



Surface Interval

the Explorers Dive Club of NJ

Great White Shark Tracked off Cape May, New Jersey

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**Time to
Get that
Gear
Serviced**

It seems that Maryland and Virginia aren't enough of a draw for a certain Great White Shark named Mary Lee. The shark—whose travels have gone viral on the internet, was pinged off the southern tip of New Jersey at 8:15 a.m. today.

Scientists first tagged Mary Lee off Cape Cod, Massachusetts, in September 2012. The 16-foot-long (4.9-meter) animal was one of five great white sharks fitted with a satellite tag by researchers to track the predators' movements. All five sharks got names, and Mary Lee was named for the mother of one of the researchers.

One of Mary Lee's compatriots—Lydia—made history last year when she was the first great white observed to have crossed the Atlantic Ocean. It's likely that other great whites are swimming across the At-



lantic too, Greg Skomal, a senior fisheries scientist at Massachusetts Marine Fisheries, said at the time. Lydia just happened to be the first that people were able to track. Mary Lee is no slouch either. "Lydia is broader

scale in terms of movement north and east," Skomal said, "but Mary Lee's been all over the map as well." The predator has traveled a total of 19,474 miles (31,340 kilometers) since she was tagged more than

two and a half years ago.

The shark's satellite tag is bolted to her dorsal fin and should last about four or five years. It's a real-time tracking device that sends location data to satellites every time the tag breaks the ocean's surface. The satellites send the data to researchers who can then track the animals.

Mary Lee has surfaced at least five times today while just south of Cape May, New Jersey. Her track from May 3 to May 5 is a jum-

President's Corner:

Thanks to Michael Salvarezza & Christopher Weaver of Eco-Photo Explorers for the April presentation on Queen Anne's Revenge. Their amazing tale of infamy & Black Beard's life on the high seas was both entertaining & educational.

Looking forward to seeing everyone at the May meeting and pre-meeting dinner.

-Karen Taylor
explorersdiveclub@gmail.com

Indonesia 2017

Interested in diving Indonesia? We're looking at Raja Ampat and Lembah Strait which are reportedly the best dive locations in Indonesia. Raja Ampat (liveaboard diving) is located on the western part of Papua Island. Lembah Strait (land-based muck diving) lies near Manado, Sulawesi. The date for this trip is not set yet, but best time to dive Indonesia is said to be May – September. No obligation at this time. This is just to see if there is any interest. Please contact Karen at explorersdiveclub@gmail.com.



FULL DEMOTOIR EVENT

Join DAN along the [DUI DEMOTOIR at Dutch Springs](#) in Bethlehem, Pennsylvania. Come enjoy an entire weekend dedicated to drysuit diving May 16-17. Whether you simply want to try a drysuit for the first time or don one of the latest styles offered by DUI, this is the perfect opportunity to take one for a dive.

Dues are Donations . . .

As a nonprofit group we rely completely on donations in the form of dues to cover our operating expenses.

The Explorers Dive Club would like to extend our sincerest gratitude for your donations over the years. Regardless of whether or not you are able to give financially at this time, we welcome you to join us for dinner, attend a meeting or an event any time you are available.

Dues are \$25 for individual and \$30 per family per year (July – June). Please see Lisa Vesuvio at a meeting or mail your check payable to "Explorers Dive Club" to:

Explorers Dive Club
c/o Lisa Vesuvio
477 Vicki Drive
Bridgewater, NJ 08807

**Get out your 2015 calendars,
date books, smart phones,
underwater slates etc.,**

May 12, 2015 - Meeting 7:30 pm @ The Spain Inn

June 9, 2015 - Meeting 7:30 pm @ The Spain Inn

June 20, 2015—20th Anniversary Beach Picnic

Seven Presidents Oceanfront Park, Long Branch NJ

July 14, 2015 - Meeting 7:30 pm @ The Spain Inn

August 11, 2015 - Meeting 7:30 pm @ The Spain Inn

September 8, 2015- Meeting 7:30 pm @ The Spain Inn

October 13, 2015 - Meeting 7:30 pm @ The Spain Inn



973.949.4599

Gypsyblood Dive

A "Full-Service" Dive Charter Operation



2015 BOAT DIVE SCHEDULE

Saturday, July 11, 2015 - Stolt

Saturday, August 1, 2015 - Algol

Saturday, August 29, 2015 - Gulf Trade

Saturday, September 26, 2015 - Maurice Tracey

Destinations Subject to Change Due To Conditions!

