



**2019 Team Five-O Monterey Bay Double  
Crossing - 6 Person Relay Swim**

**Date:** May 4 and 5, 2019

**Course:** A double Crossing of the Monterey Bay as defined by MBSA course and rules.

Swim route was North to South to North, from Santa Cruz Seabright beach to Monterey San Carlos Beach, returning to Seabright beach.

**Straight Line Distance:** 50 statute miles

**Overall Swim Duration:** 29h, 51m, 10s

START/FINISH	LOCATION	LATITUDE/LONGITUDE	TIME
Start	Santa Cruz, Seabright Beach	36° 57.725'N, 122° 0.389'W	SAT 02:47:30
Turn	Monterey, San Carlos Beach	36°36'34.54"N; 121°53'42.40"W	SAT 17:31:12
Finish	Santa Cruz, Seabright Beach	36° 57.725'N, 122° 0.389'W	SUN 08:38:40

**Independent Observer:** Brian Thom

**Boat & Captain(s) & Navigation:** Brian Thom and Greg Gubser

**Swimmers and swim rotation order:**

1. Scott Tapley
2. Kim Rutherford
3. John Chapman
4. Amy Gubser
5. Greg Lendahl
6. Robin Rose
7. Sarah Roberts (Alternate)  
\* Robin broke her wrist before the swim, so Sarah swam in her place.

**No Kayaks were used on this swim.**



**Swim Category:**

Unassisted Marathon Relay Swim

**Rules** (see pre-swim observer plan and rules review below for more detail):

This swim was conducted following Marathon Swim and Relay Rules as defined by the Monterey Bay Swimming Association. These rules are based on rules used to govern unassisted marathon relay swims in the English Channel by the [CSA](#) and [CS&PF](#). This swim was ALSO conducted following the rules as defined by the [Marathon Swimmers Federation](#)

**Costume & Swim Gear:**

1. All swimmers used swimwear that conforms to MBSA, CSA, CS&PF and MSF definitions of standard equipment. (Speedos, 1 Cap, and Goggles)
2. All swimmers used minimal Vaseline for chaffing.
3. All swimmers wore one standard silicon or latex swim cap.
4. All swimmers used standard swim goggles.

**Feedings:**

N/A - Swimmers fed between swim legs while on the boat. No feeds were administered to swimmers while in the water.

**Weather & Ocean Observations:**

Wind: Wind was variable, ranging from 3mph to 15mph. Wind for the first leg was WSW, changing to WNW overnight, and was calm during the early morning and finish of the swim.

Water Temperature (degrees Fahrenheit): 56-59, remaining 56-57 for most of the swim.

Air Temperature (degrees Fahrenheit): Low 48, High 59; cold winds.

Swells: Mixed swell direction 2-4 feet.

Skies: Mostly overcast throughout the swim. Sun eventually came out Saturday afternoon and then returned to overcast in the evening.

Note: The ocean surface conditions varied from smooth to white caps. Most of the swim was completed in "comfortable" conditions according to the swimmers and crew.

**Jelly Fish:**

There were many non-stinging jelly fish and lots of SALP, along with squid. Nobody reported any nettle stings.

**Historical Claims:**

- This swim was observed and ratified by the Monterey Bay Swimming Association.
- This was the first known two-way swim of the Monterey Bay of any kind (solo or relay).

### **A brief summary of the swim:**

Sometime in January, Scott was swimming in a pool with Robin Rose. They discussed a challenge that would provide good marathon swim training, cold water acclimation, bring together good friends, and give everyone an excuse for another fun adventure at sea. They decided on doing the earliest known relay swim of the Monterey Bay, in January or February. After another 50 yards in the pool, Scott said (only half joking), "Let's make it a double." They laughed, continued the workout, and the next day they started to plan.

They contacted Brian Thom, captain of the Nomad. The Nomad has a total capacity of 6 passengers plus two pilots, so the team would need to do the swim with no kayakers. This was perfect, as most of the swims we were all training for don't allow kayak support. The captains would also be trained and function as observers, and the team would crew themselves. They recruited Greg Gubser as 2<sup>nd</sup> pilot/observer. Everyone, including the captains had plenty of marathon swim experience and knew the rules and what it takes to execute a safe swim, so now the team had to line up the rest of the swimmers. The goal was to create a half male and half female team of Santa Cruz area locals, plus Amy Gubser who lives in Pacifica. The list included Robin Rose, Scott Tapley, Kim Rutherford, Amy Gubser, John Chapman, and Greg Lendahl. John wasn't able to make it so they talked to a few other men and were fortunate to have Kirk McKinney join the team. They picked a date and started to watch the weather.

The first date came and went without a swim due to bad weather and a large swell. It would be too dangerous to get swimmers on and off the boat at night in those conditions.

The second date came and went without a swim due to more bad weather and an even larger swell. There were concerns that we couldn't safely get the boat out of the harbor.

The team settled on a new date of May 4 and 5<sup>th</sup>. Unfortunately, Kirk had a conflict, but John Chapman was open that weekend and back on the team. The team had a team of 6, and good alternates which included Sarah Roberts, Ken Mignosa, Van Cornwell, and others.

The weather started looking very good for May 4th, then suddenly Robin took a bad fall and broke her wrist, resulting in a surgery, and a new metal plate in her arm. Ouch!! As the swim date approached, they struggled with what to do, and with Robin's blessing added Sarah to the roster and were back to 6, plus Robin as the new team captain.

Kim took on the job of pre-planning and cooking meals and snacks for the swimmers and everyone watched the weather.

Third time was lucky and the weather looked good. The team had the typical Monterey Bay spring pattern with a prediction of overcast sky and calm water in the morning, followed by sun and afternoon wind, hopefully glassing off overnight.

