

Jon Erickson

Week 52

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
- Out of Office

Week 51

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Week 50

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Week 49

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Week 48

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Week 47

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Week 46

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Week 45

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Week 44

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- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
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Week 43

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- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
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Week 42

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- 701145 - Penguin Hotspots
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
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Week 41

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- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
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Week 40

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
 - The EK80 electronics pressure cases are in. Q.C'd them, will leave them assembled in the lab.
 - The EK80 gimbal parts are in. I'll Q.C. them then assemble when I get back.
- 800139 - EyeRIS
 - Bits and pieces for the EyeRis nose assembly for LRAUV.
- 901217 - Chemical Sensor Program
 - ISUS-APEX: The pressure case parts necessary for buoyancy testing are in the shop queue.
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
 - Working on a thermister array design for vertical measurements.
- Overhead
- Out of Office

Week 39

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore

- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
- Out of Office

Week 38

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
 - Sending out the EK80 gimbal parts to GoProto. They will all be the PA12 material.
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
 - Test adapter for APEX from Union Tech in Water Clear.
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
 - Bits and pieces in the shop.
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
 - Finished a design for the 2kg drop weight.
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
- Out of Office

Week 37

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
 - Starting on the EK80 Gimbal pieces.
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
 - Waiting on some analysis from Amalga on the tubing failure values.
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
 - Still working on the drop weight assembly.
 - Will start the strain gauging of the composite tube as time allows.
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
- Out of Office

Week 36

- 300070 - DMO Support Ventana

- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
- Out of Office

Week 35

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
- Out of Office

Week 34

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
 - Paul R. is doing assembly on the strobes for the LRAUV version.
- 901217 - Chemical Sensor Program
 - Finished three pressure tests to failure for the ISUS-APEX carbon fiber tubes. All three failed within 200 psi. of each other at 4,400 psi.
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
 - Aaron is starting glue up on the strain gauges on one tube.
 - Working on the drop weight changes necessary to get a 2 kg. weight in.
- 902101 - LRAUV Technology Development and Fleet Operations

- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
 - Spent most of one day with Quest as part of tests to get on the Mars node.
- Out of Office

Week 33

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
 - Finished all the chassis assembly.
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
 - Pressure Testing the third item to failure.
 -
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
 - Still working on weight and balance. Meansre-design on sub-assemblies that we did not want to change. Chassis, VB system, Drop weight...
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
- Out of Office

Week 32

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
- Out of Office

Week 31

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots

- Finished the EK80 electronics chassis assembly, it's in the lab.
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
 - The second carbon fiber tube pressure test failed at 4,500 psi. Within 100 psi. Of the first test. One more to go.
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
 - Working on weight and balance incorporating the 1500m EyeRis Camera and Strobe.
 - The pressure tubes (Hulls) have arrived from Amalga. There's one in the LRAUV lab. Next step is strain gauges.
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
 - The heater experiment is running in the sea water lab. First results kinda match the thermal analysis.
- Overhead
- Out of Office

Week 30

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
 - EK80 electronics chassis is finished
 - Shop is just starting the matching pressure case.
- 800139 - EyeRIS
 - Design of 1500m camera case is finished
 - Design of 6,000m camera case is finished
- 901217 - Chemical Sensor Program
 - Pressure testing the second carbon tube.
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
 - Working on trim and ballast for the preliminary pressure hull and assembly.
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
- Out of Office

Week 29

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
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- 701145 - Penguin Hotspots
- 800139 - EyeRIS

- 901217 - Chemical Sensor Program
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Week 28

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
 - Finished the chassis for the EK80 electronics shield box.
- 800139 - EyeRIS
 - Working on design for 1,500 meter and 6,000 meter, EyeRis Camera pressure case.
- 901217 - Chemical Sensor Program
 - First Carbon fiber tube test. Failed at 4,400psi.
 - Proposals
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
 - Proposals
- 902010 - Mesopelagic LRAUV
 - Carbon Fiber PV tubes are shipped. The shop will make the test end caps from Aluminum bar stock, 4" thick.
 - Proposals
- 902101 - LRAUV Technology Development and Fleet Operations
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- Overhead
- Out of Office

Week 27

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore

- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
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- Overhead
- Out of Office

Week 26

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
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Week 25

