

To Do

in progress

Determine max depth of field with 2/5 f-stop increments

  1

DK 

partially completed

follow up on fiber injectors with German company; purchase fiber injector based on Denis' input

  Oct 19  6  4



in progress

Figure out cooling solutions for running new laser on bench

  1

DK JE 

partially completed

Bound translation rate of 3DR based on functional requirements (size, z-res)

  1  1



in progress

Test Lytro camera to determine z-resolution of image stack



DK 

Skype with Raytrix for camera demo



AS 

Bring budgets to next meeting
(replicate system vs. raytrix)

AS

Get cooling fan to Jon for designing
laser heatsink

DK

use trello

C

find out if we can export notes to
email and take snapshots to upload
to project library



discuss laser safety issues at MBARI
with administration

C

DK

Ongoing

Test new AC/DCs with new laser

AS

Determine interface needs for a two-
axis galvo for 3DR

DK

Look into options for a function
generator board to drive/sync camera
and galvanometer

AS

Determine path forward using a galvanometer with DeepPIV



DK



Follow up with Knute after new Year about storing manip positions and/or hydraulic ram on the core vehicle for DeepPIV during midwater deployments



AS

JE



Alana will adopt trello.com

AS

partially completed

Find out how much color camera would cost with high speed filter



1

1



Completed

completed

Order 2 m patch cable with various core sizes (e.g., 12.5 and 25 microns)

1

DK

in progress

in progress

past due

completed

Follow up on IT1000 availability from the FOCE project



2

AS

C

completed

talk with ROV pilots about scanning preferences



1

AS



Purchases Needed Before Year-End

Pencil camera for laser sheet

Upcoming goals

Midwater Research Cruise

🕒 Dec 5

Benthic Research Cruise

🕒 Dec 19