### **May 2 – 2 days before the start**

Kim contacted the Santa Cruz Harbor Master to notify them of the swim and to secure a few parking passes. Being that it was Salmon Fishing Season, the harbor master strongly advised the team not to swim, due to boat traffic and safety concerns. They weighed the options, and decided to swim and modify or extend the course to avoid the fishing fleet.

### **The Swim**

After loading the Nomad in the Santa Cruz harbor, the team motored out the harbor mouth and scoped out the fishing fleet, which was anchored for the night. It was 2:30 a.m. on Saturday and Santa Cruz was sleeping. The nearby Boardwalk was quiet, and the sky was overcast and very dark (there would be no moon that night.) There were no boats near Seabright, just West of the harbor entrance, so that is where the swim would begin. From Seabright to San Carlos and Back to Seabright is exactly 50 statute miles in a straight line, so this would be a perfect start/finish for the swim.

A little after 2:30, Scott Tapley jumped off the boat and began the swim to shore. After clearing some surf and standing on dry land, he took a few seconds to adjust his goggles, check his lights and signal the crew he was ready. At 2:47 he was toes in the water and on the way to Monterey. The boat meandered a little east to avoid the

path of the fishing fleet, and then course corrected and headed straight for Monterey. The sea was smooth for the first hour of the swim and it was time to rotate swimmers.

Second swimmer was Kim Rutherford. The sea began smooth and as the team cleared the shadow of the point, they found a little texture. The wind would slowly come up as they rotated through the next four swimmers and by the end of the first rotation, it was light out and the sea was lumpy and disorganized – morning sickness.

During the night, all swimmers reported fantastic amounts of phosphorescence in the water. It was a bright greenish and blue bubbly glow lighting up anything that moved through the water. Goggles, hands, kicks, small fish, sea lions, and unknown things swimmer deeper below. Amy took us from dark to daylight followed by John Chapman, Greg Lendahl and Sarah Roberts. During the morning, they saw the first whale, a few dolphins, and more sea lions. The sky remained overcast all morning and the air temp hovered around 50. The cold wind made it feel more like 40. The water temp ranged from 58 down to 56 and would stay closer to 56 or 57 as they slowly moved across the Soquel and Monterey Canyons.

As the swimmers approached Soquel Canyon, and eventually Monterey Canyon, the fishing fleet had finally caught up and was setting in around the edges of the canyons to fish. While Kim was swimming, there were large Blue Fin Tuna jumping out of the water next to the boat and flinging bait fish through the air. It was a spectacular sight. For Greg Gubser it was like Christmas morning and he jumped into the small inflatable with his fishing gear and set out to catch a few.

The water had glassed off nicely later in the morning and the scene was a monochromatic grey and endless flat seas in every direction. There was no sight of land for 360 degrees. If not for the compass and GPS the team could have been swimming in circles.

As swimmers exited the water, it took much longer to rewarm than expected. Everyone felt colder than normal given the water temps. This might have been the wind chill and cooler air temps.

As afternoon approached, the sky began to clear and they could see the Monterey Peninsula. The wind gradually picked up and maxed out at roughly 12 to 15 mph with scattered white caps. The team handled the chop with ease (although most reported swallowing a fair amount of sea water.) Sarah preferred to swim on the Port side of the boat, which happened to be the leeward side on route to Monterey, so that helped a little. But it was still bumpy.

As they swam, every swimmer took in the sights below. The water was green and clear and filled with an arrangement of non-stinging moon jellies, SALP, and a variety of small fish. Sarah had a very curious sea lion follow her and swim below her for a few minutes.

They arrived in Monterey just before 5:30 PM, during John Chapman's shift. John had the pleasure of exiting the water to the dry sand of San Carlos Beach. He spent a whopping 45 seconds on the beach. He shot a little video with his GoPro, and at 5:36 p.m. the team was on its way back to Santa Cruz. High clouds were forming again and the sea was still choppy. It hadn't calmed down much since mid-afternoon. John was replaced by Amy, and Amy by Sarah who had the pleasure of swimming through the sunset and into Saturday night. As Sarah swam into the darkness, enjoying the greenish glow below, the sea smoothed out a little for the night.

At 8:47, Scott began the 4<sup>th</sup> rotation. Somewhere in the middle of that shift, a strange green blob in the shape of a giant eye (maybe 6 feet wide) slowly rose from the depths. It looked like a green Eye of Sauron (Google it). Spooked, Scott swam to the side of the boat. Kim flashed a light and told him to move away from the boat. He said, "No. There is something large and curious down there. It was like pure evil staring up at me." After a few minutes, Scott moved away from the boat, and then it came back. From deep below, slowly moving straight up until just out of sight. A green glowing phosphorescent "thing" staring upward. And then it quickly, with a green flash, escaped into the darkness.

Kim was up next. During Kim's Saturday night shift, she was visited by a speedy and shifty sea lion. Just curious enough to unsettle a swimmer and make Kim's heart race. The crew assured her it was a sea lion, so she put her head down and continued to swim.

The water stayed mostly nice during the night, with periods of chop. The team pulled their way through a few currents and eddies, and made good progress toward Santa Cruz as daylight approached.



At 7:47 Sunday morning, Sarah begins her 5<sup>th</sup> and final rotation. John Chapman stood on the bow wearing Monarch Butterfly wings and they could clearly make out people on Seabright Beach. The sea was extremely smooth and the sky overcast. The water was 57. With about 100 yards to go, the rest of the team suited up (the boys put on their most silly swim suits), and everyone jumped in to join Sarah for the final push to land.

