

FLIGHT REPORT
ShoreZone Aerial Video Imaging (AVI) Survey
Team Sunshine Coast (SC)
July 18-22, 2020



CORI Survey Personnel (from left to right: Sarah Cook, Sean Daley and Gary Pinneo)

Prepared for:
Department of Fisheries and Oceans

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This flight report summarizes the field activities of the ShoreZone aerial video imaging survey conducted out of Sechelt, British Columbia on July 18-22, 2020. The survey was conducted by Coastal & Ocean Resources (CORI) for the Department of Fisheries and Oceans (DFO). All work was completed in cooperation with the shíshálh and Tla’amin First Nations. This survey was conducted during the COVID-19 pandemic so the survey team followed all provincial and federal health and safety guidelines including social distancing, hand sanitizing and the wearing of face coverings. Table 1 provides a summary of field crew affiliations and responsibilities.

The tables and figures on the following pages summarize the extent and location of the 1,440 km of the Sunshine Coast shoreline imagery completed for this project (Figure 1).

A Bell 206LR helicopter and an AS350B2 Helicopter were chartered from Airspan Helicopters based in Sechelt, BC for the aerial survey. All imagery was collected according to the latest ShoreZone protocol (Cook *et al.* 2017). Imagery was collected looking at the shoreline from the left side of the aircraft with the doors removed for better field of view. The helicopter maintained a speed of approximately 100 km/hour at an elevation of 100 meters, while at a distance of 100 meters from the low water line, so the imagery was collected at an oblique angle to the intertidal. Slight deviations from this height and speed were needed in some sections due to air traffic restrictions around built up areas over communities.

A total of 15.5 hrs of HD video and 16,885 high resolution photos were collected during the survey. This report contains a summary table and map of the imagery, illustrating location, length, and key geographic points. All videos and photos for this survey will be supplied to the shíshálh First Nation for review and identification of imagery that identifies sensitive cultural sites or features. That imagery will be dealt with according to an agreement in place between the shíshálh First Nation, DFO and CORI. The final deliverables, as determined by that agreement, will be provided to DFO on a hard drive and will be posted on the [Coastal & Ocean Resources ArcGIS site](#). The imagery is linked to the 1-second positional fixes collected by the GPS in the helicopter by a date-time code (yyyymmddhhmmss). That flightline shapefile will be provided with the imagery.

Table 1. Flight Personnel and Responsibilities for Team Sunshine Coast (SC).

Crew Member	Individual / Affiliation	Responsibilities
<i>Geomorphologist</i>	Sean Daley CORI	Videography, geomorphic commentary, survey planning & coordination, post-flight data processing
<i>Coastal Ecologist</i>	Sarah Cook CORI	Digital photography, biologic commentary, post-flight data processing
<i>In-Flight Navigator</i>	Gary Pinneo CORI	In-flight navigation, post-flight data processing
<i>Pilot(s)</i>	Greg Walz, Barrett Soroka Airspan Helicopters	Bell 206LR and AS350B2 aircraft operation

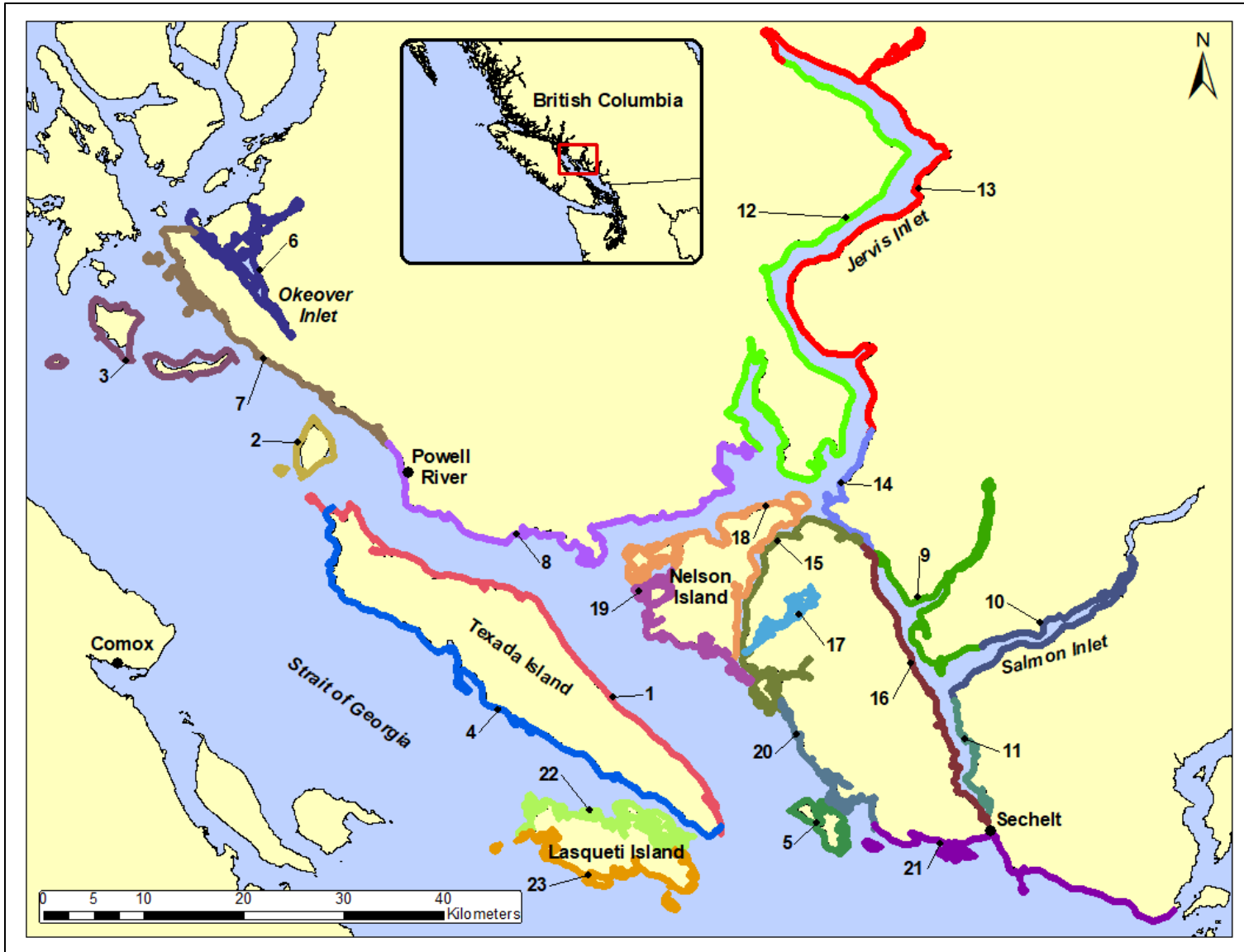


Figure 1. Video location map for the July 18-22, 2020 Team Sunshine Coast (SC) ShoreZone aerial imaging survey conducted out of Sechelt, BC.

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**List of video segments (logs and maps) for Team Sunshine Coast (SC) July 18-22
ShoreZone aerial imaging survey.**

Video Number	Location	Page
BC20_SC_01	East Texada Island	5
BC20_SC_02	Harwood Island, Vivian Island	7
BC20_SC_03	Savary Island, Hernando Island, Mitlenatch Island	9
BC20_SC_04	West Texada Island	11
BC20_SC_05	North Thormanby Island, South Thormanby Island	13
BC20_SC_06	Gifford Peninsula, Lancelot Inlet, Okeover Inlet	15
BC20_SC_07	Malaspina Peninsula, Lund, Powell River	17
BC20_SC_08	Powell River, Malaspina Strait, Jervis Inlet	19
BC20_SC_09	East Sechelt Inlet, Narrows Inlet, Salmon Inlet	21
BC20_SC_10	Salmon Inlet	23
BC20_SC_11	East Sechelt Inlet, Porpoise Bay	25
BC20_SC_12	Hotham Sound, Jervis Inlet, Queens Reach	27
BC20_SC_13	Queens Reach, Princess Louisa Inlet, Jervis Inlet	29
BC20_SC_14	Jervis Inlet, Egmont Point	31
BC20_SC_15	East Agamemnon Channel, Pender Harbour	33
BC20_SC_16	West Sechelt Inlet	35
BC20_SC_17	Sakinaw Lake	37
BC20_SC_18	Nelson Island, Captain Island, Hardy Island	39
BC20_SC_19	Blind Bay, Nelson Island	41
BC20_SC_20	West Sechelt Peninsula, Secret Cove, Halfmoon Bay	43
BC20_SC_21	Trail Islands, Sechelt, Davis Bay, Roberts Creek	45
BC20_SC_22	North Lasqueti Island	47
BC20_SC_23	South Lasqueti Island	49

**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

Video: BC20_SC_01

Date: 18 July 2020

General Location: East Texada Island

Time Start (UTC): 16:04:20

Geo: Daley

Time End (UTC): 16:50:13

Bio: Cook

Video Length: 45 min 53 sec

Nav: Pinneo

Weather: Sunny

Pilot: Walz

Time (UTC)	Location	Photo
16:04:20	South Texada Island	bc20_sc_00001
16:15:03	East Texada Island	bc20_sc_00244
16:25:45	Northeast Bay	bc20_sc_00492
16:33:35	Raven Bay	bc20_sc_00649
16:46:10	Blubber Bay	bc20_sc_00917



