

Date: 05 Jun 19

Recorder: S Hernandez
PTT ID A/B: 17910107

Survey Num: 8785

Fast-Loc Tag Follow Data

Sighting Num: 63

Focal ID A/B: F2831

GPS Type/ID: Flbcx
Camera ID: Naia (A)

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UHF Freq: 58 F5 B6 A
Video ID:

Focal ID	Time (hr:min:sec)	Distance (m)		Bearing (deg)		Tag Clear H ₂ O (Y/N)	Antenna Clear H ₂ O (Y/N)			Distance to other Focal ID			Behav State	Comments <i>Include entanglement type and location if any Include camera ID and frame ##'s if any</i>
		Rfinder	Visual	Rfinder	HH		L	C	R	*T/C/S/A/F	(m)			
F283	14:25:50	5m		180°		Y	Y	Y	Y	N/A				
	14:26:20	5m		225°		X	Y	Y	Y					
	14:26:40	5m		200°		Y	Y	X	Y					
	14:27:12	5m		200°		Y	X	—→						
	14:27:37	10m		180°		Y	—	—	—					
	14:28:10	10		200		Y	—	—	—					
	14:28:42	30		200		Y	—	—	—					
	14:29:18	40		210		Y	—	—	—					
	14:30:25	40		210		Y	—	—	—					
	14:30:35	40		200		Y	—	—	—					
	14:31:19	45		180°		Y	—	—	—					
	14:31:46	45		185°		Y	—	—	—					
	14:32:10	—		205		Y	—	—	—)
	14:32:30	—		185		Y	—	—	—					
	14:33:06	35		170		Y	—	—	—					
	14:33:30	35		170		Y	—	—	—					
	14:34:10	—		160		Y	—	—	—					

*T = Tight (< 1 m), C = Close (1-5 m), S = Spread (5-20 m), Apart (20-50), F = Far (> 50 m)

Fast-LOC Tag Follow Data

Date: 05 June 2019
 Recorder: G. Hernandez
 PTT ID AB: 179002
 Survey Num: 8785
 Sighting Num: 63
 GPS Type/ID: 76CX
 UHF Freq: 58E5B0A
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 Video ID: _____
 Camera ID: Noah CA
 Focal ID A/B: E283 /
 Focal ID AB: E283 /
 Time (hr:min:sec)

Focal ID	Distance (m)	Bearng (deg)	Tag Clear	Antenna Clear	Distance to other	Behav	State	Comments			
								L	C	R	*T/C/S/A/F (m)
14:35:20	40	220	Y	—	—	—	—	—	—	—	—
14:35:20	50	180	Y	—	—	—	—	—	—	—	—
14:35:20	20	180	Y	—	—	—	—	—	—	—	—
14:35:20	20	193	Y	—	—	—	—	—	—	—	—
14:35:20	20	200	Y	—	—	—	—	—	—	—	—
14:35:22	30	—	—	—	—	—	—	—	—	—	—
14:35:34	20	—	—	—	—	—	—	—	—	—	—
14:35:41	20	—	—	—	—	—	—	—	—	—	—
14:35:42	20	—	—	—	—	—	—	—	—	—	—
14:41:23	70	280	Y	—	—	—	—	—	—	—	—
14:41:37	80	280	Y	—	—	—	—	—	—	—	—
14:41:39	80	280	Y	—	—	—	—	—	—	—	—
14:42:10	60	280	Y	—	—	—	—	—	—	—	—
14:42:31	70	285	Y	—	—	—	—	—	—	—	—
14:42:47	70	280	Y	—	—	—	—	—	—	—	—
14:43:10	40	275	Y	—	—	—	—	—	—	—	—

*T = Tight (< 1 m), C = Close (1-5 m), S = Spread (5-20 m), Apar (20-50), F = Far (> 50 m)

Date: 05 June 2019Recorder: G. IturandezSurvey Num: 8785

Fast-Loc Tag Follow Data

PTT ID A/B: 179062 /Sighting Num: 63Focal ID A/B: F283 /GPS Type/ID: 7LocX
Camera ID: Noia (A)Page 3 117UHF Freq: 58FSBiaA
Video ID: _____

