



High: 10:05 - 11:05 AM
Low: 5:20 - 7:20 PM

SDRP Event and Environmental Log (Version 10Apr17)

Date (dd/Mon/yyyy): 14/Jun/2019 Effort/Project: Radio Tracking / Focal Follow

Survey #: 8805 Super Survey #: _____

Crew: S. Putigci, J. Wendt

Captain: R. Tyson-McCoy Field Hours: 7 : 24 to 15 : 43 : to : : Total Field Time (Decimal Hrs): 8.32

Survey Hours: 7 : 24 to 15 : 43 : to : : 11 : to : : / to : : / to : : YSI #: 999

Total Survey Time (Decimal Hrs): 8.32 Engine Hrs (end):

Comments:

Event/ Transsect	Trip (km)	Wpt#	Latitude	Longitude	Time	Dir @ Sp	Waves	Wea- ther	Glares	BSS	Surface	Sal (ppt)	Temp (C)	Tide
ON	0	001	27. 33409	-82. 57388	07:24	SE @ 5	0	0	3	0	+0	999	999	IN
BF	7.6 003	27. 35498	-82. 60369	7 : 47	SE @ 5	0	1	3	0	0	0	0	0	IN
EF	9.86 035	27. 37170	-82. 60933	8 : 01	@	0	1	3	0	0	0	0	0	IN
BF	8.72 036	27. 37154	-82. 61018	8 : 12	@	0	1	3	0	0	0	0	0	IN
EF	21.5 334	27. 38048	-82. 60726	11 : 16	@	0	2	+	+	+	+	999	999	OUT
OFF	41.1 340	27. 47821	-82. 66293	12 : 07	E @ 10	0	2	+	+	+	+	999	999	OUT
BF	41.9 341	27. 48048	-82. 67016	12 : 17	E @ 10	0	2	1	1	1	1	999	999	OUT
EF	45.8 416	27. 49025	-82. 67499	13:00	@	0	2	1	1	1	1	999	999	OUT
OFF	76.5 428	27. 33278	-82. 57377	15 : 43	@	0	2	+	+	+	+	0	0	OUT
		27.	-82.		:	@								
		27.	-82.		:	@								
		27.	-82.		:	@								
		27.	-82.		:	@								
		27.	-82.		:	@								
		27.	-82.		:	@								
		27.	-82.		:	@								
		27.	-82.		:	@								
		27.	-82.		:	@								
		27.	-82.		:	@								
		27.	-82.		:	@								
		27.	-82.		:	@								
		27.	-82.		:	@								

Event Codes:

ON = On Effort
OFF = Off Effort
BD = Biopsy Dart
RED = Red Tide Sample
AR = Acoustic Recording
ENV = Update Condition: RAD = Radio Tracking
OPP = Opportunistic Surveying

BF = Begin Transect

ET = End Transect

EF = End Focal Follow

OPP = Opportunistic Surveying

SET = C/R Net Deployment

OTH = Other (explain) _____

Sarasota Dolphin Research Program

Time: 7 : 45 to 8 : 10

On Effort: Yes / No

Platform: Fregata (FR)

Data comp. :

Photo analysis comp. :

Date: 14 Jun / 2019
(Day / Month / Year)

Survey #: 8805

Sighting #: 21

Effort: Radio tracking / Focal

Recorder: S. Puthigai

Observers: _____

Location: north of country club shores

LOC: LBS

Start wpt: 002 = 21 Start Lat: 27 35 35 4 Start Lon: -82 60 35 4

End wpt: 034 = 21e End Lat: 27 37 10 2 End Lon: -82 60 94 2

Conditions: Waves 0 Weather 1 Glare 2 Sightability 0

Water Temp (°C): 99.9 Tide (circle one): In-1 Out-2 Hi-3 Lo-4 Depth (ft): 090

Thermo/YSI Salinity (ppt): 99.9 BS: 0 Headings: 010 310 310
(circle one) (degrees) (Initial) (General) (Final)

Activity: Mill Feed Prob Feed Travel Play Rest Leap/Tailslap/Chuff Social w/ Boat Other

Field Estimates			Digital Media		Initials	Frames		
Min	Max	Best	Video Taken	(Yes / No)	Camera A: <u>KTM</u>	<u>i-24</u>		
<u>4</u>	<u>4</u>	<u>4</u>	(circle one)		Camera B: <u>MP</u>	<u>i-9</u>		
Total Dolphins:			Comments: _____					
Total Calves:	<u>0</u>	<u>0</u>						
Total YOY:	<u>0</u>	<u>0</u>						

HI: 0 _____

Dolphins Sighted

ID confirmation: P = Photograph V = Visual O = Other (explain)

Name	Code	Conf.	Name	Code	Conf.	Name	Code	Conf.
<u>F266</u>								
<u>285</u>								
<u>F262</u>								

Associated Organisms: 9

Sarasota Dolphin Research Program

Time: 8 : 11 to 11 : 16

Date: 14 / JUN / 2019
(Day / Month / Year)

On Effort: Yes / No

Data comp. :

Photo analysis comp. :

Survey #:

8805

Sighting #: 22

Platform: Fregata (FF)

Recorder: S. Puthigai

Observers:

Effort: RAD/Focal Follow

Location: South of Bishop's point

LOC: SSB

Start wpt: 035 = 22 (field) Start Lat: 27 3 7 2 1 8 Start Lon: -82 6 1 0 6 4

End wpt: 338 = 22e (field) End Lat: 27 3 8 0 4 9 End Lon: -82 6 0 7 0 4

Conditions: Waves 0

Weather 1

Glare 3

Sightability 0

Water Temp (°C): 29.9

Tide (circle one): In-1 Out-2 Hi-3 Lo-4

Depth (ft): 8.7

Thermo/YSI Salinity (ppt): 34.9 (circle one)

BS: 6

Headings: 270 (degrees) (Initial)

MIL (General) 300 (Final)

Activity:	Mill	Feed	Prob Feed	Travel	Play	Rest	Leap/Tailslap/Chuff	Social	w/ Boat	Other
(circle word, then rank)	<u>1</u>	<u> </u>	<u>2</u>	<u>3</u>	<u> </u>	<u> </u>	<u>5</u>	<u>4</u>	<u> </u>	<u> </u>

Field Estimates

Min 5 Max 5 Best 5

Total Dolphins: 5

Digital Media

Video Taken: Yes / No (circle one)

Initials

Frames

Total Calves: 0

Camera A: RTM/JK

25 - 131

Total YOY: 0

Camera B: MNFT/JW/MP

10 - 33

HI: 0

Comments: Same four animals as sighting one. Started new sighting because 5th animal

Came within 50m. Group composition was the same throughout entire sighting. Focal follow on

F264

Associated Organisms: 0

Dolphins Sighted

ID confirmation: P = Photograph V = Visual O = Other (explain)

Name

Code

Conf.

Name

Code

Conf.

Name

Code

Conf.

