

FAN 2017-323-FA
 Subfan BIM01
 Calendar Date 06/02/2017-6/14/2017
 Location Bicm II
 Vessel RV Sallenger

Personel

Andy Farmer
 Jim Flocks
 Jake Fredericks

Instruments

Type

Odom CV100 Echart 1.4
 Proflex800-8 SN:201518009, Firmware: S845KI27
 Tss-DM25
 Edgetech 424: Discover 4.09
 CTD-1 JD153-163
 ValportSwift JD164
 CTD-4 JD165

Day (DOY)	Time		Hypack (.raw)	Chirp(.segy)	SVP(.txt)	Comments/Targets
	Time SOL(UTC) HHMMSS	EOL(UTC) HHMMSS				
153_2017						Echart is not displaying waterfall: viewing in Hypack
153_2017	1600					Leave dock
153_2017	1700					at lock
153_2017	1845					onsite: seas 1-2ft
153_2017						refuel skis
153_2017						fix max's battery
153_2017	1920				svp1	E590259.93 N3271154.20
						Gain 220: Power 2: Freq 200: pulse 20: tvlg
						curve 20log: tvlg step .25: threshold 10%: min
						gate width 20%
153_2017	1930	72_1929		L72		
153_2017	1947	72_1947		L72_2		
153_2017	2020				svp2	E592963.59 N3272411.49
153_2017	2025					Pull gear, wait for WVR's
153_2017	2030					heading back to lock
153_2017	2130					back at lock
153_2017						***GPS RAW DID NOT RECORD***
153_2017	2214					Back at marina

Day (DOY)	Time		Hypack (.raw)	Chirp(.segy)	SVP(.txt)	Comments/Targets
	Time SOL(UTC) HHMMSS	EOL(UTC) HHMMSS				
						Echart issue fixed (window was minimizing upon opening)
154_2017	1425					Leave Marina
154_2017						Max: WVR1 vegetation stuck in impeller
154_2017	1439					WVR1 fixed, heading out.
154_2017	1456					at lock
154_2017	1513					Through lock and heading to Marsh Island site
154_2017	1625					Onsite:
154_2017	1627				svp3	E592235.76 N3267238.51
154_2017						Generator is hiccuping
154_2017						Generator failed, then started again.
154_2017	1653	72_1653	L72			Running Line 72 again (control)
154_2017	1719	70_1719	L70			Line 70 out
154_2017	1752	69_1752	L69			Continued 70 out to start of 69
154_2017	1802				svp4	E592498.59 N3267433.83
154_2017	1804	69_1804	L69_2			run line 69 in
154_2017	1835	68_1835	L68			Line 68 out
154_2017	1900					Went to gas ski's: Pull Chirp and lift USM
154_2017	1950					Drop USM
154_2017	1951				svp5	
154_2017	1952	63_1952				Running Line 63 off shore (partial with no Chirp)
154_2017	2018					Pull gear to meet with wvr and head in
154_2017	2040					heading back to lock
154_2017	2136					back at lock
154_2017	2215					Back at marina

Day (DOY)	Time SOL(UTC) HHMMSS	Time		Hypack (.raw)	Chirp(.segy)	SVP(.txt)	Comments/Targets
		EOL(UTC) HHMMSS					
155_2017	1450						Leave Marina
155_2017	1545						through lock and heading to gulf side of L161
155_2017	1550						Drop USM: Seas 2-3' short period
155_2017	1552					svp6	E566259.79 N3263636.70
155_2017	1602		161_1602	N/A			Not runnign Chirp: in
155_2017	1623		159_1623	N/A			out
155_2017	1657		157_1657	N/A			
155_2017	1732		156_1732	N/A			
155_2017	1801		155_1801	N/A			
155_2017	1830		154_1830	N/A			out
155_2017	1835					svp7	
155_2017	1859		153_1859	N/A			
155_2017	1926		152_1926	N/A			out
155_2017	1953		151_1953	N/A			in
155_2017	1958					svp8	
155_2017	2026		106_2026	L106			deploy chirp (shore par)
155_2017	2108						Pull gear and head in.
155_2017	2112					svp9	
155_2017	2113						heading back to lock
155_2017	2214						Back at marina
Day (DOY)	Time SOL(UTC) HHMMSS	Time		Hypack (.raw)	Chirp(.segy)	SVP(.txt)	Comments/Targets
		EOL(UTC) HHMMSS					
156_2017	1330						Leave Marina
156_2017	1415						at lock
156_2017							head offshore to line 107 (shore par)
156_2017	1430						Onsite: drop usm
156_2017	1435					SVP10	E565883.39 N3263080.35
156_2017	1438		107_1438	L107			
156_2017	1522		107_1522	L107_2			
156_2017	1532					svp11	E572337.5 N3263436.83
156_2017	1532		150_1532	L150			
156_2017	1559		149_1559	L149			
156_2017	1628		148_1628	L148			
156_2017	1649					svp12	E573207.17 N326679.44
156_2017	1703		147_1703	L147			
156_2017	1731						pull chirp and pick up wvr riders (storm)
156_2017	1749		184_1749	N/A			slow run with wrvs in storm (crossings)
156_2017	1911		148_1911	N/A			Still putting around towing ski's
156_2017	1941						runnign ski's to lock
156_2017	2007		107_2007	L107_3			Back surveying:picked up line107
156_2017	2007					svp13	E571760.00 N3264532
156_2017	2031		145_2031	N/A			looping south to start of line 145
156_2017	2036		145_2036	L145			
156_2017	2059		146_2059	L146			Good chirp down to 7-10ms at end of line: 4-20kHz 5ms
156_2017	2101					svp14	E574361.06 N3268716.54
156_2017	2137					svp15	E574148.73 N3264691.04
156_2017	2137						Pull gear and head in.
156_2017	2215						Back at marina

