RUTGERS
Center for Ocean Observing Leadership

Sequoia LISST Background Check-Out/Check-In

GLIDER: _____   **LISST:** _____   **DEPLOYMENT:** _____

How to Do a ZSCAT to collect background data

1. Obtain filtered Seawater and let sit out overnight to degas.
2. Cover LISST with black tape to create a chamber.
3. Slowly fill chamber with degassed FSW. Try not to create bubbles. Make sure chamber is not leaking.
4. Make sure there are no bubbles on the LISST sensor windows.
5. Cover the top of the chamber to make it dark.
6. Perform a zscat on the LISST to collect background data (u4stalk to LISST). Do 3 in a row that pass, and then save the zscat.
   > *consci, type proglets.dat,* look up uart and bit in proglets
   > *u4stalk uart 9600 bit*
   > *zs*
7. Turn on the LISST to collect an RBN file. (through glider)
   > *put c_science_on 1*
   > *put c_science_all_on_enabled 0*
   > *put c_science_send_all 1*
   > *put c_lisst_on 4*
   > *put c_science_on 3*
8. Wait a minute or two and then turn off the LISST
   > *put c_lisst_on -1*
9. Write down RBN file name displayed on screen (sci_lisst_rbn1_file)

Check-Out, Pre-Deployment		Check-In, Post-Deployment	
Date:		**Date:**	
Clean LISST windows use Lens Paper/Alcohol, don't scratch windows.	_____	Do NOT clean LISST windows.	_____
Perform ZSCAT (see above)	_____	Perform ZSCAT (see above)	_____
RBN file name	_____	RBN file name	_____
Once data saved off LISST, append to RBN filename: *_preMission_zscat*	_____	Once data saved off LISST, append to RBN filename: *_postMission_preCleaning_zscat*	_____
		Clean LISST windows use Lens Paper/Alcohol, don't scratch windows	_____
Notes:		Notes:	