F264

F285

F262

Sarasota Dolphin Research Program

Time: 12:07 to 13:00

On Effort: Yes / No

Data comp.:

Photo analysis comp. :

Date: 14 / Jun / 2019
(Day / Month / Year)

Date: _____
(Day / Month / Year)

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Platform: Fredata (F R)

Recorder: J. Wenzlawuk

Survey #:

8805

Sighting #: 23

Effort: Radio Tracking/Focal Follow

Location: N of main channel in PSB **LOC:** PSB

Start wpt: 389 = 23 Start Lat: 27.47794 Start Lon: -82.64197
(S-1)

End wpt: 421 = 23e End Lat: 27.48026 End Lon: -82.07495

Conditions: Waves Weather Glare Sightability

Water Temp (°C): 99.9 **Tide** (circle one): In-1 Out-2 Hi-3 Lo-4 **Depth (ft):** 4.4

Thermo/YSI Salinity (ppt): 99.9 BS: 1 Headings: 340 V A R OUT
(initial) (final) (beginning) (end) (Gauge) (Final)

(circle one) (degrees) (Initial) (General) (Final)

Field Estimates			Digital Media	Initials	Frames
	Min	Max	Best		
Total Dolphins:	1	1	1	RTM JW	132-139 34-38 39
Total Calves:	6	0	0		

HI: O _____

Dolphins Sighted

ID confirmation: P = Photograph, V = Visual, O = Other (explain)

Sarasota Dolphin Research Program

Time: ____ : ____ to ____ : ____

On Effort: Yes / No

Data comp.

Photo analysis comp. :

Date: — — / — — — / — — —
(Day / Month / Year)

Survey #: _____

Platform: _____ (____)

Recorder: _____

Observers:

Sighting #: _____

Effort: _____

Observers:

Effort:

Location: _____ **LOC:** _____

Start wpt: _____ = _____ **Start Lat:** _____ . _____ **Start Lon:** _____ . _____

End wpt: _____ = _____ **End Lat:** _____ . _____ **End Lon:** _____ . _____

Conditions: Waves Weather Glare Sightability

Water Temp (°C): ____ : ____ **Tide (circle one):** In-1 Out-2 Hi-3 Lo-4 **Depth (ft):** _____

Activity: (circle word, then rank)	Mill	Feed	Prob Feed	Travel	Play	Rest	Leap/Tailslap/Chuff	Social	w/ Boat	Other
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Field Estimates			Digital Media	Initials	Frames
	Min	Max	Best		
Total Dolphins:					
Video Taken: Yes / No (circle one)					

HI: _____

Associated Organisms: _____

Dolphins Sighted

ID confirmation: P = Photograph V = Visual O = Other (explain)

BF: WP 005
EF: WP 033

Date: 14/11/2019
Recorder: J. Liger (Liger)
PTT ID A/B: 179003 / 179003

Fast-Loc Tag Follow Data

Survey Num: 8805
Focal ID A/B: F200 / F200

Sighting Num: 21
GPS Type/ID: 78SC
Camera ID: A
UHF Freq: 143.8
Video ID: B

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 Include entanglement type and location if any Include camera ID and frame #'s if any	
		Rfinder	Visual	Rfinder	HH			L	C	R	*T/C/S/A/F		
F200	01:48:21	30	20	-	5	Y	Y	Y	Y	Y	Y	TR	WP 004, slow travel
	07:49:04	-	40	337	315								WP 005
	07:49:45	24	-	325	315								WP 006
	07:50:46	38	-	-	90								WP 007, speed up
	07:51:27	-	60	205	325								WP 008
	07:51:58	41	45	-	315								WP 009, Frame 2 of cam B - not X
	07:52:54	-	25	226	225								WP 010, slow travel again
	07:53:34	15	-	-	225								Frame 14 & cam A
	07:54:11	-	53	224	245								WP 011, Frame 3 of cam B *
	07:55:13	23	-	201	275								Frame 14 of B
	07:55:40	40	-	-	285								WP 012, camera
	07:56:31	-	60	351	315								WP 013
	07:57:30	-	15 ¹⁸	271	265								WP 014, Frame 4 of cam B
	07:58:31	-	7	-	85								Frame 20 of cam A
	07:59:57	55	70	-	315								WP 017
	08:00:16	35	-	-	295								WP 018
	08:01:42	24	25	-	295								WP 020, Frame 7 of C
	08:01:42	24	25	-	295								WP 021

*T = Tight (<1 m), C = Close (1.5 m), S = Spread (5-20 m), Apart (20-50), F = Far (>50 m)

Date: 14/ June /2019
 Recorder: J. wrenshaw
 PTT ID A/B: 179003

Fast-Loc Tag Follow Data

Survey Num: 8805
 Focal ID A/B: Favole

Sighting Num: 21
 Camera ID: A

UHF Freq:

Video ID: B

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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 Include entanglement type and location if any Include camera ID and frame #'s if any
		Rfinder	Visual	Rfinder	HH	L	C	R	*T/C/S/A/F	(m)								
Favole	08:01:57	24	25	-	215	Y	Y	Y									TR	WP 021
	08:02:27	18	-	-	245	1	1	1										WP 022, Frame 8 & 9
	08:03:21	47	40	-	285													WP 023
	08:03:46	-	50	-	285													WP 024
	08:04:18	-	5	-	145													WP 025
	08:05:34	33	30	-	240	1	1	1										WP 026, Frame 9 or 13
	08:06:50	-	20	-	195													WP 027
	08:07:04	27	-	-	210													WP 028
	08:07:13	23	-	-	195													WP 029
	08:07:46	41	-	-	195													SO WP 030
	08:07:51	-	30	-	180													TR WP 031
	08:08:14	-	20	-	40													WP 032
	08:10:15	-	-	-														WP 033, end follow
	08:	:	:	:														WP
	08:	:	:	:														WP
	08:	:	:	:														WP
	08:	:	:	:														WP

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

BT: wr vov
CF: wf

Date: 14/Jan/2019

Recorder: J. Wenzlawick
PTT ID A/B: 179003 /

Survey Num: 8805

Sighting Num: 22

Focal ID A/B: F246 /

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UHF Freq: 788C
Video ID: B

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 (m)	Behav State	Comments Include entanglement type and location if any Include camera ID and frame ##'s if any
		Rfinder	Visual	Rfinder	HH					
F246	08:12:44	39	-	-	-	4	4	4	-	wf
	08:13:00	32	35	-	240	4	4	4	TR	wf 037, slow travel
	08:13:14	-	30	-	240	1	-	-	-	wf 038
	08:15:04	77	-	-	105	-	-	-	-	wf 039
	08:15:10	77	-	-	-	-	-	-	-	wf not-tauen
	08:15:19	81	-	-	105	-	-	-	-	wf 040
	08:16:12	51	45	-	235	-	-	-	-	wf 041
	08:17:21	57	-	-	105	-	-	-	-	wf 041.2
	08:17:44	69	60	-	180	-	-	-	-	wf 042
	08:19:08	-	20	-	150	-	-	-	-	wf 043
	08:19:44	43	-	-	105	-	-	-	-	wf 044
	08:20:03	43	-	-	185	-	-	-	-	wf 045
	08:20:46	41	-	-	105	-	-	-	-	wf 046
	08:20:45	52	-	-	190	-	-	-	-	MJ
	08:21:07	55	-	-	185	-	-	-	-	MJ
	08:21:30	55	-	-	105	-	-	-	-	TR
	08:22:01	-	70	-	225	-	-	-	-	MJ