Day (DOY)	Time SOL(UTC) HHMMSS	Time		Hypack (.raw)	Chirp(.seggy)	SVP(.txt)	Comments/Targets
		EOL(UTC) HHMMSS					
157_2017	1420						Leave Marina
157_2017	1450						at lock
157_2017	1512						drop gear
157_2017	1514					svp16	E575455.86 N3264759.79
157_2017	1516		144_1516	L144			
157_2017	1541		106_1541	L106a			
157_2017	1547		143_1547	L143			
157_2017	1609		142_1609	L142			
157_2017	1634		106_1634	L106b			
157_2017	1640		141_1640	L141			
157_2017	1643					svp17	E576652.92 N3269161.68
157_2017	1702		140_1702	L140			
157_2017	1728		106_1728	L106c			
157_2017	1733		139_1733	L139			
157_2017	1755		138_1755	L138			weeds on chirp: File 138.001
157_2017	1756					SVP18	E577918.93 N3266701.33
157_2017	1823		106_1823	L106d			
157_2017	1827		137_1827	L137			
157_2017	1850		136_1850	L136			
157_2017	1923					svp19	E579133.54 N3270599.09
157_2017	1925		106_1925	L106e			
157_2017	1929		135_1929	L135			
157_2017	1951		134_1951	L134			
157_2017	2019						Fuel wvr
157_2017	2032		106_2032	L106f			
157_2017	2037		133_2037	L133			
157_2017	2059		107_2059	L107			
157_2017	2101					svp20	E580753.44 N3268050.50
157_2017	2147						end of day: pull gear
157_2017	2151					svp21	E574457.76 N3265586.17
							heading in

Day (DOY)	Time SOL(UTC) HHMMSS	Time		Hypack (.raw)	Chirp(.seggy)	SVP(.txt)	Comments/Targets
		EOL(UTC) HHMMSS					
158_2017	1410						Leave Marina
158_2017	1437						at lock
158_2017	1533						onsite: marsh island line 1:
158_2017							Fuel wvr
158_2017							Drop USM
158_2017	1555					svp22	E593063.29 N3273524.90
158_2017	1555		001_1555	L1			
158_2017	1658					svp23	E596031.69 N3266399.06
							Very shallow line 1 near diamond reef. Might
158_2017	1715						need to go and re-digitize bottom on odom.
158_2017	1810						Go around Jackup barge
158_2017	1902					svp24	E610908.51 N3258433.76
158_2017	1921		001_1921	L1.003			continuing on line 1
158_2017	2036					svp25	E621295.04 N3259551.21
158_2017	2037						end of line 1 pull gear
							head to find wvr and refuel

Day (DOY)	Time		Hypack (.raw)	Chirp(.seg)	SVP(.txt)	Comments/Targets
	Time SOL(UTC) HHMMSS	EOL(UTC) HHMMSS				
159_2017	1410					Leave Marina
159_2017	1627					at landward part of line 5
159_2017	1628					Drop USM
159_2017	1632				svp26	E620196.94 N3262013.82
159_2017	1634	005_1634	L5			
159_2017	1659	006_1659	L6			
159_2017	1727	003_1727	L3a			
159_2017	1731	007_1731	L7			
159_2017	1757	008_1757	L8			
159_2017	1825	003_1825	L3b			
159_2017	1830			svp27	E618191.49 N3261238.56	
159_2017	1829	009_1829	L9			
159_2017	1858	010_1858	L10			
159_2017	1925	003_1925	L3c			
159_2017	1930	011_1930	L11			
159_2017	1952	012_1952	L12			
159_2017	2020	003_2020	L3d			
159_2017	2026	013_2026	L13			
159_2017	2051			svp28		
159_2017	2055					Pull gear
159_2017	2110					fueled up tvee
159_2017	2130					head home