All are aboard the Gypsy Blood, now docked at Southside Marina,
311 Channel Drive, Point Pleasant, NJ

Board and loaded by 6:30AM for 7AM departure.

To reserve a spot, contact Keith Bellamy at
keithbellami@optonline.net



Socorro Trip

We're headed to Socorro January 15 - 23, 2016, the beginning of humpback whale season, on a 9-day Solmar V live aboard departing from Cabo San Lucas, Mexico. Socorro is the largest of four volcanic islands in the Pacific Ocean, the Revillagigedo Archipelago. Its abundant marine life attracts sharks and other pelagics. While Socorro is known for Giant Pacific mantas, we will be on the lookout for humpback whales, dolphins, whale sharks, Galapagos sharks, silky sharks, silvertips, and scalloped hammerhead sharks.

Live aboard cost with taxes: \$4059 per person for Standard cabin and \$4175 per person for Superior cabin. For 6 or more divers, the 10% group discount pricing would be: \$3653 per person for Standard cabin and \$3758 per person for Superior cabin. For 11 or more divers, there is a free spot discount that we will share.

Price includes double occupancy accommodations on live aboard, meals, snacks, beverages including soft drinks, beer and wine with dinner. Not Included: Airfare, airport transfers, hotel, gratuities, \$15 chamber fee, Nitrox.

Contact Karen Taylor at: explorersdiveclub@gmail.com for further information or visit – www.SolmarV.com

Great White Shark off Cape May NJ

Continued from front page

ble of zigzags just offshore of the Virginia-Maryland border. It's anyone's guess where she'll pop up next.

It's not unusual to see great white sharks close to shore, said George Burgess, director of the Florida program for shark research at the Florida Museum of Natural History. In fact, great whites "spend more of their time near shore because that's where they do most of their feeding," he explained.

Seals and sea lions are the preferred food for adult great whites, Burgess said, and those mammals need to haul themselves onto shore periodically to rest and warm up. So that's where the sharks go looking for them.

The shark biologist can't say for sure what Mary Lee was doing when she was nosing around Maryland and Virginia. But Burgess added that great



whites on the U.S. East Coast do show some seasonality to their movements.

"The sharks are snowbirds, and they come down to northeast Florida in the wintertime," he said. "We think the timing is probably tied to the arrival of right whales off of Florida," as

the whales gather in this area to give birth.

"No doubt the white sharks are following those groups looking for the old and the young and the

stragglers, and will take advantage of any that don't make it," Burgess said.

Marine mammals of all ages may need to keep

an eye out for more of these top predators. Recent research has shown that great whites are on the rebound off both the east and west coasts of the United States, thanks to federal and state protections put into place in the 1990s.

Explorers Dive Club 20th Anniversary

Beach Party and BBQ

Join us for our annual summer picnic as the club celebrates it's 20th season of diving together. The party and BBQ will be held in the North Picnic Tent at [Seven Presidents Oceanfront Park](#) in Long Branch, NJ on June 20th, 2015. Friends and family members are welcome to attend.



Visit us on the Web!
www.explorersdiveclub.org



Like us on Facebook!
Explorers Dive Club NJ



Meet us on Meetup
www.meetup.com/ExplorersDiveClub

Next Club Meeting
Tuesday, May 12, 2015

May's Presentation



Andrew Lynch Sea Shepherd Conservation Society

Andrew Lynch has been a volunteer with Sea Shepherd Conservation Society since 2012. He has lived near the ocean his entire life and after seeing the repercussions and damage caused by the Deepwater Horizon explosion, began to look how he could make a difference in the oceans. He is a core member of the Sea Shepherd's New York Chapter.