



## Team Nadadores Locos, 6 Person Monterey Bay Relay

**Date:** May 1, 2016

**Course:** San Carlos Beach Monterey to Cowell's Beach Santa Cruz

**Straight Line Swim Course Distance:** 25.3 statute miles

**Distance Traveled via Pilot Boat (on the GPS):** 28 statute Miles

**Swim Duration:** 13 hours, 41 minutes, 32 seconds

START/FINISH	LOCATION	LATITUDE/LONGITUDE	TIME
Start	San Carlos Beach, West of Monterey Municipal Harbor	36°36'34.54"N; 121°53'42.40"W	01:04:40
Finish	Cowell Beach, West of Santa Cruz Municipal Wharf	36°57'40.69"N; 122° 1'26.62"W	14:46:12

**MBSA Observer 1:** [Scott Tapley](#) **MBSA Observer 2:** Robin Rose

**Boat & Captain(s) & Navigation:** Silver Prince Charters, Monterey; Dave Todd & Stephan Bitterwolf

**Crew:** Stephanie Duhau (paddler)

### Swimmers and swim rotation order:

1. Andrew McLuaghlin
2. Amy Gubser
3. Kirk McKinney
4. Les Mangold
5. John Sims
6. Jeff Everett



**Sanctioning:**

This swim was observed and sanctioned by the Monterey Bay Swimming Association

**Swim Category:**

Unassisted Marathon Relay Swim

**Rules**

This swim was conducted following the rules for all Monterey Bay Relay swims as published by the [Monterey Bay Swimming Association](#).

This swim also followed guidelines defined by the [Marathon Swimmers Federation](#).

**Costume & Swim Gear:**

1. All swimmers used swimwear that conforms to Monterey Bay Swimming Association and MSF definitions of standard equipment. One standards swim suit, one cap, and goggles.
2. Some swimmers used Mack's Ear Plugs and used minimal Vaseline for chaffing.
3. All swimmers wore a single latex or silicon 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:** Beaufort Force 0-3 (0-10 knots) with some 15 knot gusts. NE, shifting to NW in the afternoon. Swim started with glassy conditions and no wind. It became windy (4 knots) about 4AM, glassed off again in the morning, and then became windy (10-15 knots) in the afternoon.

**Water Temperature (degrees Fahrenheit):** 51-56 Swimmers reported "very cold pockets of upwelling."

**Air Temperature (degrees Fahrenheit):** Low 50, High 65

**Swells:** NW 4-7 ft, with a few 8-10ft rogue rollers, SW 1-3 ft ground swell

**Skies:** Stars at night. Sunny and light haze in the morning. Sunny afternoon. Waning Crescent 29.9% moon rising just before 4:AM adding some light to the dark night and water.

Lots of Bioluminescence in the water.

## Observers' Narrative

by *Scott Tapley*

For most people, this is what nightmares are made of. You wake up on a damp cot on the deck of a small boat 15 miles from shore. You've slept for ten minutes in the past 24 hours. Your makeshift bed slides left and right as the boat is tossed by wind and waves. The night is dark and the stars are thick. Black water surrounds you. You can hear the occasional cough of a huge sea lion or the deep exhale of a 40-ton marine mammal passing a few yards away. Faintly in the wind, under the rumble of a diesel engine shifting in and out of gear, you hear a voice... "5 minutes." It's a call to get your shivering ass out of a warm sleeping bag, strip off your clothes and dive naked (again) into the 52 degree hypothermic inducing water of the Monterey Bay Marine Sanctuary. Immediately you're stung by a jelly fish and for a split second you remember you've entered the food chain bobbling along atop 4000 feet of water. You know what lives here, but you've got a job to do. SWIM!



In Spanish, the word *nadadores* means swimmers. The word *locos* can be translated as crazy, insane, tremendous, extraordinary, or simply *lunatic*. All of these fit when used to describe the six brave and at times hilarious friends who go by the name Nadadoes Locos. These Crazy Swimmers turn nightmares into playtime, as they continually raise the bar for what's considered extreme in long-distance open water swimming. For example, a 25 mile sprint across the icy waters of the Monterey Bay is a mere training swim for their next "big" adventure. This band of merry misfits includes several men and women who swim regularly year round in the San Francisco Bay - without wetsuits.

On May 1, 2016, the team included five Loco men and one Loco woman who came together to be the first RELAY team to complete a swim from Monterey to Santa Cruz. They are also the only group to ever attempt a swim in May, while the water is still hovering in the low 50s. Over the past 36 years, there have been several relays and three completed solo marathon swims across the Bay. All but one of these historic swims went from North to South, to follow the prevailing wind and currents. In September of 2014, Kim Rutherford pioneered the northbound route in 22 hours, 6 minutes.

Just before midnight on April 30, 2016, I met up with swimmers Amy Gubser, Andrew McLaughlin, Kirk McKinney, John Sims, Jeff Everett, and Les Mangold, as well as Stephanie Duhau. Stephanie was there to support the swim as a safety paddler and be on the lookout for overly curious wildlife. I was joined by Robin Rose and Kim Rutherford, fellow marathon swimmers and Monterey Bay Swimming Association observers. Tonight Kim was providing transportation while Robin and I would board the escort boat to observe and document the swim.

After an hour of searching for our boat, we finally boarded the Silver Prince Motor Yacht and left the harbor for San Carlos Beach. At 1:04 AM Andrew stepped off the beach into the dark water and began his first 1 hour leg of swimming.

