

DIVER DOWN NEWS Volume 33, Issue 7

June 2022

Message from the President-June 2022

The Dive Club is gaining new members every week. We have many scheduled dives to join. The spirit of the Club is to encourage our experienced members to buddy up with and guide our new members with less experience. This can be a rewarding endeavor. Once you have been to a site many times it can become uneventful. When you buddy up with a diver that has not been there before, you will see the site thru their eyes and enjoy that beginning magic again. Please keep this mission in mind when you come to a planned dive and help the Club continue to spread the love of diving our local waters.

July is a busy month for us with beach dives and wreck dives planned. Keep an eye on the group emails for scheduled dives. The schedules are listed in the Newsletter and dives are announced each week. Changes to locations and dates are sometimes necessary due to conditions. Watch for the notifications and keep in touch with your buddies to make sure you know where we will be. Everyone should be getting the Google Group emails. If you are not, reach out to the leadership and you will be added to the list. Always check your junk folder, unfortunately lots of messages end up there and you must adjust your settings to correct that.

We are branching out to dive new places. 5 divers traveled to Round Valley on June 25 and we will be traveling to Lake Minnewaska on July 9th to try the diving there. Try to join the club for a new adventure if you are available.

Congratulations to our members who were on TV with Josh Gates for the series Expedition Unknown; Barry Lipsky, Gus Bricker, John Bricker and Billy Gambril.

The show was very interesting and you all looked professional. I'm sorry you didn't find the treasure but it looked like a fun

Mary Davis President

time searching for it.

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THE MONTHLY MEETING



The Dive Club currently holds monthly meetings on the first Tuesday of each month at Lule's Lobster Inne (formerly the Jon Thomas Inne).

91 Howells Road Brightwaters, N.Y 11718 (631) 647-3991

Support our hosting establishment and wait staff. Arrive for dinner as early as 6pm. Meetings commence at 8pm.

July 2022 is Artifact Night:

Bring your cool diving finds and the stories behind them and how you acquired them.

Speakers wanted! Please consider presenting on a dive adventure or other diving-related topic at a future meeting.



MEMBERSHIP NOTICE

- If you have not renewed your membership, please do so asap including filling out the updated club waiver. Form/waiver available here: thediveclub.com/ membership-signup-form/
- Individual memberships for 2022 are \$25. Family memberships are \$35
- T-shirts are available for purchase for a charge of \$10.
- Membership payments should be given to Gus Bricker, who can be reached at treasurer@thediveclub.com.
- Membership applications and renewals should be given to Kyle Patac (correspondingsecretary@thediveclub.com).



MEETING MINUTES

June 7, 2022 Recorded by Randi Hochenberger

MEETING START-UP BUSINESS/ANNOUNCEMENTS

- △ Meeting called to order at 7:58pm
- Minutes from May meeting approved and last call for 50/50
- New members filled out some applications at the meeting
 - Mariana [Albanese], Lynn's niece
 - Maris, seasoned diver, first time making it to meeting
 - Carlos, Maria, Justin, Andy have been divers for a while. Invited by Jim Vafeas
 - Suest: Dr. Peter Judge, invited by Barry Lipsky
- □ T-shirts available for \$10

BEACH REPORT

- About one dive per week with 10-14 divers per dive
- ₩ Water is warming up (60-63 degrees) to become more wetsuit friendly
- Dive this Saturday at Secret Beach need LIDA waiver for the season
 - Can fill out at meeting or online
 - Also called Clark's Beach, requires an inshore Divermaster or higher and combo to gate to go
- Need to locate this dive site or any other? Buy Danny's book
- Beach schedule is in the newsletter make sure your emails are going through contact Bill with issues also can check Facebook, but use the Google Group for a way to get in touch with anyone in club in real-time (say, if you need a dive buddy) be courteous with "reply all"

WRECK REPORT

- Sidekick went out on May 21st lots of seasickness
- May 28th got cancelled due to storm, will be rescheduled
- Newsletter has schedule with info can talk to Mary at meeting otherwise email Danny
- ⇒ June 18th and July 2nd Sidekick, offshore
- Seahawk overnight talk to Dennis or Danny
- ⇒ July 16th Seahawk

