

Lat/Long  
 S.P./A.T.

Roster

Checklist

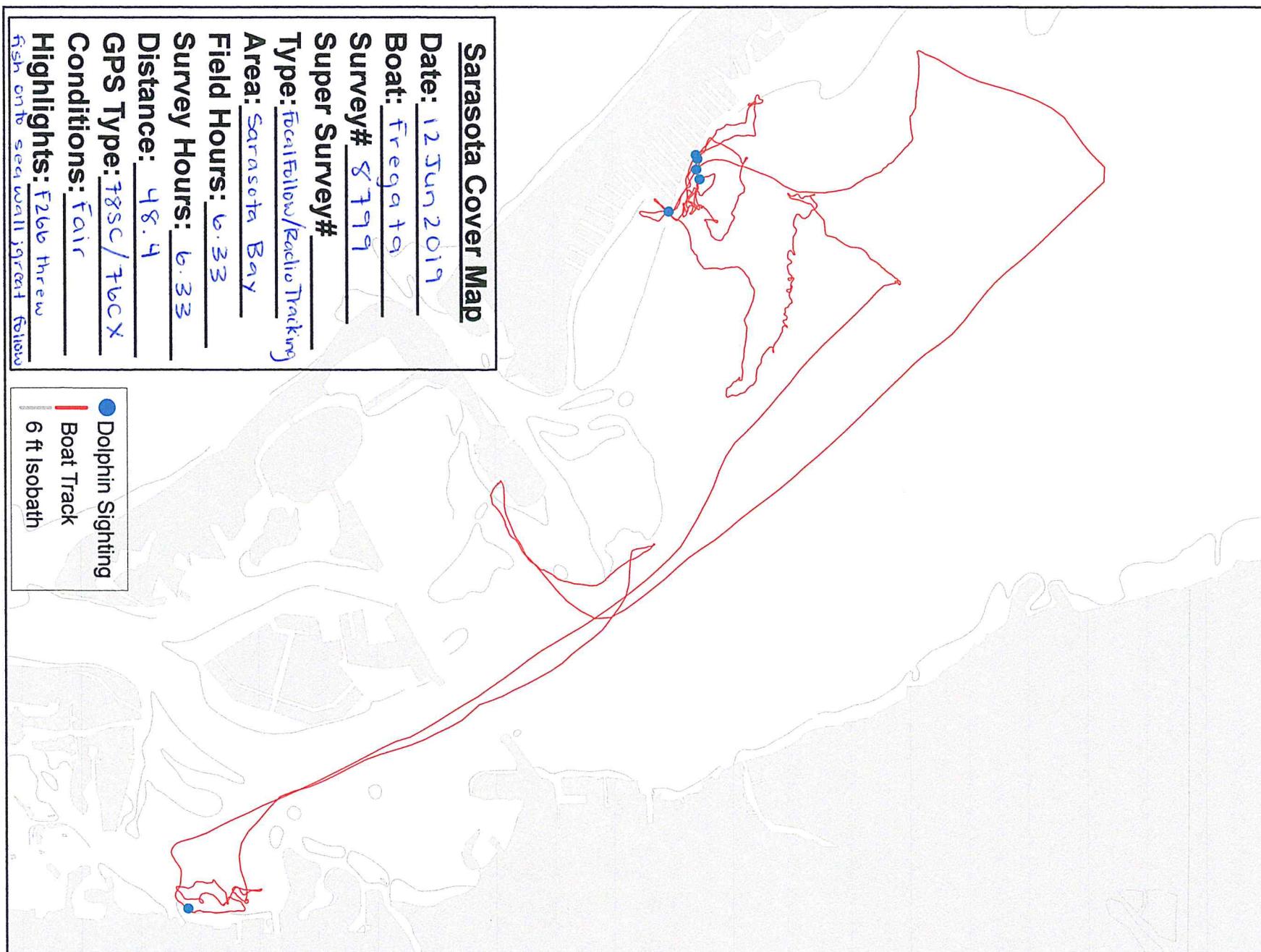
Sorting

ID Entry

ID Verify

Data Entry

Data Verify





High: 9:50 AM Hi - 10:05  
 Low: 5:01 PM lo - 17:31

## SDRP Event and Environmental Log (Version 10Apr17)

Page 1 of 1

Date (dd/Mon/yyyy): 12/JUN/2019 Effort/Project: Focal Follow / Radio Tracking Platform: Fregata ( )  
 Survey #: 8799 Super Survey #: \_\_\_\_\_ Area: Sarasota Bay (SB) GPS Type: 78SC / 76CX  
 Captain: R. Tyson-More Crew: Fazioli, K., Torello, A., Wenzlawian, J., Puthigai, S., Bergerat, C.  
 Field Hours: 7 : 14 to 13 : 34, \_\_\_\_\_ to \_\_\_\_\_ Total Field Time (Decimal Hrs): 6.33 Total Dist (km): 48.4  
 Survey Hours: 7 : 14 to 13 : 34 // \_\_\_\_\_ to \_\_\_\_\_ // \_\_\_\_\_ to \_\_\_\_\_ // \_\_\_\_\_ to \_\_\_\_\_ YSI #: \_\_\_\_\_  
 Total Survey Time (Decimal Hrs): 6.33 Engine Hrs (end): \_\_\_\_\_ Comments: \_\_\_\_\_

Event/ Transect	Trip (km)	Wpt#	Latitude	Longitude	Time	Wind Dir @ Sp	Waves	Wea- ther	Glare	Sight	BSS	Surface Sal (ppt)	Temp (C)	Tide
RAD	Ø	001	27.33385	-82.57470	7:14	10 @ SW	0	1	3	1	1	999	999	In
BF	15.4	005	27.35279	-82.59677	8:29	10 @ SW	0	1	3	1	2	999	999	In
EF	17.1	023	27.34927	-82.59674	8:54	@								
BF		026	27.34986	-82.600615	9:06	15 @ SW								Hi
EF		094	27.34949	-82.60075	9:44	@								Hi
BF		097	27.35177	-82.60186	9:47	15 @ SW								Hi
EF		149	27.34960	-82.59778	10:14	@								out
BF		152	27.34996	-82.59895	10:17	15 @ SW	0	1	2	1	1			Out
EF	29.1	286	27.36368	-82.99242	12:00	@	2	1	2	1	4			out
BF		289	27.0+31010	-82.54018	12:32	15 @ SW	2	1	1	2	3			out
EF	41.1	335	27.31226	-82.54213	13:00	720 @ SW								out
END	48.4	337	27.33356	-82.57446	13:34	@								out
BP			27.	-82.	:	@								
			27.	-82.	:	@								
			27.	-82.	:	@								

### Event Codes:

ON = On Effort

RED = Red Tide Sample

BT = Begin Transect

BF = Begin Focal Follow

SET = C/R Net Deployment

OFF = Off Effort

AR = Acoustic Recording

ET = End Transect

EF = End Focal Follow

OTH = Other (explain)