At 8:30:40 on Sunday morning, Sarah hit dry sand. David Roberts and Sarah's parents were there, along with Robin Rose, Ashley Tapley, Joel Wilson, Joanne Curby, Cyndy Hertzner, James Nagamina, and a few others.

Total swim duration, dry land to dry land, was 29 hours, 51 minutes.

The swim was a success. This swim could not have been done without the total skill and dedication of the pilots, Brian Thom and Greg Gubser.

























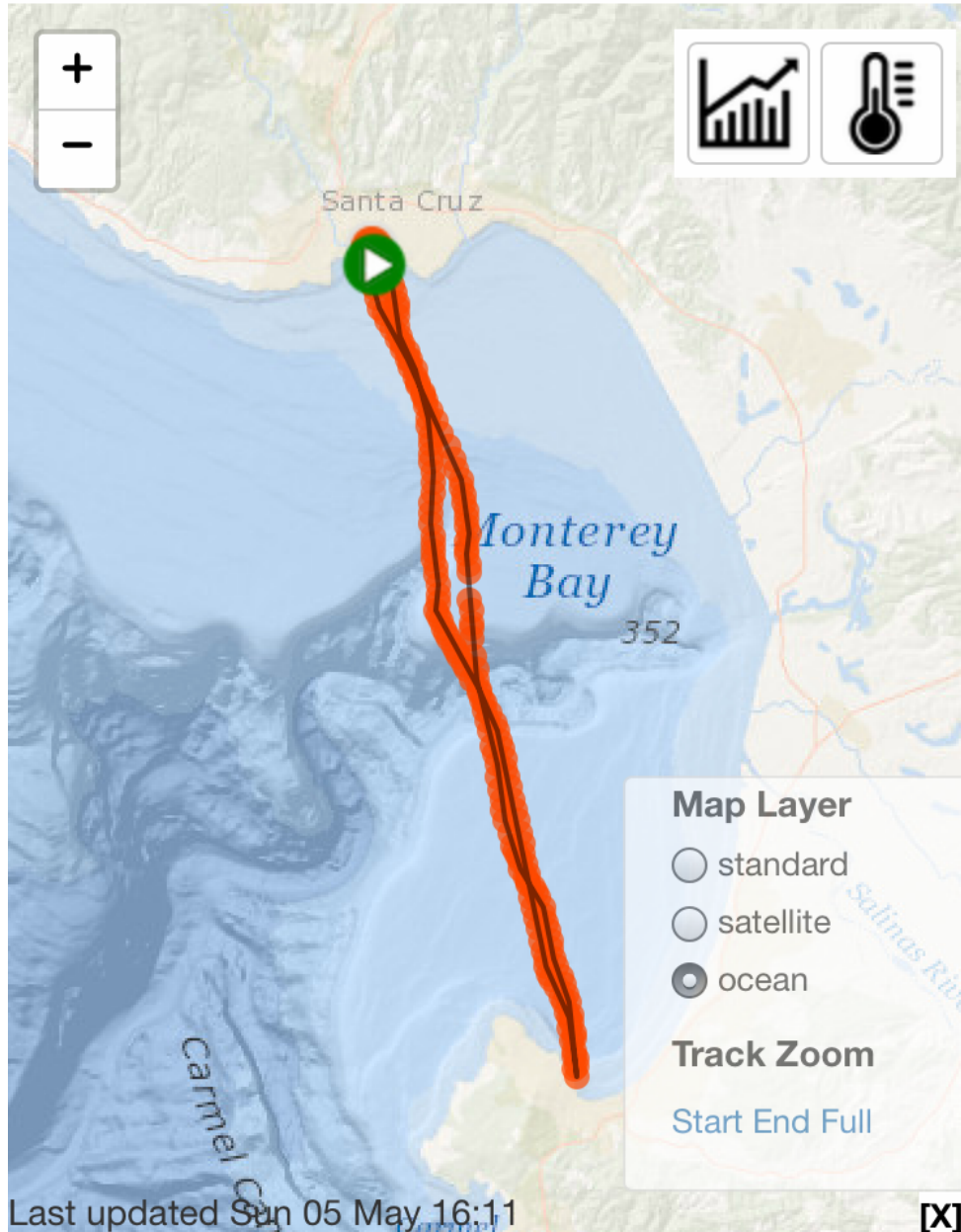


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Team Five-O  
Monterey Bay 2-Way



## Team Five-O Monterey Bay Double Relay Swim Logs – Swim 5/4 and 5/5 2019

**Swim:** Team Five –O Monterey Bay Double Crossing – Relay swim

**Observers:** Brian Thom   **Boat Captain(s):** Brian Thom and Greg Gubser

**Planned Course:** Cowell Beach to San Carlos beach, returning to Cowell Beach.

**Actual Course:** Start & Finish on Seabright Beach (200 yards west of harbor/Walton Lighthouse); Turn around on the beach at San Carlos Beach Monterey, mid beach adjacent to the jetty on the South end of the harbor. The original planned course was SC Harbor beach, returning to SC Harbor Beach. Changed to Cowell beach (a slightly longer course), but at the last minute had to be changed to a start/finish at Seabright due to the large number of commercial salmon fishing boats anchored at Cowell Beach, around the SC Wharf, and East to the harbor. The straight-line distance of Seabright to San Carlos beach is 25 statute miles, for a total course distance of 50 statute miles.