Each swimmer would swim exactly one hour, and then be replaced by another swimmer in the rotation. This cycle would continue in one hour legs until the last swimmer reached land 25.3 miles away in Santa Cruz.

The swim began under dark skies and even darker water, but fortunately the sea was calm. There was mixed swell with some good size rollers twisting the boat and lifting the swimmer and kayak slowly up and then lowering them down between the troughs. The moon had not yet risen, and the stars were bright. The water was black, so we tracked our swimmers by following a brightly colored light strapped to their goggles and listening for the slap slap slap of each hand as they stroked forward. The Kayak was lit with a string of glow sticks and Stephanie kept a close watch from water level, as Robin and I watched from the nauseous comfort of a rocking boat.

About one mile from shore, I saw what looked like a fin slip through the shiny water only a few feet from Andrew. Just then, Stephanie quietly called out "Shark?" Amy laughed "That was a sea lion with a fin up." I pulled out the radio to call Stephanie. "It's just a Sea Lion." I hope. I'm not sure what it is with Andrew and mysterious sea creatures. On a recent swim in the Farallon channel, I watched from the boat as a large shadow lurked below Andrew for several minutes, and then disappeared.

At roughly 2 AM, Amy slipped on her pink Locos cap (donned with skull and cross-bones) and plunged over the side of the boat to relieve Andrew. Andrew reported good swimming conditions and a few jelly fish stings. One thing we all noticed very quickly was how the skipper was having trouble keeping the boat pointed in a straight line to our destination. Overall the boat was moving on a good course across the Bay, but its speed was so variable it was impossible for the kayak and swimmer to stay positioned directly beside the boat. With Santa Cruz over 20 miles away, there was nothing visual to swim to, so in order to stay on course Stephanie would need to steer the swimmer on her own, while the boat motored nearby. It was much too dark for her to easily see the compass mounted on her Kayak. Instead, she found a heading in relation to the Big Dipper in the sky and locked onto that for direction until daylight.



While Amy swam face down in the abyss, she reported magnificent bioluminescence. With each pull of her hands, it left bright green trails of light, making a nice distraction from the bone chilling water and the wind that was slowly creeping up. When she returned to the boat, she was covered in sparkling neon bioluminescent zooplankton. Peeling back the top of her bathing suit, she revealed her newly decorated "bio-boobs." Burning Man meets marathon swimming.

While Kirk (a.k.a. Mongo) was swimming his first night shift, a big orange half moon peeked over the horizon above the Salinas Valley. As the moon rose, it cast a faint light over Kirk and put a shine on the water that made him look like a superhero swimming through a pool of mercury. A gang of bullish Sea Lions trailed close behind.

As we neared the edge of the Monterey and Soquel Canyons, which plunge to 4000 feet below the swim course, the water temperature dropped and the swimmers reported pockets of extremely cold upwelling. Next up was Les. During Les's night shift, boat control issues persisted with increasing wind and what appeared to be a fouled prop. While Stephanie continued to impress the crew with her

celestial navigation skills, the captain worked to regain both engines, and Les swam on. With the boat swinging, Les nearly swam under the bow, and I worried for a moment he was going hypothermic on us.



As we passed the five hour mark, John relieved Les as night gave way to dawn. John always keeps these swims interesting by surprising everyone with a variety of his very own fashion show of colorful speeds and matching swim goggles that compliment his sense of humor.

Meanwhile, back on the boat, the remaining swimmers attempted to nap anywhere they could find to curl up. This is not an easy task on a boat that's jolting up and down and swaying side to side. The wind speed increased out of the North East and was crossing up with a mixed swell out of the North and South West. This created a sloppy washing machine effect.

The last swimmer in the six person rotation was Jeff. During Jeff's shift, we were treated to a wonderful sunrise and the ocean took on the texture of what open water swimmers politely call "lumpy." As the gray water turned to purplish-gold, we began to hear more whales. A few weeks before the swim, [a video was circulating](#) on social media showing thousands of dolphins fleeing a pod of Orcas in the Monterey Bay. Everyone wondered if Orcas had an appetite for Speedo wearing humans, but at the same time everyone secretly hoped we'd get to see these magnificent creatures up close (but not too close).

Seven hours into the swim, Stephanie was still going strong on the Kayak, but it was time for a long overdue break. I decided to step in as Kayaker while Stephanie rested and Robin continued as the official observer.

At this time, our first captain (Dave) boarded his skiff tied to the side of the boat and headed back to shore. Our second captain Stephan took over and immediately positioned the boat, as if on a rail, right beside our swimmer. Without the skiff tied to the side of the boat and Stephan's excellent boat handling, we now had much easier navigation.



During Andrews's second shift, he was visited by a pod of dolphins, while more whales surfaced in the distance. During Amy's second shift, we were now somewhere over the Monterey or Soquel Canyon and were now dodging several fishing boats. It's always a little unnerving swimming through baited water in the Monterey Bay. The team was averaging 2.1 miles per hour. By now the wind was laying down, the sun was out and we were seeing a collection of whales, including humpbacks, a gray whale, and at least one Minke whale.

Kirk entered the water again at 9:04 AM and treated the nearby fisherman to a butterfly demonstration. I can only wonder what they thought bundled in their foul weather gear and life vests to see this crazy half naked swimmer flying through the water in his pink cap miles from shore.

By the time Les swam again, we could make out the Dream Inn and a sailing Regatta off in the distance. The water had heated up to a balmy 54 degrees. The wind was coming up again and at 11:04, John relieved Les just in time for the wind to kick up to 10-15 knots. Good for sailing, bad for swimming. But the Locos took it all with a smile. Another two miles down and Jeff replaced John to finish off another full cycle of swimming for the team.