**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

Video: BC20_SC_02

Date: 18 July 2020

General Location: Harwood Island, Vivian Island

Time Start (UTC): 16:51:20

Geo: Daley

Time End (UTC): 17:03:27

Bio: Cook

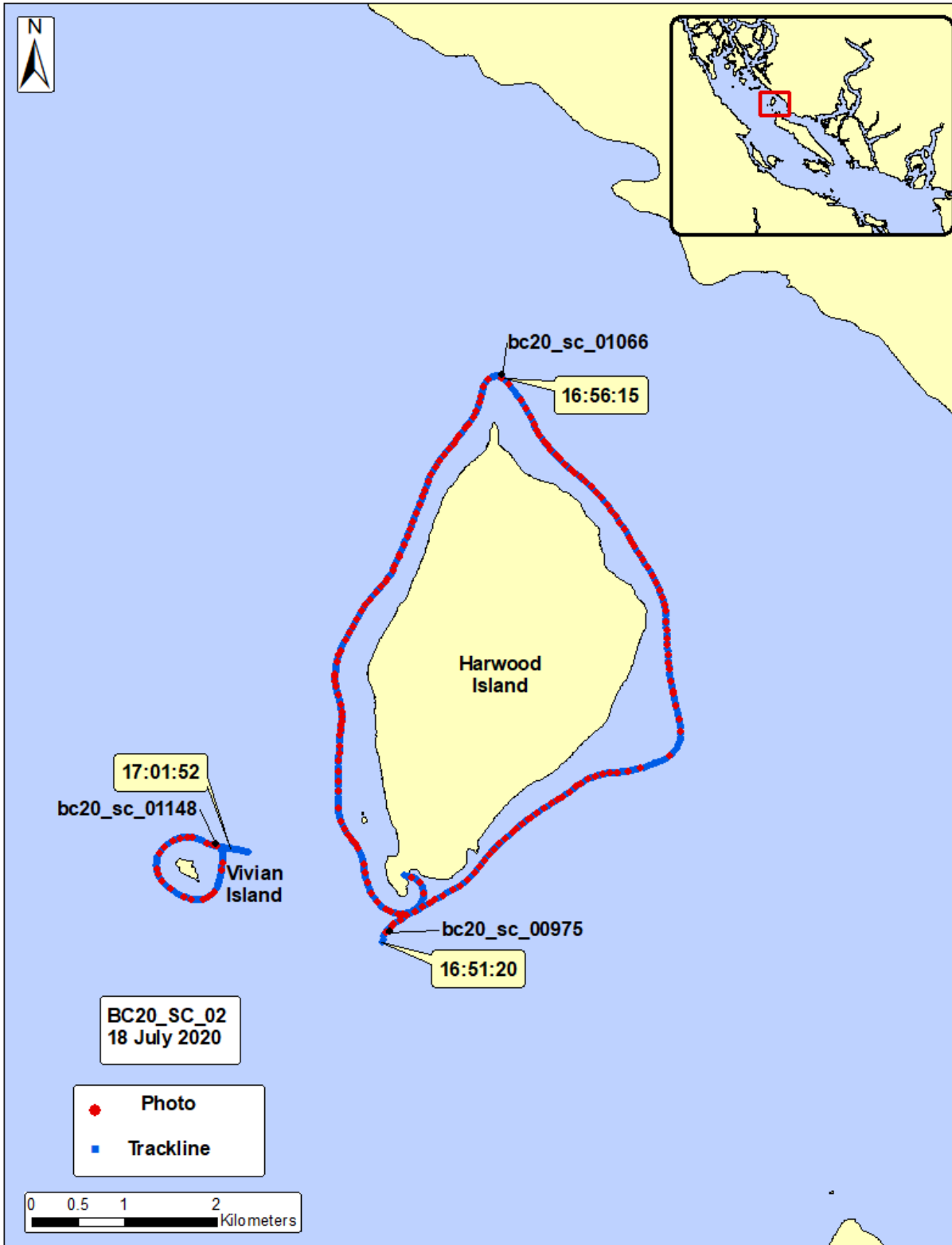
Video Length: 10 min 23 sec

Nav: Pinneo

Weather: Sun

Pilot: Walz

Time (UTC)	Location	Photo
16:51:20	South Harwood Island	bc20_sc_00975
16:56:15	North Harwood Island	bc20_sc_01066
Video Break: 17:00:56 to 17:01:44		
17:01:52	Vivian Island	bc20_sc_01148



**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

Video: BC20_SC_03

Date: 18 July 2020

General Location: Savary Island, Hernando Island, Mitlenatch Island

Time Start (UTC): 17:07:45

Geo: Daley

Time End (UTC): 17:39:14

Bio: Cook

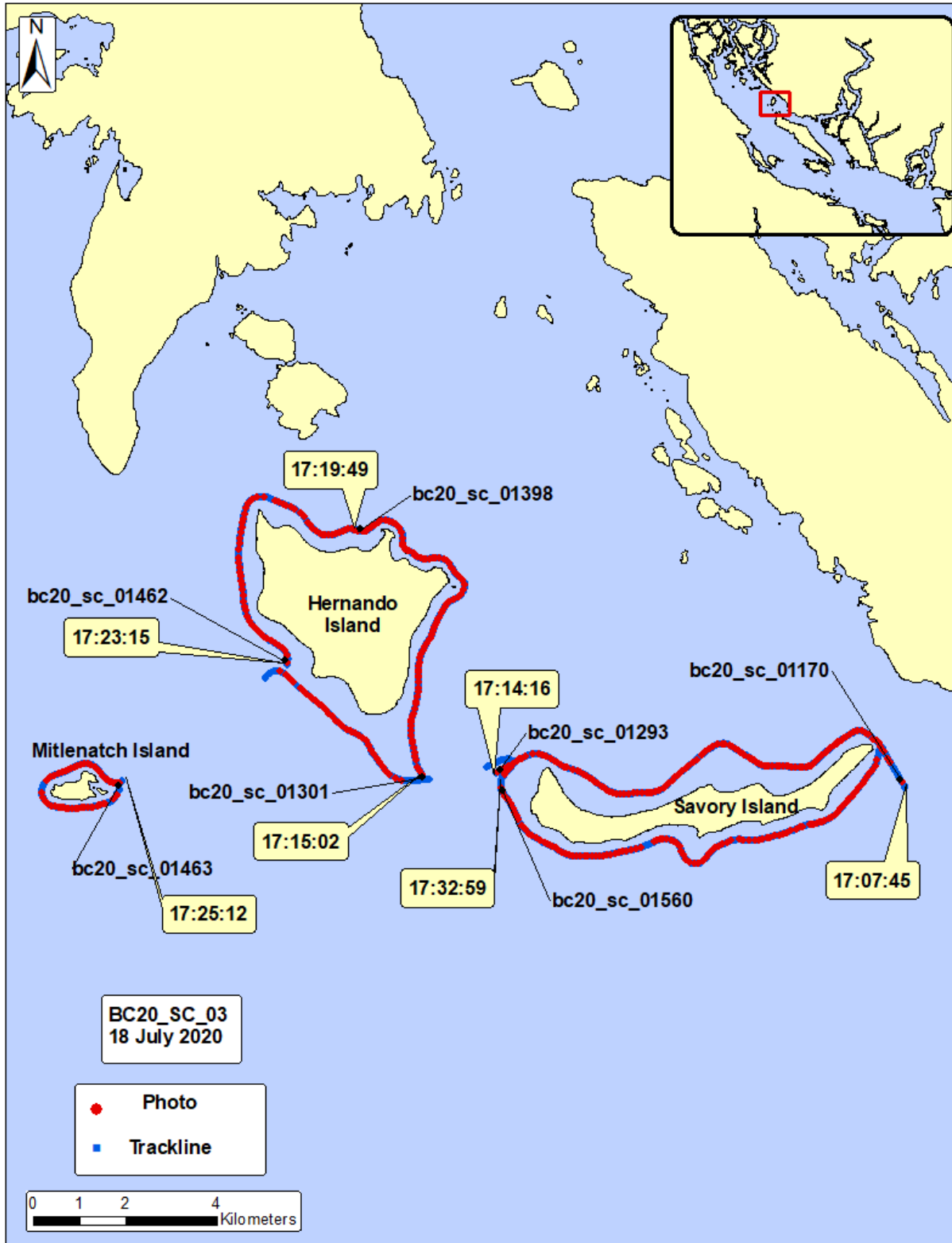
Video Length: 26 min 42 sec

Nav: Pinneo

Weather: Sun

Pilot: Walz

Time (UTC)	Location	Photo
17:07:45	East Savary Island	bc20_sc_01170
17:14:16	West Savary Island	bc20_sc_01293
Video Break: 17:14:17 to 17:15:01		
17:15:02	South Hernando Island	bc20_sc_01301
17:19:49	Stag Bay	bc20_sc_01398
17:23:15	East Hernando Island	bc20_sc_01462
Video Break: 17:23:16 to 17:25:11		
17:25:12	East Mitlenatch Island	bc20_sc_01463
Video Break: 17:31:49 to 17:32:19		
17:32:59	East Savary Island	bc20_sc_01560



**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

Video: BC20_SC_04

Date: 18 July 2020

General Location: West Texada Island

Time Start (UTC): 18:17:05

Geo: Daley

Time End (UTC): 19:02:15

Bio: Cook

Video Length: 45 min 10 sec

Nav: Pinneo

Weather: Sun

Pilot: Walz

Time (UTC)	Location	Photo
18:17:02	North Texada Island	bc20_sc_01674
18:30:52	Gillies Bay	bc20_sc_01941
18:41:58	Davie Bay	bc20_sc_02095
19:02:15	South Texada Island	bc20_sc_02402