### **Final Swim Duration:**

Leg 1, Santa Cruz to Monterey: 14:48:12

Transition (time on the beach): 45 seconds

Leg 2, Monterey to Santa Cruz: 15:01:43

**Total duration, start to finish (official swim time): 29:51:10**

Start Time of Day: 02:47:30 (Saturday AM)

Arrive at San Carlos Beach: 17:36:12 (Saturday evening)

Leave San Carlos Beach: 17:36:57 (Saturday evening)

Finish Time of Day: 08:38:40 (Sunday AM)

**Course Straight Line Distance:** 50 Statute miles, 80.5 Kilometers

Swimmers (and rotation order):

1. Scott Tapley
2. Kim Rutherford
3. John Chapman
4. Amy Gubser
5. Greg Iendahl
6. Sarah Roberts

Notes: The total capacity of the boat (Nomad) is 8 including captains and observers. The captain/observer played two roles during this swim. Alternating between official observer and driving the boat. Everyone on the boat made contributions to the log throughout the swim. This swim was conducted and observed according to the rules of the Monterey Bay Swimming Association.

Team Five-O Monterey Bay Double Relay Swim Logs – Swim 5/4 and 5/5 2019

All water and air temps are in Fahrenheit and wind estimates are MPH.

Relay Swim Log					
Swimmer	Time of Transition	Water Temp	Air Temp	Stroke Count	Observations
Scott Tapley Swim Start:	02:47:30	57	48	58	<p>There is no moon tonight. The sky is dark and there is a layer of high fog or overcast sky. Slight breeze adding wind chill, but the water appears to be calm ahead. Several fishing boats are anchored with bright white lights from the point to the west all the way toward the harbor. Will need to zig zag our way through the fleet for the first mile or so.</p> <p>Swimmer is dropped off 200 yards off Seabright beach between Mott Ave and Jetty. It is 2AM, but there are people partying on the beach. Someone appears to be on the beach with a flashlight. 2-4 ft shore break.</p> <p>Wind calm.</p>
Kim Rutherford	03:47	56	49	60	<p>Scott is out and Klm is in. Scott reports heavy bioluminescence. So much that it makes him dizzy and must close his eyes a little underwater. It is a bright green.</p> <p>A few sea lions playing under the swimmers.</p> <p>A few jellies hitting the swimmers, but not the stinging type. Lots of unidentified little things in the water.</p>
John Chapman	4:47		49	56	<p>South Wind 2-3 knots, incredible bioluminescence.</p> <p>Even though the water is 56, everyone is reporting coming out feeling cold. It is taking longer for swimmers to re-warm than expected. Possibly from the cold air.</p>
Amy Gubsser	5:47	56	48	65	<p>Amy reports lots of squid. Wind is up a little. 5-6 mph.</p> <p>Starting to get a little more lumpy.</p> <p>As we start to clear the northern point o the bay we are out of the shadow and feeling the swell. We are now rocking and rolling pretty good.</p>
Greg Lendahl	6:47	57	51	66	<p>The Salmon boats are now on their way out to the canyons (Soquel Hole and Monterey Canyon). More fishing boats than we've ever seen on Monterey Bay at the same time. We can see fish jumping too. More sea lions.</p> <p>It's now light out and Greg reports lots of moon jellies, squid...</p>
Sarah Roberts	7:47	56		54	<p>First sign of dolphins. Sarah prefers to swim on the Port side.</p> <p>We are now 16.4 miles from San Carlos beach. Averaging about 1.7 mph overall.</p>

Team Five-O Monterey Bay Double Relay Swim Logs – Swim 5/4 and 5/5 2019

Scott Begin of 2 <sup>nd</sup> rotation	8:47	57	51	56 to 58	First Whale sighted off in the distance. Harbor seal following Scott. Water is super clear. Sky is still grey. Wind is up a little. Sloppy conditions. Sky is still gray. Scott swims through some dead fish (probably from the boats) and birds are picking at the scraps. Lots of Salp.
Kim	9:47	58	57	61	Deep blue water and grey sky. Wind is now calm and it's glassing off again. Kim says "It is SO CLEAR." Blue Fin tuna are jumping out of the water. We think it's Albacore and the fisherman on board get very excited. Greg G. launches the rib to try and go catch some. We keep on keeping on. Giant Tuna jumps out of the water 50 yards from Kim!
John	10:47	58		52	John's stroke is so smooth and so nice to watch. He is so efficient. We see another whale jumping about ½ mile away. Greg is out chasing for Tuna.
Amy	11:47	57		62	Amy and John take a little video during the transition. Another whale sighted + more sea lions. A pod of about 30+ Sea Lions chasing bait.
Greg	12:47		56	66	Wind is coming up again 8 mph, choppy on the surface. Still mostly gray out, but underwater the sea is clear and deep blue.
Sarah	13:47				Wind up to 15 mph now and there are white caps and lots of big rollers. The ride on the boat is rough.  Everyone has been trying to re-warm and sleep a couple of hours between swims.  Trying to maintain at least two spotters on deck always to watch swimmers, which means less time to sleep. Everyone is busy on the boat doing jobs, heating water, watching swimmers, taking care of the captains, and making notes in the log.
Scott Begin of 3 <sup>rd</sup> rotation	14:47	58	59	55	Wind 12-15, with some bigger gusts. Whitecaps. Sun is now out, which helps the swimmers stay warm. Scott decides to swim on the Port side of the boat for protection from the wind, which is mostly out of the WSW. Sun is out.
Kim	15:47	60?	57	58	Partly cloudy. Wind is still 12 to 15 mph with some good size rollers and a few white caps.
John	16:47	59	55	66	Water is warmer now on the approach to the Monterey Peninsula. Lots of white caps. Clouds are starting to fill in again as we approach Monterey. Land seems so close, but it's an optical illusion of the peninsula. We still have to get to the Southern most part of the Bay, which is adjacent to the Monterey Harbor.