Focal ID	Time (hr:min:sec)	Distance (m)		Bearing (deg)		Tag Clear H ₂ O (Y/N)	Antenna Clear H ₂ O (Y/N)			Distance to other Focal ID		Behav State	Comments <i>Include entanglement type and location if any Include camera ID and frame #'s if any</i>
		Rfinder	Visual	Rfinder	HH		L	C	R	*T/C/S/A/F	(m)		
F283	14:43:30		30		290	Y			7				
	14:44:11		—		—								
	14:44:37		50		320	Y	—	—	→				
	14:44:55		40		330	Y	—	—	→				
	14:48:20		50		50	Y	—	—	→				
	14:48:50		20		40	Y	—	—	→				
	14:49:20		20		340	Y	—	—	→				
	14:49:41		40		10	Y	—	—	→				
	14:49:54		40		25	Y	—	—	→				
	14:50:30		50		90	Y	—	—	→				
	14:50:55		35		75	Y	—	—	→				
	14:51:13		30		70	Y	—	—	→				
	14:57:43		—		—	Y	—	—	→				
	14:58:10		40		280	Y	—	—	→				
	14:58:42		30		260	Y	—	—	→				
	14:58:51		20		255	Y	—	—	7				
	15:00:13		80		120	Y	—	—	→				

*T = Tight (<1 m), C = Close (1-5 m), S = Spread (5-20 m), Apart (20-50), F = Far (> 50 m)

Focal ID	Time (hr:min:sec)	Fast-LOC Tag Follow Data							
		Distance (m)	Bearing (deg)	Tag	Antenna Clear	Distance to other	Behav	Comments	Including camera ID and location if any
Rfnder	Visual	Rfnder	Clear H ₂ O	H ₂ O (Y/N)	Focal ID	L C R *TC/S/A/F (m)			
F283	15:01:02	80	30	140	Y	←			
F283	15:02:57	80	30	140	Y	←			
F283	15:04:41	70	30	290	Y	←			
F283	15:04:50	70	30	285	Y	←			
F283	15:06:20	70	30	260	Y	→			
F283	15:06:44	80	30	270	Y	←			
F283	15:08:25	90	30	240	Y	←			
F283	15:08:35	90	30	250	Y	←			
F283	15:10:00	70	30	255	Y	←			
F283	15:12:15	90	30	240	Y	←			
F283	15:13:21	100	30	240	Y	←			
F283	15:13:43	100	30	245	Y	←			
F283	15:14:55	100	30	255	Y	←			
F283	15:15:07								

*T = Tight (< 1 m), C = Close (1-5 m), S = Spread (5-20 m), A = Apart (20-50 m), F = Far (> 50 m)

Date: 05 June 2019 Survey Num: 8785 Sighting Num: 63 GPS Type/ID: 7C0CA PTT ID AB: 1790C2 / Recorder: G. Internatct UHF Freq: 5855BLA Page 4/11 Camera ID: NACCA (A) Video ID:

Fast-Loc Tag Follow Data

Date: 05 June 2019

Recorder: G. Hernandez

Survey Num: 8785

Sighting Num: 63

PTT ID A/B: 179062

Focal ID A/B: F283

GPS Type/ID: 760Cx

Camera ID: No camera

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UHF Freq: 58F586A

Video ID: _____

Focal ID	Time (hr:min:sec)	Distance (m)		Bearing (deg)		Tag Clear H ₂ O (Y/N)	Antenna Clear H ₂ O (Y/N)			Distance to other Focal ID		Behav State	Comments <i>Include entanglement type and location if any Include camera ID and frame #'s if any</i>
		Rfinder	Visual	Rfinder	HH		L	C	R	*T/C/S/A/F	(m)		
F283	15:15:17		100		250	4	—	—	→				
	15:15:47		100		250	4	—	—	→				
	15:17:20		100		250	4	—	—	→				
	15:17:50		100		260	4	—	—	→				breaching
	15:18:52		100		280	4	—	—	→				breaching
	15:19:25		110		280	4	—	—	→				
	15:19:42		110		280	4	—	—	→				
	15:19:50		110		280	4	—	—	→				
	15:20:23		40		290	4	—	—	→				tag is shifted.
	15:20:55		30		300	4	—	—	→				↓
	15:21:00		30		340	4	—	—	→				
	15:21:15		30		340	4	—	—	→				
	15:21:30		20		10	4	—	—	→				
	15:21:40		20		0	4	—	—	→				seaweed on tag
	15:22:34		30		350	4	—	—	→				
	15:23:00		35		330	4	—	—	→				
	15:24:44		30		355	4	—	—	→				