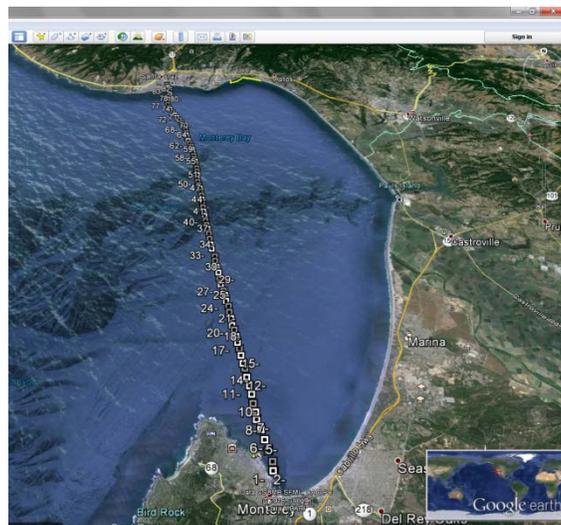
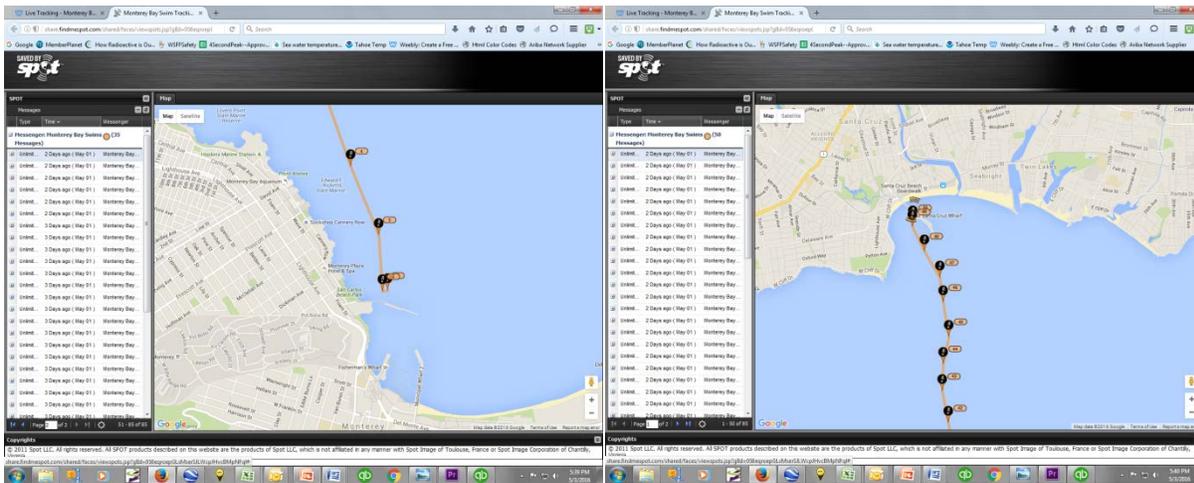
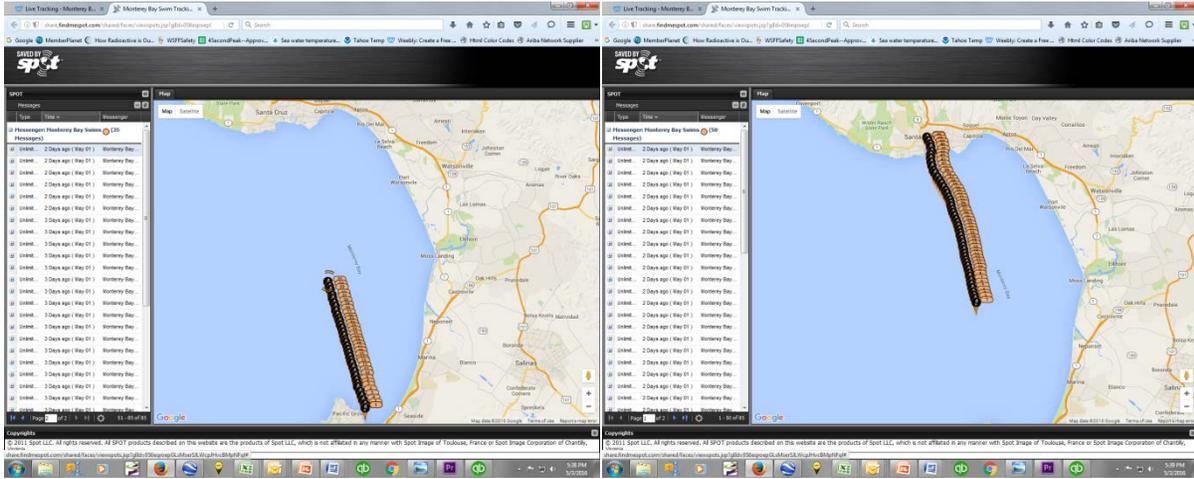
With just over 3 miles to go, Andrew took his third and final shift. He was on fire as land appeared close, but still too far to reach in one hour. Amy would be the one to take the team home.

As Amy jumped in to finish the job, we snuck right through the sailing regatta and Amy had to dodge the heeling boats. The sailors looked confused. Andrew, Kirk, and John joined Amy for the final 1.25 miles to shore and as we approached the end of the Santa Cruz Wharf, Joel Wilson from CRUZ masters and the Monterey Bay Swimming Association swam out with fellow CRUZers to welcome the Locos and escort them to shore.



