

# Alvin de-brief summaries - 6/08

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Three cruises for 32 dives

All at EPR with ports in San Diego and Manzanillo

|            |          |     |
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| Millineaux | Nov 2007 | EPR |
| Van Damm   | Dec 2007 | EPR |
| Sievert    | Jan 2008 | EPR |

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## Pre-Cruise Planning:

All went very smoothly - mostly very experienced users

Not all of the information for interfacing user-provided sensors with Alvin systems that was sent through to the ship arrived

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## Mobilization/Demobilization:

Most gear loaded/unloaded in San Diego so no issues

Mixed reports on local agent - Good service but costs sometimes inflated over original agreed-upon price (not an NDSF issue but it impacts us)

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## Operations - Vehicle:

No failings that impacted science or otherwise

Port manipulator failed once but all dive objectives achieved and arm repaired by next day

Batteries performed excellent and science parties enjoyed good duration bottom times

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## Operations - NDSF Equipment:

LBL navigation already in place in most areas  
and worked well

DVL sometimes lost bottom lock - potentially  
due to rough topography at EPR

Elevator deployments worked well

Cameras worked beyond expectations

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## Operations - User Equipment:

Sensor packages were successfully interfaced to  
Alvin

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## Data hand-over:

All PIs satisfied with data hand-over

Still some problems with science party bringing  
the wrong type of DVDs

There was a problem with the Alvin duping  
station on one cruise