*T = Tight (< 1 m), C = Close (1-5 m), S = Spread (5-20 m), Apart (20-50 m), F = Far (> 50 m)

Focal ID	Time (hr:min:sec)	Rf minder	Visual	Rf minder	Clear H ₂ O	Antenna Clear H ₂ O (y/n)	Distance to other Tag	*T/C/S/A/F (m)	Behavior State	Comments
F283	15:25:19	50	310	1	7					Including entanglement type and location if any
15:24:05	55	70	310	1	7					Include camera ID and frame #'s if any
15:24:25	55	70	305	1	7					
15:24:53	90	100	295	1	7					
15:27:20	100	110	280	1	7					
15:27:41	100	110	290	1	7					
15:28:17	110	110	290	1	7					
15:29:42	110	110	280	1	7					
15:29:50	110	120	280	1	7					
15:30:35	110	120	280	1	7					
15:31:36	110	120	280	1	7					
15:31:31	110	120	280	1	7					
15:31:31	110	120	280	1	7					
15:31:36	110	120	280	1	7					
15:31:36	110	120	280	1	7					
15:31:36	110	120	280	1	7					
15:31:36	110	120	280	1	7					
15:31:36	110	120	280	1	7					
15:31:36	110	120	280	1	7					
15:31:36	110	120	280	1	7					
15:31:36	110	120	280	1	7					
15:31:36	110	120	280	1	7					
15:31:36	110	120	280	1	7					
15:31:36	110	120	280	1	7					

Date: 05 June 2019 Survey Num: 8785 Sighting Num: 103 GPS Type/ID: F283/1 Camera ID: Neta CA
 Recorder: G. Hennacle PTT ID/AB: 179062/1 UHF Freq: 58E5B6UA
 Page C 117 Video ID: 0117

Fast-Loc Tag Follow Data

Date: 05 June 2019

Recorder: G. Hernandez Survey Num: 8785

PTT ID A/B: 179002 / Focal ID A/B: F283 /

Sighting Num: 63

GPS Type/ID: 76 cx

Camera ID: Nova (A)

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UHF Freq: 58F 58LoA

Video ID: _____

Focal ID	Time (hr:min:sec)	Distance (m)		Bearing (deg)		Tag Clear H ₂ O (Y/N)	Antenna Clear H ₂ O (Y/N)			Distance to other Focal ID		Behav State	Comments <i>Include entanglement type and location if any Include camera ID and frame #'s if any</i>
		Rfinder	Visual	Rfinder	HH		L	C	R	*T/C/S/A/F	(m)		
F283	15:32:08		110		295	Y			→				
	15:32:24		110		295	Y			→				
	15:32:50		110		290	Y			→				
	15:32:51		78		290	Y			→				
	15:33:51		80		280	Y			→				
	15:34:15		100		290	Y			→				
	15:35:25		90		285	Y			→				
	15:35:45		90		300	Y			→				
	15:36:14		100		295	Y			→				
	15:36:32		80		275	Y			→				
	15:37:31		30		280	Y			→				
	15:38:01		30		290	Y			→				
	15:38:34		25		300	Y			→				
	15:39:00		20		310	Y			→				
	15:39:19		25		325	Y			→				
	15:42:31		80		300	Y			→				
	15:42:45		80		300	Y			→				
													<i>breaching/manatee</i>

*T = Tight (< 1 m), C = Close (1-5 m), S = Spread (5-20 m), Apart (20-50), F = Far (> 50 m)