BD = Biopsy Dart

ENV = Update Condition

RAD = Radio Tracking

OPP = Opportunistic Surveying







# Sarasota Dolphin Research Program

Date: 12 / Jun / 2019  
 (Day / Month / Year)

Time: \_\_\_\_\_ : \_\_\_\_\_ to 09:44

On Effort:  Yes / No

Platform: Frigate (\_\_\_\_)

Recorder: S. Puttigson Observers: \_\_\_\_\_

Sighting #: 23

Effort: Focal Follow/Radio Trajectory

Location: North of Country Club Shore along sea wall

LOC: LBS

Start wpt: 05 = 23 Start Lat: 27.34972 Start Lon: -82.60046

End wpt: 09S = 23 End Lat: 27.34953 End Lon: -82.180076

(field)

Conditions: Waves

Weather

Glare

Sightability

Depth (ft)

Prob Feed

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

LOC: LBS

Water Temp (°C): 29.9

In-1

Out-2

Hi-3

Lo-4

Depth (ft)

LOC: LBS

Thermo/YSI Salinity (ppt): 34.9

BS:

Headings: 270

Heads:

(degrees)

(initial)

(General)

(Final)

Activity: Mill

Feed

Travel

Play

Rest

Leap/Tailslap/Chuff

Social

w/ Boat

Other

(circle word, then rank)

Mill

Feed

Travel

Play

Rest

Leap/Tailslap/Chuff

Social

w/ Boat

Other

Field Estimates

Min

Max

Best

Initials

Frames

LOC: LBS

Total Dolphins: 1

Camera A:

Camera B:

RT

CB

3-Q

LOC: LBS

Total Calves: 0

Comments:

All 3 left seawall, headed SC; ended sighting

and started new sighting.

LOC: LBS

Total YOY: 0

HI:

LOC: LBS

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

Associated Organisms: none

Name

Name

Name

Name

Name

Name

Code

Code

Code

Code

Code

Code

Code

Code

Conf.

Conf.

Conf.

Conf.

Conf.

Conf.

Conf.

Conf.

Data comp.: \_\_\_\_\_  
 Photo analysis comp.: \_\_\_\_\_

Survey #: 8799  
 Sighting #: 23

# Sarasota Dolphin Research Program

Time: 01 : 44 to 10 : 15

On Effort: Yes / No

Data comp. :  
Photo analysis comp. :

Date: 12 / Jun / 2019  
( Day / Month / Year )

Survey #: 8799

Platform: Freighter (FR)  
Effort: Focal Follow/Radio Tracking

Recorder: J. Wenzlau Observers:

Location: Jets Among Seaweed; just N of Country Club Shores LOC: LBS  
 Start wpt: 090° = 24 Start Lat: 27.34958 Start Lon: -82.40078  
(field)  
 End wpt: 180° = 20 End Lat: 27.34970 End Lon: -82.59789  
(field)

Conditions: Waves  0 Weather  1 Glare  X3 Sightability  1  
 Water Temp (°C): 29.9 Tide (circle one): In-1 Out-2 Hi-3 Lo-4 Depth (ft): 54  
 Thermo/YSI Salinity (ppt): 99.9 BS: 1 VTR (Final)  
(circle one) Headings: 320 (General)

Activity: Mill Feed Prob Feed Travel Play Rest Leap/Tailslap/Chuff Social  1 w/ Boat Other

Digital Media  
 Video Taken:  Yes / No Camera A: RT  
(circle one) Camera B: KF

Comments: Animals socializing & traveling fast  
A big ugly end of the sighting & 1-2 animals  
 HI: 0 joined. Only 9 sightings and followed

## Associated Organisms: ()

### Dolphins Sighted

Name	Code	Conf.	Name	Code	Conf.	Name	Code	Conf.
<u>F26</u>	<input type="checkbox"/>							
<u>f256</u>	<input type="checkbox"/>							

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



# Sarasota Dolphin Research Program

Time: 12 : 51 to 13 : 04

On Effort: Yes / No

Platform: Freqylo (F1)Effort: Found Follow Radio TrackData comp.: \_\_\_\_\_  
Photo analysis comp.: \_\_\_\_\_Date: 12 / JUN / 2019  
(Day / Month / Year)Survey #: 8799Sighting #: 26Location: Fault line of Little Gasparilla BayRecorder: C. Bergat

Observers: \_\_\_\_\_

Start wpt: 883 = 26 (field)Start Lat: 29.30860Start Lon: -82.54044End wpt: 336 = 26 (field)End Lat: 29.31271End Lon: -82.54135Conditions: Waves Weather Tide (circle one): In-1  Out-2 Hi-3  Lo-4 Headings: 120 (degrees) (Initial) Sightability Depth (ft): 50 

(Final)

(General)

Water Temp (°C): 29.9

ThermoYSI (circle one)

Salinity (ppt): 39.9BS: 3Activity: Milk Feed Prob Feed Travel Play Rest Leap/Tailslap/Chuff Social W/B Boat Other 

## Digital Media

Min Max Best Video Taken (Yes / No) 

(circle one)

Camera A: RIMCamera B: CBPComments: Group very spread. did not get complete photo - coverage tired to sleepHI: Q wlf 264 for GOS Fast loc trackingEnd follow & sightings @ 13:00 because no moreGPS transmissions

## Field Estimates

Min 6Max 7Best 6Total Dolphins: 6 O O Total Calves: 0 O O Total YOY: 0 O O HI: Q wlf 264 for GOS Fast loc trackingEnd follow & sightings @ 13:00 because no moreGPS transmissions

## Dolphins Sighted

Name  Code  Conf.  Name  Code  Conf.  Name  Code  Conf.F264

## Associated Organisms:

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

BF: WP005 ; EF: WP023

Date: 12 JUNE 2019

Recorder: 8794 K.Fazioli Survey Num: 8799

## Fast-Loc Tag Follow Data

Page 1 / 1

PTT ID A/B: 179063

Focal ID A/B: F266

Sighting Num: 21

GPS Type/ID: 78SC

UHF Freq:

Camera ID: A

Video ID: B

Focal ID	Time (hr:min:sec)	Distance (m)		Bearing (deg)		Tag Clear H <sub>2</sub> O (Y/N)	Antenna Clear H <sub>2</sub> 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 60m	HH		L	C	R	*T/C/S/A/F	(m)		
F266	08:30:53	-	70	-	330	Y	Y	Y	Y	-	-	Trav	WP16
	08:32:28	-	30	-	190	Y	Y	Y	Y	-	-		WP7
	08:33:41	-	30	-	305	Y	Y	Y	Y	-	-		WP9
	08:35:24	-	60	-	380	Y	Y	Y	Y	-	-		WP10
	08:36:27	-	40	-	395	Y	Y	Y	Y	-	-		WP11
	08:37:06	-	55	-	320	Y	Y	Y	Y	-	-	↓	WP12
	08:38:58	-	60	-	25	Y	Y	Y	Y	-	-		Soal
	08:39:37	-	30	-	Ø	Y	Y	Y	Y	-	-		Trav
	08:41:33	-	90	-	230	Y	Y	Y	Y	-	-		Mill
	08:43:15	-	35	-	335	Y	Y	Y	Y	-	-		Trav
	08:43:24	-	30	-	330	Y	Y	Y	Y	-	-		WP17
	08:43:57	-	10	-	270	Y	Y	Y	Y	-	-		WP18
	08:44:08	-	30	-	240	Y	Y	Y	Y	-	-	↓	WP19
	08:46:44	-	50	-	270	Y	Y	Y	Y	-	-	↓	WP20
	08:47:20	-	50	-	250	Y	Y	Y	Y	-	-		Mill
	08:50:30	-	-	-	-	-	-	-	-	-	-		WP22 no visual, UF only lost visual, left other animals
:	:	:	-	-	-	-	-	-	-	-	-		

\*T = Tight (&lt; 1 m), C = Close (1-5 m), S = Spread (5-20 m), Apart (20-50), F = Far (&gt; 50 m)

Fast-LOC Tag Follow Data

Recorder: \_\_\_\_\_ Survey Num: \_\_\_\_\_ Sighting Num: \_\_\_\_\_ GPS Type/ID: \_\_\_\_\_ UHF Freq: \_\_\_\_\_ PTT ID/A/B: \_\_\_\_\_ Focal ID/A/B: \_\_\_\_\_ Camera ID: \_\_\_\_\_ Video ID: \_\_\_\_\_ Page \_\_\_\_\_

Date: 12 Jun 2019

Recorder: A.Torello

PTT ID A/B: 199063

Survey Num: 8799

## Fast-Loc Tag Follow Data

Sighting Num: 23

Focal ID A/B: F266

GPS Type/ID: 78SC

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UHF Freq:

Video ID:

Focal ID	Time (hr:min:sec)	Distance (m)		Bearing (deg)		Tag Clear H <sub>2</sub> O (Y/N)	Antenna Clear H <sub>2</sub> 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 goni	HH		L	C	R	*T/C/S/A/F	(m)		
F266	09:07:19	—	40m	—	225	Y	Y	Y	Y	—	M	MI	027
	09:07:29	—	40m	—	225	Y	Y	Y	Y	—	—	MI	028
	09:08:38:45	—	45	349	349	Y	—	—	—	—	—		029
	09:09:02:35	—	35	—	225	Y	—	—	—	—	—		030
	09:09:58:40	40	235	999	999	Y	—	—	—	—	—		031
	09:10:	—	—	30	999	Y	—	—	—	—	—		032
	09:10:57	—	20	30	180	Y	—	—	—	—	—		033
	09:11:44	—	15	—	195	Y	—	—	—	—	—		034
	09:12:51	—	10	98	230	Y	—	—	—	—	—		035
	09:13:15	—	30	—	210	Y	—	—	—	—	—		036
	09:14:07	—	30	41	245	Y	—	—	—	—	—		037
	09:14:22	—	15	—	265	Y	—	—	—	—	—		038
	09:15:23	—	10	—	205	Y	—	—	—	—	—	PF	039
	09:15:43	—	10	—	195	Y	—	—	—	—	—	PF	040
	09:16:35	—	10	204	225	Y	—	—	—	—	—		041
	09:16:46	—	15	—	225	Y	—	—	—	—	—		042
	09:17:16	—	12	200	260	Y	—	—	—	—	—		043

\*T = Tight (&lt; 1 m), C = Close (1-5 m), S = Spread (5-20 m), Apart (20-50), F = Far (&gt; 50 m)

Date: 12 Jun 2019

Recorder: A. Torello

PTT ID A/B: 199063

Survey Num: 8799

## Fast-Loc Tag Follow Data

Sighting Num: 23

GPS Type/ID: 785C

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Focal ID A/B: F266

Camera ID:

UHF Freq:

Video ID:

Focal ID	Time (hr:min:sec)	Distance (m)		Bearing (deg)		Tag Clear H <sub>2</sub> O (Y/N)	Antenna Clear H <sub>2</sub> 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 goni	HH		L	C	R	*T/C/S/A/F	(m)			
F266	09:18:12	—	8	204	270	Y	—	—	—	—	—	—	PF	044 animals L/t vs and seaweed
	09:18:47	—	10	177	275	Y	—	—	—	—	—	—	—	045; frame 31, cam A
	09:19:41	—	20	165	265	Y	—	—	—	—	—	—	—	046; cam A, f. 32
	09:19:51	—	20	—	270	Y	—	—	—	—	—	—	—	047; <del>cam B</del> f. 4
	09:20:07	—	20	—	270	Y	—	—	—	—	—	—	—	048
	09:20:52	—	30	153	240	Y	—	—	—	—	—	—	—	049
	09:21:07	—	25	—	245	Y	—	—	—	—	—	—	—	050
	09:21:15	—	20	—	235	Y	—	—	—	—	—	—	—	051
	09:21:40	—	35	—	225	Y	—	—	—	—	—	—	—	052; cam A, f. 33
	09:22:53	—	35	—	175	Y	—	—	—	—	—	—	—	053
	09:23:18	—	30	—	215	Y	—	—	—	—	—	—	—	054
	09:23:37	—	35	64	210	Y	—	—	—	—	—	—	—	055
	09:24:22	—	30	350	235	Y	—	—	—	—	—	—	—	056
	09:24:43	—	30	—	225	Y	—	—	—	—	—	—	—	057
	09:25:49	—	25	67	225	Y	—	—	—	—	—	—	—	058
	09:26:51	—	30	351	270	Y	—	—	—	—	—	—	—	059
	09:27:01	23	30	—	—	Y	—	—	—	—	—	+	—	060

\*T = Tight (&lt; 1 m), C = Close (1-5 m), S = Spread (5-20 m), Apart (20-50), F = Far (&gt; 50 m)

Date: 12 Jun 2019

Recorder: A. Torello

PTT ID A/B: 199063

Survey Num: 8799

## Fast-Loc Tag Follow Data

Sighting Num: 23

Focal ID A/B: F266 /

GPS Type/ID: 78SC

Camera ID:

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UHF Freq:

Video ID:

Focal ID	Time (hr:min:sec)	Distance (m)		Bearing (deg)		Tag Clear H <sub>2</sub> O (Y/N)	Antenna Clear H <sub>2</sub> 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 30m	HH		L	C	R	*T/C/S/A/F		
F266	09:27:34	—	23	—	265	Y	—	—	—	—	PF	061
↓	09:27:38	—	23	—	265	Y	—	—	—	—	PF	062
:	: 19.5	—	—	—	—	—	—	—	—	—	missed after surfacing	
F266	09:28:34	19.5	—	—	230	Y	—	—	—	—	PF	065, cam B, f. 6
	09:28:40	25.9	—	—	255	Y	—	—	—	—		066
	09:29:55	—	28	—	245	Y	—	—	—	—		067
	09:30:54	—	22.3	83	295	Y	—	—	—	—		069
	09:31:01	—	15	—	295	Y	—	—	—	—		070
	09:31:18	—	18	83	295	Y	—	—	—	—		071, B 7
	09:31:46	—	15	—	270	Y	—	—	—	—		072
	09:32:08	—	20	—	295	Y	—	—	—	—		073
	09:32:23	20	—	—	300	Y	—	—	—	—		074
	09:32:28	20	—	—	300	Y	—	—	—	—	L 6	075
	09:33:30	—	3	19	5	Y	—	—	—	—	PF	076
	09:34:09	—	10	223	210	Y	—	—	—	—		077
	09:34:32	—	20	—	230	Y	—	—	—	—		078
↓	09:34:52	—	20	261	230	Y	—	—	—	—		079

\*T = Tight (&lt; 1 m), C = Close (1-5 m), S = Spread (5-20 m), Apart (20-50), F = Far (&gt; 50 m)

Date: 12 Jun 2019

Recorder: A Torello

PTT ID A/B: 199063

Survey Num: 8799

## Fast-Loc Tag Follow Data

Sighting Num: 23

GPS Type/ID: 78SC

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Focal ID A/B: F266

Camera ID:

UHF Freq:

Video ID:

Focal ID	Time (hr:min:sec)	Distance (m)		Bearing (deg)		Tag Clear H <sub>2</sub> O (Y/N)	Antenna Clear H <sub>2</sub> 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)			
F266	09:35:25	—	30	279	210	Y	—	→	—	—	—	—	PF	080
	09:35:55	—	20	—	180	Y	—	→	—	—	—	—	—	081
	09:36:53	21.9	—	90	210	Y	—	→	—	—	—	—	—	082
	09:37:00	20.4	—	—	225	Y	—	→	—	—	—	—	—	083
	09:37:44	—	34	—	240	Y	—	→	—	—	—	—	—	084
	09:38:16	—	32	312	240	Y	—	→	—	—	—	—	—	085
	09:39:02	—	40	312	225	Y	—	→	—	—	—	—	—	086
	09:39:11	—	40	312	225	Y	—	→	—	—	—	—	—	0
	09:40:10	19.8	—	330	235	Y	—	→	—	—	—	—	—	087; cam B, t. 8
	09:40:47	—	22	260	250	Y	—	→	—	—	—	—	—	088, hung @ surface
	09:41:13	22.8	—	—	261	Y	—	→	—	—	—	—	—	089
	09:41:31	22.4	—	189	215	Y	—	→	—	—	—	—	—	090
	09:41:56	—	30	—	175	Y	—	→	—	—	—	—	—	091
	09:42:58	—	830	87	310	Y	—	→	—	—	—	—	—	0
	09:43:23	—	20	—	310	Y	—	→	—	—	—	—	—	092
	09:43:36	—	15	—	310	Y	—	→	—	—	—	—	—	093
	09:44:10	—	—	—	—	Y	—	→	—	—	—	—	—	0

\*T = Tight (&lt; 1 m), C = Close (1-5 m), S = Spread (5-20 m), Apart (20-50), F = Far (&gt; 50 m)

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

Focal ID	Time (hr:min:sec)	Distance (m)			Bearings (deg)			Tag Antenna Clear H <sub>2</sub> O	Focal ID	Comments
		Rifinder	Visual	Rifinder	Clear H <sub>2</sub> O	L	C	R	*T/C/S/A/F (m)	State
F2004 09:48:00	-	120	-	330	Y Y Y	-	-	leap	WP 108	
09:48:39	-	70	328	330	Y Y Y	-	-	swim	WP 109	
09:49:36	-	150	-	225	Y Y Y	-	-	leap	WP 110	
09:50:00	-	150	-	225	Y Y Y	-	-	leap	WP 111	
09:50:31	-	150	-	225	Y Y Y	-	-	leap	WP 112	
09:51:16	-	100	374	100	E N E	-	-	leap	WP 113	
09:51:51	-	70	-	300	Y Y Y	-	-	swim	WP 114	A S 2
09:52:28	-	70	-	300	Y Y Y	-	-	leap	WP 115	
09:52:53	-	70	-	300	Y Y Y	-	-	leap	WP 116	
09:53:35	-	35	-	—	—	-	-	—	—	
09:54:16	SS	328	330	Y Y Y	Y Y Y	Y Y Y	Y Y Y	leap	WP 117	
09:54:37	-	30	11	310	Y Y Y	Y Y Y	Y Y Y	leap	WP 118	
09:55:03	-	3	-	370	Y Y Y	Y Y Y	Y Y Y	leap	WP 119	

1234567890 Date: 12/30/2019 Recorder: K.F. Survey Num: 8399 Sighting Num: 49 GPS Type/ID: TS-SC Focal ID/A/B: F206 Camera ID: A UHF Freq: B Video ID: B Page 1 / 4

## Fast-Loc Tag Follow Data

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Lbdt: fB

Date: 12 June 2019Recorder: KF  
PTT ID A/B: 179063Survey Num: 8799Focal ID A/B: F266

## Fast-Loc Tag Follow Data

Page 2 / 4Sighting Num: 24GPS Type/ID: 785CCamera ID: A

UHF Freq: \_\_\_\_\_

Video ID: B

Focal ID	Time (hr:min:sec)	Distance (m)		Bearing (deg)		Tag Clear H <sub>2</sub> O (Y/N)	Antenna Clear H <sub>2</sub> 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		
F266	09:55:27	—	30	274	—	Y	—	—	—	—	—	
	09:55:44	465	50	140	—	—	—	—	—	—	social	WP 114
	09:56:05	—	30	—	155	—	—	—	—	—	—	115
	09:56:23	—	30	—	155	—	—	—	—	—	—	116
	09:56:44	—	3	—	85	—	—	—	—	—	—	117
	09:57:10	—	20	350	150	N	Y	—	—	—	—	118 antenna up, tag under
	09:57:23	—	25	350	145	N	Y	—	—	—	—	119
	09:57:34	38.4	38.4	—	150	Y	—	—	—	—	Social	120
	09:58:15	—	—	—	—	—	—	—	—	—	—	121
	09:58:23	—	50	354	120	—	—	—	—	—	Trav	122
	09:58:41	—	40	—	135	—	—	—	—	—	Trav	123
	09:59:17	—	150	61	190	—	—	—	—	—	leaf	124
	10:00:17	—	100	—	190	—	—	—	—	—	WP	125
	10:00:30	—	70	—	190	—	—	—	—	—	Trav	126
	10:00:41	—	50	—	185	—	—	—	—	—	Trav	127
	10:01:11	—	50	—	185	—	—	—	—	—	Trav	128
↓	10:01:53	—	60	—	215	—	—	—	—	—	Trav	129