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

Date: 11 June/2019
 Recorder: J. Wenzelawik
 Survey Num: 8805
 PTT ID A/B: 179003 /

Fast-Loc Tag Follow Data

Sighting Num: 22
 Focal ID A/B: Faule /

GPS Type/ID: 18SC
 Camera ID: A
 UHF Freq: _____
 Video ID: B

Focal ID	Time (hr:min:sec)	Distance (m)	Bearing (deg)			Antenna Clear H ₂ O (Y/N)			Distance to other Focal ID (m)			Behav State	Comments Include entanglement type and location if any Include camera ID and frame #'s if any
			Rfinder	Visual	Rfinder	HH	L	C	R	*T/C/SIA/F	(m)		
Faule	06:22:58	-	40	-	150	4	44	4	44	4		MJ	WP OSS
	08:23:27	34	-	-	105							MJ	WP OSS
	08:24:10	42	-	-	105							MJ	WP OSS
	08:25:03	31	25	-	270							MJ	WP OSS
	08:25:34	19	-	-	150							MJ	WP OSS, F35 OF A
	08:26:24	31	-	-	365							TR	WP OSS
	08:27:10	-	50	-	-							TR	WP OSS
	08:28:11	34	35	-	175							MJ	WP OSS
	08:28:57	20	20	-	205							MJ	WP OSS
	08:29:17	30	28	-	205							MJ	WP OSS
	08:29:52	-	14	-	240							MJ	WP OSS
	08:31:39	-	80	-	105							MJ	WP OSS
	08:32:08	-	60	-	125							SO	WP OSS
	08:32:20	87	60	-	125							TR	WP OSS
	08:32:58	42	-	-	175							TR	WP OSS
	08:34:21	-	70	-	150							SO	WP OSS
	08:34:12	-	70	-	320							SO	WP OSS

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

Date: 14/June/2019
 Reorder: J. wynn clavicle
 PTT ID A/B: 1790103 /

Fast-Loc Tag Follow Data

Survey Num: 8805

Sighting Num: 822

GPS Type/ID: 18SC

UHF Freq: _____

Focal ID A/B: F24W /

Video ID: B

Camera ID: A

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 (m)		Behav State	Comments Include entanglement type and location if any Include camera ID and frame #'s if any	
		Rfinder	Visual	Rfinder	HH			L	C	R		
F24W	08:30:38	51	—	—	—	320	Y	Y	Y	Y	SO	WP 069
	08:30:45	41	—	—	—	315	—	—	—	—	TR	WP 070
	08:30:54	39	35	—	—	300	—	—	—	—	TR	WP 071
	08:38:54	310	35	—	—	135	—	—	—	—	TR	WP 072
	08:39:15	44	—	—	—	120	—	—	—	—	—	WP 073,
	08:39:21	43	—	—	—	120	—	—	—	—	—	WP 074, hung at surface
	08:39:25	36	—	—	—	125	—	—	—	—	—	WP 075
	08:39:42	34	—	—	—	135	—	—	—	—	—	WP 076
	08:40:04	43	—	—	—	135	—	—	—	—	—	WP 077
	08:40:50	39	—	—	—	155	—	—	—	—	—	WP 078
	08:41:18	18	—	—	—	165	—	—	—	—	—	WP 079
	08:42:50	—	—	50	—	245	—	—	—	—	MI	WP 080, surfaced twice
	08:43:00	—	—	55	—	280	—	—	—	—	MI	WP 081
	08:43:34	—	—	40	—	285	—	—	—	—	TR	WP 082
	08:43:55	39	45	—	—	310	—	—	—	—	TR	WP 083
	08:44:17	30	—	—	—	315	—	—	—	—	TR	WP 084
	08:45:00	—	3	—	—	315	—	—	—	—	MI	WP 085

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

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UHF Freq: _____
 Video ID: _____

GPS Type/ID: 18SC
 Camera ID: _____

Date: 14/1 June/2019Recorder: J.WendlandtSurvey Num: 8805Sighting Num: 22GPS Type/ID: 785CPage 4 / 19PTT ID A/B: 179003Focal ID A/B: F2000 /Camera ID: AUHF Freq: Video ID: B

Fast-Loc Tag Follow Data

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 (m)	Behav State	Comments Include entanglement type and location if any Include camera ID and frame ##'s if any
		Rfinder	Visual	Rfinder	HH					
F2000	08:45:57	-	45	-	265	✓	✓	4	TR	WP 086
	08:46:30	420	-	-	245				TR	WP 087
	08:47:32	-	75	-	90					
	08:49:24	-	40	-	120				TR	WP 088
	08:49:53	-	5	-	180					
	08:50:48	-	10	-	235					
	08:51:34	-	15	-	45				MI	WP 091, Flw of 8?, Slowed clear
	08:52:08	-	50	-	45				MZ	WP 092
	08:53:01	-	80	-	25				TR	WP 093
	08:53:47	-	70	-	335				TR	WP 094
	08:55:33	71	80	-	210				TR	WP 095
	08:56:06	51	-	-	185				MI	WP 096, 3 surfacings, hanging at surface
	08:56:17	43	-	-	180				SO	WP 097
	08:56:30	42	-	-	180				SO	WP 098, hung at surface
	08:56:39	38	-	-	180				SO	WP 099 "
	08:57:58	-	100	-	180				SO	WP 100, "
	08:58:54	-	60	-	135	✓	✓		MZ	WP 101
										WP 102

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

Date: 14/11/2019
 Recorder: J. Wernham
 PTT ID A/B: 179003/1

Fast-Loc Tag Follow Data

Survey Num.: 8805
 Sighting Num.: 22
 Focal ID A/B: F2004/1

GPS Type/ID: 785C
 Camera ID: A
 UHF Freq.: 14
 Video ID: B

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 Include entanglement type and location if any Include camera ID and frame ##'s if any
		Rfinder	Visual	Rfinder	HH	L	C	R	*T/C/S/A/F	(m)			
F2004	08:59:08	45	—	—	135	—	—	—	—	MI	WP 103		
	09:00:31	30	—	—	45	—	—	—	—		WP 104	4 Surfaceing in a row	
	09:00:55	30	—	—	45	—	—	—	—		WP 104	Frame 19 on B	
	09:00:54	25	—	—	105	—	—	—	—		WP 105		
	09:00:53	28	—	—	105	—	—	—	—		TR	WP 106, Rule of A	
	09:01:03	—	30	239	330	—	—	—	—		TR	WP 107	
	09:01:51	—	75	119	245	—	—	—	—		TR	WP 108	
	09:02:12	55	—	—	250	240	—	—	—		TR	WP 109	
	09:02:46	31	—	31	250	—	—	—	—		MI	WP 110	
	09:03:28	—	25	—	175	—	—	—	—		MI	WP 111	
	09:04:38	—	60	268	175	—	—	—	—		MI	WP 112	
	09:05:31	—	20	190	360	—	—	—	—		MI	WP 113	
	09:05:50	38	35	—	315	—	—	—	—		MI	WP 114	
	09:06:51	—	45	—	300	—	—	—	—		MI	WP 115	
	09:06:13	65	60	—	75	—	—	—	—		MI	WP 116, Feeding?	
	09:06:44	—	45	—	210	—	—	—	—		MI	WP 117, Far off B	
	09:07:02	28	—	7	245	—	—	—	—		MI	WP 118, Far off A	

