

OSUG: Open-Source Underwater Glider Files

<u>GNU GENERAL PUBLIC LICENSE V3.pdf</u> This project uses the GPL v3 license for all software related to the glider. Adobe Portable Document Format - 78.20 kB - 10/21/2017 at 10:31	Download
<u>demo.ino</u> Arduino demo program for gliding forwards by descending and ascending ino - 2.79 kB - 10/14/2017 at 23:02	Download
<u>Calibration.ino</u> Arduino calibration program for calibrating the buoyancy trim of the glider ino - 2.51 kB - 10/14/2017 at 23:02	Download
<u>End caps.pdf</u> Endcap drilling guide Adobe Portable Document Format - 5.63 kB - 10/10/2017 at 22:58	Download
<u>Planetary gearbox.scad</u> scad - 8.97 kB - 10/14/2017 at 22:30	Download
<u>Control board v0.2.1 Gerber RS274X.zip</u> Zip folder containing gerber RS274X files for the control board PCB (generated using OSHpark's "OSHPark 2layer Eagle7.2.cam" cam job) x-zip-compressed - 147.84 kB - 10/15/2017 at 08:40	Download
<u>Buoyancy engine connector female Gerber RS274X.zip</u> Zip folder containing gerber RS274X files for the female pogo connector PCB (generated using OSHpark's "OSHPark 2layer Eagle7.2.cam" cam job) x-zip-compressed - 10.68 kB - 10/15/2017 at 08:42	Download
<u>Buoyancy engine connector male Gerber RS274X.zip</u> Zip folder containing gerber RS274X files for the male pogo connector PCB (generated using OSHpark's "OSHPark 2layer Eagle7.2.cam" cam job) x-zip-compressed - 11.54 kB - 10/15/2017 at 08:45	Download
<u>Control board v0.2.1 Gerber RS274X eagle.zip</u> Zip folder containing gerber RS274X files for the control board PCB (generated using Eagle's "gerb274x" cam job) x-zip-compressed - 143.67 kB - 10/15/2017 at 09:54	Download
<u>Buoyancy engine connector female Gerber RS274X eagle.zip</u> Zip folder containing gerber RS274X files for the female pogo connector PCB (generated using Eagle's "gerb274x" cam job) x-zip-compressed - 9.05 kB - 10/15/2017 at 09:53	Download
<u>Buoyancy engine connector male Gerber RS274X eagle.zip</u> Zip folder containing gerber RS274X files for the male pogo connector PCB (generated using Eagle's "gerb274x" cam job) x-zip-compressed - 10.02 kB - 10/15/2017 at 09:49	Download
<u>Control board v0.2.1 drill files.zip</u> Drill files for the control board PCB generated using Eagle's "Excellon" cam job. There are two files "DRI" (Drill Station Info File) and "DRD" (NC Drill File). x-zip-compressed - 1.38 kB - 10/15/2017 at 09:59	Download
<u>Buoyancy engine connector female drill files.zip</u> Drill files for the female pogo connector PCB generated using Eagle's "Excellon" cam job. There are two files "DRI" (Drill Station Info File) and "DRD" (NC Drill File). x-zip-compressed - 842.00 bytes - 10/15/2017 at 10:01	Download
<u>Buoyancy engine connector male drill files.zip</u> Drill files for the male pogo connector PCB generated using Eagle's "Excellon" cam job. There are two files "DRI" (Drill Station Info File) and "DRD" (NC Drill File).	Download