**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

Video: BC20_SC_05

Date: 18 July 2020

General Location: North Thormanby Island, South Thormanby Island

Time Start (UTC): 19:04:45

Geo: Daley

Time End (UTC): 19:29:40

Bio: Cook

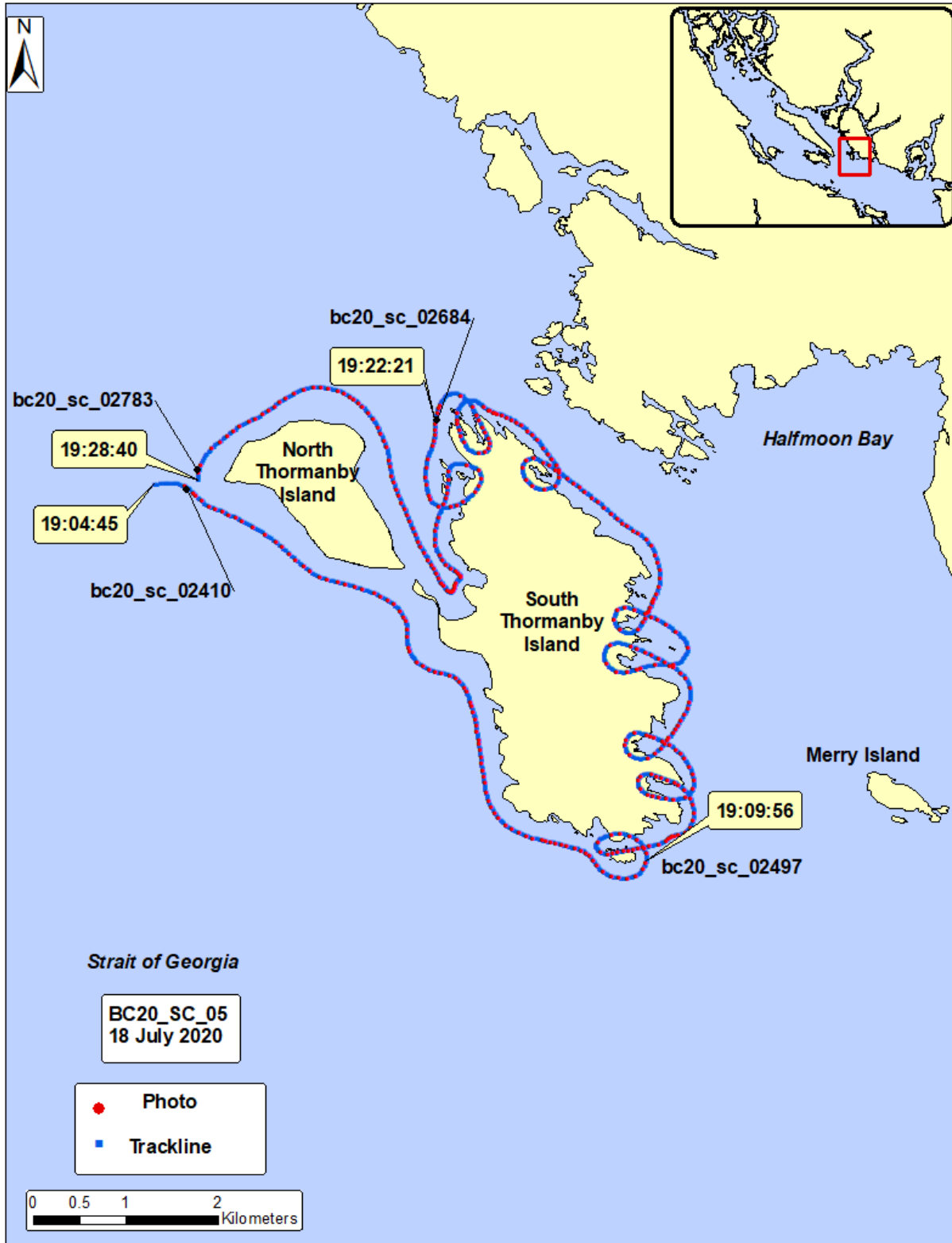
Video Length: 24 min 55 sec

Nav: Pinneo

Weather: Sun

Pilot: Walz

Time (UTC)	Location	Photo
19:04:50	North Thormanby Island	bc20_sc_02410
19:09:56	Bertha Island	bc20_sc_02497
19:22:21	Buccaneer Bay	bc20_sc_02684
19:28:40	North Thormanby Island	bc20_sc_02783



**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

Video: BC20_SC_06

Date: 19 July 2020

General Location: Malaspina Inlet, Lancelot Inlet, Okeover Inlet

Time Start (UTC): 16:48:22

Geo: Daley

Time End (UTC): 17:48:59

Bio: Cook

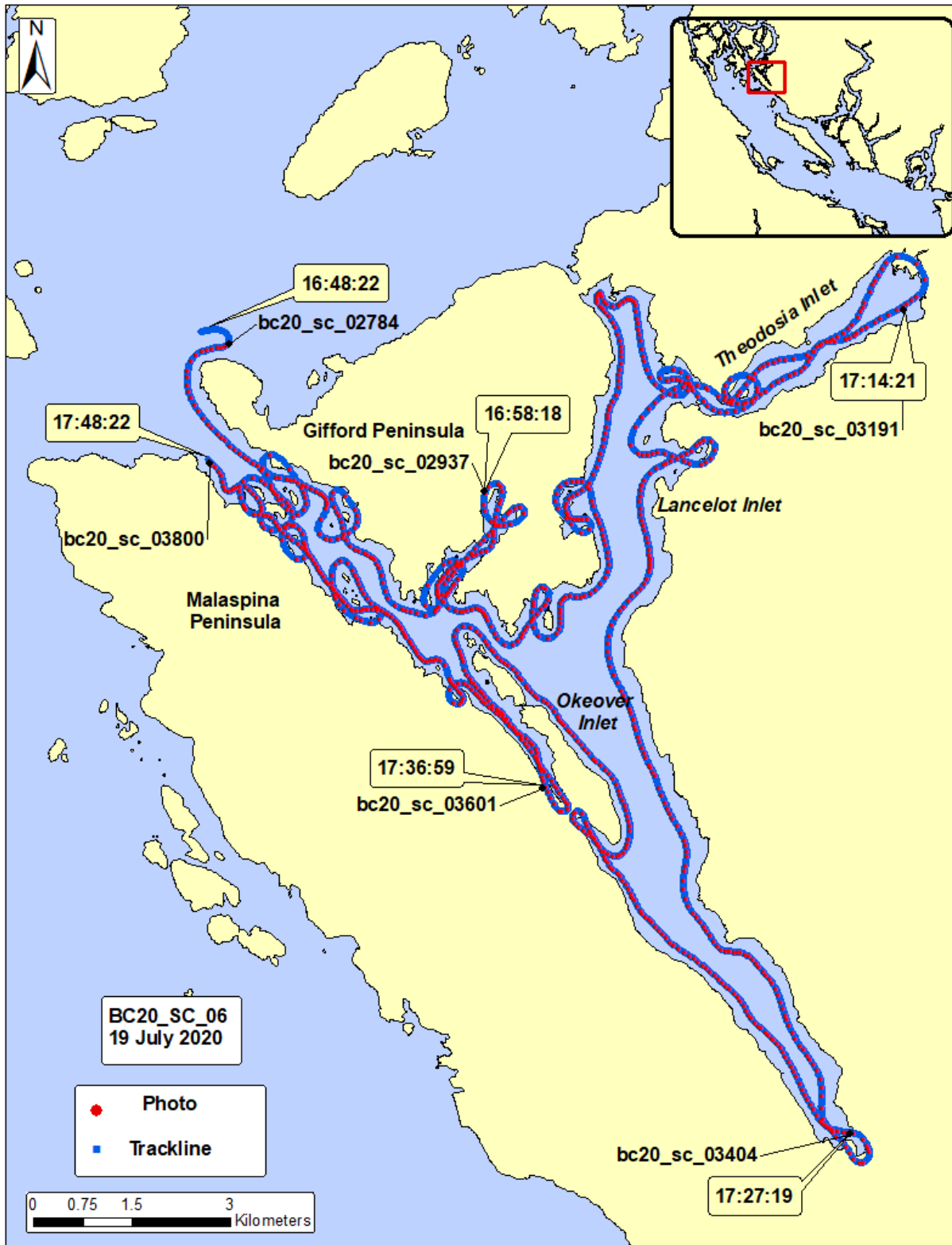
Video Length: 60 min 37 sec

Nav: Pinneo

Weather: Sun

Pilot: Walz

Time (UTC)	Location	Photo
16:48:22	Zephine Head	bc20_sc_02784
16:58:18	Grace Harbour	bc20_sc_02937
17:14:21	Theodosia Inlet	bc20_sc_03191
17:27:19	Okeover Inlet	bc20_sc_03404
17:36:59	Trevenen Bay	bc20_sc_03601
17:48:22	Malaspina Peninsula	bc20_sc_03800



**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

Video: BC20_SC_07

Date: 19 July 2020

General Location: Malaspina Peninsula, Copeland Islands, Powell River

Time Start (UTC): 17:48:59

Geo: Daley

Time End (UTC): 18:47:13

Bio: Cook

Video Length: 56 min 09 sec

Nav: Pinneo

Weather: Sun

Pilot: Walz

Time (UTC)	Location	Photo
17:48:59	Malaspina Peninsula	bc20_sc_03797
	Video Break: 17:53:02:17 to 17:53:39	
17:53:43	Powell Islets	bc20_sc_03867
	Video Break: 17:56:51 to 17:57:19	
17:57:56	Townley Islands	bc20_sc_03920
	Video Break: 17:58:35 to 17:58:52	
17:59:00	Copeland Islands	bc20_sc_03935
	Video Break: 18:00:59 to 18:01:37	
18:24:58	Lund	bc20_sc_04372
18:37:39	Scuttle Bay	bc20_sc_04585
18:47:13	Powell River	bc20_sc_04713



**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

Video: BC20_SC_08

Date: 19 July 2020

General Location: Powell River, Malaspina Strait, Jervis Inlet

Time Start (UTC): 19:23:20

Geo: Daley

Time End (UTC): 20:20:30

Bio: Cook

Video Length: 57 min 10 sec

Nav: Pinneo

Weather: Sun

Pilot: Walz

Time (UTC)	Location	Photo
19:23:20	Powell River	bc20_sc_04713
19:30:17	Myrtle Point	bc20_sc_04861
19:35:24	Brew Bay	bc20_sc_04944
19:55:42	Thunder Bay	bc20_sc_05280
20:10:12	Sykes Island	bc20_sc_05530
20:20:30	Hotham Sound	bc20_sc_05670