Day (DOY)	Time		Hypack (.raw)	Chirp(.seg)	SVP(.txt)	Comments/Targets
	Time SOL(UTC) HHMMSS	EOL(UTC) HHMMSS				
160_2017	1405					Leave Marina
160_2017						Onsite:
160_2017	1700				svp29	E604953.21 N3264941.16
160_2017	1701	002_1701	L2a			
160_2017	1707	041_1707	L41			
160_2017	1732					fix max's computer and oil
160_2017	1847					head back to line 40
160_2017	1912			svp30	E604822.01 N3261322.42	
160_2017	1914	040_1914	L40			
160_2017	1940	002_1940	L2b			
160_2017	1945	039_1945	L39			
160_2017	2015	38_2015	L38			
160_2017	2045	002_2045	L2c			
160_2017	2053	037_2053	L37			
160_2017	2119	036_2119	L36			stopped chirp early: shallow
160_2017	2148	002_2148				
160_2017	2156			svp31	E607994.7 N3263231.19	
160_2017	2206					heading in

Day (DOY)	Time		Hypack (.raw)	Chirp(.seg)	SVP(.txt)	Comments/Targets
	Time SOL(UTC)	EOL(UTC)				
	HHMMSS	HHMMSS				
161_2017	1405					Leave Marina
161_2017	1551					Seas 2-4
161_2017	1558		161_1558	N/A		Not running Chirp:
161_2017	1602				svp32	E566686.1 N3263313.9
161_2017	1632		106_1632	N/A		
161_2017	1639		163_1639	N/A		
161_2017	1703		165_1703	N/A		
161_2017	1706				svp33	E565077.5 N4362374.5
161_2017	1740		105_1740	N/A		
161_2017	1751				svp34	E563528.3 N3266602.0
161_2017	1750		167_1750	N/A		
161_2017	1818		169_1818	N/A		
161_2017	1847		105_1847	N/A		
161_2017	1856				svp35	E561503.7 N3267105.3
161_2017	1855		171_1855	N/A		
161_2017	1927		173_1927	N/A		
161_2017	1932				svp36	E560478.3 N3263477.5
161_2017	1954		105_1954	N/A		
161_2017	2001		175_2001			
161_2017	2007			L175		Chirp in water
161_2017	2029		177_2029	L177		
161_2017	2059		105_2059	L105a		
161_2017	2102				svp37	E558627.5 N3267489.3
161_2017	2109		179_2109	L179		
161_2017	2135					Pull gear
161_2017	2142					heading back to lock
Day (DOY)	Time		Hypack (.raw)	Chirp(.seg)	SVP(.txt)	Comments/Targets
	Time SOL(UTC)	EOL(UTC)				
	HHMMSS	HHMMSS				
162_2017	1430					Leave Marina
162_2017	1625					Onsite: Not running Chirp
162_2017	1629				svp38	E580951.8 N3268181.7
162_2017	1631		132_1631	N/A		Seas 2-4
162_2017	1652		106_1652	N/A		
162_2017	1703		130_1703	N/A		
162_2017	1705				svp39	E582345.8 N3271853.3
162_2017	1724		128_1724	N/A		
162_2017	1727				svp40	E582448.8 N3268500.1
162_2017	1749		106_1749	N/A		
162_2017	1756		126_1756	N/A		
162_2017	1813		124_1813	N/A		Seas 2-4
162_2017	1835		106_1835	N/A		
162_2017	1841		122_1841	N/A		
162_2017	1842				svp41	E586136.3 N3272206.5
162_2017	1900		120_1900	N/A		
162_2017	1904				svp42	E586759.3 N3268745.8
162_2017	1924		106_1924	N/A		
162_2017	1931		118_1931	N/A		
162_2017	1948					Head over to fuel WVR
162_2017	1949		118_1949	N/A		
162_2017	2024		116_2024	N/A		
162_2017	2032				SVP43	E589121.4 N3269157.6
162_2017	2046		106_2046	N/A		
162_2017	2052		114_2052	N/A		Seas 2-4
162_2017	2110			`		End Survey
162_2017	2113				svp44	E590239.4 N3268654.7
162_2017	2247					Back at marina