Team Five-O Monterey Bay Double Relay Swim Logs – Swim 5/4 and 5/5 2019

	17:36:12 (end of leg 1)  17:36:57 (begin leg 1)				<p>John lands on San Carlos beach and clears the water. Greg's mother is there to shoot a few photos. John spends a whopping 45 seconds on the beach and then re-enters the water. He makes his way back to the boat, stopping a few times to dive down and take some movies (he dragged his camera along with him) as he passes through the kelp beds. Nomad is waiting off shore.</p> <p>He swims up to the boat and we joke about who wants to go back to Santa Cruz. And why didn't you pick up some calamari while you were Monterey... We can smell the bread bowls and clam chowder from Cannery Row nearby.</p>
Amy	17:47	59		66	<p>John back and the boat and Amy back in. Mostly cloudy again.</p> <p>Still some wind and sea chop heading back out to sea across the Bay. Amy wants to veer far to the right away from the Boat. Finally settles in next to the boat.</p>
Greg	18:47	58	55		<p>Wind down slightly. Maybe 8 to 10.</p> <p>When Greg gets out he says the temp dropped suddenly and now feels colder.</p>
Sarah	19:47	57	55	54	<p>Still pretty lumpy on the surface. Starting to clean up a little. Full clouds now.</p> <p>We set up a fresh set of glow sticks on both sides of the boat.</p> <p>Note: we are using Red on the port side and Green on the Starboard side.</p>
Scott Begin of 4 <sup>th</sup> rotation	20:47	56	53	56	<p>Water temp is back down to 56. Dark again. Scott is back in.</p> <p>At 9:15, Scott swims right to the side of the boat. Kim tells him to swim further out, but Scott reports something big swimming below him in the darkness. Only visible from the large glow of bioluminescence. Spooked. Eventually Scott moves back away from the boat. About 15 minutes later it comes back right under him. Sea Lion? Sun Fish? Something else? Scott thinks it the Eye of Sauron looking deep into his soul.</p>
Kim	21:47	58	52	55	<p>Wind is now down and the sea surface is cleaning up nicely. A sea lion races from the port side, under the boat and right under Kim. She jumps and treads water while the crew shines the spot light.</p> <p>A little startled, she keeps on swimming into the darkness.</p>
John	22:47		54	53	<p>Wind is now light. John has a nice smooth swim in the darkness with nothing but the bright green bio to distract him. No new visitors.</p>
Amy	23:47	56	54	69	<p>Wind is calm. High Clouds. A few gusts of wind here and there and some big rollers, but pretty nice water to swim in. We can now clearly see a band of lights outlining the perimeter of the Monterey Bay. The red lights of Moss Landing are visible.</p>
Greg	24:47	56	54	66	<p>Surface is a little lumpy again, and the wind feels very cold. 37 (nautical?) miles covered so far.</p> <p>Greg says that was his best swim so far. Went by fast. Felt good.</p>

Team Five-O Monterey Bay Double Relay Swim Logs – Swim 5/4 and 5/5 2019

Sarah	1:47 Sunday	56	50	54	<p>The air is 50, but with the wind it feels much colder. The crew is very tired and having a little trouble fully warming up between swims, but everyone is in good spirits and taking good care of each other. The two captains are doing a great job alternating between driving and observing, and giving each other nap time. We are a well-oiled machine.</p> <p>This is the end of the 4<sup>th</sup> rotation and everyone is hoping we can get this done with only one more rotation. Everyone is pretty cold.</p>
Scott Beginning of the 5 <sup>th</sup> rotation	2:47	56	50	56	<p>Water is now pretty calm. Scott “A sea lion just swam under me.” About 10 statute miles remaining.</p>
Kim	3:47	56	51	58	<p>Winds still calm. She reports “Some large critters under me. Not sure what.” Just about 8 statute miles remaining.</p>
John	4:47		52	57	<p>Wind 3-5 and only sight texture on the water. Wind is now moving more NW.</p>
Amy	5:47	58	52	68	<p>Cute seal playing around the rib (being towed by Nomad)</p>
Greg	6:47	57	52	59	<p>Water is warming up as we get closer to land. A harbor porpoise.</p>
Sarah	7:47	57	52	57	<p>John wearing Monarch Butterfly wings on the bow as we approach Seabright beach. A small group of friends and family wait on the beach. It’s overcast and super glassy water as we approach shore.</p> <p>The rest of the team jumps in to swim to shore behind Sarah. She will finish within her allowed time.</p>
FINISH	8:38:40				<p>Sarah steps onto dry sand at Seabright beach in the exact spot where the swim began.</p>

Swim: TEAM FIVE-D MONTEREY BAY X2 RELAY Date:

Observer 1: ~~Observer 2:~~ Boat & Captain(s): BRIAN THOM, GREG GUBSER - NOMAD  
BRIAN THOM

Planned Course: SANTA CRUZ TO MONTEREY TO SANTA CRUZ

Actual Course: SEASIDE BEACH (MOTT AVE) TO SAN CARLOS BEACH,

Final Swim Duration:

Start Time: 02:47:30 TUES.

Finish Time: 8:38:40

Start Location: SEASIDE BEACH, CA

Finish Location: SEASIDE BEACH 200YD W/ JETT

Course Straight Line Distance: 50 STAT. MILES

Actual Distance Travelled (as defined by GPS on support boat): N/A

Crew Chief: GREG GUBSER

Crew: RELAY

Swimmers and order:

1. SCOTT TAPLEY
2. KIM RUTHERFORD
3. JOHN CHAPMAN
4. AMY GUBSER
5. GREG LEADNALL
6. SARAH ROBERTS

Notes:

BOAT CAPACITY = 6

" " = OFFICIAL OBSERVER

W/ ASSIST. BY CO-CAPT.