*T = Tight (< 1 m), C = Close (1.5 m), S = Spread (5-20 m), Apart (20-50), F = Far (> 50 m)

Date: 11/16/2019
 Recorder: J. Wenneback
 PTT ID A/B: 179003 /

Fast-Loc Tag Follow Data

Survey Num: 8805
 Focal ID A/B: F2400 /

Sighting Num: 22
 Camera ID: A

GPS Type/ID: 18SC
 Camera ID: A

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UHF Freq: _____
 Video ID: B

Focal ID	Time (hr:min:sec)	Distance (m)		Bearing (deg)		Clear H ₂ O (Y/N)	Antenna Clear H ₂ O (Y/N)	Distance to other Focal ID (m)	Behav State	Comments Include entanglement type and location if any Include camera ID and frame #'s if any
		Rfinder	Visual	Rfinder	HH					
<u>Follow</u>	09:07:33	25	-	82	275	Y	Y		MJ	WF 119
	09:08:44	-	50	50	270	—	—		MJ	WF 120
	09:09:07	42	-	51	300	—	—		OT	WF 121, OT = logging, FA of B
	09:10:25	-	85	157	90	—	—		TR	WF 122
	09:10:50	49	50	-	135	—	—		TR	WF 123
	09:11:47	24	30	61	170	—	—		TR	WF 124, FA of B*
	09:12:23	17	-	34	165	—	—		TR	WF 125, FA of B*
	09:13:25	-	70	252	300	—	—		MJ	WF 126
	09:15:19	-	70	353	205	—	—		→	WF 127
	09:15:26	-	70	-	2105	—	—		→	WF 128
	09:15:31	68	66	-	2165	—	—		MJ	WF 129
	09:15:48	40	50	-	280	—	—		MJ	WF 130
	09:16:32	-	8	257	125	—	—		MJ	WF 131
	09:16:51	-	25	-	115	N	N		MJ	WF 132, FA of B
	09:17:49	-	70	343	85	Y	Y		MJ	WF 133
	09:18:42	-	50	-	100	—	—		MJ	WF 134
	09:19:21	20	27	130	215	Y	Y		MJ	WF 135

*T = Tight (<1 m), C = Close (1.5 m), S = Spread (5-20 m), Apart (20-50), F = Far (> 50 m)

Date: 11/1/2011
 Recorder: J Wencelawik
 PTT ID A/B: 1791007

Fast-Loc Tag Follow Data

Survey Num: 8805

Sighting Num: 22

GPS Type/ID: 78SC
 Camera ID: A

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 UHF Freq: 136
 Video ID: B

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
		Rfinder	Visual	HH	L C R *T/C/S/A/F	(m)		Include entanglement type and location if any Include camera ID and frame # #'s if any
Fallu	01:19:31	-	25	-	215 Y	Y Y Y	MJ	WP 136
	01:20:07	-	30	-	195		SO	WP 137
	01:20:17	28	-	-	195		SO	WP 138
	01:20:41	-	7	80	135		MJ	WP 139, F28 of B*
	01:21:13	-	30	231	315		MJ	WP 140
	01:21:21	26	-	-	315		MJ	WP 141
	01:21:58	-	40	-	340		MJ	WP 142
	01:22:04	54	-	-	340		MJ	WP 142
	01:22:48	-	28	281	250		MJ	WP 143
	01:23:08	-	35	-	235		MJ	WP 144
	01:23:51	-	30	355	310		MJ	WP 145
	01:24:31	-	30	355	135		MJ	WP 146
	01:24:50	27	25	69	180		MJ	WP 147
	01:25:11	-	30	-	120		TR	WP 148
	01:26:14	-	4	130	205		TR	WP 149
	01:26:33	-	5	-	90		TR	WP 150
	01:26:41	28	-	-	85		TR	WP 151

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

Date: 14 JUN 2019Recorder: S. PutthimiPTT ID A/B: 179063Survey Num: 8805 Sighting Num: 22GPS Type/ID: T9cs

UHF Freq:

Page 81 / 19Video ID: B

Fast-Loc Tag Follow Data

Focal ID	Time (min: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 (m)	Behav State	Comments						
		Rfinder	Visual	Rfinder	HH					L	C	R	*T/C/S/A/F	(m)	Include entanglement type and location if any	Include camera ID and frame #'s if any
F266	9 : 17 : 46	24	-	-	360	Y	Y	Y	Y				TR		WP 158	
	9 : 18 : 04	29	-	-	284	345	Y	Y	Y				TR		WP 153	
	9 : 18 : 16	35	-	-	321	10	Y	Y	Y				MIL		WP 154	
	9 : 18 : 31	27	-	-	10	Y	Y	Y	Y				WP		WP 159	
	9 : 20 : 41	27	-	-	2510	Y	Y	Y	Y				WP		WP 155	
	9 : 29 : 00	-	15	-	10	Y	Y	Y	Y				WP		WP 156	
	9 : 29 : 31	29	75	21	90	Y	Y	Y	Y				WP		WP 157	
	9 : 30 : 12	29	18	254	366	Y	Y	Y	Y				WP		WP 158	→ surface
	9 : 30 : 58	41	-	256	360	Y	Y	Y	Y				WP		WP 159	
	9 : 31 : 11	-	60	-	345	Y	Y	Y	Y				WP		WP 160	strike out dive
	9 : 32 : 48	-	80	105	165	Y	Y	Y	Y				MIL		WP 161	
	9 : 33 : 00	-	80	105	165	Y	Y	Y	Y				MIL		WP 161	
	9 : 33 : 10	65	-	-	210	Y	Y	Y	Y				MIL		WP 161	surface S
	9 : 33 : 32	-	60	340	270	Y	Y	Y	Y				WP		WP 162	
	9 : 34 : 17	-	60	-	210	Y	Y	Y	Y				WP		WP 163	
	9 : 35 : 00	-	60	14	315	Y	Y	Y	Y				WP		WP 164	
	9 : 35 : 00	29	-	-	60	Y	Y	Y	Y				WP		WP 165	