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
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Week 24

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
 - Chassis and PV parts are in Fab.
- 800139 - EyeRIS
 - Waiting on parts for LRAUV assembly

- 901217 - Chemical Sensor Program
 - As soon as I can get back in the office we'll start pressure testing the ISUS-APEX housings. At least three tests to failure.
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
 - Integrating the new Thruster motor controller into Dp motor tube.
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
- Out of Office

Week 23

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
 - Electronics chassis and pressure case to go out for Fab.
- 800139 - EyeRIS
 - CJ Machine is re-making the strobe ring.
- 901217 - Chemical Sensor Program
 - ISUS-APEX: Have all the parts for pressure testing the carbon fiber cases. Three tests to failure.
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
 - Adapting LRAUV parts to the deep vehicle layout. Still waiting on AMALGA for the carbon tubes.
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
- Out of Office

Week 22

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV

- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
- Out of Office

Week 21

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
- Out of Office

Week 20

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
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Week 19

- 300070 - DMO Support Ventana
 - Light Bar.
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
 - Parts are coming in for the LRAUV assembly. The camera case is in pressure test.
- 901217 - Chemical Sensor Program

- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
 - Remote Laser head re-design. The fiber jackets are too stiff to make the bends inside.
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
 - Scaling up parts.
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
- Out of Office

Week 18

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
 - EK80 chassis re-design.
- 800139 - EyeRIS
 - Camera pressure case assembly - Pressure test
- 901217 - Chemical Sensor Program
 - Waiting on the tubes from Amalga.
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
 - Waiting on the tubes from Amalga
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
- Out of Office

Week 17

- 300070 - DMO Support Ventana
 - New light bar for Ventana. Bending moments.
- 300079 - DMO Support Rachel Carson
 - Checking Scott /Frank design for new container deck mounts.
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
 - Meetings to settle electrical noise issues. Final prints are waiting.
- 800139 - EyeRIS
 - Finally solved the strobe fit issues and have a polycarbonate dome design.
 - Have not pressure tested the camera case. Waiting on parts.
- 901217 - Chemical Sensor Program
 - Carbon fiber tubes to be delivered this week.
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling

- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
 - Waiting on the Carbon fiber tubes from Amalga.
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
 - Quest - is interested in pursuing a motorized subsurface mooring at MARS. Trying to scope that design.
- Out of Office

Week 16

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
 - Hand calcs for the M. Conway in support of the aquarium.
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
 - I think we've got a design to solve the electrical noise issues in the EK80 sonar electronics that we can actually build and fit in a Hydroid.
- 800139 - EyeRIS
 - Assembling the camera case. Will pressure test as soon as the handle/guard is done.
- 901217 - Chemical Sensor Program
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
 - Just meetings.
- Overhead
 - Spent one day tank testing with the Quest group and Craig Dawe for their Mars deployment.
- Out of Office

Week 15

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
 - Changing the internal chassis parts to fit Paul M. shielding design. Five parts/prints & lots of hardware.
- 800139 - EyeRIS
 - Solids and prints for EyeRis on LRAUV.
 - Solids design for a 6000m version.
- 901217 - Chemical Sensor Program
 - ISUS - APEX tubes from Amalga should be delivered next week. Then pressure Tests.
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV

- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
 - Finished a thermal model, just meetings now.
- Overhead
 - A second drawing check for MARS MVC
- Out of Office

Week 14

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
 - Modeling Paul's shield box for clearances in the pressure case.
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
 - Changing drive train sizes driven by Mag Coupling change.
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
 - Print check for MARS MVC
- Out of Office

Week 13

- 300070 - DMO Support Ventana
 - DJ's webex meeting with South Bay.
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
 - Assembling the LRAUV pressure case.
- 901217 - Chemical Sensor Program
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
 - Waiting on parts for the Particle Injector
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
 - Working on Jim Jenkins notes for anode calculations using DNV Standard.