LANDED SAN CARLOS 17:56:12

STARTED BACK 17:56:57

LEG 1: 14:48:12

TRANSIT: 00:00:45 SEC

LEG 2: 15:01:43

TOTAL: 29:51:10

24 29:51:10



Relay Swim Log					
Swimmer	Time of Transition	Water Temp	Air Temp	Stroke Count	Observations
SCOTT TAPLEY		58° 57°	48°	58	lots of bioluminescence SO MUCH BIO. I HAD TO CLOSE MY EYES. IT WAS A SUPER LIGHT SHOW.
Kim R.	3:47	56° 00422	49°	60	Bioluminescence still; Scott reports a few jellies
John C.	4:47		49	<del>46</del> 50	Wind 2-3 Knot - increased bioluminescence
Amy	5:47	56°	48	65	Amy reports lots of squid. <span style="float: right;">BRZ. 5-6 m h texture but no white legs</span> WE LUMINOS AND SWELL
Greg L.	6:47	57°	51	60	Salmon fishermen over local canyon <span style="float: right;">LOTS OF MOON JELLY SALP AND SQUID</span>
SARAH	7:47	56° 57°		54	VERY GREY OUT. 16.4 STATUTE MILES TO FIRST DOLPHINS SARAH SWITCHED TO RANT

Relay Swim Log					
Swimmer	Time of Transition	Water Temp	Air Temp	Stroke Count	Observations
Scott	8:47	57° WHALE	51°	56	harbor seal / grey / sky water clear / grey / sky 09:20 bird pecking on carrot or dead fish
					09:23 dead, red crabber with bird having a snack
Kim	Calm Greg Jkt 9:47 Reep blue/sun water.	<del>58</del> 57	57	61	Wooo! Its so clear! ☺ Capt. says nobody has seen them in 3 years. Albacore Tuna Literally flying out of the water 50 Yards from Kim, but out the fishing gear ☺ Greg taking the Rib out to go catch some
John	10:47 (12.7 miles to mount.)	57		52	WHALE Jump 156 1/4 mile away
Amy	11:47	57° <del>58</del>		<del>52</del>	Amy & John underwater photo whales, sea lions pod (30+)
Greg	12:47		56	66	Wind's come up, surface choppy.

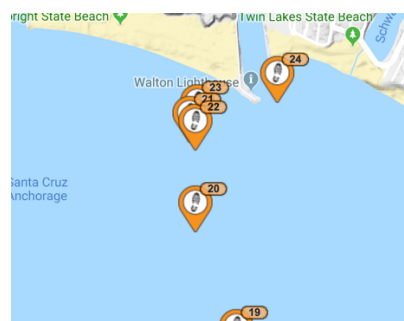
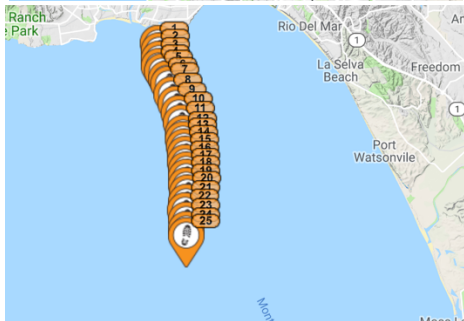
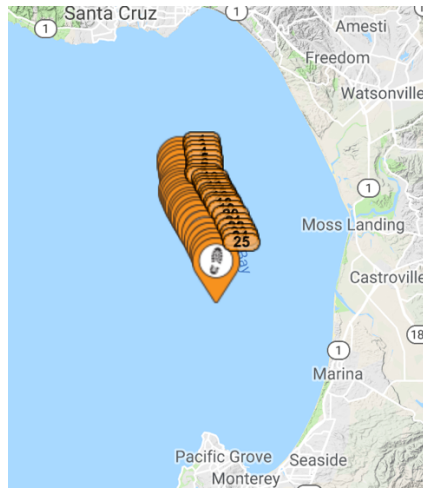
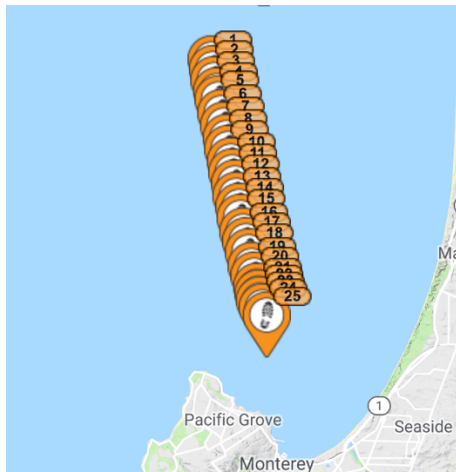
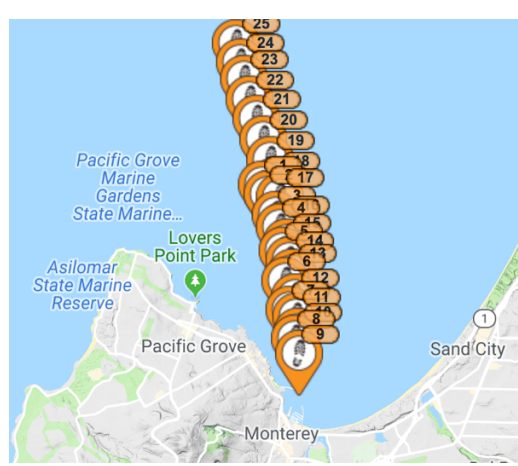
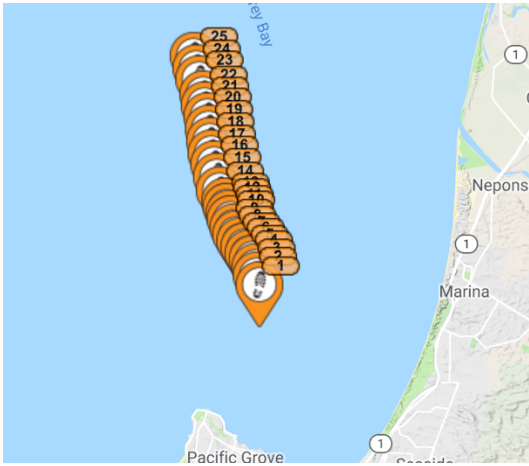
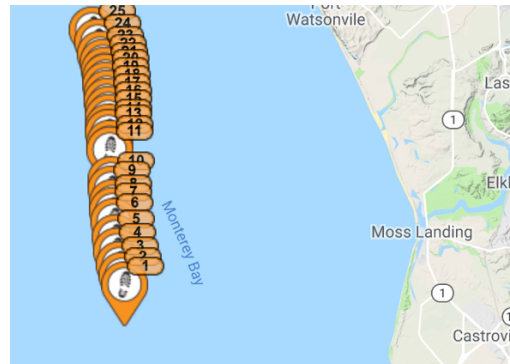
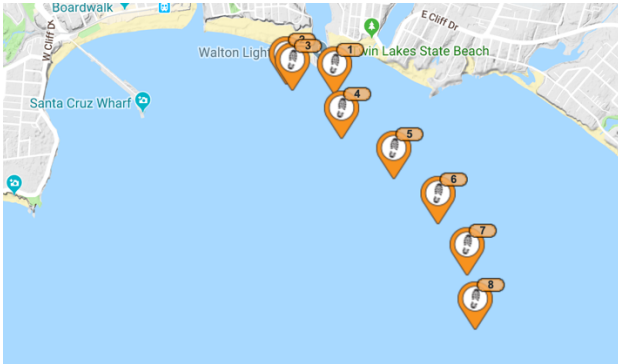
Relay Swim Log					
Swimmer	Time of Transition	Water Temp	Air Temp	Stroke Count	Observations
SARAH	1:47 13:47				WIND 12 WHITECAPS, CHAS. SUN OUT. Sea lion swam w/in 4' of Sarah!
Scott	14:47	58.5	<del>58.5</del> 59	55	WIND 12K whitecaps SUN OUT
Kim	15:47	60	57	58	partly cloudy, wind picked up steady swimming
John	16:47	59	55	57	WIND 12 Kt white caps cloudy approaching Beach 17:36.12 / 17:36.57
AMY	17:47	59	55	66	17:41 SWIM BEACH TO 6-15-5 min. TO TRANSITION. MOSTLY CLEAR AHEAD. WIND CALM IN THE LOT OF THE POINT.
Greg	18:47	58	55		9-10 Knt Wind