Fast-Loc Tag Follow Data

Date: 05 June 2019

Recorder: G. Hernandez Survey Num: 8785

PTT ID A/B: 179062

Sighting Num: 63

Focal ID A/B: F283

GPS Type/ID: Flux

Camera ID: Naia (A)

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UHF Freq: 58F5B0A

Video ID: _____

Focal ID	Time (hr:min:sec)	Distance (m)		Bearing (deg)		Tag Clear H ₂ O (Y/N)	Antenna Clear H ₂ O (Y/N)		Distance to other Focal ID		Behav State	Comments <i>Include entanglement type and location if any Include camera ID and frame #'s if any</i>
		Rfinder	Visual	Rfinder	HH		L	C	R	*T/C/S/A/F		
F283	14:07:40	60			210	Y			→			
	14:14:50	60			210	Y			→			
	14:15:50	55			210	Y			→			
	14:16:49	55			230	Y			→			
	14:17:00	55			230	Y			→			
	14:17:53	30			200	Y			→		TR	<i>slow travel</i>
	14:18:20	30			200	Y			→		TR	
	14:19:00	30			180	Y			→		TR	
	14:19:18	30			175	Y			→		TR	
	14:19:24	30			170	Y			→		TR	
	14:20:13	20			210	Y			→		TR	<i>changed direction</i>
	14:23:07	100			340	Y			→		TR	<i>slow travel</i>
	14:24:20	100			340	Y			→		TR	
	14:25:59	40			310	Y			→		TR	
	14:26:27	35			270	Y			→		TR	
	14:26:51	40			240	Y			→		M1	<i>mi</i>
	14:27:30	45			215	Y			→		M1	

*T = Tight (< 1 m), C = Close (1-5 m), S = Spread (5-20 m), Apart (20-50), F = Far (> 50 m)

Date: 05 June 2019Recorder: G. HernandezSurvey Num: 8785

Fast-Loc Tag Follow Data

Sighting Num: 63GPS Type/ID: FlockPTT ID A/B: 179062Focal ID A/B: F283Camera ID: Naia (A)Page 1117UHF Freq: 585.800

Video ID: _____

Focal ID	Time (hr:min:sec)	Distance (m)		Bearing (deg)		Tag Clear H ₂ O (Y/N)	Antenna Clear H ₂ O (Y/N)			Distance to other Focal ID		Behav State	Comments <i>Include entanglement type and location if any Include camera ID and frame #'s if any</i>
		Rfinder	Visual	Rfinder	HH		L	C	R	*T/C/S/A/F	(m)		
F283	14:26:10		40		245	4	—	—	→			TR	
	14:34:40		50		250	1	—	—	→			TR	
	14:37:00		50		250	4	—	—	2				trailing
	14:38:15		80		250	4	—	→				TR	
	14:38:57		90		245	1	—	→				TR	
	14:39:45		100		260	4	—	→				TR	
	14:40:10		30		220	4	—	→				TR	
	14:41:15		40		250	1	—	→				TR	
	14:41:30		30		250	4	—	→				TR	
	14:41:42		30		245	4	—	→				TR	
	14:41:50		15		255	4	—	→				TR	
	14:42:00		10		245	4	—	→				TR	
	14:42:20		15		250	4	—	→				TR	
	14:43:20		30		195	4	—	→				TR	
	14:44:05		46		160	4	—	→				TR	
	14:47:17		100		340	4	—	→					breaching
	14:47:52		65		345	1	—	→				MTR	

*T = Tight (< 1 m), C = Close (1-5 m), S = Spread (5-20 m), Apart (20-50), F = Far (> 50 m)

