

# 300059 - DMO Support - RV David Packard

## Week 32

1. Kevin Gomes
  - a. Doug Conlin set up a Moxa on the GPS feed to the CTD machine so that it could be split out to multiple listeners. I wrote a python script and deployed it in a docker container on a VM on the ship and it's reading from the GPS and sending data to the AMQP messaging bus for the ODSS with an email backup if the VPN drops during the cruise (which is likely).
  - b. Bi-weekly meeting with folks on site to discuss networking and issues

## Week 24

1. Kevin Gomes
  - a. Working through ArcGIS Pro SDK to figure out how to upgrade ArcMapNav to ArcGIS Pro since old ArcGIS will no longer be supported after July.

## Week 23

1. Kevin Gomes
  - a. Set up Marine Traffic account for DMO ops (more work needed here)

## Week 22

1. Kevin Gomes
  - a. Bi-weekly meeting
  - b. Decision made on Marine Traffic plan, will get that ordered this week
  - c. Working on possibly using the Starlink dish's GPS as a source for tracking the Packard on the ODSS during its trip to its new home

## Week 16

1. Kevin Gomes
  - a. More work on the Redis store for LCM messages. Split messages into different logical 'databases' so it's easier to work with them.

## Week 2

1. Kevin Gomes
  - a. Weekly meeting to discuss issues and status updates.