

Wave Glider SV3 HotSpot 1U Payload Box Drawing List		
Mechanical Drawings		
Drawing Number	Description	Model Filename
100221158-00-ASM	SV3 MBARI HotSpot top level assembly	100221158-00-ASM_SV3HotSpotAssembly.SLDASM
100221158-05-ASM	1U HotSpot payload box assembly	100221158-05-ASM_HotSpot_1U_Payload.SLDASM
100221158-06-ASM	HotSpot chassis assembly	100221158-06-ASM_HotSpot_1U_ChassisAssembly.SLDASM
100221158-07-DWG	Chassis SMC mounting plate	100221158-07_ChassisSMCPlate.SLDPRT
100221158-08-DWG	Connector backing plate	100221158-08_BackingPlate.SLDPRT
100221158-09-DWG	Chassis top plate	100221158-09_ChassisTopPlate.SLDPRT
100221158-10-DWG	Chassis Benthos modem bracket	100221158-10_BenthosBracket.SLDPRT
100221158-11-DWG	1U HotSpot payload box modifications	100221158-11_SV3_1_MPU_BOX_Modified.SLDASM
100221158-18-ASM	LF directional transducer WaveGlider skeg mount assembly	100221158-18_LFDirectionalFinAssembly.SLDASM
100221158-16-DWG	LF directional transducer mounting plate	100221158-16_LFDirectionalMountPlate.SLDPRT
100221158-19-DWG	LF directional transducer starboard fairing	100221158-19_StarboardLFDirectionalFairing.SLDPRT
100221158-20-DWG	LF directional transducer port fairing	100221158-20_PortLFDirectionalFairing.SLDPRT
100221158-21-DWG	LF directional skeg modifications	100221158-21_SV3_Skeg_PN05954_ModifiedLFDirectional.SLDPRT
100221158-22-ASM	WaveGlider skeg assembly - DAT transducer	100221158-22_DAT_SkegAssembly.SLDASM
100221158-15-DWG	DAT transducer mounting plate	100221158-15_DAT_MountPlate.SLDPRT
100221158-23-DWG	DAT transducer starboard fairing	100221158-23_StarboardDATTransducerFairing.SLDPRT
100221158-24-DWG	DAT transducer port fairing	100221158-24_PortDATTransducerFairing.SLDPRT
100221158-25-DWG	SV3 Skeg modified for DAT transducer	100221158-25_SV3_Skeg_PN05954_ModifiedForDAT.SLDPRT
100221158-26-DWG	AHRS modified mount plate for the Benthos DAT modem	100221158-26_AHRSMountPlate.SLDPRT
100221158-27-ASM	LF directional transducer WaveGlider well mount assembly	100221158-27_LFDirectionalWellAssembly.SLDASM
100221158-28-DWG	LF directional transducer well mount top mounting plate	100221158-28_LFDirectionalTopPlate.SLDPRT
100221158-29-DWG	LF directional transducer well mount clamp barrel	100221158-29_LFDirectionalClampBarrel.SLDPRT
10020997-00-ASM	WaveGlider antenna assembly	10020997-00-ASM_AntennaAssembly.SLDASM
10020997-01-DWG	Antenna mounting base part	10020997-01_AntennaBase.SLDPRT
10020997-02-DWG	Antenna base clamp piece	10020997-02_AntennaBase_Clamp.SLDPRT
10020997-03-ASM	Complete antenna base assembly	10020997-03_AntennaBaseAssembly.SLDASM
10020997-04-DWG	Lower glue ferrule for carbon tube	10020997-04_AntennaLowerFerrule.SLDPRT
10020997-04-DWG	Upper glue ferrule for carbon tube	10020997-05_AntennaUpperFerrule.SLDPRT
10020997-13-DWG	SV3 turtle deck for antenna mounting	10020997-13_SV3AntennaTurtleDeck.SLDPRT
Wave Glider SV3 HotSpot 1U Payload Box Drawing List		
Electrical Drawings		
Drawing Number	Description	Schematic Filename
100221158-00-SCH	Electrical System Diagram	HOTSPOT_SV3_PAYLOADBOX.DSN
100221158-01-SCH	Wiring Diagram	HOTSPOT_SV3_PAYLOADBOX.DSN
100221158-02-SCH	Acoustic modem connectors	HOTSPOT_SV3_PAYLOADBOX.DSN
100221158-03-SCH	CCU to payload cable	HOTSPOT_SV3_PAYLOADBOX.DSN
100221158-04-SCH	Transducer cable	HOTSPOT_SV3_PAYLOADBOX.DSN