

SOFIA Cycle 7 Status

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USRA

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SUG meeting May 28, 2019

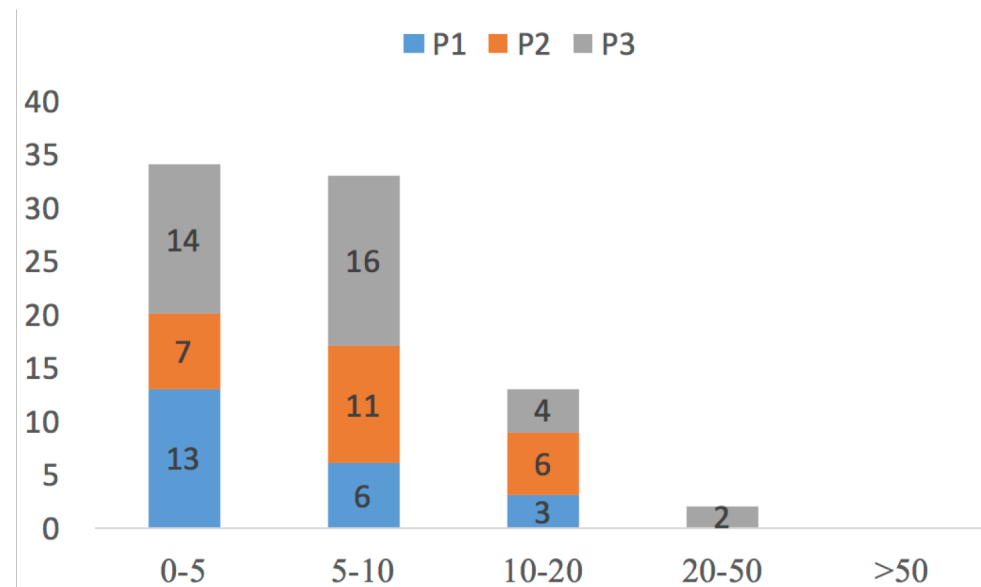
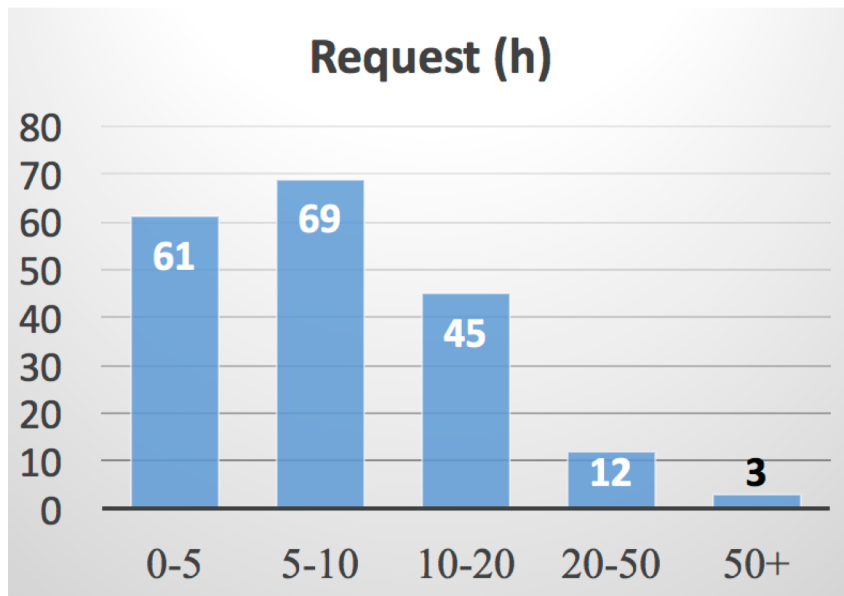
Time Line