OSUG: Open-Source Underwater Glider Files

x-zip-compressed - 856.00 bytes - 10/15/2017 at 10:08	
<u>Control board v0.2.1.brd</u> brd - 257.94 kB - 10/14/2017 at 22:31	Download
<u>Buoyancy engine connector female.brd</u> brd - 24.67 kB - 10/14/2017 at 22:30	Download
<u>Buoyancy engine connector male.brd</u> brd - 23.04 kB - 10/14/2017 at 22:30	Download
<u>Control board v0.2.1.sch</u> sch - 568.98 kB - 10/14/2017 at 22:31	Download
<u>Buoyancy engine connector female.sch</u> sch - 28.09 kB - 10/14/2017 at 22:30	Download
<u>Buoyancy engine connector male.sch</u> sch - 24.03 kB - 10/14/2017 at 22:30	Download
<u>Planetary gearbox.stl</u> Standard Tesselated Geometry - 2.55 MB - 10/14/2017 at 22:31	Download
<u>Printed parts - Tail endcap shroud.stl</u> Standard Tesselated Geometry - 3.73 MB - 10/14/2017 at 22:31	Download
<u>Printed parts - Wing mount.stl</u> Print 2 Standard Tesselated Geometry - 981.33 kB - 10/14/2017 at 22:31	Download
<u>Printed parts - Pogo header slider mount.stl</u> Standard Tesselated Geometry - 2.99 MB - 10/14/2017 at 22:31	Download
<u>Printed parts - Nosecone.stl</u> Standard Tesselated Geometry - 7.17 MB - 10/14/2017 at 22:31	Download
<u>Printed parts - Syringe plunger back.stl</u> Standard Tesselated Geometry - 838.56 kB - 10/14/2017 at 22:30	Download
<u>Printed parts - Syringe plunger front.stl</u> Standard Tesselated Geometry - 574.50 kB - 10/14/2017 at 22:30	Download
<u>Printed parts - Syringe clamp front.stl</u> Standard Tesselated Geometry - 904.38 kB - 10/14/2017 at 22:29	Download
<u>Printed parts - Syringe clamp back.stl</u> Standard Tesselated Geometry - 904.77 kB - 10/14/2017 at 22:29	Download
<u>Printed parts - Engine endstop.stl</u> Standard Tesselated Geometry - 67.66 kB - 10/14/2017 at 22:29	Download
<u>Printed parts - Buoyancy engine motor mount.stl</u> Standard Tesselated Geometry - 2.44 MB - 10/14/2017 at 22:29	Download
<u>Printed parts - Pogo header front mount.stl</u> Standard Tesselated Geometry - 1.45 MB - 10/14/2017 at 22:29	Download
<u>Printed parts - Roll motor mount.stl</u> Standard Tesselated Geometry - 889.24 kB - 10/14/2017 at 22:29	Download
<u>Printed parts - Engine end connector.stl</u> Standard Tesselated Geometry - 1.15 MB - 10/14/2017 at 22:29	Download
<u>Printed parts - Fathom-S mounting bracket.stl</u> Standard Tesselated Geometry - 446.27 kB - 10/14/2017 at 22:28	Download
<u>Printed parts - Exterior bar mount.stl</u>	Download

OSUG: Open-Source Underwater Glider Files

Standard Tessellated Geometry - 306.33 kB - 10/14/2017 at 22:28	
Printed parts - Engine endcap mount.stl	Download
Standard Tessellated Geometry - 598.91 kB - 10/14/2017 at 22:28	
Printed parts - Pitch motor mount.stl	Download
Standard Tessellated Geometry - 1.87 MB - 10/14/2017 at 22:28	
Printed parts - Circuit rack endcap mount.stl	Download
Standard Tessellated Geometry - 977.04 kB - 10/14/2017 at 22:28	
Printed parts - Engine bearing fastener.stl	Download
Print 2	
Standard Tessellated Geometry - 185.24 kB - 10/14/2017 at 22:28	
Printed parts - Battery mount acme.stl	Download
Standard Tessellated Geometry - 1.15 MB - 10/14/2017 at 22:27	
Printed parts - Pixhawk mounting plate.stl	Download
Standard Tessellated Geometry - 132.99 kB - 10/14/2017 at 22:27	
Printed parts - Circuit rack end.stl	Download
Standard Tessellated Geometry - 541.68 kB - 10/14/2017 at 22:27	
Printed parts - Pogo header back mount.stl	Download
Standard Tessellated Geometry - 166.49 kB - 10/14/2017 at 22:27	
Printed parts - Buoyancy engine bearing plate.stl	Download
Standard Tessellated Geometry - 1.13 MB - 10/14/2017 at 22:26	
Printed parts - Cable chain nut holder.stl	Download
Standard Tessellated Geometry - 59.65 kB - 10/14/2017 at 22:26	
Printed parts - Pitch motor back plate.stl	Download
Standard Tessellated Geometry - 797.15 kB - 10/14/2017 at 22:26	
Printed parts - Acme motor connector.stl	Download
Standard Tessellated Geometry - 782.41 kB - 10/14/2017 at 22:26	
Printed parts - Battery rods cover.stl	Download
Standard Tessellated Geometry - 292.07 kB - 10/14/2017 at 22:26	
Printed parts - Battery mount bearings.stl	Download
Standard Tessellated Geometry - 1.25 MB - 10/14/2017 at 22:26	
Printed parts - GPS mounting plate.stl	Download
Standard Tessellated Geometry - 95.20 kB - 10/14/2017 at 22:26	
Printed parts - Battery mount connector.stl	Download
Standard Tessellated Geometry - 199.69 kB - 10/14/2017 at 22:26	
Printed parts - Acme bearing front.stl	Download
Standard Tessellated Geometry - 272.35 kB - 10/14/2017 at 22:25	
Printed parts - Acme bearing back.stl	Download
Standard Tessellated Geometry - 205.55 kB - 10/14/2017 at 22:25	