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

Date: 14 JUN 2019
 Recorder: S. Putnidgei
 PTT ID A/B: 179063 /

Survey Num.: 8805

Sighting Num.: 22

GPS Type/ID: 78CS

Focal ID A/B: F166 /

Camera ID: A

Page 9 / 19

UHF Freq: 170

Video ID: B

Fast-Loc Tag Follow Data

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 (m)		Behav State	Comments Include entanglement type and location if any Include camera ID and frame # #'s if any
		Rfinder	Visual	Rfinder	HH	L	C	R	*T/C/S/A/F	(m)			
F166	9:35:15	-	60	-	300	4	Y	Y				TR	WP 166
	9:36:01	-	35	328	240	4	Y	Y				SOC	WP 167
	9:36:39	26	-	7	265	4	Y	Y				TR	WP 168
	9:37:17	-	20	263	180	4	Y	Y				TR	WP 169
	9:38:10	-	10	350	155	4	Y	Y				SOC	WP 170 B - 31
	9:38:31	-	20	280	135	4	Y	Y				TP	WP 171
	9:39:32	-	50	270	120	4	Y	Y				TR	WP 172
	9:40:16	59	-	14	115	4	Y	Y				TR	WP 173
	9:40:51	-	50	29	135	4	Y	Y				TR	WP 174
	9:41:33	34	-	47	145	4	Y	Y				TR	WP 175
	9:42:17	-	35	39	155	4	Y	Y				TR	WP 176
	9:42:51	-	40	16	135	4	Y	Y				TR	WP 177
	9:43:54	-	50	11	120	4	Y	Y				TR	WP 178
	9:	:	:									WP	
	9:	:	:									WP	
	9:	:	:									WP	
	9:	:	:									WP	

*T = Tight (<1 m), C = Close (1.5 m), S = Spread (5-20 m), Apart (20-50), F = Far (>50 m)

Date: 14 JUN 2019
 Recorder: S. Putnami
 PTT ID A/B: -470 179063/

Fast-Loc Tag Follow Data

Survey Num: 8805
 Sighting Num: 22
 Focal ID A/B: F266 /

Page 10/19
 UHF Freq: 788C
 Camera ID: A
 Video ID: B

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 (m)		Behav State	Comments Include entanglement type and location if any Include camera ID and frame #'s if any
		Rfinder	Visual	Rfinder	HH	L	C	R	*T/C/S/A/F	(m)			
F266	9:45:34	—	40	24	120	Y	Y	Y	Y	112	177		
	9:45:44	—	40	24	120	Y	Y	Y	Y	112	179		
	9:45:46	—	40	—	120	Y	Y	Y	Y	TR	180 - 4 surfacing		
	9:45:50	—	30	120	Y	Y	Y	Y	Y	TR	181		
	9:45:51	36	—	—	120	Y	Y	Y	Y	TR	181		
	9:46:01	38	—	—	120	Y	Y	Y	Y	TR	182		
	9:46:32	—	40	53	135	Y	Y	Y	Y	TR	183		
	9:48:04	26	—	—	90	Y	Y	Y	Y	TR	184 2 snort		
	9:48:37	—	40	—	120	Y	Y	Y	Y	TR	185		
	9:49:35	—	40	—	110	Y	Y	Y	Y	TR	186		
	9:50:15	24	20	3	180	Y	Y	Y	Y	TR	wp187		
	9:50:31	28	—	—	90	Y	Y	Y	Y	SCPF	wp188		
	9:50:57	18	—	27	210	Y	Y	Y	Y	WP	189		
	9:50:08	14	—	—	290	Y	Y	Y	Y	WP	190	Something caught on belt	
	9:51:23	80	—	—	240	Y	Y	Y	Y	WP	190	F2 82 - A	
	9:51:36	15	—	27	191	Y	Y	Y	Y	WP	191	32-B	
	9:51:55	15	—	—	150	Y	Y	Y	Y	WP	192	33-B	

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

Date: 14 JUN 2019
 Recorder: S Putnami
 PTT ID A/B: V7906-3 / 1

Fast-Loc Tag Follow Data

Survey Num: 8805

Sighting Num: 22

GPS Type/ID: 78 SC

Focal ID A/B: F766 / 1

Camera ID: A

UHF Freq:

Video ID: B

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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			Comments Include entanglement type and location if any Include camera ID and frame ##'s if any
		Rfinder	Visual	Rfinder	HH			L	C	R	
F766	9:53:06	-	10	-	150	Y	—				TR <u>193</u>
	9:53:10	-	20	-	160	Y	—				TR <u>194</u>
	9:53:16	32	30	-	160	Y	—				PF <u>194</u>
	9:53:38	-	40	-	180	Y	—				TR <u>195</u>
	9:54:00	-	30	-	180	Y	—				TR <u>196</u>
	9:54:40	-	20	9	190	Y	—				TR <u>197</u>
	9:55:05	-	8	108	180°	Y	—				TR <u>198</u>
	9:55:36	14	10	84	180	Y	Y	Y	Y		TR <u>199</u>
	9:56:06	-	15	-	45	Y	Y	Y	Y		PF <u>200</u>
	9:56:44	-	60	-	45	Y	Y	Y	Y		PF <u>201</u>
	9:57:36	-	35	286	326	Y	—				PF <u>202</u>
	9:57:55	-	30	-	325	Y	—				PF <u>203</u>
	9:58:33	35	30	24	45	Y	—				PF <u>204</u>
	9:59:15	-	65	-	60	Y	—				— <u>205</u>
10:00:36	48	40	-	330	Y	—					— <u>206, 207</u>
10:01:	48	35	-	330	Y	—					— <u>208</u>
10: :	-	30	-	295	Y	—					— <u>209</u>

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

Date: 14 JUN 2019

Recorder: S. Rutherford

PTT ID A/B: 179063

Survey Num: 9905

Sighting Num: M

GPS Type/ID: 7850

UHF Freq: Page 12 / 19

Video ID: B

Fast-Loc Tag Follow Data

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 (m)	Behav State	Comments				
		Rfinder	Visual	Rfinder	HH					L	C	R	*T/C/S/A/F	Include entanglement type and location if any Include camera ID and frame ##'s if any
#766	10 : 01 : 34	-	4	T	290	Y	—		PFF	WP 210				
	10 : 01 : 34	-	15	T	120	Y	—		PFF	WP 211				
	10 : 02 : 10	-	45	T	90	Y	Y	Y	MIL	WP 212				
	10 : 02 : 31	-	50	T	90	Y	Y	Y	MIL	WP 213				
	10 : 02 : 46	50	-	T	70	Y	Y	Y	MIL	WP 214				
	10 : 04 : 07	-	20	T	300	Y	Y	Y	MIL	WP 215				
	10 : 04 : 14	-	75	T	300	Y	Y	Y	MIL	WP 216				
	10 : 04 : 16	35	-	T	300	Y	Y	Y	MIL	WP 217				
	10 : 04 : 43	43	-	T	300	Y	Y	Y	MIL	WP 218				
	10 : 05 : 48	-	20	T	210	Y	Y	Y	MIL	WP 219				
	10 : 05 : 51	-	75	T	210	Y	Y	Y	MIL	WP 220				
	10 : 06 : 00	-	75	T	210	Y	Y	Y	MIL	WP 221				
	10 : 06 : 42	-	45	T	165	Y	Y	Y	MIL	WP 222				
	10 : 07 : 00	45	-	T	165	Y	Y	Y	MIL	WP 223				
	10 : 07 : 10	40	-	T	180	Y	Y	Y	MIL	WP 224				
	10 : 08 : 25	-	50	T	135	Y	—		MIL	WP 225	3 surfacing			
	10 : 08 : 47	-	50	T	165	Y	—		MIL	226				

