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FSB120	August 20, 1999	Workhorse Battery Failure
FSB121	August 20, 1999	Workhorse Re-assembly
FSB122	August 31, 1999	TRANSECT Sound Speed Calculation Bug
FSB123	December 1, 1999	Workhorse Hardware Problem Causes Low Intensity/Percent-Good Values In Bin 1
FSB124	March 1, 2000	Narrowband ADCPs Real-Time Clock and Leap Years
FSB125	March 1, 2000	Ocean Surveyor Real-Time Clock and Leap Years
FSB126	April 7, 2000	NMEA External Heading with TRANSECT & VmDas
FSB127	May 17, 2000	Workhorse Sentinel Battery Pack Wing Nuts
FSB128	May 31, 2000	EB-Command
FSB129	June 26, 2000	Corrupted Data
FSB130	June 26, 2000	Corruption of Correlation and Percent Good Data
FSB131	August 9, 2000	WorkHorse Connector
FSB132	December 7, 2000	Pressure Sensor Insert
FSB133	February 26, 2001	WinRiver and the BR Command
FSB134	May 8, 2001	OS No Ping in Air
FSB135	May 9, 2001	Phase 5 Revision B, CPU
FSB136	May 22, 2001	Bottom Mode 5
FSB137	March 19, 2002	Waves Mode and the TF Command
FSB138	July 1, 2003	Long Ranger External Battery Housing
FSB139	April 26, 2004	Channel Master SDI-12 Communications
FSB140	May 3, 2004	WinADCP not Compatible with WinRiver
FSB141	May 17, 2004	StreamPro Label
FSB142	October 4, 2004	Channel Master Watchdog Timer Disable Jumper
FSB143	January 28, 2005	Channel Master SDI-12 Communication Problems
FSB144	August 29, 2005	Channel Master Pitch Matrix Values
FSB145	September 9, 2005	StreamPro Electronic Housing Hardware
FSB146	October 12, 2005	WorkHorse Firmware Hot Fix Update
FSB147	October 12, 2005	Channel Master Input Power
FSB148	December 12, 2005	WorkHorse CPU Configuration Loss Condition
FSB149	January 17, 2006	iPAQ 4700 Bluetooth Problems
FSB150	March 2, 2006	How to Turn Off the Windows Firewall
FSB151	March 15, 2006	Channel Master Clock Default
FSB152	March 28, 2006	Plastic Transducer Cable Connectors
FSB153	April 27, 2006	REMUS piston Firmware Quality Fix Update
FSB154	June 7, 2006	Explorer Time and Power Feature
FSB155	June 23, 2006	Channel Master fails to respond to a break

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FSB Number	Date	Description
FSB156	September 14, 2006	PlanADCP Power Estimations for Long Ranger ADCPs
FSB157	October 4, 2006	Ocean Surveyor/Observer RS-422 Interface
FSB158	October 6, 2006	Ocean Surveyor Orientation Advisement
FSB159	November 6, 2006	DeckBox - No 422 ports
FSB160	November 8, 2006	Installing Ocean Surveyor firmware 23.15
FSB161	November 20, 2006	StreamPro ADCP Communication Problem
FSB162	December 19, 2006	Explorer PT5 Electronic Test Threshold
FSB163	March 22, 2007	StreamPro Section-By-Section Insert Section Error
FSB164	May 11, 2007	Mode 12 Small Bin Low Velocity
FSB165	May 18, 2007	Creation of Multiple Files for a Unique Deployment on Sentinel FW16.xx
FSB166	August 6, 2007	WinADCP and the CQ Command
FSB167	August 20, 2007	WinH-ADCP Stops Working
FSB168	August 24, 2007	Workhorse Hardware Problem Causes Low Intensity/Percent-Good
FSB169	November 13, 2007	WavesMon V3.x When Used with Horizontal ADCPs
FSB170	December 1, 2007	Express ADCPs
FSB171	December 15, 2007	WorkHorse ADCPs and the WL Command
FSB172	December 15, 2007	WorkHorse ADCPs and the WU Command
FSB173	January 11, 2008	Rio Grande Biased Velocity Data
FSB174	February 25, 2008	Doppler Volume Sampler (DVS) Firmware Update
FSB175	March 21, 2008	WorkHorse ADCP Memory Card Format
FSB176	July 17, 2008	H-ADCP False Vertical Velocity and Invalid Bin Mapping
FSB177	September 18, 2008	NEMO USB Port Location
FSB178	October 14, 2008	Waves data collection fails to Recover
FSB179	October 20, 2008	NEMO EX Command
FSB180	October 20, 2008	Work Horse Faulty RDI Flash / RS-422 Firmware Upgrade
FSB181	January 18, 2010	Compass Heading is not Available
FSB182	November 07, 2008	Incorrect O-Rings in Spares Kit for 300/600 KHz 6Km ADCPs/DVLs
FSB183	February 3, 2009	OS/OO Magnetic Susceptibility
FSB184	March 25, 2009	NEMO - Wave Height Reference
FSB185	May 4, 2009	System Resets or Factory Loaded Information Loss or User Setup Loss – FW5x.32 & 5x.34
FSB186	May 12, 2009	Effect on Q for SP Depth Change
FSB187	June 22, 2009	BitsyXB Hardware causes Fault in Watchdog Timer in NEMO
FSB188	October 28, 2009	HADCP FW 11.09 and WavesMon 2x/3x
FSB189	January 19, 2010	Premature Deployment Stoppage
FSB190	February 23, 2010	StreamPro Firmware Installation
FSB191	April 29, 2010	StreamPro Compass Enable
FSB192	August 3, 2010	Updated Maintenance Procedures for Long Ranger and QuarterMaster ADCPs
FSB193	October 27, 2010	Set the Backup System Frequency in WorkHorse Firmware 16.xx or 5x.xx
FSB194	November 8, 2010	Preventing WorkHorse ADCP Battery Depletion