At 2:46 in the afternoon, Amy walked onto a crowded Cowell's beach filled with unaware tourists and a few family, friends and fans. The Locos had just become the first relay team to swim from Monterey to Santa Cruz in a time of 13 hours and 41 minutes. Congratulations Locos! What's next?

# Spot Tracker Snapshots



KLM Export into Google Earth

**Swim:** Team Locos - Trans-Monterey Bay Relay 6 person

**Date:** May 1, 2016

**Observer 1:** Scott Tapley    **Observer 2:** Robin Rose    **Boat & Captain(s):** Silver Prince MV - Monterey; Dave Todd and Stephan Bitterwolf,

**Planned Course:** South to North (Monterey to Santa Cruz) one way Trans-Monterey Bay Swim

**Actual Course:** San Carlos Beach, Monterey to Cowell Beach, Santa Cruz

**Final Swim Duration:** 13 hours, 41 Minutes, 32 Seconds; 13:41:32

**Start Time:** May 1, 01:04:40 AM

**Finish Time:** May 1, 14:46:12 (2:46:12 PM in the afternoon)

**Start Location:** San Carlos Beach, Monterey 36°36'34.54"N; 121°53'42.40"W

**Finish Location:** Cowell Beach, Santa Cruz 36°57'40.69"N; 122° 1'26.62"W

**Course Straight Line Distance:** 25.3 Statute Miles

**Actual Distance Travelled (as defined by GPS on support boat):** 28 Statute Miles

**Crew Chief:** Stephanie Duhau

**Crew:** Stephanie Duhau, Paddler;

**Swimmers and order:**

1. Andrew McLuaghlin
2. Amy Gubser
3. Kirk McKinney
4. Les Mangold
5. John Sims
6. Jeff Everett

**Notes:**

- Water temps measured between 52f and 56f. Marine Buoys recorded 51.3 mid bay. Swimmers reported colder pockets of upwelling possibly below 50f.
- This was the first known South to North swim Relay in Monterey Bay.

## **Brief History of trans-Monterey Bay Swims:**

### **Solo Marathon Swims:**

- **27% Success Rate**
- **11 Attempts (by 7 swimmers)**  
**Cindy Cleveland, Suzanne Riedinger, Laura Collette, Bruckner Chase, Patti Bauernfeind, Kimberly Rutherford, Eric Gutierrez**
- **3 Completed Solos**
  - September 1980, Cindy Cleveland, 15 hours 21 minutes (first trans-bay swim) from Cowells to Lovers Beach (24 Miles)
  - August 2014, Patti Bauernfeind, 13 hours (fastest solo crossing) from SC Harbor to San Carlos Beach (25 Miles)
  - September 2014, Kim Rutherford, 22 hours, 6 minutes (first South to North) from San Carlos Beach to SC Harbor (25 Miles)

### **Assisted & Adventure Swims:**

- **Bruckner Chase, 2010**

### **Other Relay Swims:**

- **UCSC: 1-2 teams/year from 2000-2012**  
Swims went from Seabright (by the Harbor) to San Carlos Beach (25 miles). Times vary and MBSA is awaiting records from the USCS swim coach.
- **Santa CRUZ Masters 2004, 2008, 2009**
  - In 2004 Sants CRUZ Masters (team unknown) swam from Santa Cruz to Monterey (time unknown).
  - In 2008 Santa CRUZ Masters (8 person team) Randy Brown, Joel Swartz, Karah Nazor, Moby Coquillard, Jim Sweeny, Dan Sheridan, Judith Sheridan, Joel Wilson swam from Seabright to MB Aquarium (24 miles) in 9:27:00.
  - In 2009 CRUZ Masters (6 person team) Hendrik Meerman, Joel Wilson, Marta Bechhoefer, Michelle Macy, Tim Cespedes and Lizzie Miller swam from Seabright to San Carlos Beach (25 miles) in 10:29:00.
- **SERC 2001**  
In 2001 SERC, (6 person team) Kristine Buckley, Colleen Vojvodich, Gary Emich, Dan Needham, Drew Downs, Laura Colette swam from Seabright to San Carlos Beach (25 miles ) in 12:24:16 .
- **SERC & DOLPHIN CLUB 2004**  
In 2004 there was a mixed SERC and Dolphin Club relay that swam from Santa Cruz to Monterey. Details are unknown.
- **West End Wharf Wine and Swim Club 2008 (attempted relay, aborted)**
- **KELP KRAWLERS 2015**  
In 2015 Kelp Krawlers, (5 person team), Frank Reynolds, Thomas Dietrich, Michael Sharf, Paul Reynolds, Joe Schertler swam from Capitola to Lovers Beach (24 miles) in 10:20:55. This was the first MBSA sanctioned relay.

**Course**

The following is a list of acceptable Start and Landing locations for sanctioned trans-Monterey Bay swims.