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

Date: 14 JUN 2019
 Recorder: S. Putiniogal
 PTT ID A/B: 179063

Fast-Loc Tag Follow Data

Survey Num: 8805

Sighting Num: 22

Focal ID A/B: F266 / GPS Type/ID: 78SC
 Camera ID: A UHF Freq: _____

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Video ID: B

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 *T/C/S/A/F (m)	Behav State	Comments Include entanglement type and location if any Include camera ID and frame #'s if any
		Rfinder	Visual	Rfinder	HH					
F266	10:09:00	-	55	-	180	Y	Y		PF	217
	10:10:01	-	60	-	120	Y	Y		PF	228
	10:10:10	-	60	-	120	Y	Y		PF	228
	10:10:13	-	60	-	120	Y	Y		PF	228
	10:10:46	-	60	-	136	Y	Y		ML	229
	10:11:51	-	450	-	300	Y	Y			WF 230
	10:11:55	-	45	-	300	Y	Y			WF 230
	10:13:00	-	110	-	300	Y	Y			WF 230
	10:13:20	-	30	-	305	Y	Y			WF 231
	10:13:25	-	25	-	305	Y	Y			WF 232
	10:13:46	-	5	-	70	Y	Y			WF 233
	10:15:11	-	15	-	170	Y	Y		PF	WF 234
	10:15:21	-	15	-	150	Y	Y			WF 235
	10:15:30	-	15	-	115	Y	Y			WF 235
	10:15:37	-	10	-	95	Y	Y			WF 237
	10:15:47	-	15	-	95	Y	Y			WF 238
	10:16:03	-	25	-	120	Y	Y			WF 239

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

Date: 14 Jun 2019
 Recorder: SPOTLIGHT N. Rev
 PTT ID A/B: 179063 /

Fast-Loc Tag Follow Data

Survey Num: 8805
 Focal ID A/B: F266 /

Sighting Num: 22
 Camera ID: A

UHF Freq: _____
 Video ID: B

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			Comments Include entanglement type and location if any Include camera ID and frame #s if any	
		Rfinder	Visual	Rfinder	HH			L	C	R		
F266	10:16:46	—	5	—	115	Y	—				PF	WP 240
	10:17:01	—	7	—	10	Y	—				PT	WP 241
	10:17:59	—	6	—	200	Y	—				PF	WP 242
	10:18:00	—	5	—	245	Y	—				PF	WP 243
	10:18:14	—	10	—	275	Y	—				PI	WP 244
	10:18:31	36	30	—	330	Y	—				PF	WP 245
	10:18:49	40	—	—	335	Y	—				PF	WP 246
	10:19:28	—	20	—	325	Y	—				PF	WP 247 hanging @ surface
	10:19:30	19.8	—	—	325	Y	—				PF	WP 247
	10:20:34	20.2	25	—	295	Y	—				TR	WP 248
	10:20:59	—	30	—	300	Y	—				TR	WP 249
	10:21:39	—	25	—	310	Y	—				TR	WP 250
	10:21:58	—	30	—	325	Y	—				TR	WP 251
	10:23:13	—	35	—	210	Y	—				WP	252
	10:23:21	40.3	35	—	210	Y	—				WP	253
	10:23:30	—	35	—	225	Y	—				WP	254
	10:23:49	26.2	30	—	270	Y	—				WP	255

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

Date: 14 Jun 2019
 Recorder: M. Pew
 PTT ID A/B: 194063 /

Fast-Loc Tag Follow Data

Survey Num: 8805
 Focal ID A/B: F266 /

Sighting Num: 22
 Camera ID: A

GPS Type/ID: _____
 UHF Freq: _____

Page 15 / 19
 Video ID: B

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 (m)	Behav State	Comments Include entanglement type and location if any Include camera ID and frame ##'s if any
		Rfinder	Visual	Rfinder	HH	L	C	R	*T/C/S/A/F					
F266	10:24:15	-	40	-	320	Y	Y	Y	Y				TR	UHF 254
	10:25:07	-	90	-	305	Y	Y	Y	Y				SO	UHF 257
	10:27:34	-	7	-	225	Y	Y	Y	Y				TR	UHF 258
	10:27:46	12	16	-	245	Y	Y	Y	Y					UHF 259
	10:28:02	-	20	-	280	Y	Y	Y	Y					UHF 260
	10:29:56	-	100	-	290	Y	Y	Y	Y					UHF 261
	10:30:00													UHF Lost visual on animal
	10:32:03	-	50	-	100	Y	Y	Y	Y					UHF 262
	10:32:13	37.9	45	-	100	Y	Y	Y	Y					UHF 262
	10:32:21	-	40	-	105	Y	Y	Y	Y					UHF 263
	10:32:42	-	35	-	105	Y	Y	Y	Y					UHF 264
	10:33:00	-	10	-	105	Y	Y	Y	Y					UHF 265
	10:33:18	36.9	45	-	210	Y	Y	Y	Y					TR
	10:34:20	-	40	-	100	Y	Y	Y	Y					UHF 267
	10:35:01	20	20	-	255	Y	Y	Y	Y					TR UHF 268
	10:35:11	-	20	-	195	Y	Y	Y	Y					PF UHF 269 Center of antenna hanging @ surface
	10:36:00	-	30	-	185	Y	Y	Y	Y					PF UHF 270

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

Date: 14 Jun 2019
 Recorder: M Pew
 PTT ID A/B: 179063/1

Fast-Loc Tag Follow Data

Survey Num: 8805
 Focal ID A/B: F266/1

Sighting Num: 22
 Camera ID: A
 GPS Type/ID: _____
 UHF Freq: _____
 Video ID: B

Focal ID	Time (hr:min:sec)	Distance (m)		Bearing (deg)		Tag Clear H ₂ O (Y/N)	Antenna H ₂ O (Y/N)	Distance to other Focal ID (m)	Behav State	Comments			
		Rfinder	Visual	Rfinder	HH					L	C	R	*T/C/S/A/F
F266	11:30:33	-	20	-	65	Y	Y		DR	WP	271		
	10:37:11	-	40	-	25	4	↑		TR	WP	272		
	10:38:21	-	18	-	135	4	↑		TR	WP	273 - 274	SLOW TR	
	10:38:31	-	25	-	140	4	↑		TR	WP	275	SLOW TR	
	10:39:25	-	70	-	190	5	↑		TR	WP	276	2 SURFACINGS	
	10:39:41	-	50	-	195	5	↑		TR	WP	277		
	10:40:07	-	35	-	225	Y	↑		TR	WP	278		
	10:40:19	-	30	-	245	5	↑		TR	WP	279		
	10:40:44	-	70	-	270	5	↑		TR	WP	280		
	10:42:44	-	80	-					WP	missed visual			
	10:42:55	-	100	-	210	5	↑		TR	WP	281		
	10:43:44	-	60	-	275	5	↑		TR	WP	282		
	10:43:51	-	40	-	315	5	↑		TR	WP	283		
	10:44:20	-	70	-	10	5	↑		TR	WP	284		
	10:44:47	-	60	-	45	5	↑		TR	WP	285		
	10:45:28	-	60	-	50	5	↑		TR	WP	286	IMPOSSIBLE	
	10:45:55	-	30	-	50	5	↑		TR	WP	287		