**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

Video: BC20_SC_09

Date: 19 July 2020

General Location: Sechelt Inlet, Narrows Inlet

Time Start (UTC): 20:30:20

Geo: Daley

Time End (UTC): 21:14:37

Bio: Cook

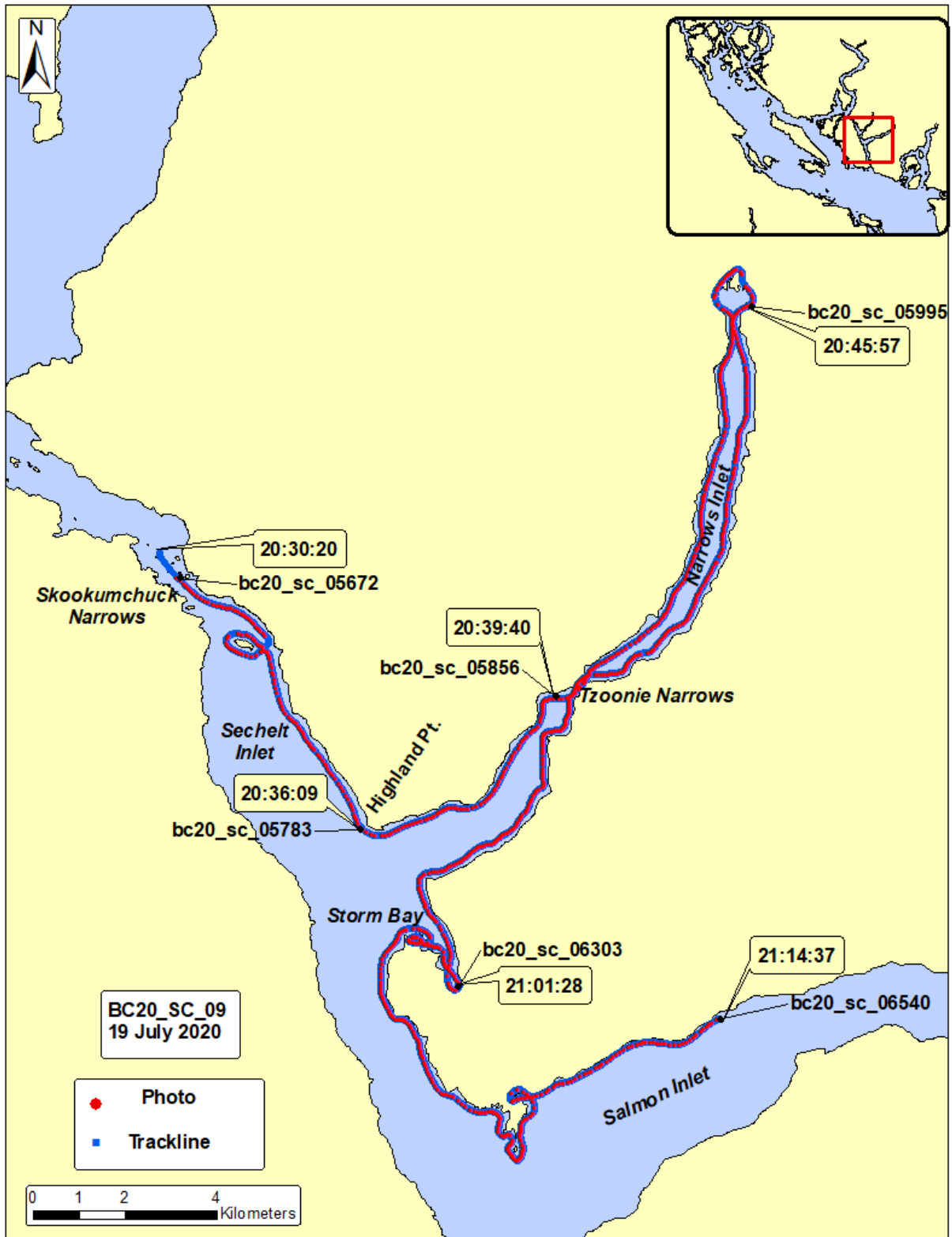
Video Length: 44 min 17 sec

Nav: Pinneo

Weather: Sun

Pilot: Walz

Time (UTC)	Location	Photo
20:30:20	Skookumchuck Narrows	bc20_sc_05672
20:36:09	Highland Point	bc20_sc_05783
20:39:40	Tzoonie Narrows	bc20_sc_05856
20:45:57	Head of Narrows Inlet	bc20_sc_05995
21:01:28	Storm Bay	bc20_sc_06303
21:14:37	Salmon Inlet	bc20_sc_06540



**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

Video: BC20_SC_10

Date: 19 July 2020

General Location: Salmon Inlet

Time Start (UTC): 21:15:22

Time End (UTC): 21:51:12

Video Length: 33 min 17 sec

Weather: Sun

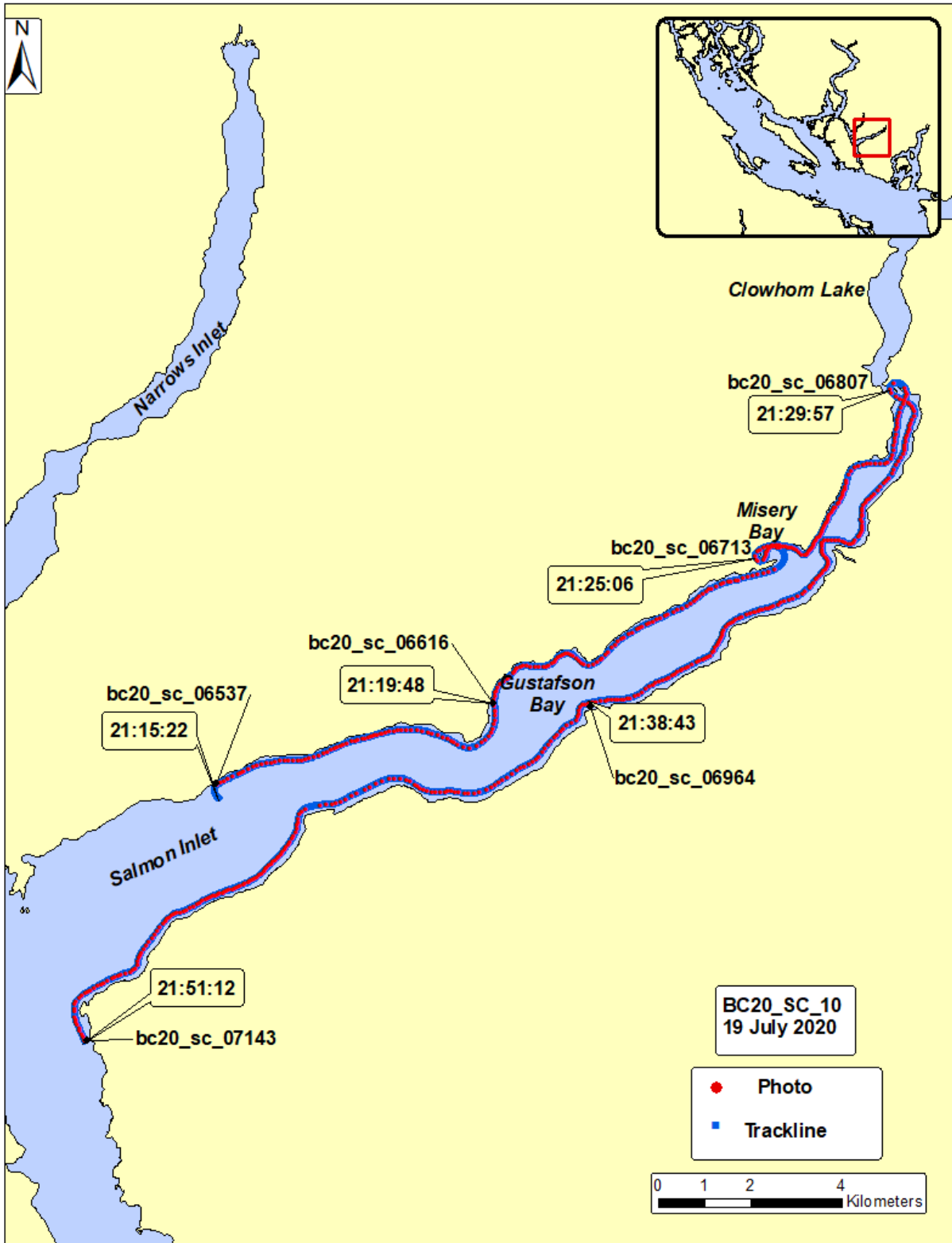
Geo: Daley

Bio: Cook

Nav: Pinneo

Pilot: Walz

Time (UTC)	Location	Photo
21:15:22	Salmon Inlet	bc20_sc_06537
21:19:48	Gustafson Bay	bc20_sc_06616
21:25:06	Misery Bay	bc20_sc_06713
21:29:57	Head of Salmon Inlet	bc20_sc_06807
21:38:43	Chum Point	bc20_sc_06964
	Video Break: 21:43:13 to 21:45:44	
21:51:12	Nine Mile Point	bc20_sc_07413



**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

Video: BC20_SC_11

Date: 19 July 2020

General Location: Salmon Inlet, Porpoise Bay

Time Start (UTC): 21:53:27

Geo: Daley

Time End (UTC): 22:09:37

Bio: Cook

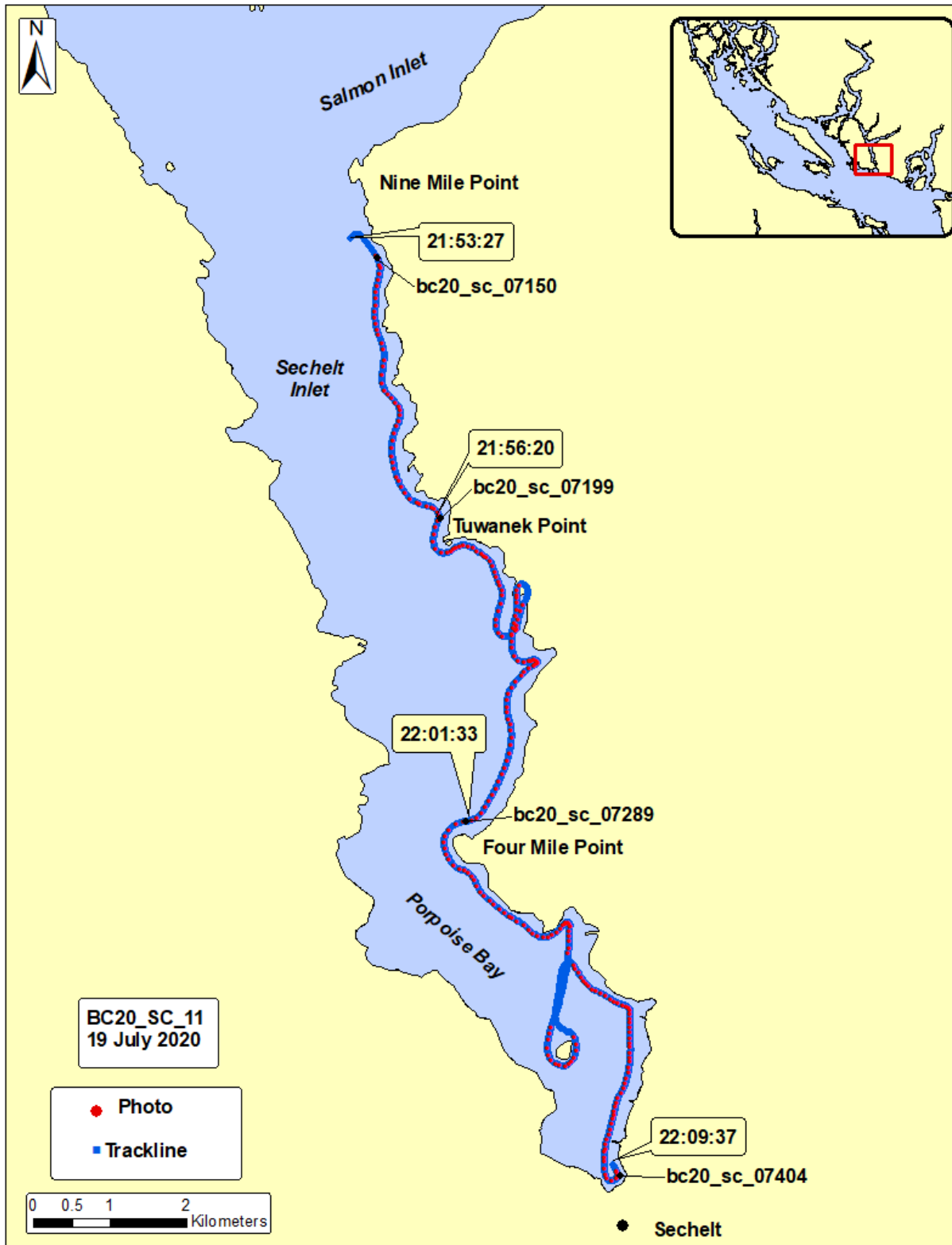
Video Length: 16 min 10 sec

Nav: Pinneo

Weather: Sun

Pilot: Walz

Time (UTC)	Location	Photo
21:53:27	Nine Mile Point	bc20_sc_07150
21:56:20	Tuwanek Point	bc20_sc_07199
22:01:33	Four Mile Point	bc20_sc_07289
22:09:37	Porpoise Bay	bc20_sc_07404