- Checking Thermal design for MARS MVC (Craig Dawe).
- Out of Office

Week 12

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
 - Assembling the camera can
- 901217 - Chemical Sensor Program
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
 - Two days with Quest in the tank for the MARS node simulator. Never did find the ground fault.
- Out of Office

Week 11

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
 - We'll start assembly on the LRAUV camera case
- 901217 - Chemical Sensor Program
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
 - Assembly design for pressure test (heavy endcaps!)
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
 - Spent yesterday with Quest for a Mars connection test, Next Monday is a Test Tank wet test.
- Out of Office

Week 10

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS

- 901217 - Chemical Sensor Program
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
 - Particle injector pump parts into the shop this week.
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
 - P.O. for Carbon fiber pressure hull to Amalga Composites this week.
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
- Out of Office

Week 9

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
 - Waiting on LRAUV camera parts from the shop.
- 901217 - Chemical Sensor Program
 - Have proto-type boards for the spectrometer. On to test assembly.
 - Still waiting on Amalga to deliver the composite tubes for the pressure cases.
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
 - Waiting on a Quote from Amalga for the pressure hull tube.
 - Some re-design to allow for the larger size. (VB, Thruster motor, Drop Weight)
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
 - Finished a thermal model of the test setup. Need to get some parts fab'd before we start digging up mud.
- Overhead
- Out of Office

Week 8

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
 - Parts are still in the machine shop
- 901217 - Chemical Sensor Program
 - Waiting on Amalga for the composite tubes.
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling

- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
 - Waiting on a quote for the pressure hull tube - 13" DIA. x 40" long
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
 - Got a thermal model of the proposed layout to work. Will show it at the meeting.
- Overhead
- Out of Office

Week 7

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
- Out of Office

Week 6

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
 - ISUS_APEX: The new mandrel for the composite pressure cases has been delayed in manufacture. Amalga won't get it 'till the end of Feb.
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
 - Trying to come up with a test protocol and the hardware for the pressure case tubes (13 inch I.D. x 44 inches long).
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
 - Think I've found data to relate porosity and depth to thermal conductivity in marine sediments. Maybe i can actually create a thermal model for Chad's test setup.

- Overhead
- Out of Office

Week 5

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
 - The sop has started on the camera case parts.
- 901217 - Chemical Sensor Program
 - Still Rev'ing the ISUS probe parts(Luke's next batch is 75 !!)
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
 - Migrating VB system to MesoP, with a size change to the reservoir frm 1 liter to 2 liter. New Bellofram diaphragm & dimension changes to half the parts. Taking longer than I expected.
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
- Out of Office

Week 4

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
 - Ray's back in the shop so we'll get some headway on the camera case parts.
- 901217 - Chemical Sensor Program
 - Jerry comes in next week, I'll get him to fix the prototype spectrometer parts, then I can finish that test assembly.
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
 - Deep into migrating parts and assemblies from LRAUV to MesoP. There will be size changes for the VB and Drop Weight.
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
 - Zoom meeting. I'm going to have to go in next week and figure out how to do a thermal model of sediment. Have to dig up thermal properties for marine sediment. (forgive the pun).
- Overhead
- Out of Office

Week 3

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
 - Paul is deciding if he wants to pull the EyeRis pressure case from the shop queue, since they are still closed. This means farming it out to SIO, GoProto, or some other shop and paying for it.
- 901217 - Chemical Sensor Program
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
 - Working on the Buoyancy for the vehicle. Trading length for displacement and wall thickness, then VB system volume and drop weight mass.
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
 - Met on site with Knute, Frank, and Ian. Settled on a mod to fix the docking head. Frank has the solids and is cutting metal.
- Out of Office

Week 2

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson
- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
 - Still....
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
 - Working on the nose shell and tail shell mod's to make them fit and prove we can get all the sensors in place.
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
 - Meeting Knute finalize the mod's to the docking head. Not sure what I can do more than I've done already.
- Out of Office

Week 1

- 300070 - DMO Support Ventana
- 300079 - DMO Support Rachel Carson

- 300083 - DMO Support LRAUV
- 701145 - Penguin Hotspots
- 800139 - EyeRIS
- 901217 - Chemical Sensor Program
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901618 - Pelagic-Benthic Coupling
- 901809 - Deep Sea Bioinspiration
- 901913 - Demonstrating high-speed communication with a submerged AUV
- 902004 - Planktivore
- 902010 - Mesopelagic LRAUV
- 902101 - LRAUV Technology Development and Fleet Operations
- 902107 - Consequences of a Changing Ocean: Manipulative Microbiology Experiments at MARS
- Overhead
- Out of Office