Focal ID	Time (hr:min:sec)	Distance (m)	Bearings (deg)	Visual	Rfimder	Clear H ₂ O	Antenna Clear	Distance to other RFID (y/n)	Focal ID	Behav	State	Comments				Include entanglement type and location if any
												L	C	R	*TC/S/A/F (m)	
F283	16:48:20	50	30	4	30	4			M1							
	16:48:31	40	340	4	240	4			M1							
	16:47:45	40	40	4	340	4			M1							
	16:47:54	40	90	4	340	4			M1							
	16:47:59	40	35	4	340	4			M1							
	16:48:08	35	40	4	340	4			M1							
	16:48:18	30	30	4	340	4			M1							
	16:48:30	30	20	4	30	4			M1							
	16:48:35	25	25	4	10	4			M1							
	16:48:41	26	26	4	150	4			OT							
	16:48:45	25	25	4	150	4			OT							
	16:48:55	25	25	4	150	4			OT							
	16:49:05	26	26	4	150	4			OT							
	16:49:23	30	25	4	150	4			OT							
	16:49:33	35	35	4	130	4			OT							
	16:49:45	30	40	4	130	4			OT							
	17:00:12															

Recorded: G.technicolor / Survey Num: 8785 / Sighting Num: 63 / GPS Type/ID: F283 / Camera ID: NAGC LA / PTT ID AB: 179062 / GPS ID AB: F283 / UHF Freq: 58F5BLA / Page 12 / 13

Date: GS June 2019

Fast-Loc Tag Follow Data

Date: 05 June 2019

Recorder: G. Hernandez Survey Num: 8785
PTT ID A/B: 179062 /

Sighting Num: 43

Focal ID A/B: F283 /

GPS Type/ID: FLCK
Camera ID: Nokia (A)

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UHF Freq: 58F5BLA
Video ID: _____

Focal ID	Time (hr:min:sec)	Distance (m)		Bearing (deg)		Tag Clear H ₂ O (Y/N)	Antenna Clear H ₂ O (Y/N)			Distance to other Focal ID		Behav State	Comments <i>Include entanglement type and location if any Include camera ID and frame ##'s if any</i>
		Rfinder	Visual	Rfinder	HH		L	C	R	*T/C/S/A/F	(m)		
F283	17:01:13	30		135	4	Y	—	—	→			TR	
	17:04:20	40		25	4	Y	—	—	→			TR	
	17:05:30	30		30	4	Y	—	—	→			TR	
	17:05:40	40		40	4	Y	—	—	→				shuffling
	17:06:45	30		20	4	Y	—	—	→			TR	changed direction.
	17:09:53	30		30	4	Y	—	—	→			TR	
	17:10:45	15		355	4	Y	—	—	→			TR	slow
	17:11:33	5		355	4	Y	—	—	→			TR	
	17:11:59	10		150	4	Y	—	—	→			TR	
	17:14:06	60		140	4	Y	—	—	→			TR	
	17:15:32	50		75	4	Y	—	—	→			TR	
	17:15:44	40		65	4	Y	—	—	→			TR	
	17:14:20	35		70	4	Y	—	—	→			TR	
	17:17:00	40		65	4	Y	—	—	→			TR	
	17:17:08	45		70	4	Y	—	—	→			TR	
	17:18:30	45		120	4	Y	—	—	→			TR	
	17:22:23	40		25	4	Y	—	—	→			TR	

*T = Tight (< 1 m), C = Close (1-5 m), S = Spread (5-20 m), Apart (20-50 m), F = Far (> 50 m)

Fast-Loc Tag Follow Data

Date: 05 June 2019

Recorder: G. Hernandez

Survey Num: 8785

Sighting Num: 63

GPS Type/ID: 7Locx

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PTT ID A/B: 1790621

Focal ID A/B: F2831

Camera ID: Nerica (A)

