



NSF Report



RVTEC Meeting

October, 2018

Jim Holik



FY 2019 Budget

- This time **this** year, we are in a Continuing Resolution until December 7
- Presidential budget included a ~10% reduction for NSF. Translates to about 36M reduction for OCE
 - **2018 Budget passed on March 23, 2018**
- **House and Senate budgets, however, include much smaller cuts (1-2%)**
NSF actually received a 4% increase
tech services, instrumentation and SSSE were flat
- House budget has no RCRV funding
Congress appropriated \$105.00M in FY 2018 for the continuing construction of three RCRVs





OCE Facilities

Budget planning for FY 19

➤ Most likely we (Tech Services/OI/SSSE) will be level funded.



➤ FY 2019 congressional appropriation reports identify additional funding for the third Regional Class Research Vessel

House: \$127M (completes project funding)

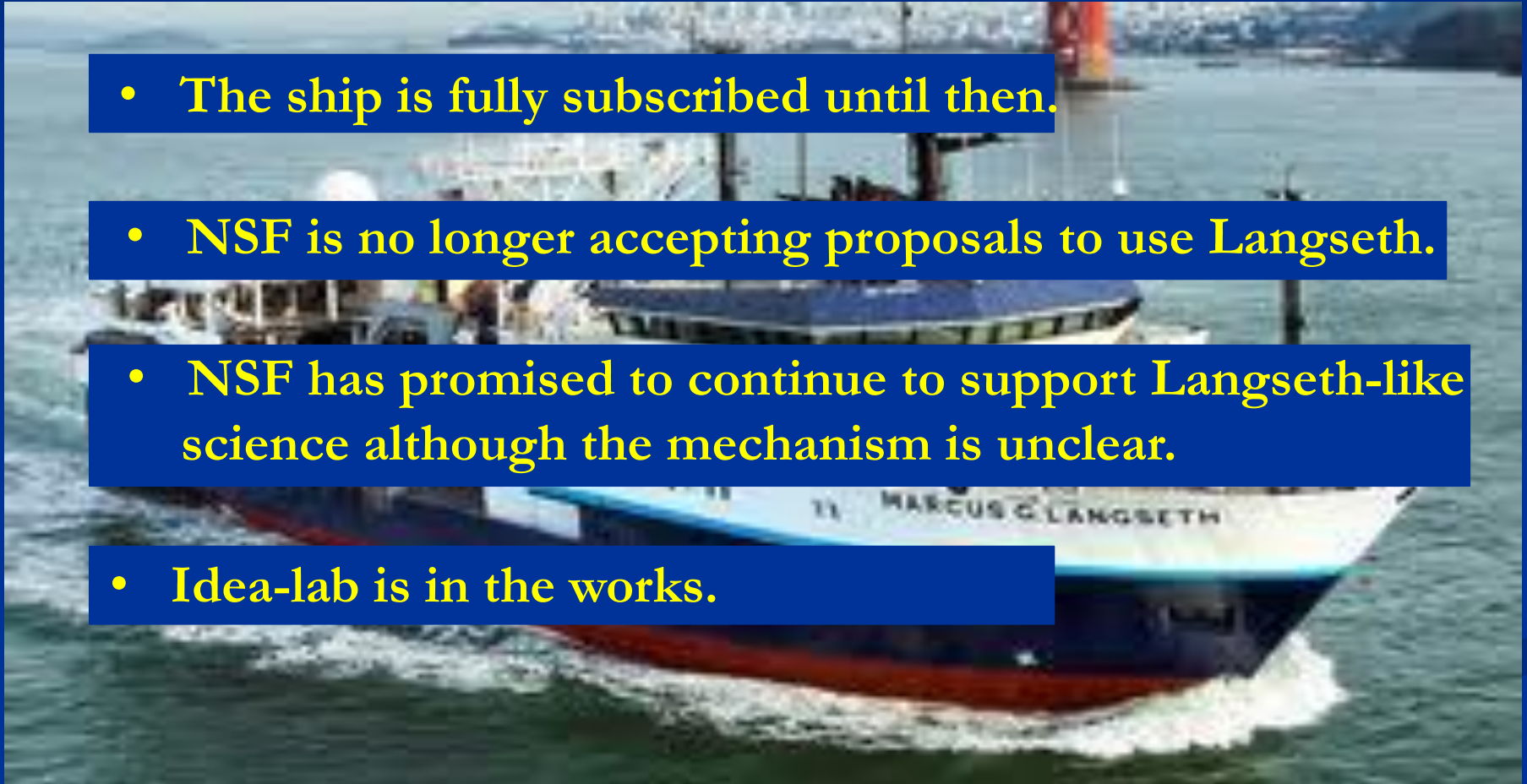
Senate: \$89M (sufficient to begin RCRV 3)



Developments since Duluth

NSF decided that Langseth will be retired in mid 2020

- The ship is fully subscribed until then.
- NSF is no longer accepting proposals to use Langseth.
- NSF has promised to continue to support Langseth-like science although the mechanism is unclear.
- Idea-lab is in the works.





Committee of Visitors (COV)

- The COV recommends the program survey the existing pool of technicians [tech pool] involved in these components to determine level of satisfaction with the scheme.

Alice will speak this in her talk

- The Committee supports this effort, and recommends the program should continue to provide support for 3-4 marine technicians on the ships when needed, particularly for cruises that rely on multiple sensor systems as core to the scientific mission.

Yay!! Now we all agree that we need a bigger technical footprint at sea. It would be nice if this recommendation came with a check. Seriously, however, it's a complicated issue involving funding levels and available bunk space.



- The COV recommends IPS consider completing the merger of the two programs (SSSE and OI) under a single element code. We do not recommend any reduction in the overall budget.

I am working on writing the new solicitation.

The new Program will be called Shipboard Scientific Instrumentation and Equipment (SSISE).



- The COV recommends the program continue to pursue means to increase bandwidth, and to efficiently manage use of individual scientists' computers, shipboard computers, and telepresence equipment in order to maximize the quality of the internet experience and ability of personnel on board to communicate with shore. The SatNAG group is an agile and knowledgeable team that can help address these issues.
- The COV recommends further guidance be provided to enable science party and crew on the vessels to minimize background Internet communication by services such as Dropbox, iCloud, Google drive, etc.