Release of Cycle 7 CfP	1 June 2018
4 Observers' Workshops	May-June 2018
Scheduled Update to CfP	23 July 2018
US Proposal Deadline	7 September 2018
German Proposal Deadline	7 September 2018
US Time Allocation Committee	16-18 October 2018
German Time Allocation Committee	16-18 October 2018
Selection Announcement	1 November 2018
Nominal Cycle 7 Period	27 April 2019 – 24 April 2020

Government
Shutdown

By now: OC7A (FIFI-LS) - fully completed
 OC7B (GREAT; Palmdale) – Partially completed

	US	German
Hours Offered	400	70
Proposals Received	190	33
Hours Requested	1918	184
Oversubscription Rate	4.8	2.6



SOFIA Legacy Proposals

- Cycle 7 introduced the SOFIA Legacy Programs
- 10 proposals submitted for ~950h
- 2 Selected:
 - 07_0077 GREAT
“Radiative and mechanical feedback in regions of massive star formation (FEEDBACK)”
Joint program; PI: Tielens (US); Schneider (DE)
 - 96h – 48h to be scheduled in Cy 7
 - 07_0189 FORCAST
“Constraining Recent Star Formation in the Galactic Center: A SOFIA/FORCAST Legacy Program”
PI: Hankins
 - 30h – all [to be] scheduled in OC7D

Planning Process

- After the TAC review we used the Cycle Scheduler (CS) and Short Term Scheduler (STS) to evaluate the instrument cadence and schedulability
- A relatively long process of finalizing the duration and number of instruments for the Southern Deployment delayed the final plan (but “He who waits for something good...”)
- We have included Cycle 6 P1s and observations lost to the Government Shutdown in the Cy 7 plans
- Cycle 7 started at the end for April with OC7A (FIFI-LS) and OC7B (GREAT)
 - A few legs lost total in 12 flights for OC7A
 - Two flights (of 3) lost in OC7B (severe weather) – Boresight mapping accomplished – ready for Deployment

A few Notables

- The Legacy programs drove both the GREAT and FORCAST Deployment scheduling.
 - Achieved both goals to schedule ~1/2 of 07_0077 and all of 07_0189
- Three highly ranked planetary programs drive the spring
 - Short FORCAST series to observe Venus for 07_0140 (Tsang)
 - Short EXES series to Jupiter for 07_0222 (Sinclair)
 - Proposal to observe Io for 07_0221 (Schmidt) could not fit into OC7O, but was accomplished in OC6S
- One Thesis Enabling program: 07_0209; PI Stacey selected and being scheduled

Cycle 7 Plan. (all flights – regular and contingency)

Instrument	Base	Period	# Flights	Notes
FIFI-LS	Palmdale	April 30 – May 16	12	All flown
GREAT	Palmdale	May 20 – 22	3	1 of 3 flown
GREAT	Christchurch	June 3 – 27	16	Scheduled
FORCAST	Christchurch	July 1 – 11	8	Scheduled
HAWC+	Christchurch	July 16 – 25	8	Scheduled
HAWC+	Palmdale	Sep. 3 – Oct. 3	18	[AG; Stuttgart]
FORCAST	Palmdale	Oct. 11 - 24	10	
FIFI-LS	Palmdale	Oct. 29 – Nov. 14	11	
GREAT	Palmdale	Nov. 19 – Dec. 12	14	
HAWC+	Palmdale	Jan. 14 – 30	12	[no AAS]
EXES	Palmdale	Feb. 4 – 13	8	
FIFI-LS	Palmdale	Feb. 18 – 27	8	
GREAT	Palmdale	March 3 – 18	8	
FORCAST	Palmdale	March 24 – 27	4	Venus
EXES	Palmdale	March 30 – April 2	4	Jupiter

Funding

- New SOFIA/USRA contracts manager (Julie Pelletier)
 - Most of the Cy 7 grant agreements are now in place
 - Remainder are awaiting GO institution inputs*
 - Grant disbursement under way, according to policy
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- We had an e-mail issue where some of Hal's letters "disappeared"
 - some due to recipients SPAM folders, some because of a SOFIA server issue which delayed the initiations of some grants

- Questions?