FSB Number	Date	Description
FSB195	February 17, 2011	CTDPro Not Fully Windows 7 Compatible
FSB196	February 28, 2011	Impulse Female Connectors
FSB197	March 7, 2011	DVS Phase I and Phase II Software
FSB198	May 11, 2011	DVS Phase I and Phase II Failures
FSB199	June 9, 2011	WorkHorse 1200/600 kHz Ringing
FSB200	Jun 9, 2011	WorkHorse 300 kHz 6000 meter System Ringing
FSB201	August 11, 2011	I/O Connector Lubricant
FSB202	August 16, 2011	Wrong Serial Cable Shipped
FSB203	September 26, 2011	NEMO Memory Leak
FSB204	December 15, 2011	Explorer DVL PD6 Incorrect Velocity Sign Convention
FSB205	May 3, 2012	Sentinel V Underestimated Power Consumption Calculation – FW47.09
FSB206	June 15, 2012	Sentinel V ADCP Data Collection Issues
FSB207	July 11, 2012	RiverRay Depth and Discharge Error for FW Version 44.13 and earlier
FSB208	August 20, 2012	End Cap Connector Failures
FSB209	March 27, 2013	ExplorerDVL Stops After One Ping
FSB210	May 31, 2013	WorkHorse Shortened Deployments
FSB211	July 15, 2013	PAVS/Pioneer DVL has inconsistent Water Track output format from WorkHorse DVL
FSB212	August 12, 2013	Sentinel V ADCP Magnetic Variation Correction (Heading Bias)
FSB213	August 13, 2013	VmDas Communications Timeout with WorkHorse ADCPs
FSB214	August 22, 2013	WavesMon Correct for Tilts Setting
FSB215	September 5, 2013	300 kHz WorkHorse with 3x Battery Pack PIO Failure
FSB216	September 13, 2013	HydroCO2/HydroCH4 with Bluetooth serial drivers
FSB217	October 25, 2013	WorkHorse ADCPs Report Incorrect Depth/Pressure by Half
FSB218	November 27, 2013	Sentinel V Recorder Issue
FSB219	January 27, 2014	Sentinel V Shorten Data Deployment
FSB220	May 13, 2014	ExplorerDVL Fails PT7 in the PA Command
FSB221	December 11, 2014	PAVS DVL – Incorrect vertical bias correction in 3-Beam solutions
FSB222	December 15, 2014	OS/OO Duty Cycle
FSB223	June 3, 2015	Sentinel V - Ready V Plan Export Issue
FSB224	July 17, 2015	Sentinel V Firmware
FSB225	August 24, 2015	Critical Velocity Software Update
FSB226	January 5, 2017	DVS Systems Upgrade
FSB227	August 20, 2015	DVS Deployments Using the Delayed Start Feature
FSB228	January 18, 2016	ChannelMaster SDI-12 Personality Module
FSB229	February 22, 2016	Sentinel V Temperature Sensor
FSB230	February 10, 2016	Oceanscience Hydrolink Radio Shore Battery Cable
FSB231	February 10, 2016	Oceanscience Floats with Six Inch Deck Hatches
FSB232	February 5, 2016	Citadel CTD-N Deployment Start Offset
FSB233	August 1, 2016	NEMO Serial Port Protection Cable

FSB Number	Date	Description
FSB234	March 3, 2016	Explorer DVL PC2 Test Input Voltage
FSB235	March 29, 2016	End-Cap Connector Failures on Sentinel V
FSB236	May 3, 2016	Explorer DVL loss of bottom track and communication
FSB237	September 9, 2016	RapidCAST Control Module Buzzer & Strobe Light Activating Simultaneously
FSB238	November 15, 2016	CTD-ES/ER Reports Incorrect Day When Setting the Date
FSB239	November 17, 2016	Power Supply Noise Causes False Touch Sensor Activations
FSB240	January 27, 2017	Sentinel V Touch Sensor Capacitor
FSB241	March 29, 2017	Low Backscatter Water with the WH Long Ranger and Quarter
FSB242	April 10, 2017	RapidCAST Control Module - Manual Control Joystick Wires Pressed against Auxiliary Power Supply
FSB243	September 14, 2017	Oceanscience Q-Boat Rio Grande Mount Leak
FSB244	March 8, 2018	Sentinel V Recommended Cell Size and Number of Cells
FSB245	July 12, 2019	Channel Master SDI-12 Module Update
FSB246	November 25, 2020	Quartermaster 150 ADCP Power Consumption
FSB247	December 29, 2020	rapidCAST Motor Controller Firmware
FSB248	September 9, 2021	Sentinel V starts pinging before the specified deployment date
FSB249	October 22, 2021	Pioneer/Tasman can't bottom track past ~20m (or possible less)
FSB250	April 22, 2022	Loading WH1 Pressure Sensor Coefficients into WH2 board stack
FSB251	August 3, 2023	Workhorse-RE 300 kHz transmit failure in air
FSB252	September 25, 2023	RiverRay and RiverPro mounting hole depth discrepancy
FSB253	May 1, 2024	Workhorse-RE board level power interruptions
FSB254	August 30, 2024	StreamPro 1-wire compatibility issue