

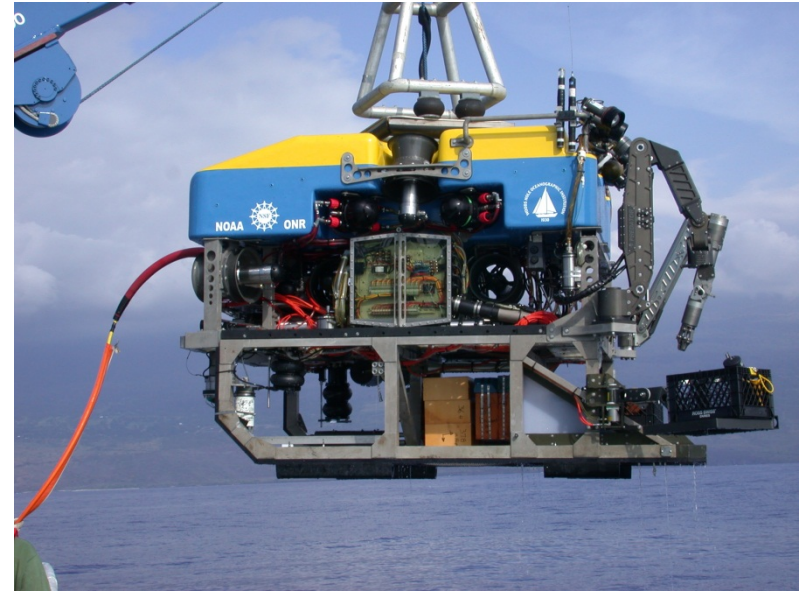


NDSF 2012 Vehicle Operations Summary



Jason Operations

- **155 funded days**
- **6 cruises completed**
Cayman Trough, North Pond, Barbados, Juan de Fuca, MAR
- **69 lowerings**
- **Longest: 37 hrs**
- **Average: 7.4 hrs**
- **Dives lost:**
10 to weather, 4 to vehicle problems, 3 to winch problems
- **730 hrs / 127 nautical miles covered**
- **Data total: 7.2TB**
- **Vessels used:** *Atlantis, Merian, Thompson, Langseth, Knorr*





Sentry Operations

- **67 funded days**
- **3 cruises completed**
Chile Triple Junction, Blake Ridge, SE of Hawaii
- **26 dives**
- **Longest: 28 hrs**
- **Average: 14 hrs**
- **Dives lost:**
1.5 to weather, 3 to vehicle problems, 1 to bottom entanglement
- **330 hrs / 806 km of survey**
- **Data total: ~ 9.5TB**
- **Vessels used:** *Melville, Okeanos Explorer, Ka'Imikai-O-Kanaloa*





Support Ships

R/V Thomas G. Thompson

- Difficult communication during mob/demob and difficult interactions with Guam port agents

R/V Melville

- Good operations

R/V Okeanos Explorer

- Leak in the lab damaged *Sentry* equipment; telepresence excellent!

R/V Ka'imikai-O-Kanaloa

- Excellent in good weather, but weather window a bit limited