**Northern End:**

1. Seabright /Harbor Beach (within 100 yards of the jetties) 36°57'41.57"N, 122° 0'12.68"W OR 36°57'44.07"N; 122° 0'2.31"W
2. Cowell /Main Beach (within 100 yards of the wharf) 36°57'42.27"N, 122° 1'23.82"W
3. Capitola Beach (within 100 yards of the wharf) 36°58'15.26"N, 121°57'11.90"W

**Southern End:**

1. San Carlos Beach 36°36'34.54"N; 121°53'42.40"W
2. Lovers Beach 36°37'30.11"N, 121°54'58.53"W
3. Monterey Municipal Beach (within .25 miles E of wharf) 36°36'4.39"N, 121°53'7.41"W

**Distances are in statute miles**

<b>Start or Finish</b>	<b>Monterey Municipal Beach</b>	<b>San Carlos Beach</b>	<b>Lovers Beach</b>
<b>Cowells/Main Beach</b>	26	25.3	24.0
<b>Seabright/Harbor Beach</b>	25.7	25	23.7
<b>Capitola Beach</b>	25.7	25	24.0

**LANDING:**

If weather prohibits a swimmer from reaching a designated finish location, the swimmer may land (clear of the water) at any point West of:

- Monterey Municipal Beach (North to South swims) 36°36'4.39"N, 121°53'7.41"W
- New Brighton State Beach Bathrooms (South to North swims) 36°58'42.22"N, 121°56'11.11"W

**Locos Swim Log**

Swimmer	Time of Transition	Transition Duration	Water Temp	Air Temp	Wave Height	Wind Speed	Stroke Count	Observations
Andrew	START 1:04:40		55	53	0	0	65	Dave is the first captain. Stephanie in to Paddle. 1:20 Scott sees a fin in the dark. "What was that?" Stephanie says "Shark." Amy says "That was a Sea Lion with a fin up." Scott radios Stephanie "Just a Seal." Off Radio: "I Hope." Some NW Swell. A few big rollers, but glassy.
Amy	2:04	:45	55 and then 52 (Buoy shows 51.3)	53	0	0	67	Boat is having trouble staying pointed in the right direction making it hard for Kayak to see the course. Stephanie (super star) begins to navigate by stars (following the big dipper). Occasional 10 ft NW rollers passing through. Mostly 3-4 ft long period swell with a little 1-2 foot SW just to make things interesting.  Amy gets out and reports some Jelly stings and lots of bioluminescence. She pulls down her suit top to reveal sparkly glowing specs all over her boobs. Is this a swim or a rave?
Kirk	3:04	:30	54	52	0	0	60	Big Orange Half Moon on the Rise. Stars are out, but it's a dark night. Getting a little brighter as the moon rises. Passing lots of Sea Lions.
Les	4:04	:45	51	50	glassy Swell 6- 7ft NW	2 knots NE	50	Les Reports it feeling like sub 50f. Must be some cold pockets of upwelling. The boat engine alarms keep going off. Captain thinks it's a fouled prop. Goes to one engine. Eventually goes away with no clear answer. Less tries to swim under the bow of the boat. He comes out very cold.
John	5:04	:20	51	50	Glassy Swell 8ft NW	2 knots NE	68	Just beginning to get light about 5:20. Stephanie is going strong on the Kayak. Water is starting to get a little lumpy now.

Swimmer	Time of Transition	Transition Duration	Water Temp	Air Temp	Wave Height	Wind Speed	Stroke Count	Observations
Jeff	6:04	:30	52	50	Wind waves 1-2, Swell 6-8ft NW, SW swell crossing	4 knots NE	60	<p>Very Lumpy Now. We can hear, but not see, whales. Wind is out of the NE and mixed swell out of NW and SW creating a big washing machine effect.</p> <p>The Kayak is essential tonight with the boat unable to stay close enough to the swimmer for full safety. Good thing Stephanie is such a stud. Although the boat is not steering straight, he is keeping a relatively good line across the bay.</p> <p>It's a beautiful sunrise.</p>
Andrew (2nd shift)	7:04	2:15	54 (feels like 50)	54	2-3 chop	4	62	<p>Dave leaves in his skiff and Stephan takes over at the helm. Everyone immediately notices the boat guiding a better course and great positioning to the swimmer. Hooray for Stephan!</p> <p>Scott in to Kayak to give Stephanie a rest.</p> <p>Andrew is back in for his 2nd shift. We see whales. Andrew gets a few jelly stings. See a few dolphins too.</p>
Amy (2nd shift)	8:04	:15	54	56	2-3	4N	67	<p>Still pretty lumpy and mixed up. More dolphins and sea nettle stings. More whales.</p> <p>Dodging more fisherman and fishing lines.</p>
Kirk (2nd shift)	9:04	:18	54 Buoy says 51	54	1	2-4NW	60	<p>Starting to Glass off. Wind changed to NW. Getting into lots of fishing boats. Not great to be swimming in baited waters.</p> <p>Kirk finished off his leg with a good stretch of butterfly. (Show Off!)</p> <p>We have a good view of land now and can sight off the hillside and then eventually the Dream Inn (which looks like a small square lego)</p>

Swimmer	Time of Transition	Transition Duration	Water Temp	Air Temp	Wave Height	Wind Speed	Stroke Count	Observations
Les (2nd shift)	10:04	:30	54	58	0-1	0	52/48	More whales. We have seen humpbacks, a grey whale, and now we are seeing what appears to be a Minke Whale. Plus a few small pods of dolphins.  Still no big pods or Orcas though.
John (2nd shift)	11:04	:25	56 (feels more like 52)	59	0-1	10/15	68	Scott out and Stephanie back in to Kayak. John likes to suck boat exhaust.  Wind kicks up strong out of the NW for John's leg.
Jeff (2nd shift)	12:04	:50	56	59	2	15	64	Very windy now. Lots of sail boats coming out now. We can now see the regatta way off in the distance toward land.
Andrew (3rd shift)	1:04	:30	54/55	59/60	3	12-15	73/65	More whales. Sunny and windy. Getting a little calmer as we get closer to shore, but not much. Sail boats are buzzing us.
Amy (home stretch)	2:04	:30	55/56	60/65	3	8-10 then 4-6 knots	67	Andrew, Kirk and John get into join Amy for the final leg. Amy is hard to catch.  Joel Wilson and the CRUZ swimmers come out to greet the Locos at the end of the Wharf.  Amy body surfs her way to a finish on Cowell Beach at 2:46:12.  Amy, Andrew, and Kirk get a ride to the harbor. Stephanie and John return to the boat and ride with the crew back to the harbor to dock and unload.  GREAT SWIM!!!

