



Responses to Actions from previous meeting (SUG5)

William T. Reach

SOFIA Users Group

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List of SUG5 Issues

1. Schedule for releasing data into the Public Archive
2. Metrics for Success [*presentation*]
3. Water Vapor Monitor Calibration [*presentation*]
4. Deployments to the Southern Hemisphere
5. Visits to Building 703
6. FLITECAM Sensitivity
7. Ability of GI to change observations in Flight
8. Development of new Science instruments
9. Outreach to the Science Community [*presentation*]

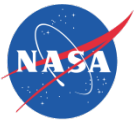




1. Schedule for releasing data into the Public Archive



- This issue concerns data with proprietary periods, which are nominally 1 year
 - The SOFIA policy is to release such data products 1 year after their first ingestion into the archive. This applies separately to raw (Level 1), processed (Level 2), and calibrated (Level 3).
- The SUG requested the policy be that no Level 1 or 2 products be released until the corresponding Level 3 proprietary is complete
 - This issue was important for the initial campaigns, before the data processing procedures were in place, when a significant gap existed between acquisition and calibration
- **We believe our existing policy remains prudent, because it allows access to data that may prove difficult to calibrate**



4. Deployments to the Southern Hemisphere



- The SUG encouraged SOFIA to use multiple Science Instruments on deployments to the southern hemisphere
 - We are actively developing a 2-SI deployment plan in 2015
- The SUG encouraged investigating other southern bases to minimize ferry time
 - *This investigation is worthwhile but has not been completed*
- The SUG also encouraged performing scientific observations on ferry flights
 - Will be done when possible. Constraints are the need for a direct flight path for the long flight to New Zealand (though the hop to Hawaii offers an opportunity) and balancing crew needs on flights from the southern base versus those on the ferry flights.



5. Visits to Building 703 in Palmdale

- The SUG approved of the visitor information packet and requested addition of hotels and night lunch options
 - In work, WBL update





6. FLITECAM Sensitivity

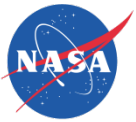
- The SUG recommended that FLITECAM be tested in flight in its clean configuration, rather than in the HIPO+FLITECAM (FLIPO) co-mounted configuration, to determine whether the high backgrounds at wavelengths longer than 3 microns can be eliminated
 - A separate presentation in this meeting will address the FLITECAM high background root cause analysis
 - We will commission FLITECAM in its standalone configuration once the proposal pressure for such FLITECAM observations warrants a flight campaign



7. Ability of GI to change observations in Flight



- The SUG recommended a modification of the policies for in-flight modification to science observations for time-variable and transient events
 - *BGA response*



8. Development of new Science instruments



- The SUG states that the program needs to begin planning for the next generation of science instruments.
 - The Science Center remains strongly in support of new scientific instruments, at higher priority even than many other features of the program
- The SUG recommended streamlining the proposing and development process that was used in the 2nd generation call, which was based on space missions
 - The Science Center strongly agrees and will advocate for a simpler process. This includes our offer to run an SI selection program, and the idea that some of the SOFIA-specific work to be done by the program rather than the SI development team.