AM EDT	Kondo		XGBYK	Wu/Hathaway	Noon EDT	Hapke	SLBBH	Schiffer/Ehlers	
5/11/79	4:00 AM EDT	Hapke		SLBBH	Wu/Hathaway	Noon EDT	Hapke	SLBBH	Schiffer/Ehlers	
5/12/79	4:00 AM EDT	Aller		NPBLA	Holm/Hathaway	Noon EDT	Aller	NPBLA	Schiffer/Ehlers	
5/13/79	4:00 AM EDT	Maintenance		PHCAL	Holm/Hathaway	Noon EDT	Lesh	BCBJL	Schiffer/Ehlers	
5/14/79	4:00 AM EDT	Aller		NPBLA	Holm/Hathaway	Noon EDT	Aller	NPBLA	Schiffer/Ehlers	
5/15/79	4:00 AM EDT	Kondo		XGBYK	Holm/Hathaway	Noon EDT	Maintenance	PHCAL	Schiffer/Rice	
5/16/79	4:00 AM EDT	Fabbiano		XBBGF	Holm/Hathaway	Noon EDT	Lesh	BCBJL	Schiffer/Rice	
5/17/79	4:00 AM EDT	Fabbiano		XBBGF	Holm/Hathaway	Noon EDT	Lesh	BCBJL	Schiffer/Rice	
5/18/79	4:00 AM EDT	Brown		RSRLB	Holm/Hathaway	Noon EDT	Brown	RSRLB	Schiffer/Rice	
5/19/79	4:00 AM EDT	Hackney		BLBKH	Holm/Ehlers	Noon EDT	Hackney	BLBKH	Wu/Rice	
5/20/79	4:00 AM EDT	Brown		RSRLB	Holm/Ehlers	Noon EDT	Brown	RSRLB	Wu/Rice	
5/21/79	4:00 AM EDT	Hackney		BLBKH	Holm/Ehlers	Noon EDT	Lesh	BCBJL	Wu/Rice	
5/22/79	4:00 AM EDT	Hackney		BLBKH	Holm/Ehlers	Noon EDT	Maintenance	PHCAL	Wu/Rice	
5/23/79	4:00 AM EDT	Leibowitz		XBBEL	Holm/Ehlers	Noon EDT	Leibowitz	XBBEL	Wu/Rice	
5/24/79	4:00 AM EDT	Holm		RCBAH	Holm/Ehlers	Noon EDT	Holm	RCBAH	Wu/Hathaway	
5/25/79	4:00 AM EDT	Maintenance		PHCAL	Holm/Ehlers	Noon EDT	Lesh	BCBJL	Wu/Hathaway	
5/26/79	4:00 AM EDT	Wing		CBBRW	Schiffer/Ehlers	Noon EDT	Wing	CBBRW	Wu/Hathaway	
5/27/79	4:00 AM EDT	Dufour		NDBRD	Schiffer/Ehlers	Noon EDT	Dufour	NDBRD	Wu/Hathaway	
5/28/79	4:00 AM EDT	Wing		CBBRW	Schiffer/Rice	Noon EDT	Wing	CBBRW	Wu/Hathaway	
5/29/79	4:00 AM EDT	Dufour		NPBLA	Schiffer/Rice	Noon EDT	Dufour	NDBRD	Wu/Hathaway	
5/30/79	4:00 AM EDT	Spinrad		EGBHS	Schiffer/Rice	Noon EDT	Lesh	BCBJL	Wu/Hathaway	
5/31/79	3:20 AM EDT	Geller		QSBMG	Schiffer/Rice	11:20 AM EDT	Maintenance	PHCAL	Wu/Hathaway	

GUEST OBSERVER VISIT

(June 1 through June 30)