\*T = Tight (&lt; 1 m), C = Close (1-5 m), S = Spread (5-20 m), Apart (20-50), F = Far (&gt; 50 m)

Fast-LOC Tag Follow Data

Focal ID <small>(hr:min:sec)</small>	Time <small>(hr:min:sec)</small>	Comments Include entangling element type and location if any										
		Distance (m)	Bearing (deg)	Rifidder	Visual	Rifidder	Clear H <sub>2</sub> O (Y/N)	Antenna Clear HH	Tag H <sub>2</sub> O (Y/N)	Distance to other Focal ID	Behav	State
Follow 10:02:34	-	15	-	135	Y	Y	Y	Y	Y	130	Up	UHF
		25	-	135	Y	Y	Y	Y	Y	131	Up	UHF
		50	-	115	Y	Y	Y	Y	Y	133	Up	UHF
		100	-	155	Y	Y	Y	Y	Y	134	Up	UHF
		130	-	135	Y	Y	Y	Y	Y	134	Up	UHF
		150	-	115	Y	Y	Y	Y	Y	135	Up	UHF
		175	-	115	Y	Y	Y	Y	Y	136	Up	UHF
		20	-	135	Y	Y	Y	Y	Y	137	Up	UHF
		30	-	135	Y	Y	Y	Y	Y	138	Up	UHF
		40	-	130	Y	Y	Y	Y	Y	139	Up	UHF
		50	-	130	Y	Y	Y	Y	Y	140	Up	UHF
		55	-	130	Y	Y	Y	Y	Y	141	Up	UHF
		70	-	185	S	C	S	C	S	142	Up	UHF
		80	-	181	S	C	S	C	S	143	Up	UHF
		90	-	335	S	C	S	C	S	144	Up	UHF
		100	-	34	S	C	S	C	S	145	Up	UHF
		130	-	30	S	C	S	C	S	146	Up	UHF
		135	-	20	S	C	S	C	S	147	Up	UHF
		138	-	130	S	C	S	C	S	148	Up	UHF
		147	-	20	S	C	S	C	S	149	Up	UHF
		165	-	135	S	C	S	C	S	150	Up	UHF
		175	-	115	S	C	S	C	S	151	Up	UHF
		190	-	135	S	C	S	C	S	152	Up	UHF
		20	-	138	S	C	S	C	S	153	Up	UHF
		30	-	138	S	C	S	C	S	154	Up	UHF
		35	-	135	S	C	S	C	S	155	Up	UHF
		35	-	135	S	C	S	C	S	156	Up	UHF
		35	-	135	S	C	S	C	S	157	Up	UHF
		35	-	135	S	C	S	C	S	158	Up	UHF
		35	-	135	S	C	S	C	S	159	Up	UHF
		35	-	135	S	C	S	C	S	160	Up	UHF
		35	-	135	S	C	S	C	S	161	Up	UHF
		35	-	135	S	C	S	C	S	162	Up	UHF
		35	-	135	S	C	S	C	S	163	Up	UHF
		35	-	135	S	C	S	C	S	164	Up	UHF
		35	-	135	S	C	S	C	S	165	Up	UHF
		35	-	135	S	C	S	C	S	166	Up	UHF
		35	-	135	S	C	S	C	S	167	Up	UHF
		35	-	135	S	C	S	C	S	168	Up	UHF
		35	-	135	S	C	S	C	S	169	Up	UHF
		35	-	135	S	C	S	C	S	170	Up	UHF
		35	-	135	S	C	S	C	S	171	Up	UHF
		35	-	135	S	C	S	C	S	172	Up	UHF
		35	-	135	S	C	S	C	S	173	Up	UHF
		35	-	135	S	C	S	C	S	174	Up	UHF
		35	-	135	S	C	S	C	S	175	Up	UHF
		35	-	135	S	C	S	C	S	176	Up	UHF
		35	-	135	S	C	S	C	S	177	Up	UHF
		35	-	135	S	C	S	C	S	178	Up	UHF
		35	-	135	S	C	S	C	S	179	Up	UHF
		35	-	135	S	C	S	C	S	180	Up	UHF
		35	-	135	S	C	S	C	S	181	Up	UHF
		35	-	135	S	C	S	C	S	182	Up	UHF
		35	-	135	S	C	S	C	S	183	Up	UHF
		35	-	135	S	C	S	C	S	184	Up	UHF
		35	-	135	S	C	S	C	S	185	Up	UHF
		35	-	135	S	C	S	C	S	186	Up	UHF
		35	-	135	S	C	S	C	S	187	Up	UHF
		35	-	135	S	C	S	C	S	188	Up	UHF
		35	-	135	S	C	S	C	S	189	Up	UHF
		35	-	135	S	C	S	C	S	190	Up	UHF
		35	-	135	S	C	S	C	S	191	Up	UHF
		35	-	135	S	C	S	C	S	192	Up	UHF
		35	-	135	S	C	S	C	S	193	Up	UHF
		35	-	135	S	C	S	C	S	194	Up	UHF
		35	-	135	S	C	S	C	S	195	Up	UHF
		35	-	135	S	C	S	C	S	196	Up	UHF
		35	-	135	S	C	S	C	S	197	Up	UHF
		35	-	135	S	C	S	C	S	198	Up	UHF
		35	-	135	S	C	S	C	S	199	Up	UHF
		35	-	135	S	C	S	C	S	200	Up	UHF
		35	-	135	S	C	S	C	S	201	Up	UHF
		35	-	135	S	C	S	C	S	202	Up	UHF
		35	-	135	S	C	S	C	S	203	Up	UHF
		35	-	135	S	C	S	C	S	204	Up	UHF
		35	-	135	S	C	S	C	S	205	Up	UHF
		35	-	135	S	C	S	C	S	206	Up	UHF
		35	-	135	S	C	S	C	S	207	Up	UHF
		35	-	135	S	C	S	C	S	208	Up	UHF
		35	-	135	S	C	S	C	S	209	Up	UHF
		35	-	135	S	C	S	C	S	210	Up	UHF
		35	-	135	S	C	S	C	S	211	Up	UHF
		35	-	135	S	C	S	C	S	212	Up	UHF
		35	-	135	S	C	S	C	S	213	Up	UHF
		35	-	135	S	C	S	C	S	214	Up	UHF
		35	-	135	S	C	S	C	S	215	Up	UHF
		35	-	135	S	C	S	C	S	216	Up	UHF
		35	-	135	S	C	S	C	S	217	Up	UHF
		35	-	135	S	C	S	C	S	218	Up	UHF
		35	-	135	S	C	S	C	S	219	Up	UHF
		35	-	135	S	C	S	C	S	220	Up	UHF
		35	-	135	S	C	S	C	S	221	Up	UHF
		35	-	135	S	C	S	C	S	222	Up	UHF
		35	-	135	S	C	S	C	S	223	Up	UHF
		35	-	135	S	C	S	C	S	224	Up	UHF
		35	-	135	S	C	S	C	S	225	Up	UHF
		35	-	135	S	C	S	C	S	226	Up	UHF
		35	-	135	S	C	S	C	S	227	Up	UHF
		35	-	135	S	C	S	C	S	228	Up	UHF
		35	-	135	S	C	S	C	S	229	Up	UHF
		35	-	135	S	C	S	C	S	230	Up	UHF
		35	-	135	S	C	S	C	S	231	Up	UHF
		35	-	135	S	C	S	C	S	232	Up	UHF
		35	-	135	S	C	S	C	S	233	Up	UHF
		35	-	135	S	C	S	C	S	234	Up	UHF
		35	-	135	S	C	S	C	S	235	Up	UHF
		35	-	135	S	C	S	C	S	236	Up	UHF
		35	-	135	S	C	S	C	S	237	Up	UHF
		35	-	135	S	C	S	C	S	238	Up	UHF
		35	-	135	S	C	S	C	S	239	Up	UHF
		35	-	135	S	C	S	C	S	240	Up	UHF
		35	-	135	S	C	S	C	S	241	Up	UHF
		35	-	135	S	C	S	C	S	242	Up	UHF
		35	-	135	S	C	S	C	S	243	Up	UHF
		35	-	135	S	C	S	C	S	244	Up	UHF
		35	-	135	S	C	S	C	S	245	Up	UHF
		35	-	135	S	C	S	C	S	246	Up	UHF
		35	-	135	S	C	S	C	S	247	Up	UHF
		35	-	135	S	C	S	C	S	248	Up	UHF
		35	-	135	S	C	S	C	S	249	Up	UHF
		35	-	135	S	C	S	C	S	250	Up	UHF
		35	-	135	S	C	S	C	S	251	Up	UHF
		35	-	135	S	C	S	C	S	252	Up	UHF
		35	-	135	S	C	S	C	S	253	Up	UHF
		35	-	135	S	C	S	C	S	254	Up	UHF
		35	-	135	S	C	S	C	S	255	Up	UHF
		35	-	135	S	C	S	C	S	256	Up	UHF
		35	-	135	S	C	S	C	S	257	Up	UHF
		35	-	135	S	C	S	C	S	258	Up	UHF
		35	-	135	S	C	S	C	S	259	Up	UHF
		35	-	135	S	C	S	C	S	260	Up	UHF
		35	-	135	S	C	S	C	S	261	Up	UHF