**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

Video: BC20_SC_12

Date: 20 July 2020

General Location: Hotham Sound, Jervis Inlet

Time Start (UTC): 17:06:43

Geo: Daley

Time End (UTC): 18:06:13

Bio: Cook

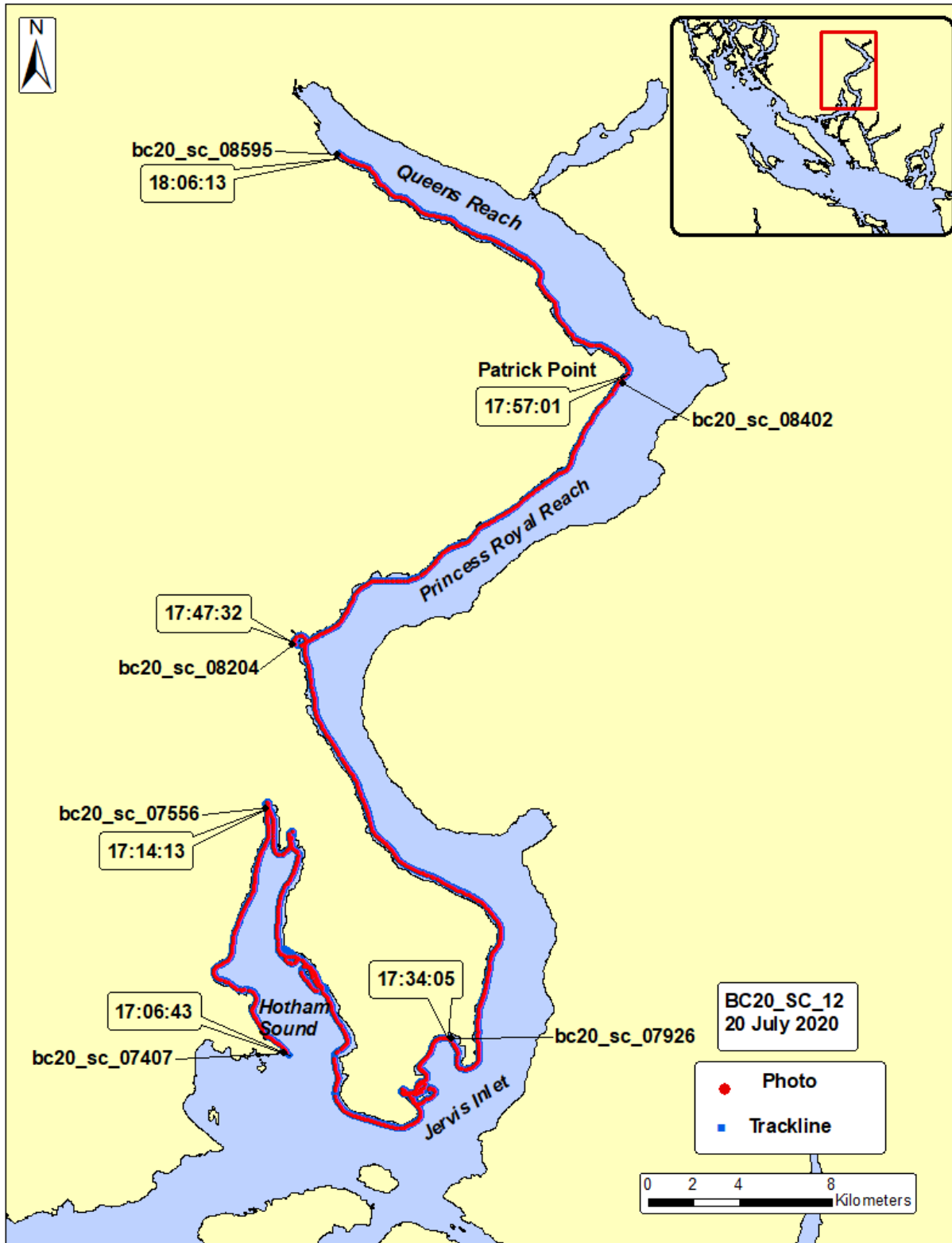
Video Length: 59 min 30 sec

Nav: Pinneo

Weather: Sun

Pilot: Walz

Time (UTC)	Location	Photo
17:06:43	Hotham Sound	bc20_sc_07407
17:14:13	Baker Bay	bc20_sc_07556
17:34:05	Goliath Bay	bc20_sc_07926
17:47:32	Brittain River	bc20_sc_08204
17:57:01	Patrick Point	bc20_sc_08402
18:06:13	Queens Reach	bc20_sc_08595



**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

Video: BC20_SC_13

Date: 20 July 2020

General Location: Princess Louisa Inlet, Jervis Inlet

Time Start (UTC): 18:06:40

Geo: Daley

Time End (UTC): 18:59:05

Bio: Cook

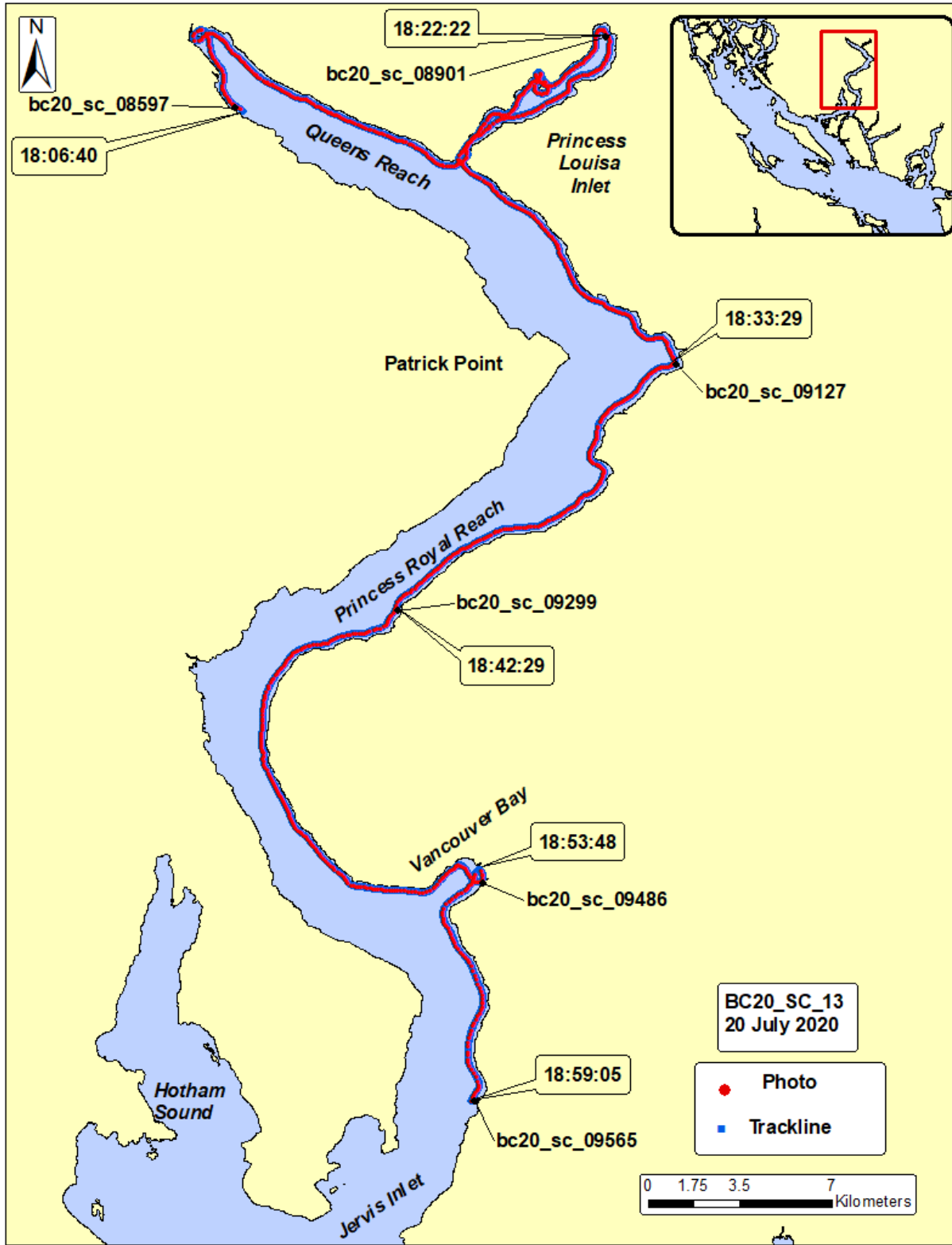
Video Length: 52 min 25 sec

Nav: Pinneo

Weather: Sun

Pilot: Walz

Time (UTC)	Location	Photo
18:06:40	Queens Reach	bc20_sc_08597
18:22:22	Princess Louisa Inlet	bc20_sc_08901
18:33:29	Deserted Bay	bc20_sc_09127
18:42:29	Glacial Creek	bc20_sc_09299
18:53:48	Vancouver Bay	bc20_sc_09486
18:59:05	Jervis Inlet	bc20_sc_09565



