

DeepPIV DeepPIV @ MBARI ☆ Team Visible

To Do

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

💬 1 

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

👁️ ⌚ Oct 19 💬 6 📌 4

DK 

Figure out cooling solutions
for running new laser on
bench

👁️ 💬 1 **DK JE**

Test Lytro camera to
determine z-resolution of
image stack

👁️ **DK** 

Skype with Raytrix for
camera demo

👁️ 💬 1 **AS** 

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

AS

Get cooling fan to Jon for
designing laser heatsink

DK

discuss laser safety issues at

MBARI with administration
  Nov 9  2 **C** **DK**

call Terry and ask about 90% power beam diameter and actual beam size from lasers being shipped
DK

check out labor budget for 2D-3D
  1  1 

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

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

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Completed

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



use trello

C

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

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Purchases Needed Before Year-End

Pencil camera for laser sheet

Upcoming goals

Midwater Research Cruise

🕒 Dec 5

Benthic Research Cruise

🕒 Dec 19