Focal ID (hr:min:sec)	Time	Comments											
		Distance (m)	Bearing (deg)	Tag	Antenna Clear	Distance to other	Focal ID	Behav	State	HH	Clear H <sub>2</sub> O (Y/N)	Rfinder H <sub>2</sub> O	Rfinder Visual
Include entanglement type and camera ID and frame # if any													
ES we 149	10:13:49	-	40	-	300	Y Y Y Y	-	TAN	we 148				
ES we 149	10:12:51	-	SD	-	335	Y Y Y Y	-	TAN	we 147				
Include entanglement type and camera ID and frame # if any													
End Cell													

Date: K. Tazzari Survey Num: 8499 Sigthing Num: 24 GPS Type/ID: 385C PTT ID A/B: 149063 Focal ID A/B: ES we 149 Camera ID: A UHF Freq: B Page 4/4

## Fast-LOC Tag Follow Data

ES we 149

## Fast-LOC Tag Follow Data

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Video ID: B

JHF Fred:

GPS Type/ID: 18SC Camera ID: A

10

Survey Num: 198 Date: 1/1/2011 Focal ID A/B:

16

120

Date: 12/30/06

Date: 12 JUN 2019Recorder: S. PuthiyaiSurvey Num: 8799

## Fast-Loc Tag Follow Data

Page 2 / 8PTT ID A/B: 121003 /Sighting Num: 25Focal ID A/B: F266 /GPS Type/ID: 78 SCCamera ID: A

UHF Freq: \_\_\_\_\_

Video ID: B (gopro)

Focal ID	Time (hr:min:sec)	Distance (m)		Bearing (deg)		Tag Clear H <sub>2</sub> O (Y/N)	Antenna Clear H <sub>2</sub> 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)		
F266	10:21:56	-	25	-	150	y							WP 170
	10:22:10	-	35	-	150	y						MIL	WP 171
	10:22:41	-	60		120	y							WP 172
	10:23:14												WP 173 NO VISUAL (sound)
	10:23:56	-	65		215	y						TR	WP 174
	10:22:22	-	80		225	y							WP 175
	10:22:45	-	60		235	y	y	y	y				WP 176
	10:23:16	-	120		30	y							WP 177
	10:23:52	-	70		35	y							WP 178
	10:23:25	-	40		0	y							WP 179
	10:23:52	-	50		350	y							WP 180 missed some!
	10:23:04	-	40		60	y							WP 181
	10:23:34	-	10		45	y							WP 182 CA 109
	10:24:01	F	10		0	y							WP 183
	10:24:54	-	20		295	y							WP 184
	10:24:15	-	7		330	y							WP 185
↓	10:24:29	U			355	y							WP 186

\*T = Tight (&lt; 1 m), C = Close (1-5 m), S = Spread (5-20 m), Apart (20-50), F = Far (&gt; 50 m)

Focal ID	Fast-LOC Tag Follow Data											
	Distance (m)	Bearng (deg)			Antenna Clear H <sub>2</sub> O (Y/N)	Focal ID	Behav	Comments				
		Rflmder	Visual	Rflmder	Tag	C	R	*T/C/S/A/F (m)	State			
F266	10:42:26	-	15	-	350	y	←	TR	WP 187			
	10:42:37	-	12	-	330	y	←					
	10:43:31	-	20	-	285	N	YY					
	10:44:26	-	25	-	290	y	←					
	10:44:43	29.8	25	-	290	y	←					
	10:45:56	-	35	-	225	N	N Y N					
	10:46:30	40.3	40	-	215	N	NYN					
	10:46:49	WP 193	20	-	225	N	N Y N					
	10:46:56	WP 192	25	-	290	y	←					
	10:47:02	WP 194	25	-	255	y	←					
	10:47:09	WP 194	25	-	240	y	←					
	10:47:35	WP 194	35	-	240	y	←					
	10:48:26	WP	35	-	220	y	yy					
	10:49:08	WP 198	25	-	265	y	yy					
	10:49:13	WP 199	25	-	230	yy	yy					
	10:49:44	CA 113	35	-	10	—	—					
	10:49:45	CA 114	35	-	120	yy	yy					
	10:49:51	WP 200	25	-	190	N	NYN					
	10:51:15	WP 201	15	-	—	—	—					
	10:51:35	CA 115	25	-	150	yy	yy					
	10:51:48	CA 116	25	-	—	—	—					
	10:51:49	WP 202	25	-	—	—	—					