**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

Video: BC20_SC_14

Date: 20 July 2020

General Location: Jervis Inlet, Skookumchuck Narrows, Sechelt Rapids

Time Start (UTC): 19:00:02

Geo: Daley

Time End (UTC): 19:16:47

Bio: Cook

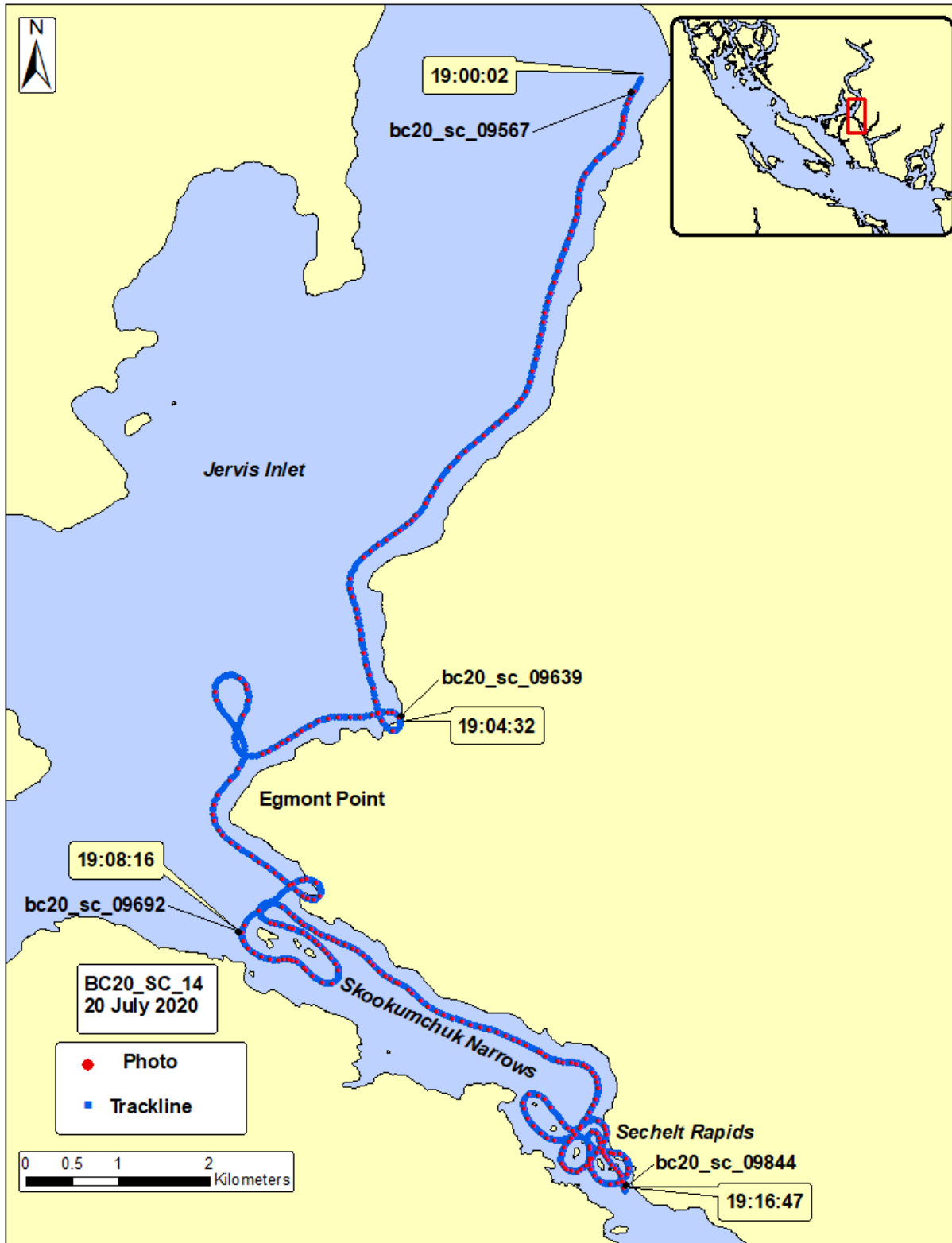
Video Length: 16 min 45 sec

Nav: Pinneo

Weather: Sun

Pilot: Walz

Time (UTC)	Location	Photo
19:00:02	Jervis Inlet	bc20_sc_09567
19:04:32	Killam Bay	bc20_sc_09639
19:08:16	Skookumchuck Narrows	bc20_sc_09692
19:16:47	Sechelt Rapids	bc20_sc_09844



**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

Video: BC20_SC_15

Date: 20 July 2020

General Location: Skookumchuck Narrows, Agamemnon Channel, Pender Harbour

Time Start (UTC): 20:11:05

Geo: Daley

Time End (UTC): 21:12:15

Bio: Cook

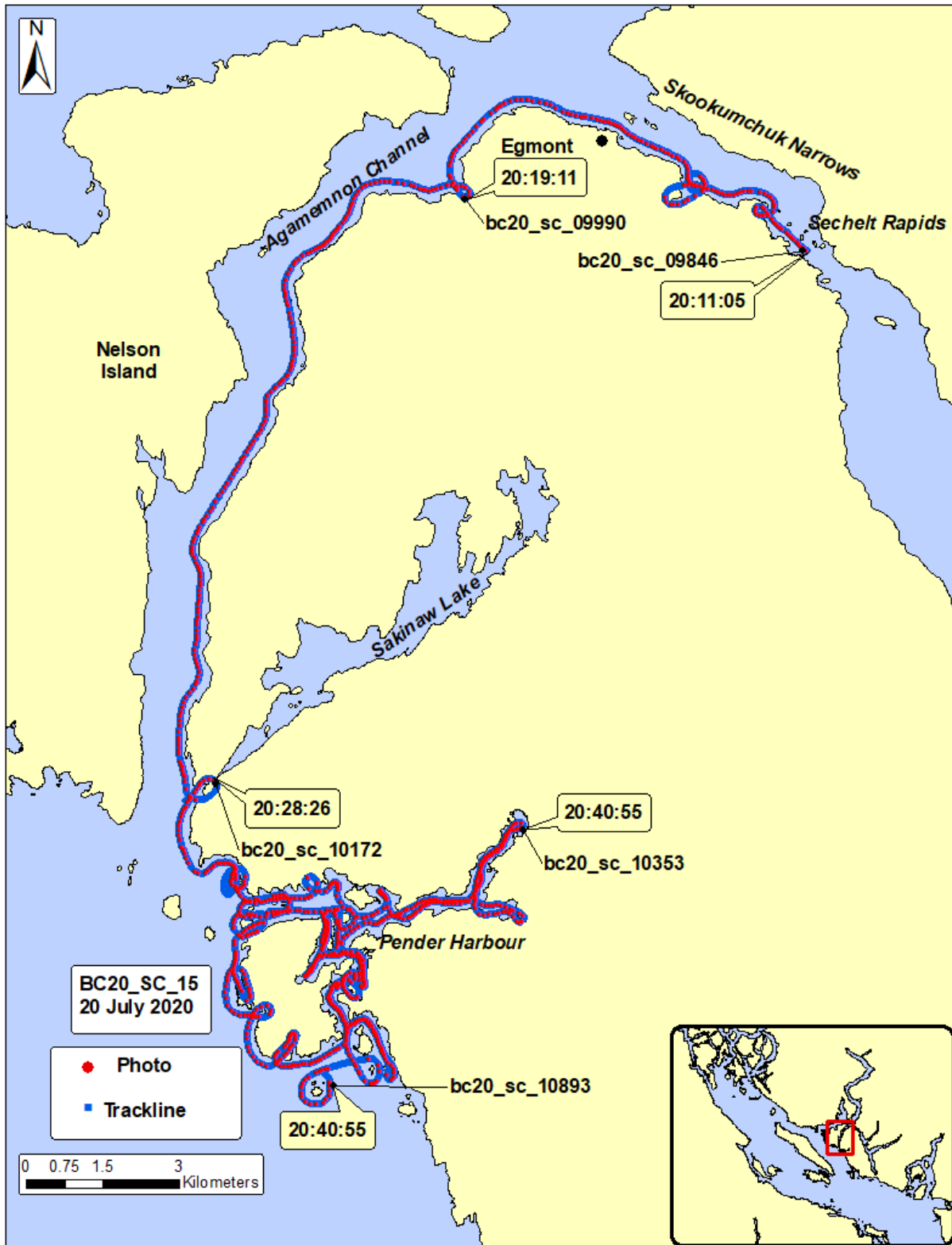
Video Length: 59 min 50 sec

Nav: Pinneo

Weather: Sun

Pilot: Walz

Time (UTC)	Location	Photo
20:11:05	Skookumchuck Narrows	bc20_sc_09846
20:19:11	Agamemnon Bay	bc20_sc_09990
20:28:26	Entrance to Sakinaw Lake	bc20_sc_10172
	Video Break: 20:29:04 to 20:30:22	
20:40:55	Pender Harbour	bc20_sc_10353
21:12:15	Whitestone Islands	bc20_sc_10893



