

Summary of 2020-2021 *Jason* Debriefs

Fornari et al. (March, 2021) – EPR

Young et al. (2021)* - GOM

Michel et al. (2021) - Guaymas

Kelley et al. (2021) – OOI, PNW Coast

* Not debriefed

Jason Debrief – Overview

Successful cruises with science objectives met

PreCruise, MOB, and DeMOB all went well.

Expedition Leaders were very good to “outstanding”

Across the board the JASON team was complimented

Many different science aims (fish samplers to instrument testing to OOI) were supported

Vehicles performed well throughout with minimal dive time lost due to issues.

USBL and navigation was superb (notably improved)

Minor challenges were encountered and solved by the JASON team throughout the cruises

Jason Debrief – Operational Issues and Equipment

Instrumentation: Slurp, ICLs, and the New Temperature Probe were temperamental

Alignment of the hydraulic ram was a challenge

Not all cruise data was delivered with clear headers and/or metadata.

It was a challenge to record different cameras than normally recorded (not common knowledge how to do this)

Logging system (Video and Data) is a steep learning curve and associated time lags can lead to mismatch in the observation and record.

Jason –Recommendations and Comments from users

Recommendations & Comments

- Importance of a Daily Communication Meeting with all involved was stressed (as a point of success)
- Cheat sheets to reduce initial cruise challenges for both data and video logging
- Training on camera use to science party (more cheat sheets)

Overall, cruise science tasks were accomplished and challenges were fixed by the JASON team rapidly