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

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Date: 12 JUN 2019 Recorder: S\_PULHIGAYA Survey Num: 8999 Focal ID A/B: F266 GPS Type/ID: 78SC UHF Freq: 825.5 PTT ID A/B: F266 GPS ID A/B: F266 Video ID: A Camera ID:

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

Recorder: S. Purnima / Date: 12-01-2014 / Page 1 / 8  
PRT ID/A/B: (REDACTED) / Survey Num: 899 / Focal ID/A/B: (REDACTED) / Video ID: B (gpr)  
UHF Freq: Camera ID: A  
GPS Type/ID: 78CS / GPS Num: 25 / Sighting Num: 25

#### Fast-LOC Tag Follow Data

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Fast-LOC Tag Follow Data

Date: 11 JAN 2019 Recorder: S. P. AUTHYAL Survey Num: 8799 Sighting Num: 25 PTT ID AB: D99163 Focal ID AB: T2U Camera ID: A UHF Freq: 148.000000 Video ID: B

Date: 12 JUN 2019

Recorder: S Putnayi

Survey Num: 8799

## Fast-Loc Tag Follow Data

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PTT ID A/B: 2190063

Focal ID A/B: 1179003

Sighting Num: 25

GPS Type/ID: 78GS

UHF Freq:

Camera ID:

Video ID:

Focal ID	Time (hr:min:sec)	Distance (m)		Bearing (deg)		Tag Clear H <sub>2</sub> O (Y/N)	Antenna Clear H <sub>2</sub> O (Y/N)		Distance to other Focal ID		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	
	11:18:05										WR 236
PW0	11:19:35	-	80	342	210	Y	Y	Y	Y		WR 237
	11:19:41	-	30	-	235	Y	Y	Y	Y	PF	WR 238
	11:20:30	-	50	194	175	Y	Y	Y	Y	TR	WR 239
	11:20:51	-	40	-	195	N	N	Y	N		WR 240
	11:21:36	-	60	339	175	Y	Y	Y	Y		WR 241 B: 12
	11:22:34	-	45	319	235	Y	Y	Y	N	PF	WR 242
	11:23:41	-	60	211	195	N	N	Y	N		WR 243
	11:23:50	-	60	-	195	(		)			WR 244 no visual
	11:24:12	30.3	-	-	170	Y	Y	Y	Y		WR 245
	11:25:05	-	70	-	200	Y	Y	Y	Y	TR	WR 246
	11:25:20	-	80	260	235	Y	Y	Y	Y	TR	WR 247
	11:26:50	-	50	216	250	Y	Y	Y	Y	TR	WR 248
	11:27:34	-	50	340	125	Y					WR 249
	11:27:58		50	-	135	Y					WR 250
	11:28:09		30	-	120	Y					WR 251
	11:28:55		50	246	210	Y					WR 252

\*T = Tight (&lt; 1 m), C = Close (1-5 m), S = Spread (5-20 m), Apart (20-50), F = Far (&gt; 50 m)

$T = \text{Tight} (< 1 \text{ m}), C = \text{Close} (1-5 \text{ m}), S = \text{Spread} (5-20 \text{ m}), A = \text{Apert} (20-50 \text{ m}), F = \text{Far} (> 50 \text{ m})$

Recorder: S-PumaPPI Survey Num: 8399 Sighting Num: 25 GPS Type/ID: 7856 Focal ID/A/B: F266 Camera ID: A UHF Freq: Video ID: E PTT ID/A/B: 139063 / 139063 Date: 12 JUN 2017 Page 4 / 8



Focal ID	Time (hr:min:sec)	Distance (m)							Comments Include entanglement type and location if any	
		Bearing (deg)	Antenna Clear	Tag Clear H <sub>2</sub> O	Rf minder	Visual	Focal ID	L C R	*T/C/S/A/F (m)	
<b>Fast-LOC Tag Follow Data</b>										
12:33:38	12/13/2019	65	359	15	h h h	Tk	WP 290			
12:33:57	12/13/2019	40	32	y h h	Tk	WP 291				
12:34:18	12/13/2019	35	—	y h h	Tk	WP 292				
12:34:52	12/13/2019	—	—	—	—	—	NE visual, WP 293			
12:35:57	12/13/2019	75	—	y h h	Tk	WP 294				
12:36:16	12/13/2019	180	—	y h h	Tk	WP 295				
12:36:31	12/13/2019	160	355	340	↑↑↑↑↑↑↑↑↑↑	TR	WP 296			
12:37:33	12/13/2019	20	159	x —	h h h	TR	WP 297			
12:38:50	12/13/2019	130	178	315	—	—	WP 298, frame 1S on B - 1 sec			
12:39:16	12/13/2019	—	—	—	—	—	WP 299 NO visual.			
12:40:40	12/13/2019	40	39	180	—	—	WP 300			
12:41:45	12/13/2019	40	40	—	—	—	WP 301, frame 1U at cam 8			
12:42:45	12/13/2019	360	315	—	—	—	WP 302			
12:43:49	12/13/2019	303	—	—	—	—	WP 303			
12:44:04	12/13/2019	304	—	—	—	—	WP 304			
12:44:28	12/13/2019	305	—	—	—	—	WP 305			
12:44:51	12/13/2019	306	—	—	—	—	WP 306, frame 17 of 18			

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

Date: 12/13/2019 Recorder: J. McNeil/SC19 Survey Num: 8799 Sighting Num: AU GPS Type/ID: T8SC UHF Freq: 8 Camera ID: A PTT ID AB: 129064 Focal ID AB: FAUy / Video ID: B Page 1/3

Date: 12/6/19

Recorder: J. Wendlandau

Survey Num: 8799

## Fast-Loc Tag Follow Data

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PTT ID A/B: 1990

Focal ID A/B: F264

Sighting Num: 26

GPS Type/ID: 785C

UHF Freq:

Camera ID: A

Video ID: B

Focal ID	Time (hr:min:sec)	Distance (m)		Bearing (deg)		Tag Clear H <sub>2</sub> O (Y/N)	Antenna Clear H <sub>2</sub> 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)		
F264	12:43:21	30	—	135	4	Y	Y	Y	Y			TR	WP 307
	12:44:16	50	—	155	4	Y	Y	Y	Y				WP 308
	12:45:43	90	6	45	1	1	1	1	1				WP 309
	12:45:58	60	—	475									WP 310
	12:46:12	60	13	75									WP 311
	12:46:30	50	—	45									WP 312
	12:46:47	35	—	45									WP 313, Frame 18 of cam B
	12:47:58	60	163	X210									WP 314
	12:48:30	60	13	210									WP 315
	12:48:44	60	—	215									WP 316
	12:48:58	50	—	240									WP 317, Frame 19 of cam B
	12:49:21	15	329	295									WP 318
	12:50:03	—	37	—	↓	↓	↓	↓	↓				WP 319, no visual
	12:50:21	50	—	390	N	N	N	N					WP 320
	12:50:39	50	28	85	Y	Y	Y	Y					WP 321
	12:51:31	—	197	X-									WP 322, no visual
	12:52:35	65	117	270									WP 323