UHF Freq: 58F5BLA

Video ID: _____

Focal ID	Time (hr:min:sec)	Distance (m)		Bearing (deg)		Tag Clear H ₂ O (Y/N)	Antenna Clear H ₂ O (Y/N)			Distance to other Focal ID		Behav State	Comments <i>Include entanglement type and location if any Include camera ID and frame #'s if any</i>
		Rfinder	Visual	Rfinder	HH		L	C	R	*T/C/S/A/F	(m)		
F283	17:48:25	70		220	Y	Y	—	—	→			TR	
	17:48:50	60		225	Y	Y	—	—	→			TR	
	17:49:45	70		220	Y	Y	—	—	→			TR	Slow travel
	17:50:44	70		240	Y	Y	—	—	→			TR	
	17:51:13	50		225	Y	Y	—	—	→			TR	
	17:51:30	50		230	Y	Y	—	—	→			TR	
	17:52:33	10		250	Y	Y	—	—	→			TR	
	17:53:35	40		250	Y	Y	—	—	→			TR	
	17:54:00	60		220	Y	Y	—	—	→			TR	
	17:54:32	40		220	Y	Y	←	—	→			TR	
	17:55:31	40		225	Y	Y	—	—	→			TR	
	17:55:45	50		225	Y	Y	—	—	→			TR	
	17:57:02	40		210	Y	Y	—	—	→			TR	
	17:57:57	50		210	Y	Y	—	—	→			TR	
	17:58:25	40		205	N	N	—	—	→			TR	
	17:58:49	50		195	Y	Y	—	—	→			TR	
	17:59:20	40		195	Y	Y	—	—	→			TR	

*T = Tight (< 1 m), C = Close (1-5 m), S = Spread (5-20 m), Apart (20-50), F = Far (> 50 m)

Fast-LOC Tag Follow Data

Focal ID	Time (hh:min:sec)	Distance (m)	Bearing (deg)	Visual	Rf minder	Rf minder	Tag Clear	Antenna H ₂ O (Y/N)	Distance to other H ₂ O	Focal ID	State		Comments				
			18:00:02	18:01:03	18:02:16	18:03:00	18:03:40	18:04:25	18:05:16	18:05:51	18:06:15	18:06:45	18:07:16	18:08:00	18:08:45	18:09:00	18:09:15
F283	18:00:02	40	195	4	←				72								
	18:01:03	30	210	4	←				72								
	18:02:16	15	235	9	←				72								
	18:03:00	10	25	N	←				72								
	18:03:40	20	170	N	←				72								
	18:04:25	30	160	N	←				72								
	18:05:16	10	40	N	←				72								
	18:05:51	10	40	N	←				72								
	18:06:15	20	20	N	←				72								
	18:06:45	25	330	N	←				72								
	18:07:16	30	30	N	←				72								
	18:08:00	10	30	N	←				72								
	18:08:45	15	20	20	N	←			72								
	18:09:00	10	30	N	←				72								
	18:09:15	15	20	20	N	←			72								
	18:10:07																

*T = Tight (< 1 m), C = Close (1-5 m), S = Spread (5-20 m), Apart (20-50 m), F = Far (> 50 m)

Scout cat up & away



↑



↑

Date: 05 June 2019 Page: 1/17
 Recorder: L-TCR-002 Survey Num: 8785 Sighting Num: 03
 PTT ID AB: L-TCR-002 GPS Type/ID: F283 Camera ID: Noda (A)
 UHF Freq: 5851840 Video ID:
 16:11:42

Fast-Loc Tag Follow Data

Date: 05 June 2019

Recorder: C. Hernandez Survey Num: 8785
 PTT ID A/B: 179002 1

Sighting Num: 63
 Focal ID A/B: F283 1

GPS Type/ID: FLCX
 Camera ID: Noia (A)

Page 17 / 17
 UHF Freq: 5815 BU
 Video ID: _____

Focal ID	Time (hr:min:sec)	Distance (m)		Bearing (deg)		Tag Clear H ₂ O (Y/N)	Antenna Clear H ₂ O (Y/N)			Distance to other Focal ID		Behav State	Comments <i>Include entanglement type and location if any Include camera ID and frame ##'s if any</i>
		Rfinder	Visual	Rfinder	HH		L	C	R	*T/C/S/A/F	(m)		
F283	18:12:05		20		155	N		→				TL	
	18:12:30		50		7945	N		→				TL	
	18:13:25		20		160	Y		→				TL	tag partially off
	18:13:43		20		160	Y		→				TL	tag partially off
	18:15:27												tag off,
	:												
	:												
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*T = Tight (< 1 m), C = Close (1-5 m), S = Spread (5-20 m), Apart (20-50), F = Far (> 50 m)