Day (DOY)	Time		Hypack (.raw)	Chirp(.seg)	SVP(.txt)	Comments/Targets
	Time SOL(UTC) HHMMSS	EOL(UTC) HHMMSS				
163_2017	1410					Leave Marina
163_2017	1446					at lock
163_2017	1535					Drop USM
163_2017						onsite: seas 2-3ft
163_2017						Not running Chirp
163_2017	1539				SVP45	E580191.05 N3268262.51
163_2017	1540	107_1540	N/A			
163_2017	1611	107_1611	N/A			
163_2017	1627				svp46	E589440.05 N3269143.13
163_2017	1639	107_1639	N/A			
163_2017	1651				svp47	E592543.14 N3268900.08
163_2017	1645	109_1645	N/A			
163_2017	1713				svp48	E592542.87 N3272601.66
163_2017	1716	110_1716	N/A			
163_2017	1743	111_1743	N/A			
163_2017	1809	112_1809	N/A			
163_2017	1835	113_1835	N/A			
163_2017	1839				svp49	E5905022.43 N3268836.93
163_2017	1857	114_1857	N/A			
163_2017	1919				svp50	E590103.99 N326832.74
163_2017						runnign to lock pick up line108 shore perp
163_2017						heading west
163_2017	2008				svp51	E566499.34 N3263837.64
163_2017	2011	108_2011	N/A			
163_2017	2050	174_2050	N/A			
163_2017	2059				svp52	E559485.22 N3264241.40
163_2017	2116				svp53	E560156.30 N32676.37
163_2017	2120					Pull gear and head in.

Day (DOY)	Time SOL(UTC) HHMMSS	Time EOL(UTC) HHMMSS	Hypack (.raw)	Chirp(.seg)	SVP(.txt)	Comments/Targets
164_2017	1430					Leave Marina
164_2017						Onsite: Not running Chirp
164_2017	1545		105_1545	N/A		castaway not working switching to Valport
164_2017						Swift
164_2017	1552		176_1552	N/A		
164_2017	1553				svp54	E559156.05 N3267376.34
164_2017	1613		178_1613	N/A		
164_2017	1619				svp55	E557513.12 N3264079.07
164_2017	1640		105_1640	N/A		hypack crashed at the very end of line (50m left)
164_2017	1646		180_1646	N/A		
164_2017	1708		181_1708	N/A		
164_2017	1710				svp56	E556035.76 N3264310.60
164_2017	1730		105_1730	N/A		
164_2017	1735		182_1735	N/A		
164_2017	1736				svp57	E556172.88 N3267913.74
164_2017	1756		183_1756	N/A		
164_2017	1816		105_1816	N/A		
164_2017	1826				svp58	no hypack target
164_2017	1827					Pull gear to fuel wvr
164_2017	1855					Deploy usm: line 208
164_2017	1858				svp59	E543923.40 N3271184.55
164_2017	1902		208_1902	N/A		seas building: 2-4 rollers
164_2017	1932				svp60	E543932.57 N3267001.84
164_2017	1926		207_1926	N/A		
164_2017	1949		105_1949	N/A		
164_2017	1956		206_1956	N/A		
164_2017	2019		205_2019	N/A		
164_2017	2025				svp61	E544959.66 N3266991.29
164_2017	2041		105_2041	N/A		
164_2017	2047		204_2047	N/A		
164_2017	2108		203_2108	N/A		
164_2017	2112				svp62	E545834.96 N3266783.76
164_2017	2132				svp63	E546242.5 N3270354.44
164_2017						Pull gear
164_2017						go recover wvr
164_2017						head in
164_2017	2330					Back at marina

Day (DOY)	Time		Hypack (.raw)	Chirp(.seg)	SVP(.txt)	Comments/Targets
	Time SOL(UTC) HHMMSS	EOL(UTC) HHMMSS				
165_2017	1355					Leave Marina
	1450					Use Castaway-CTD-4
	1454				svp64	Onsite: Not running Chirp
	1456	108_1456	N/A			E559637.13 N3264644.75
	1527				svp65	E553035.90 N3266354.67
	1528	108_1528	N/A			
	1601	108_1601	N/A			
	1603				svp66	E545900.53 N3267662.28
	1619	209_1619	N/A			
	1627				svp67	E542959.71 N3267169.52
	1645	105_1645	N/A			
	1705	202_1705	N/A			
	1707				svp68	E546937.95 N3270154.89
	1725	201_1725	N/A			
	1747	105_1747	N/A			
	1753	200_1753	N/A			
	1812	199_1812	N/A			
	1816				svp69	E547728.78 N3266304.41
	1834	105_1834	N/A			
	1841	198_1841	N/A			
	1859	197_1859	N/A			very weak return at beginning of line: few drop outs...
	1922	105_1922	N/A			
	1928	196_1928	N/A			
	1929				svp70	E549805.08 N3269625.75
	1949				svp71	E549124.85 N3266253.10
	1950					Pull gear
	1954					heading in