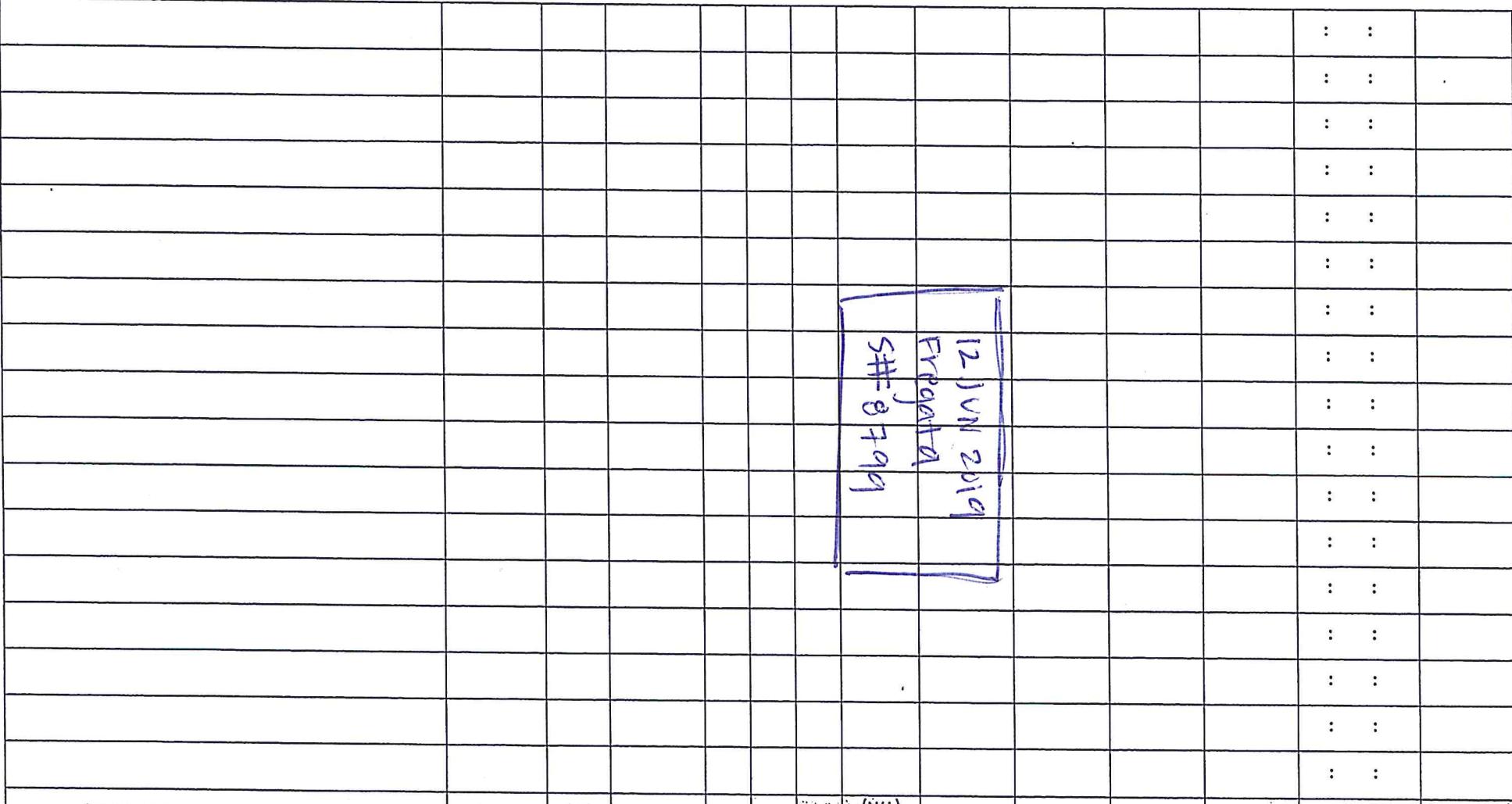
\*T = Tight (&lt; 1 m), C = Close (1-5 m), S = Spread (5-20 m), Apart (20-50), F = Far (&gt; 50 m)

Focal ID	Time (hr:min:sec)	Fast-LOC Tag Follow Data											
		Distance (m)			Bearing (deg)			Antenna Clear		Focal ID		Comments	
		Rf minder	Visual	Rf minder	Tag	Clear H <sub>2</sub> O	H <sub>2</sub> O (Y/N)	Focal ID	*T/C/S/A/F	(m)	Behav State	lincude entanglement type and location if any	
Faru4	12:54:46	60	-	360	h	yy	y	TR		UHF 344			
	12:55:00	70	-	360									
	12:55:24	80	320	370									
	12:55:27	80	320	370									
	12:55:28	80	328										
	12:55:31	10	351	295									
	12:55:38	SO	38	Sh									
	12:55:41	HO	-	35									
	12:55:48	AS	24	Sh									
	12:56:50	WP 331	190										
	12:57:11	WP 332,											
	12:57:18	WP 333,	—	21									
	12:58:08	WP 334,	—	15	—								
	12:59:38	WP 335,	WP 336	—	—								
	13:00:38	WP 336, no visual											

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

Date: 12/18/19 Recorder: J. Weller/lowe Survey Num: 87999 Sighting Num: BL0 GPS Type/ID: 78SC UHF Freq: 13 PTT ID A/B: 134064 Focal ID A/B: Faru4 / Camera ID: A Video ID: B

FAST-LOC Tag Follow Data

Date:	Survey Num:	Sighting Num:	GPS Type/ID:	UHF Freq:	Recorder:	PTR ID A/B:	Focal ID A/B:	Camera ID:	Video ID:
Distance (m)      Bearing (deg)      Rfinder Visual      Rfnder Clear      Antenna Clear      Distance to other Time (hr:min:sec)      Tag H <sub>2</sub> O (y/n)      H <sub>2</sub> O (y/n)      Focal ID Focal ID      Comments Rfnder      Visual      Rfnder      HH      Tag H <sub>2</sub> O (y/n)      C R *T/C/S/A/F (m)      State L C R *T/C/S/A/F (m)      Behav Comments <small>Including entanglement type and location if any</small>									
 <div style="position: absolute; left: 550px; top: 350px; border: 1px solid black; padding: 5px; background-color: white;">           12 JUN 2019            Projata            S#8799         </div>									