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

Date: 14 Jun 2019
 Recorder: M. Penn
 PTT ID A/B: 178063 / 1

Fast-Loc Tag Follow Data

Survey Num: 8805 Sighting Num: 22
 Focal ID A/B: F266 / Camera ID: A

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UHF Freq: _____

Video ID: B

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 Include entanglement type and location if any Include camera ID and frame ##'s if any
		Rfinder	Visual	Rfinder	HH	L	C	R	*T/C/S/A/F	(m)	TR	WP	
F266	10:44:39	—	25	—	135	Y	Y	Y	Y	—	—	TR	WP 288
	10:46:09	—	65	—	300	—	—	—	—	—	—	MI	WP 289
	10:48:14	—	65	—	300	—	—	—	—	—	—	WP	WP 289 290
	10:48:24	—	65	—	290	—	—	—	—	—	—	WP	290
	10:49:04	—	50	—	315	—	—	—	—	—	—	WP	291
	10:49:24	—	35	—	335	—	—	—	—	—	—	WP	292
	10:49:34	29.0	30	—	340	—	—	—	—	—	—	WP	293
	10:49:51	29.0	30	—	10	—	—	—	—	—	—	WP	294
	10:50:29	—	45	—	360	—	—	—	—	—	—	TR	WP 294
	10:51:20	—	20	—	305	—	—	—	—	—	—	TR	WP 295
	10:52:57	—	65	—	135	—	—	—	—	—	—	TR	WP 296
	10:53:13	—	47.0	—	135	—	—	—	—	—	—	TR	WP 297
	10:53:22	—	70	—	125	—	—	—	—	—	—	TR	WP 298
	10:54:39	—	3	—	255	—	—	—	—	—	—	MI	WP 299
	10:54:40	—	7	—	265	—	—	—	—	—	—	WP	300
	10:54:52	—	15	—	270	—	—	—	—	—	—	WP	301
	10:54:55	—	12	—	265	—	—	—	—	—	—	WP	302

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

Date: 14 Jun 2019

Recorder: M_Paw

Survey Num: 8805

Sighting Num: 22

Focal ID A/B: F266 /

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GPS Type/ID:

UHF Freq:

Camera ID: A

Video ID: B

Fast-Loc Tag Follow Data

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 (m)	Behav State	Comments Include entanglement type and location if any Include camera ID and frame ##'s if any
		Rfinder	Visual	Rfinder	HH					
F266	10:55:07	-	missed	-	240	Y	Y	Y	M I	wp 303
	10:55:05	-	15	-	216					wp 304
	10:54:44	-	7	-	330					wp 305
	10:54:21	-	10	-	330					wp 304
	10:54:58	-	35	-	315					
	10:54:21	-	40	-	310					
	10:54:10	-	30	-	315					
	10:54:17	-	20	-	15					
	10:54:24	-	30	-	30					
	10:54:17	-	20	-	15					
	10:54:37	-	10	-	60					
	10:54:59	-	20	-	115					
	11:00:31	35	30	-	105					
	11:02:01	-	50	-	111	180				
	11:02:16	-	45	-	205					
	11:02:33	-	40	353	190					
	11:02:56	-	30	-	155					
	11:03:20	-	25	39	110					
										wp 318

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

Date: 14 Jun 2019
 Recorder: J Crossman
 PTT ID A/B: 179063/1

Fast-Loc Tag Follow Data

Survey Num: 0805
 Focal ID A/B: F266/1

Sighting Num: 22
 Camera ID: A

GPS Type/ID: _____
 UHF Freq.: _____

Video ID: B
 Camera ID: A

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 (*T/C/S/A/F) (m)	Behav State	Comments Include entanglement type and location if any Include camera ID and frame ##'s if any
		Rfinder	Visual	Rfinder	HH					
F266	11 : 04 :13	-	65	99	116	Y	Y	Y	M1	wp 319
	11 : 05 :08	-	30	-	105					wp 320
	11 : 05 :44	-	45	314	30					wp 321
	11 : 06 :35	-	40	-	45					wp 322
	11 : 07:06	31.4	25	268	5					wp 323 item above water for several seconds
	11 : 07 :44	-	30	318	350					
	11 : 08 :44	-	20	-	15					travel wp 324
	11 : 09 :33	-	50	-	15					wp 325
	11 : 10 :32	-	80	-	50					wp 326
	11 : 11 :11	-	80	-	360					wp 327
	11 : 11 :30	-	70	-	345					wp 328
	11 : 11 :53	-	40	353	355					wp 329
	11 : 12 :58	-	75	-	320					wp 330
	11 : 13 :44	-	15	-	325					wp 331
	11 : 14 :14	21.9	18	346	310					wp 332
	11 : 14 :21	-	20	-	315					wp 333
	11 : 15 :09	-	20	324	300					wp 334 multiple surfaces (3)
	11 : 15 :29	-	20	-	255					wp 335

T = Tight (<1 m), C = Close (1-5 m), S = Spread (5-20 m), A = Apart (20-50), F = Far (>50 m)
 wp 336

Start follow 341

Fast-Loc Tag Follow Data

Date: 14 JUN 2019Recorder: S. Puthiani
PTT ID A/B: 179062Survey Num.: 8805
Focal ID A/B: F283Sighting Num.: 23
Camera ID: AUHF Freq: 7905
Video ID: BPage 1 / 6

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 Include entanglement type and location if any Include camera ID and frame ##'s if any
		Rfinder	Visual	Rfinder	HH			L	C	R		
F283	12:17:31	-	90	-	330	y	y	y	y	y	TR	wp 342 no wp
	12:17:47	-	80	358	330	y	y	y	y	y	TR	wp 343 342
	12:18:45	-	70	31	330	—	—	—	—	—	—	wp 343
	12:19:11	-	60	-	330	—	—	—	—	—	—	wp 344
	12:19:32	-	50	-	330	—	—	—	—	—	—	wp 345
	12:19:41	-	35	-	315	—	—	—	—	—	—	wp 346
	12:20:01	-	30	30	330	—	—	—	—	—	—	wp 350 348
	12:21:18			164							—	wp 349 no visual
	12:22:14	-	100	357	105	y	y	y	y	y	TR	wp 356
	12:23:02			3							—	wp 351 no visual
	12:23:10	-	100	none	none	y	y	y	y	y	—	wp 352
	12:24:02	-	80	346	90	y	y	y	y	y	—	wp 353
	12:24:12	-	50	-	90	y	y	y	y	y	—	wp 354
	12:24:18	41.9	50	-	90	y	y	y	y	y	—	wp 355
	12:24:49	-	40	315	60	y	y	y	y	y	—	wp 356
	12:24:51	-	35	-	60	—	—	—	—	—	—	wp 357

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

Date: 14 JUN 2019Recorder: S. Putthigai
PTT ID A/B: 179062Survey Num: 6805
Focal ID A/B: F283Sighting Num: 13
Focal ID A/B: 1

