

Underway CHIRP Log

Jday	GMT	Local day	Local time	Line name	Ping Number	Output file name	Watchstander Notes
		4/24/2021	13:50		308	1500 TS308	SOL 308
			14:00		308	4700	record is very noisy. Bringing back on deck to check connections. EOL 308
			14:48	308b		1500 TS308b	Looking ok now. SOL 308b
			15:13			8100	edge of very deep estuarine channel (17 m below seafloor, max 19 m)
			15:21			10650	other edge of deep estuarine channel
			15:21			11000	edge of valley
			15:26			12550	deep estuarine channel (17 m)
			15:51			20200	edge of deep estuarine channel
			15:58			22870	edge of valley
			16:06			24640	edge of valley
			16:46			24690	deep estuarine channel
			17:44			53400	terrace
			20:38				at end of line but will continue to record while we deploy sparker
			20:53			110800	
			20:54		307	110950 TS307	SOL 307; collecting data in the turns
		4/25/2021	2:52			218200	EOL 307
			3:08		306	230 TS306	SOL 306; restarted chirp because it was looking weird again and it started acting up
			3:14		306b	1940 TS306b	SOL 306b; restarted the line because something is happening with baby chirp
			3:19				stopped recording chirp isn't happy
			3:31		306c	210 TS306c	SOL 306c
			3:41				stopped recording again
			5:50		306d	1700 TS306d	SOL 306d
			6:17			10500	Edge of Valley
			7:15		306	31600	20 kt wind built up seas to choppy froth; pulling chirp
			13:51		305	970 TS305	SOL 305
			19:31		305	102600	EOL
			20:06		401	113250 TS 401	SOL 401
			20:16				stopped recording and rebooting the computer
			20:19	401b		116710 TS 401b	still recording but something is wrong with baby chirp :(
			22:09			149800	EOL 401b
			22:35		402	157370 TS402	SOL 402
		4/26/2021	0:18			189000	EOL 402
			0:36		403	194000 TS403	SOL 403
			2:02			219600	EOL 403
			4:08		405	6190 TS405	SOL 405; baby chirp is back!!
			5:30		405	30000	valley edge
			5:34			32150	EOL 405
			5:49		406	36450 TS406	SOL 406
			6:00			39985	edge of valley
			7:28			66137	EOL 406
			16:40		407	550 TS407	SOL 407
			17:03			6878	edge of valley
			17:03				noisy data
			17:06				stopped recording and shut down system to troubleshoot
							powered up, looks good. Started recording; didn't set output file name so note weird
							long number automatically assigned; still getting pulses of bad data that seem to be in
			17:08			25	20210426211702 sync with sparker firing
			17:16			2170	lowered chirp 1 m to avoid sparker interference
			18:28			23820	EOL 407
			18:51		408	30880 TS408	SOL 408
			20:39			63300	EOL 408
			20:44		409	64690 TS409	SOL 409

4/27/2021	20:59 409b		85 TS409b	SOL 409b
	21:04 409c		110 TS409c	SOL 409c
	22:43		29760	EOL 409c
	22:44	309	29900	SOL 309
	22:55 309b		110 TS309b	SOL 309b
	23:28			EOL 309b; chirp is fuzzy, restarted
	23:29 309c		100 TS309c	SOL 309c
	23:50 309d		5848 TS309d	SOL 309d; baby chirp is fuzzy again so we restarted
	23:57 309e		95 TS309e	SOL 309e
	0:09		3850	EOL 309e; turning chirp off to give it a break
	0:58	310	120 TS310	SOL 310
	2:46		32420	EOL 310
	3:02	311	100 TS 311	SOL 311
	5:03		36550	EOL 311
	5:17	312	70 TS312	SOL 312
	7:00		31000	edge of valley
	7:03		33300	Tributary
	7:14		35500	EOL 312
	7:35	313	15	SOL313
	7:41		1400	tributary
	7:44		1900	tributary
	7:45		2200	main tributary edge
	7:52		4600	main tributary edge
	8:20		12600	valley edge
	9:57		41800	EOL 313
	10:11		100 TS314	SOL 314
	10:15		1400	edge of valley
	11:38		25900	edge of valley
	11:42		26666	The Devil's Channel
	11:58		31600	edge of tributary valley
	12:04		33800	edge of tributary valley
	12:12		36000	channel
	12:20		38730	EOL 314
	12:36		15 TS315	SOL 315
	12:45		2850	edge of tributary valley
	12:54		5180	edge of tributary valley
	12:57		5400	edge of tributary valley
	12:58		6800	edge of tributary valley
	13:20		13070	edge of main tributary
	13:28		14600	edge of main tributary
	13:29		15000	channel
	13:36		17777	edge of valley
	13:43			had a chicken salad sandwich. Pretty good
	15:38		54600	EOL 315
	16:26		15 TS415	SOL 415
	17:30		18273	edge of valley
	19:03		46960	EOL 415
	19:20	414	90 TS 414	SOL 414
	22:00		47740	EOL 414
	22:20	413	90 TS413	SOL 413
	22:31			EOL 413; weather getting bad
29-Apr	15:06	413	175 TS413	SOL 413 (b) - second running of this line so first file in record should not be included
	17:19			EOL413 due to noise
	17:21		110 TS413a	SOL413a
	17:31		8888	EOL 413A; recovered chirp to run back down to south end of 412 due to sea state

	19:16	412	130 TS412	SOL 412
	22:09		51900	EOL 412
	22:32	411	350 TS411	SOL 411
	1:39		56340	EOL 411
30-Apr	1:57	410	155 TS410	SOL 410
	4:17		42230	EOL 410
	4:21	301	60 TS301	SOL 301
	6:24		36200	edge of Trinity Valley
	7:21		52700	edge of trinity valley
	7:39		59000	EOL 301
	7:53	302	10	SOL 302
	8:19		7500	edge of trinity valley
	9:28		28000	edge of Trinity Valley
	9:42		32600	EOL 302
	9:53	404	12	SOL 404
	10:03		2700	edge of Trinity Valley
	11:20		26189	EOL 404
	11:38 403A		130	SOL 403A
	11:48		3420	channel
	13:15		29000	SOL403A
	3:57 TS401C		450	SOL 401C
	17:49		34380	EOL 401C
	18:16 402b		130 TS402b	SOL 402b
	19:54		29820	EOL 402b
	20:08	304	50 TS304	SOL 304
	23:56		68240	EOL304
5/1/2021	0:31 306e		200 TS306e	SOL306
	4:41		75340	EOL306
	4:57	303	90 TS303	SOL303
	5:04	303		EOL303 - conditions to rough to continue - pull in chirp and end survey