SHIFT 1

SHIFT 2

<u>DATE</u>	<u>SHIFT 1</u>		<u>PROGRAM</u>		<u>SHIFT 2</u>		<u>PROGRAM</u>		<u>RA/TO</u>
	<u>STARTING TIME</u>	<u>GO</u>	<u>ID</u>	<u>RA/TO</u>	<u>STARTING TIME</u>	<u>GO</u>	<u>ID</u>	<u>RA/TO</u>	
6/01/79	2:00 AM EDT	Spinrad	EGBHS	Schiffer/Dugan	10:00 AM EDT	Spinrad	EGBHS	Wu/Ehlers	
6/02/79	2:00 AM EDT	Bogges	NPBAB	Schiffer/Dugan	10:00 AM EDT	Bogges	NPBAB	Holm/Ehlers	
6/03/79	2:00 AM EDT	Spinrad	EGBHS	Schiffer/Dugan	10:00 AM EDT	Spinrad	EGBHS	Holm/Ehlers	
6/04/79	2:00 AM EDT	McCluskey	CBBGM	Schiffer/Dugan	10:00 AM EDT	McCluskey	CBBGM	Holm/Rice	
6/05/79	2:00 AM EDT	Bogges	QSBAB	Schiffer/Dugan	10:00 AM EDT	Bogges	QSBAB	Holm/Rice	
6/06/79	2:00 AM EDT	Mullan	CCBDM	Schiffer/Dugan	10:00 AM EDT	Mullan	CCBDM	Holm/Rice	
6/07/79	2:00 AM EDT	Bogges	QSBAB	Schiffer/Hathaway	10:00 AM EDT	Maintenance	PHCAL	Holm/Rice	
6/08/79	2:00 AM EDT	Mullan	CCBDM	Schiffer/Hathaway	10:00 AM EDT	Stencel	CMBRS	Holm/Rice	
6/09/79	2:00 AM EDT	Leibowitz	XBBEL	Wu/Hathaway	10:00 AM EDT	Leibowitz	XBBEL	Holm/Rice	
6/10/79	2:00 AM EDT	Stencel	CMBRS	Wu/Hathaway	10:00 AM EDT	Stencel	CMBRS	Holm/Rice	
6/11/79	2:00 AM EDT	Wallerstein	NSBGW	Wu/Hathaway	10:00 AM EDT	Wallerstein	NSBGW	Holm/Dugan	
6/12/79	2:00 AM EDT	Stencel	CMBRS	Wu/Hathaway	10:00 AM EDT	Stencel	CMBRS	Holm/Dugan	
6/13/79	2:00 AM EDT	Wallerstein	NSBGW	Wu/Hathaway	10:00 AM EDT	Wallerstein	NSBGW	Holm/Dugan	
6/14/79	2:00 AM EDT	Bogges	QSBAB	Wu/Ehlers	10:00 AM EDT	Maintenance	PHCAL	Holm/Dugan	
6/15/79	2:00 AM EDT	Wallerstein	NSBGW	Wu/Ehlers	10:00 AM EDT	Wallerstein	NSBGW	Holm/Dugan	
6/16/79	2:00 AM EDT	Moos	IGBHM	Wu/Ehlers	10:00 AM EDT	Moos	IGBHM	Schiffer/Dugan	
6/17/79	2:00 AM EDT	Wallerstein	NSBGW	Wu/Ehlers	10:00 AM EDT	Wallerstein	NSBGW	Schiffer/Dugan	
6/18/79	2:00 AM EDT	Purton	NPBCP	Wu/Ehlers	10:00 AM EDT	Purton	NPBCP	Schiffer/Hathaway	
6/19/79	2:00 AM EDT	Michalitsianos	CMBAM	Wu/Ehlers	10:00 AM EDT	Purton	NPBCP	Schiffer/Hathaway	
6/20/79	2:00 AM EDT	Maintenance	PHCAL	Wu/Ehlers	10:00 AM EDT	Maintenance	PHCAL	Schiffer/Hathaway	
6/21/79	2:00 AM EDT	Morrison	AFBNM	WU/Rice	10:00 AM EDT	Morrison	AFBNM	Schiffer/Hathaway	
6/22/79	2:00 AM EDT	Garrison	SCRFG	Wu/Rice	10:00 AM EDT	Garrison	SCRFG	Schiffer/Hathaway	
6/23/79	2:00 AM EDT	Maintenance	PHCAL	Holm/Rice	10:00 AM EDT	Sargent	IGBWS	Schiffer/Hathaway	

GUEST OBSERVER VISIT (continued)

(June 24 through June 30)

<u>DATE</u>	<u>SHIFT 1</u>			<u>SHIFT 2</u>				
	<u>STARTING</u> <u>TIME</u>	<u>GO</u>	<u>PROGRAM</u> <u>ID</u>	<u>RA/TO</u>	<u>STARTING</u> <u>TIME</u>	<u>GO</u>	<u>PROGRAM</u> <u>ID</u>	<u>RA/TO</u>
6/24/79	2:00 AM EDT	Garrison	SCRFG	Holm/Rice	10:00 AM EDT	Garrison	SCRFG	Schiffer/Hathaway
6/25/79	2:00 AM EDT	Sargent	IGBWS	Holm/Rice	10:00 AM EDT	Sargent	IGBWS	Schiffer/Ehlers
6/26/79	2:00 AM EDT	Stecher	IGBTS	Holm/Rice	10:00 AM EDT	Stecher	VETPS	Schiffer/Ehlers
6/27/79	2:00 AM EDT	Sargent	IGBWS	Holm/Rice	10:00 AM EDT	Sargent	IGBWS	Schiffer/Ehlers
6/28/79	2:00 AM EDT	Wu	EGBCW	Holm/Dugan	10:00 AM EDT	Wu	EGBCW	Schiffer/Ehlers
6/29/79	2:00 AM EDT	Lambert	CVBDL	Holm/Dugan	10:00 AM EDT	Lambert	CVBDL	Schiffer/Ehlers
6/30/79	1:20 AM EDT	Wu	EGBCW	Holm/Dugan	9:20 AM EDT	Maintenance	PHCAL	Wu/Ehlers