Fast-Loc Tag Follow Data

Page 2 / 6
UHF Freq: 785C
Camera ID: A
Video ID: B

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 (m)			Behav State	Comments
		Rfinder	Visual	Rfinder	HH	L	C	R	T/T/C/S/A/F	L	C	R	T/T/C/S/A/F	(m)		
F283	12:25:59	-	-	107	-	Y	Y	Y	Y	Y	Y	Y	Y	Y	#FF	WP 358 no visual
	12:26:08	-	200	315	315	Y	Y	Y	Y	Y	Y	Y	Y	Y	TR	WP 359
	12:26:59	-	90	330	330	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	WP 360
	12:27:44	-	60	357	360	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	WP 361
	12:28:02	-	40	348	60	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	WP 362
	12:28:35	-	30	-	75	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	WP 363 CA-135
	12:28:51	-	2	-	210	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	WP 364
	12:29:17	-	104	104	104	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	WP 365 no visual
	12:29:57	-	35	85	3150	Y	Y	Y	Y	Y	Y	Y	Y	Y	TR	WP 366
	12:30:42	-	80	304	120	Y	Y	Y	Y	Y	Y	Y	Y	Y	TR	WP 367
	12:31:18	-	80	350	120	Y	Y	Y	Y	Y	Y	Y	Y	Y	TR	WP 368
	12:31:32	-	75	-	120	Y	Y	Y	Y	Y	Y	Y	Y	Y	TR	WP 369
	12:32:14	-	50	-	105	Y	Y	Y	Y	Y	Y	Y	Y	Y	TR	WP 370
	12:32:36	-	40	202	75	Y	Y	Y	Y	Y	Y	Y	Y	Y	TR	WP 371
	12:32:47	-	35	-	90	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	WP 372
	12:33:06	-	15	313	120	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	WP 373 CA -138 CB-34
	12:33:51	-	25	459	300	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	WP 374

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

Date: 14 JUN 2019
 Recorder: S. Putini Gai
 PTT ID A/B: 1790621

Survey Num: 8805
 Sighting Num: 23
 Focal ID A/B: F283

Fast-Loc Tag Follow Data

GPS TypeID: 78 SC
 Camera ID: A
 UHF Freq: 143
 Video ID: B

Focal ID	Time (hr:min:sec)	Distance (m)		Bearing (deg)		Tag Clear H_2O (Y/N)	Antenna Clear H_2O (Y/N)	Distance to other Focal ID			Behav State	Comments Include entanglement type and location if any Include camera ID and frame ##'s if any
		Rfinder	Visual	Rfinder	HH			L	C	R	*T/C/S/A/F	
F283	12:34:34	-	-	248	-	y	y	y	y	y	T/E	wf 375 no visual
	12:35:12	-	50	-	135							wf 376
	12:35:21	-	55	-	135							wf 377
	12:35:35	-	50	314	90							wf 378
	12:36:12	-	50	-	90							wf 379
	12:36:24	-	35	-	75							wf 380
	12:36:37	-	25	-	75							wf 381
	12:36:53	-	20	-	60							wf 382
	12:37:52	-	35	276	15							wf 383
	12:38:15	-	40	-	30							wf 384
	12:38:31	-	50	271	30							wf 385
	12:38:57	-	40	-	30							wf 386
	12:39:52	-	40	312	60							wf 387
	12:40:08	-	60	-	45							wf 388
	12:40:21	-	55	-	75							wf 389
	12:41:04	-	40	222	60							wf 390
	12:41:16	-	35	-	60							wf 391

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

Date: 14Recorder: S, PPTT ID A/B: 179062Survey Num: 88005Sighting Num: 23GPS Type/ID: 78 CS

UHF Freq:

Camera ID: APage 4 / 6**Fast-Loc Tag Follow Data**

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 (m)	Behav State	Comments Include entanglement type and location if any Include camera ID and frame ##'s if any
		Rfinder	Visual	Rfinder	HH					
F-203	12:41:36	-	20	10	120	Y	Y	Y	TR	wp 392
	12:41:41	-	15	-	105	Y	Y	Y		wp 393
	12:42:05	-	10	-	156	Y	Y	Y		wp 394 FR 35 CARS
	12:43:18	-								wp 395 no vis; no spn
	12:43:40	-	100	-	70	Y	Y	Y		wp 396 no vis; no gen
	12:43:50	-	100	-	90	Y	Y	Y		wp 397
	12:44:08	-	75	-	135	Y	Y	Y		wp 398
	12:45:00	-	30	30	210	Y	Y	Y	TR	wp 399
	12:46:14	-	120	-	-					no visual wp 401
	12:46:55	-	311	-	-					wp 402 no visual
	12:47:10	-	60	7	270	Y	Y	Y		wp 403 missed surfaces
	12:47:15	-	50	-	255	Y	Y	Y		wp 404
	12:48:18	-	50	-	240	Y	Y	Y		wp 405
	12:49:19	-	65	-	-					wp 406 no visual

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

Date: 14 JUN 2011
 Recorder: S. putnugai
 PTT ID A/B: +7060 / 179062

Fast-Loc Tag Follow Data

Survey Num: 8805
 Sighting Num: 23 7055
 Focal ID A/B: F1903 / A

GPS Type/ID: 70 SC
 Camera ID: A

UHF Freq: B
 Video ID: B

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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 Include entanglement type and location if any Include camera ID and frame ##'s if any
		Rfinder	Visual	Rfinder	HH			L	C	R		
F1903	12: 50:08	—	50	361	285	Y	Y	Y	Y	Y	TR	wp 407
	12: 51:01	—	#5	1481	—						—	wp 408 no visual
	12: 52:03	—	60	—	315	Y	Y	Y	Y	Y	TR	wp 409
	12: 52:44	—	60	—	315	Y	Y	Y	Y	Y	TR	wp 410
	12: 53:17	—	50	—	330	Y	Y	Y	Y	Y	TR	wp 411
	12: 54:10	—	20	352	300	Y	Y	Y	Y	Y	TR	wp 412
	12: 54:35	—	25	—	285	Y	Y	Y	Y	Y	TR	wp 413
	12: 54:53	—	35	308	270	Y	Y	Y	Y	Y	TR	wp 414
	12: 55:09	40.3	45	270	—						TR	wp 415 CB - 46
	12: 55:29	38.9	90	356	270						TR	wp 416
	12: 55:50	—	30	—	285						TR	wp 417
	12: 56:20	—	15	316	240						TR	wp 418 CAM B #7 ← no mad
	12: 56:26			103							wp 419	no visual
	12: 57:47	—	30	—	30						wp 420	
	12: 58:00	—	25	—	360						wp 421	
	12: 58:01	31.4	30	—	330						wp 422	
	12: 58:26	—	30	—	330						wp 423	

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

Date: _____ Recorder: _____ Survey Num: _____ Sighting Num: _____ / _____
PTT ID A/B: _____ / _____ Focal ID A/B: _____ / _____

Page _____ / _____ UHF Freq: _____ Video ID: _____

Fast-Loc Tag Follow Data

Focal ID	Time (hr:min:sec)	Distance (m)		Rfinder	Visual	Rfinder	HH	Bearing (deg)	Clear H ₂ O (Y/N)	Antenna Clear H ₂ O (Y/N)	Distance to other Focal ID (*T/C/S/A/F (m))	Behav State	Comments		
		L	C										T/C/S/A/F	Include entanglement type and location if any Include camera ID and frame # #'s if any	
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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)