Swim: Team Locos - Trans-Monterey Bay Relay 6 person

Date: April 30, 2016

Observer 1: ~~Kim Rutherford~~ Observer 2: Scott Tapley  
ROBIE RASMUSSEN - NDC

Boat & Captain(s): DAVE TORD, Silver Prince MV - Monterey  
STEPHAN BITTNER

Planned Course: South to North (Monterey to Santa Cruz) one way Trans-Monterey Bay Swim

Actual Course: SAN CARLOS. TO COWELL.

Final Swim Duration: 13 hours, 41 minutes, 32 seconds

(13:41:32)

Start Time: 1:09:40 AM

Finish Time: 2:46:12 PM - (14:46:12)

COLD WATER

TEMPS REPORTED 52-55 F

BUOYS REPORTED 51 F

SWIMMER HITTING COLDER POCKETS,  
(POSSIBLY UPPER 40'S)

Start/End Locations:

Start: SAN CARLOS BEACH

Finish: COWELL. (IN FRONT OF OREGON INN)

Crew Chief: STEPHAN DUNAU

Crew: STEPHAN

Swimmers and order:

1. Amy Gubser 2
2. John Sims 5
3. Kirk McKinney 3
4. Andrew McLuaghlin 1
5. Les Mangold 4
6. Jeff Everett 6

Notes: Locos training swim for their Red Triangle Project. This will be the first known South to North swim Relay in Monterey Bay.

2001 SERC, (6) Kristine Buckley, Colleen Vojvodich, Gary Emich, Dan Needham, Drew Downs, Laura Colette 12:24:16 Seabright to San Carlos (25)

2015 Kelp Krawlers, (5 person team), 10:20:55, Capitola to Lovers (24)

2008 CRUZ (8 person team) 9:27:00, Seabright to Aquarium (24)

2000-2011 ~~SERC~~ VCSA RELAYS S.C. TO MONTEREY.

LOTS OF BIOLOGICAL  
 ANY GET OUT AND WAS  
 SOME (MAYBE) IN WATER  
 SPOT. STANWAL IS THE  
 DRAW ON DECK PEELS  
 BACK JUST TO REVEAL  
 SPARKY LIVES IN 6  
 LETTER BOOBS.  
 HAAAA!

SPARKS OUT  
 NO MORE

DAVE = 1st CAPTAIN

1120 AM SCOTT SEES A  
 FLIP OR DARK

AMY SAYS "THAT'S A SEA LION  
 WITH A FIN UP."

STEPHANE SAYS "WHALE??"  
 BOAT TURNS STEPH.

"JUST A  
 SEAL!"  
 OFF BOAT  
 W/ WIFE

Swimmer	Time of Transition	Transition Duration	Water Temp	Air Temp	Wave Height	Wind Speed	Stroke Count	Observations
ANDREW	START 1:04 AM		55°	53	0	0	65 (63-63)	SEA LION. OFF TO A SMOOTH START. SAW A FLIP? SEAL (WE THINK) SOME NW SWELL BUT SMALL.
AMY	2:04	:45	55	53	0	0	67	BOAT GOT A BIT OFF COURSE BUT STRAIGHTENED OUT NOW BIGGER ROLLING SWELL - 3-4ft SWELL WNW. OCCASIONALLY 10' HIGHER. BLUISH.
KIM	3:04	:30	54	52	0	0	60	SIB B' MANS → Note second DIB ORANGE 1/2 moon RELIG.
LES	4:04	:45	53? 51°	50	6-7 NW	2 Knots N.E.	50/47	BOAT IS SWAYING BUT BOAT SHOWS A GOOD COURSE FORWARD PROP? BOAT IN TROUBLE STOPPING STRAIGHT
JOAN	5:04	:20	52	50	8' swell	3.7 kts	68	FIRST LIGHT 5:15 to 5:30. Looking Good. Step 4 is a
JEFF	6:04	:30	52 53	50	1-2 swell 6-8	4	60	Getting lumpy. VERY BUMPY BY END OF JEFF'S SWIM. COULD HEAR BUT NOT SEE WHALES.

Thermometer = 52°F  
 56°F  
 "BIB B' MANS"  
 "BIB B' MANS"

LOTS OF  
 BIOLOGICAL  
 SWIM.

SUBSIDY

KAYAK  
 IS ESSENTIAL  
 TONIGHT!

FIRST BOAT CAPTAIN (DAVE)  
 CAN'T KEEP BOAT POSITIONED CLOSE TO  
 SWIMMER OR NAV A STRAIGHT COURSE.  
 OVERALL ON A GOOD LAG BUT CAN'T PARROT A GOOD GHOST  
 SWIMMER AND  
 PARALLEL.

Observer Log - Page 2

WIND OUT OF N.E.  
 SWELL OUT OF S.W.  
 CRISP - CARRY WINDING MACHINE!

DAVE LEAVES IN ZOOBIC.