**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

Video: BC20_SC_16

Date: 20 July 2020

General Location: Sechelt Inlet

Time Start (UTC): 21:21:43

Time End (UTC): 21:44:46

Video Length: 23 min 03 sec

Weather: Sun

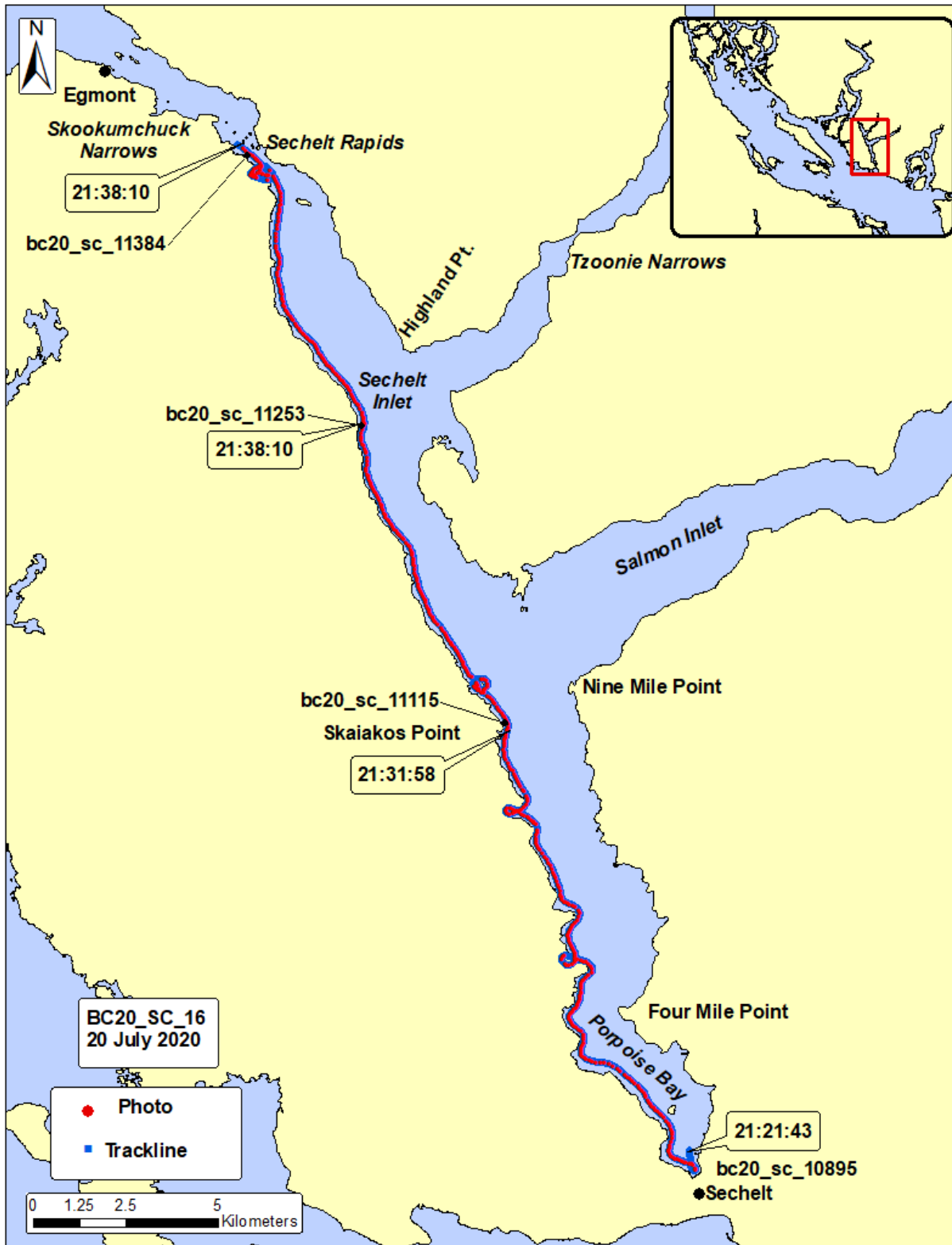
Geo: Daley

Bio: Cook

Nav: Pinneo

Pilot: Walz

Time (UTC)	Location	Photo
21:21:43	Porpoise Bay	bc20_sc_10895
21:31:58	Skaiakos Point	bc20_sc_11115
21:38:10	West Sechelt Inlet	bc20_sc_11253
21:44:06	Sechelt Rapids	bc20_sc_11384



**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

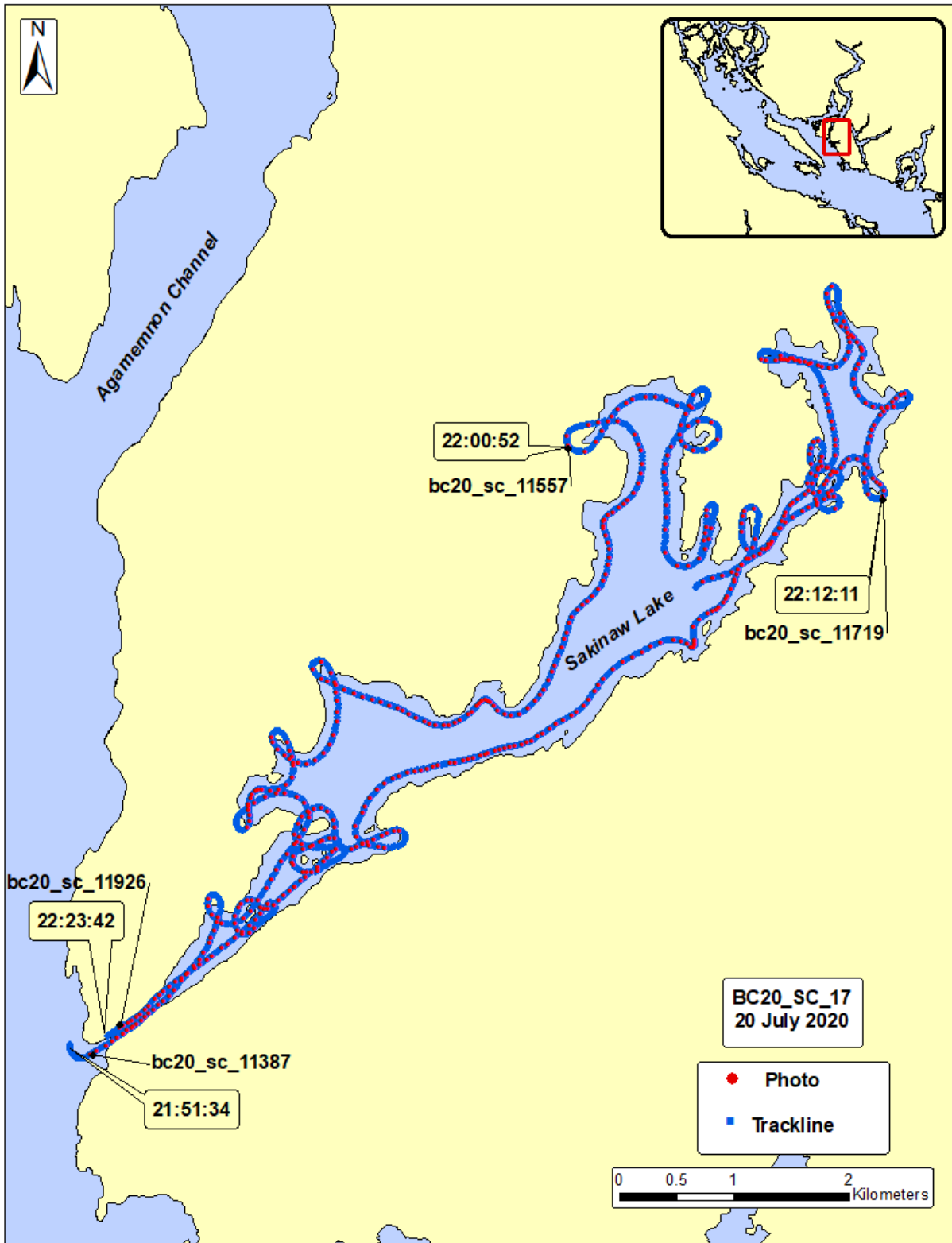
Video: BC20_SC_17

Date: 20 July 2020

General Location: Sakinaw Lake
Time Start (UTC): 21:51:34
Time End (UTC): 22:23:42
Video Length: 31 min 14 sec
Weather: Sun

Geo: Daley
Bio: Cook
Nav: Pinneo
Pilot: Walz

Time (UTC)	Location	Photo
21:51:34	Southwest Sakinaw Lake	bc20_sc_11387
22:00:52	North Sakinaw Lake	bc20_sc_11557
Video Break: 22:04:32 to 22:05:24		
22:12:11	Northeast Sakinaw Lake	bc20_sc_11719
22:23:42	Southwest Sakinaw Lake	bc20_sc_11926



**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

Video: BC20_SC_18

Date: 21 July 2020

General Location: Nelson Island, Hardy Island

Time Start (UTC): 17:43:01

Geo: Daley

Time End (UTC): 18:42:36

Bio: Cook

Video Length: 59 min 35 sec

Nav: Pinneo

Weather: Sun

Pilot: Soroka

Time (UTC)	Location	Photo
17:43:01	Southeast Nelson Island	bc20_sc_11927
17:48:15	Green Bay	bc20_sc_12054
18:00:23	Captain Island	bc20_sc_12296
18:10:04	Vanguard Bay	bc20_sc_12480
18:21:01	Hardy Island	bc20_sc_12689
18:42:36	Blind Bay	bc20_sc_13079