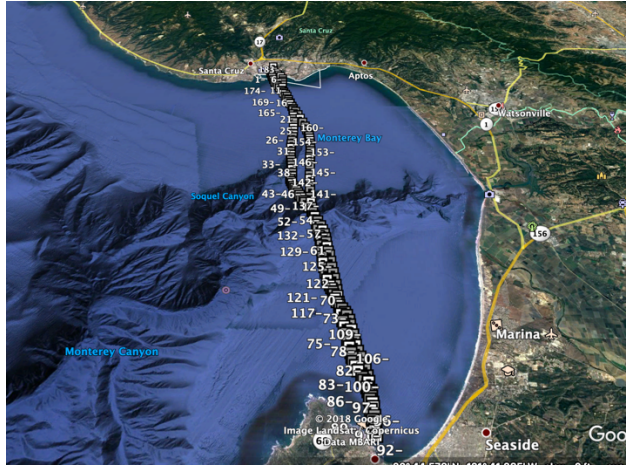
Relay Swim Log					
Swimmer	Time of Transition	Water Temp	Air Temp	Stroke Count	Observations
SARA H	7:47 19	57°	55	54	6:45 SAYS IT FELT "LOSER" STILL LIMPY, BUT STARTING TO CALM NOW
SCOTT	8:47 PM 20	56°	53°	56	ITS DARK NOW @ 21:12 something large under scott
KIM	9:47 PM 21	58	52 1/2°	55	WIND 3 KNOTS B: O Lums son is Seal lion leaps next to her, exhales.
John	<del>20:47</del> 22:47		54	53	WIND 1-2 KNOTS P WIND 7 knots
Amy	23:47		54	69	WIND 7 knots
Greg	24:47	56	54	66	cold wind lets, 37 miles covered

Relay Swim Log					
Swimmer	Time of Transition	Water Temp	Air Temp	Stroke Count	Observations
SMITH	1:47	56	50	54	DARK, CLOUDS. RIB 3PT. NW. 11.2 mi to SEASIDE
SCOTT	2:47	56	50	56	slight - 0 breeze sea lion swam under me!
KIM	3:47	56	51	58	Winds same as last hour. G. Kim! large critters under me RIZO?
JOHN	4:47		52	57	wind ↑ 3-5 knots
AMY	5:47	58	52	68	Wind 3 knots Cute <del>harbor</del> seal eyeing the RIB
GREY	6:47	57	<del>55</del> 52	69	wind +3 kts. Harbor Porpoise med size <del>pod</del> POD

Relay Swim Log					
Swimmer	Time of Transition	Water Temp	Air Temp	Stroke Count	Observations
Sarah	7:47	57	52	57½	monarch Butterfly spotted on Bow of Nomad.
					8:38:30 40