Swimmer	Time of Transition	Transition Duration	Water Temp	Air Temp	Wave Height	Wind Speed	Stroke Count	Observations
Andrew	7:04	2:15	54	54	2-3 swell	4	69/62	whales, steph out of kayak Scott kayaking Sea Nettle sting
Amy	8:04	2:15	54	56	2-3	4	67	Dolphin, Fish Nets Sea Nettle Sting whales
Kirk	9:04	1:18	54	56	0-1	4	60	Scott Kayak Lots of fishing boats KIRK DOES FLY TO FINISH OFF HIS LEG.
Les	10:04	1:30	54	58	0-1	0	42 52 48	Whale A little bit of butterfly
John	11:04	1:25	56	59	0-1	10/15	68	wind kicked 4
Jeff	12:04	1:50	56	59	2	15	64	wind!

STEPHAN NEW CAMP.

BEAUTIFUL SUNNY!  
LOTS OF WHALES!  
SUNNY  
A FEW POLYANNA'S.

SUNNY

STEPHAN IS GREAT AT  
POSITIONING BOAT. BOAT & SWIMMER  
FINALLY IN SYNC  
Observer Log - Page 3  
COULD RUN PADDLE BUT  
DECIDE TO KEEP IT IN FOR  
DURATION.

BOATMEN WARM SUNNY, BUT WINDY DAY.

Swimmer	Time of Transition	Transition Duration	Water Temp	Air Temp	Wave Height	Wind Speed	Stroke Count	Observations
Andrew	1:04 (3:25 TO 6:0)	:30	54 55	59 60	3	12-15 +	73 65	Whale at the swamp Sunny and windy
Amy	2:04	<del>:30</del> :30	<del>55</del> 55	(A)		8-10 4-6 WIND	67	Andrew & Kirk got in a w Amy to bring it home.
	2:46:12	FINISH						JACK, KIRK, ANDREW SWIM IN W/ AMY JEL & CAPTAIN MEET
								TO HELP THEM HOME.
								JEL WIND SWIMS OUT TO GUIDE AMY TO BEACH, AMY BOOY SURFS HELP WAY TO THE FINISH
								JACK'S RETURN TO BOAT. STEPH OF BOAT, AMY, ANDREW, KIRK GET A RIDE TO HARBOR.

SMALL BOAT  
RECORDED  
DOE 12/16  
SUMMER

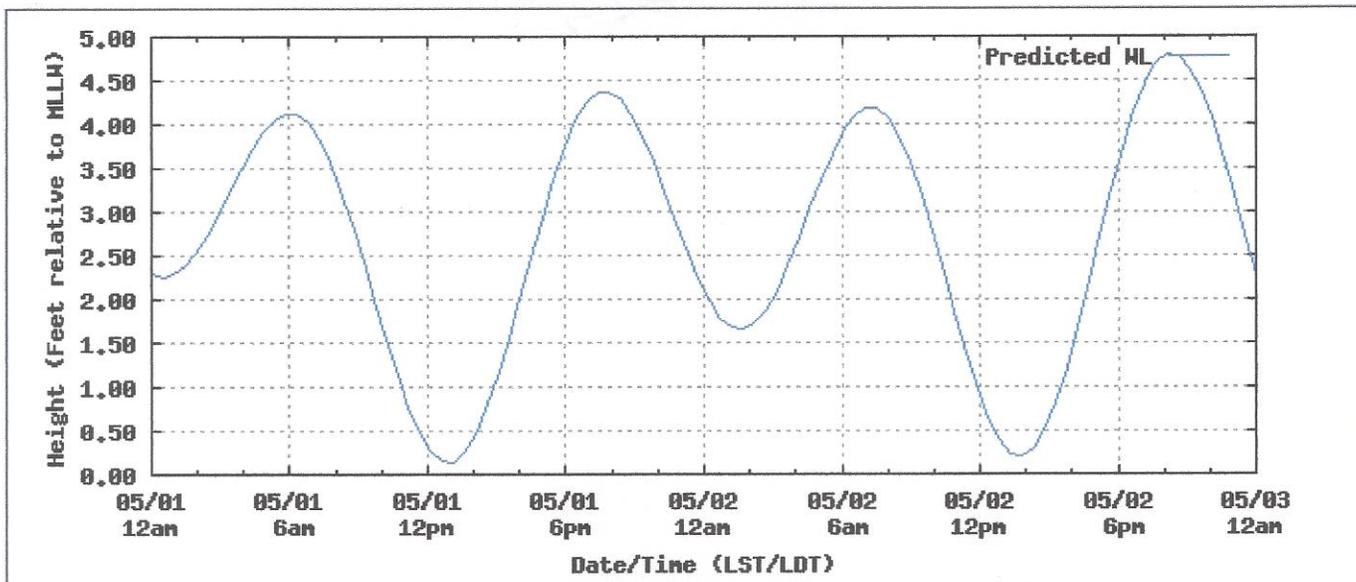


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**NOAA/NOS/CO-OPS  
Daily Tide Prediction for MONTEREY, MONTEREY BAY,CA**

**StationId 9413450  
From: 2016/05/01 - 2016/05/02  
Units: Feet Time Zone: LST/LDT Datum: MLLW**



Disclaimer: These data are based upon the latest information available as of the date of your request, and may differ from the published tide tables.