**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

Video: BC20_SC_19

Date: 21 July 2020

General Location: Nelson Island, Pearson Island

Time Start (UTC): 18:42:45

Geo: Daley

Time End (UTC): 19:28:33

Bio: Cook

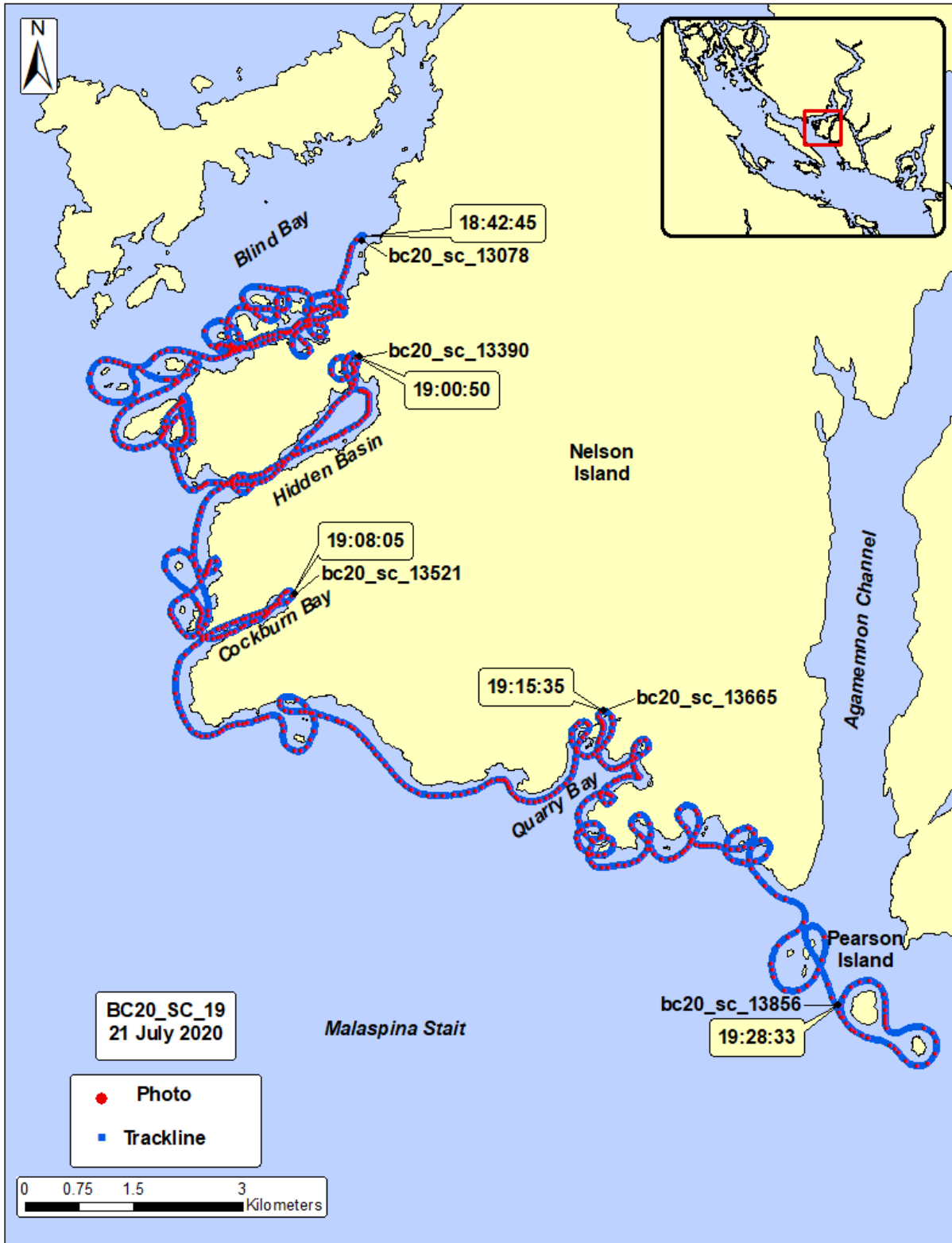
Video Length: 45 min 43 sec

Nav: Pinneo

Weather: Sun

Pilot: Soroka

Time (UTC)	Location	Photo
18:42:45	Blind Bay	bc20_sc_13078
19:00:50	Hidden Basin	bc20_sc_13390
19:08:05	Cockburn Bay	bc20_sc_13521
19:15:35	Quarry Bay	bc20_sc_13665
19:28:33	Pearson Island	bc20_sc_13856



**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

Video: BC20_SC_20

Date: 21 July 2020

General Location: Sechelt Peninsula, Halfmoon Bay

Time Start (UTC): 19:30:38

Geo: Daley

Time End (UTC): 20:03:59

Bio: Cook

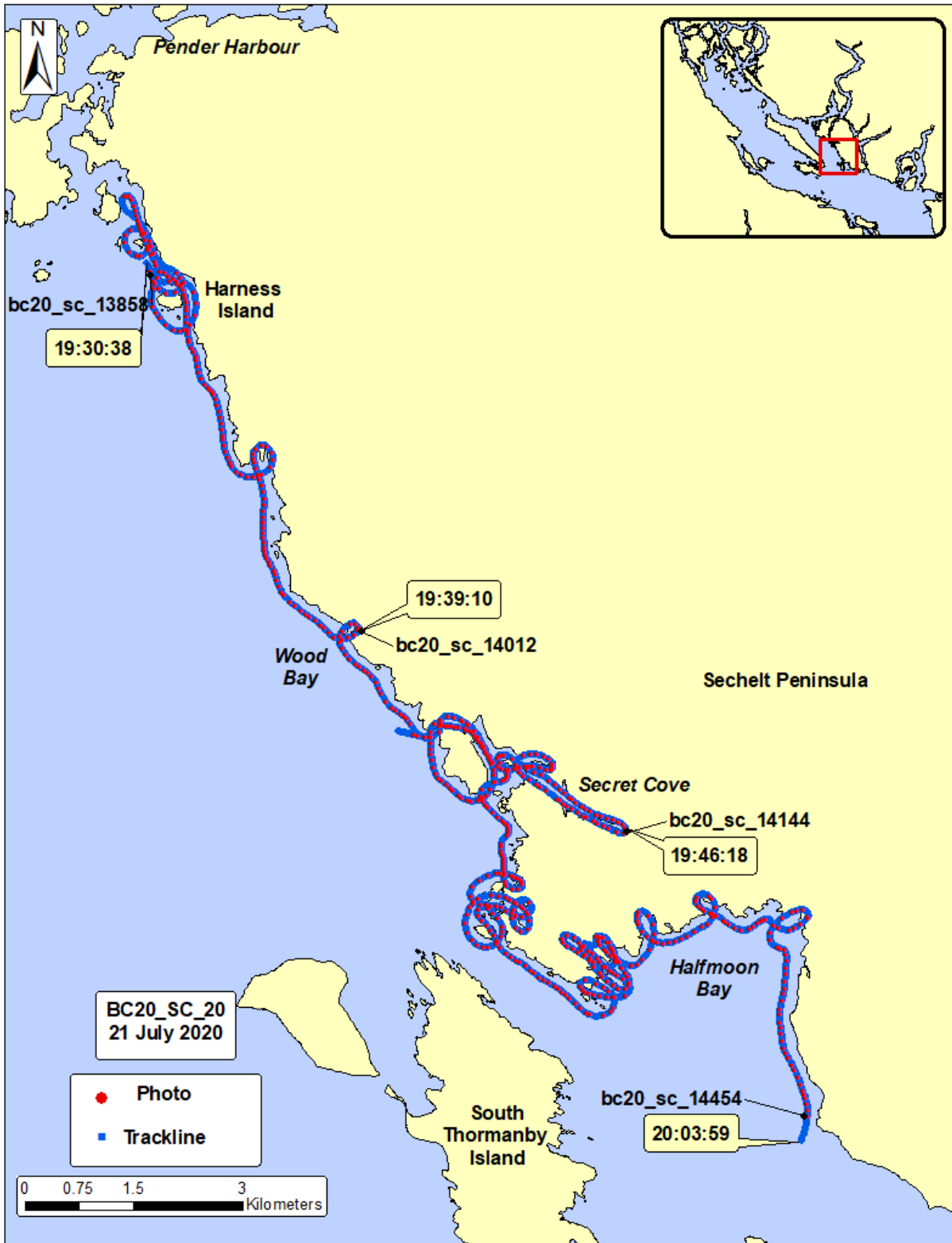
Video Length: 32 min 32 sec

Nav: Pinneo

Weather: Sun

Pilot: Soroka

Time (UTC)	Location	Photo
19:30:38	Harness Island	bc20_sc_13858
19:39:10	Wood Bay	bc20_sc_14012
Video Break: 19:40:36 to 19:41:23		
19:46:18	Secret Cove	bc20_sc_14144
20:03:59	Halfmoon Bay	bc20_sc_14454



**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

Video: BC20_SC_21

Date: 21 July 2020

General Location: Trail Islands, Trail Bay, Sechelt, Gower Point

Time Start (UTC): 20:32:14

Geo: Daley

Time End (UTC): 21:06:18

Bio: Cook

Video Length: 28 min 47 sec

Nav: Pinneo

Weather: Sun

Pilot: Soroka

Time (UTC)	Location	Photo
20:32:14	Trail Islands	bc20_sc_14455
	Video Break: 20:34:01 to 20:34:23	
	Video Break: 20:38:57 to 20:39:59	
	Video Break: 20:42:58 to 20:43:43	
20:43:44	Halfmoon Bay	bc20_sc_14625
20:47:25	Sargeant Bay	bc20_sc_14700
21:54:17	Mission Point	bc20_sc_14843
	Video Break: 20:55:37 to 20:56:09	
	Video Break: 20:56:57 to 20:57:21	
21:00:24	Roberts Creek	bc20_sc_14944
21:06:18	Gower Point	bc20_sc_15047



**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

Video: BC20_SC_22

Date: 22 July 2020

General Location: North Lasqueti Island

Time Start (UTC): 18:24:56

Geo: Daley

Time End (UTC): 19:22:44

Bio: Cook

Video Length: 57 min 48 sec

Nav: Pinneo

Weather: Overcast/Sun

Pilot: Soroka

Time (UTC)	Location	Photo
18:24:56	Sheer Island	bc20_sc_15048
18:33:50	Jedediah Island	bc20_sc_15209
18:54:51	Jervis Island	bc20_sc_15625
19:05:03	Jelina Island	bc20_sc_15818
19:12:27	Spring Bay	bc20_sc_15965
19:22:05	Finnerty Islands	bc20_sc_16132



**2020 British Columbia Aerial Video Imaging Survey
Team Sunshine Coast (SC)**

Video: BC20_SC_23

Date: 22 July 2020

General Location: South Lasqueti Island

Time Start (UTC): 19:22:44

Geo: Daley

Time End (UTC): 20:06:42

Bio: Cook

Video Length: 42 min 10 sec

Nav: Pinneo

Weather: Sun

Pilot: Soroka

Time (UTC)	Location	Photo
19:22:44	Sisters Islands	bc20_sc_16150
Video Break: 19:23:43 to 19:24:29		
19:33:33	False Bay	bc20_sc_16312
19:42:19	Jenkins Island	bc20_sc_16486
19:52:05	Boat Cove	bc20_sc_16651
Video Break: 19:55:20 to 19:55:44		
19:55:51	Sangster Island	bc20_sc_16712
Video Break: 19:57:52 to 19:58:28		
20:06:42	Rouse Bay	bc20_sc_16885



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References

Cook, S.E., Daley, S., Morrow, K. and Ward, S. 2017. ShoreZone Coastal Imaging and Habitat Mapping Protocol. Prepared for NOAA Fisheries, Alaska Regional Office, Juneau, Alaska. 78p.

Acknowledgments

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Access and Use Constraints

Any hardcopies or published data sets utilizing ShoreZone products shall clearly indicate their source. If the user has modified the data in any way, the user is obligated to describe the types of modifications performed. The user specifically agrees not to misrepresent ShoreZone data, nor to imply that changes made were approved by the ShoreZone program or its partners.

To ensure distribution of the most current public information or for correct interpretation, contact the ShoreZone project manager at Coastal & Ocean Resources (www.coastalandoceans.com). At the time of publication, that person is Sarah Cook (sarah@coastalandoceans.com).

To effectively and appropriately use ShoreZone data, the user shall refer to the current ShoreZone Coastal Imaging and Habitat Mapping Protocol (Cook *et al.* 2017).