## RAW SPOT TRACKER DATA

		-
5/4/19 2:34	36.95967	122.00157
		-
5/4/19 2:41	36.96036	122.00569
		-
5/4/19 2:51	36.95994	122.00513
5/4/19 3:01	36.95666	-122.0009
		-
5/4/19 3:11	36.95395	121.99646
		-
5/4/19 3:21	36.95082	121.99268
		-
5/4/19 3:33	36.94736	121.99019
5/4/19 3:43	36.94367	-121.9895
5/4/19 3:51	36.9413	-121.9894
		-
5/4/19 4:01	36.93732	121.98892
		-
5/4/19 4:11	36.93315	121.98882
		-
5/4/19 4:21	36.92889	121.98843
		-
5/4/19 4:31	36.92611	121.98643
		-
5/4/19 4:42	36.92257	121.98425
		-
5/4/19 4:51	36.91961	121.98238
		-
5/4/19 5:01	36.9143	121.98019
		-
5/4/19 5:11	36.9094	121.97781
		-
5/4/19 5:21	36.9043	121.97558
		-
5/4/19 5:31	36.89915	121.97412
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5/4/19 5:42	36.89374	121.97319
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5/4/19 5:50	36.89051	121.97275
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5/4/19 6:00	36.88675	121.97218
		-
5/4/19 6:10	36.88287	121.97171

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5/4/19 6:20	36.87862	121.97142
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5/4/19 6:30	36.87468	121.97118
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5/4/19 6:41	36.87058	121.97086
		-
5/4/19 6:51	36.86658	121.97063
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5/4/19 7:00	36.86237	121.97047
		-
5/4/19 7:09	36.85769	121.97113
		-
5/4/19 7:19	36.85322	121.97128
		-
5/4/19 7:29	36.84851	121.97121
		-
5/4/19 7:41	36.8436	121.97089
5/4/19 7:49	36.84026	-121.9707
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5/4/19 7:59	36.83681	121.97026
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5/4/19 8:09	36.83352	121.96957
		-
5/4/19 8:19	36.83008	121.96884
		-
5/4/19 8:29	36.82679	121.96835
		-
5/4/19 8:40	36.8228	121.96779
		-
5/4/19 8:53	36.81848	121.96709
		-
5/4/19 9:02	36.81463	121.96709
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5/4/19 9:12	36.8116	121.96832
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5/4/19 9:20	36.80907	121.96736
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5/4/19 9:29	36.80666	121.96609
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5/4/19 9:40	36.80371	121.96474
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5/4/19 9:58	36.79903	121.96146

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5/4/19 10:08	36.7965	121.95966
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5/4/19 10:18	36.79407	121.95805
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5/4/19 10:28	36.79129	121.95621
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5/4/19 10:40	36.78855	121.95427
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5/4/19 10:48	36.78661	121.95288
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5/4/19 10:58	36.78158	121.94905
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5/4/19 11:08	36.77687	121.94597
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5/4/19 11:18	36.77232	121.94295
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5/4/19 11:39	36.76314	121.93738
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5/4/19 11:48	36.75928	121.93552
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5/4/19 11:58	36.75561	121.93387
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5/4/19 12:07	36.75182	121.93272
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5/4/19 12:17	36.74804	121.93187
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5/4/19 13:17	36.72085	121.92523
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5/4/19 13:27	36.71618	121.92401
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5/4/19 13:37	36.7111	121.92271

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5/4/19 13:47	36.70689	121.92194
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5/4/19 13:57	36.70234	121.92097
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5/4/19 14:38	36.68337	121.91656
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5/4/19 14:46	36.67965	121.91541
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5/4/19 14:57	36.6748	121.91403
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5/4/19 15:20	36.66542	121.91136
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5/4/19 15:30	36.66144	121.91005
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5/4/19 15:38	36.65834	121.90923
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5/4/19 15:46	36.65548	121.90842
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5/4/19 16:47	36.63676	121.89786
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5/4/19 22:25	36.71072	121.92723
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5/4/19 22:47	36.71548	121.92953
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5/4/19 22:57	36.72076	121.93125
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5/4/19 23:07	36.72557	121.93262
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5/4/19 23:15	36.72989	121.93374
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5/4/19 23:45	36.74511	121.93593
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5/4/19 23:56	36.74947	121.93692
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5/5/19 0:18	36.7599	121.93985
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5/5/19 0:28	36.76446	121.94116
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5/5/19 0:38	36.76887	121.94241
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5/5/19 0:48	36.77305	121.94366
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5/5/19 0:54	36.7767	121.94504

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5/5/19 3:33	36.84454	121.95161
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5/5/19 3:43	36.84783	121.95209
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5/5/19 3:53	36.85132	121.95254
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5/5/19 4:03	36.85424	121.95288
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5/5/19 5:03	36.87663	121.95961

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5/5/19 6:02	36.90457	121.97572
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5/5/19 6:12	36.90832	121.97812
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5/5/19 6:22	36.91184	121.98016
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5/5/19 6:32	36.91551	121.98238
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5/5/19 6:42	36.91962	121.98442
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5/5/19 6:53	36.92399	121.98697
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5/5/19 7:02	36.92844	121.98955
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5/5/19 7:12	36.93251	121.99234
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5/5/19 7:22	36.93567	121.99477
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5/5/19 7:31	36.93845	121.99672
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5/5/19 7:41	36.94127	121.99854
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5/5/19 7:53	36.94535	122.00032
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5/5/19 8:05	36.94968	122.00208
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5/5/19 8:11	36.95201	122.00316
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5/5/19 8:23	36.95636	122.00496
		-
5/5/19 8:31	36.95954	122.00523
		-
5/5/19 8:41	36.95925	122.00497



		-
5/5/19 8:52	36.95994	122.00491
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5/5/19 9:01	36.96093	122.00139
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5/5/19 9:11	36.96728	122.00319