**High/Low Tide Predictions**

**Station Name: MONTEREY, MONTEREY BAY,CA**    **Source: NOAA/NOS/CO-OPS**  
**Parameter: Daily**    **Prediction Type: Harmonic**  
**Product: Tide Prediction**    **Datum: MLLW**  
**Start Date & Time: 2016/05/01 12:00AM**    **Height Units: Feet**  
**End Date & Time: 2016/05/02 11:59PM**    **Time Zone: LST/LDT**

Date	Day	Time	Hgt	Time	Hgt	Time	Hgt	Time	Hgt
2016/05/01	Sun	12:31 AM	2.25 L	06:01 AM	4.12 H	12:54 PM	0.14 L	07:42 PM	4.38 H
2016/05/02	Mon	01:33 AM	1.65 L	07:14 AM	4.19 H	01:42 PM	0.2 L	08:17 PM	4.8 H

RAW LOG DATA (see CVS and KLM files)

Note: Waypoints are listed in reverse order, counting backwards in time.

5/1/2016 14:48	36.95921	-122.02107
5/1/2016 14:38	36.95857	-122.02124
5/1/2016 14:28	36.95497	-122.01898
5/1/2016 14:18	36.95113	-122.01616
5/1/2016 14:09	36.94747	-122.01553
5/1/2016 13:58	36.94243	-122.0145
5/1/2016 13:48	36.93847	-122.01552
5/1/2016 13:38	36.93445	-122.0157
5/1/2016 13:28	36.92976	-122.01463
5/1/2016 13:18	36.92498	-122.01341
5/1/2016 13:08	36.91989	-122.01109
5/1/2016 13:02	36.91706	-122.00951
5/1/2016 12:49	36.91194	-122.00583
5/1/2016 12:39	36.90808	-122.00269
5/1/2016 12:29	36.90409	-121.9998
5/1/2016 12:19	36.9003	-121.99672
5/1/2016 12:09	36.89629	-121.99373
5/1/2016 12:00	36.89272	-121.99155
5/1/2016 11:49	36.88863	-121.98914
5/1/2016 11:40	36.88525	-121.98744
5/1/2016 11:29	36.88131	-121.98622
5/1/2016 11:20	36.87801	-121.98566
5/1/2016 11:09	36.87354	-121.98421
5/1/2016 11:01	36.8703	-121.98259
5/1/2016 10:50	36.86628	-121.9805
5/1/2016 10:40	36.86223	-121.97812
5/1/2016 10:30	36.85833	-121.97659
5/1/2016 10:20	36.8541	-121.97511
5/1/2016 10:10	36.85003	-121.97375
5/1/2016 10:01	36.84619	-121.9726
5/1/2016 9:52	36.84282	-121.97136
5/1/2016 9:40	36.83829	-121.96996
5/1/2016 9:30	36.83442	-121.96872
5/1/2016 9:20	36.8304	-121.96783
5/1/2016 9:10	36.82634	-121.9669
5/1/2016 9:01	36.82191	-121.96635
5/1/2016 8:51	36.81816	-121.96536
5/1/2016 8:41	36.81401	-121.96388
5/1/2016 8:31	36.81078	-121.96236
5/1/2016 8:21	36.80682	-121.96129
5/1/2016 8:11	36.8027	-121.95975

5/1/2016 8:01	36.79832	-121.95885
5/1/2016 7:53	36.79508	-121.95802
5/1/2016 7:41	36.79006	-121.95682
5/1/2016 7:31	36.78579	-121.95575
5/1/2016 7:22	36.78123	-121.95427
5/1/2016 7:12	36.77642	-121.95281
5/1/2016 7:02	36.77235	-121.95135
5/1/2016 6:53	36.76872	-121.95013
5/1/2016 6:42	36.76397	-121.94844
5/1/2016 6:32	36.75919	-121.94724
5/1/2016 6:22	36.75401	-121.94582
5/1/2016 6:15	36.75016	-121.94446
5/1/2016 6:02	36.7434	-121.94118
5/1/2016 5:53	36.73968	-121.94052
5/1/2016 5:42	36.73462	-121.93883
5/1/2016 5:32	36.72984	-121.93689
5/1/2016 5:23	36.72528	-121.93561
5/1/2016 5:12	36.72029	-121.9341
5/1/2016 5:03	36.71553	-121.93143
5/1/2016 4:54	36.71235	-121.93011
5/1/2016 4:43	36.7079	-121.92902
5/1/2016 4:33	36.70397	-121.92679
5/1/2016 4:23	36.69981	-121.92585
5/1/2016 4:13	36.69535	-121.92426
5/1/2016 4:03	36.69053	-121.92305
5/1/2016 3:53	36.68753	-121.92133
5/1/2016 3:43	36.68315	-121.9197
5/1/2016 3:33	36.67905	-121.91833
5/1/2016 3:23	36.67514	-121.91679
5/1/2016 3:14	36.67085	-121.91545
5/1/2016 3:04	36.66602	-121.91371
5/1/2016 2:55	36.66316	-121.91226
5/1/2016 2:44	36.65776	-121.9108
5/1/2016 2:34	36.65288	-121.90863
5/1/2016 2:24	36.64818	-121.90706
5/1/2016 2:14	36.64306	-121.9059
5/1/2016 2:04	36.63853	-121.90414
5/1/2016 1:55	36.63472	-121.90335
5/1/2016 1:44	36.62954	-121.90051
5/1/2016 1:35	36.62458	-121.8981
5/1/2016 1:25	36.61936	-121.89578
5/1/2016 1:15	36.6143	-121.89321
5/1/2016 1:05	36.61014	-121.89287
5/1/2016 0:56	36.61022	-121.89241