ROUND VALLEY

- Saturday, June 25 can carpool
- New Jersey off of 78, it is a reservoir corruption kept it from being destination
- 30 minutes before Dutch
- ⇒ 100ft+ dive with thermocline
- We will be in scuba dive area no. 1 has a vegetation, fish, fake diorama of town, platform
- \$10 per car to get in

LAKE MINNEWASKA ON JULY 9

- Dry suit or 7mm cold, but clear, fresh water
- Not as steep as Dutch
- Wall, outcropping, fish in shallow, salamander, tree trunks
- No boats allowed
- You can hike, too Sand point preserve, picnic tables, ice caves
- \$20 for year, cert card a collateral
- Dpen year round
- ⇒ 1600 ft altitude dive (no real time added)
- 2+ hours away
- Requires buddy who you must sign in with

SHOREHAM

Nice dive, 14 people, jetty good dive, there is a boat ramp by parking lot, can ride river back in - dive low tide about 14 people

OAK BEACH

on for tomorrow, but watch weather and use common sense - bring buddy, flag, and light (esp if raining and group not there)



MEETING MINUTES

(CONTINUED)

CAMPING

- nice Memorial Day Weekend good campsite with diving area close family friendly, spacious
- Martin is helping with the camping arrangements for Death by Diving

DEATH-BY-DIVING

- Megan designed D-b-D t-shirts that will be available next month and as a prize for participants
- Schedule is out, but can change notify people if you are coming out
- Martin is working on Ponquogue Bridge permits for us 10-15 passes
- > You can do only one dive or all eight or anything in between. Surface-only support welcome.
- ≈ 7-8 dives means lobster dinner on the Club

AQUAWOMAN DIVE

- Linda Gotti 15 years of handling this dive, started officially in 1981
- ⇒ Hard to get boats out, so this year it is happening at Secret Beach
- Any past Aquawoman divers encouraged to wear shirts
- All welcome for the dive, Linda will get there by 9/9:30
- will cover BBQ basics, but all encouraged to bring own stuff as well—TDC will supplement
- At least 15 ladies confirmed, open for families
- No one park at the bottom please, leave for people, BBQs, and canopies
- want to spend the day? Just be out around 6pm so it can be locked up.
- Beach clean-up and underwater clean-up is a part of this
- Ticks abound bring tick spray
- Rayaks welcome
- ⇔ High Tide is around 1pm, but not too tide dependent of a dive
- Even if you do multiple dives, credit is only for one

TRIPS

- Rhode Island the 17-19 of June at Fort Getty at the RV park got site 20, which is near the front entrance
 - About 3.5 hours away. Some sites are still open. Ask Joe for information if interested
 - Can get affordable hotels, too
 - Old military stuff, not too tide dependent
- North Carolina is week after Rhode Island (go down on Sunday, dive Monday-Friday and come back on Saturday)
 - Does not know if there is still room on the boat
 - If interested in going, talk to Bob, Larry, or Grace
 - Clear, almost Caribbean water, sand tiger sharks, great wrecks
 - Can stay at the bunkhouse or use hotel
- Catalina Island: trip in October to Catalina Island and it is all booked if anyone want so jump in
- Truk Lagoon TDC was supposed to go April 2020, but it is still closed and there were so many bookings we are now booked for July 2024 and there are spots available
 - \$3,700 for the boat with about \$2,000 airfare have to go through Guam and can travel via Hawaii or Japan (Japan route seemed best for travel, but Hawaii for sight-seeing
 - Possible stop off in Hawaii first, Plan 2 plus weeks

LIDA

- Barry reiterated that Aquawoman is prestigious and recommends. He will get a porta-potty.
- Does not know if Bridge is open this weekend but construction should be done soon
- save the Date: January 28, 2023 LIDA Film Festival live at Hofstra (in person again!)
- Barry became president 10 years ago and has helped LI divers. Jim Vafeas is the new VP.
- Congratulated Martin at helping with getting so many important LIDA sponsored projects done like the Colloden stairs

PRESENTATION ON SAC RATES BY BARRY LIPSKY UNTIL 9:40 - see next page for summary and info

Meeting adjourned at 9:45



CALCULATING SAC RATES

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SUMMARY NOTES OF PRESENTATION BY BARRY LIPSKY

- SAC=amount of air you are breathing at depth in psi in one minute
 - Turning depth and psi into cubic feet and turn into breathing rates
- >>> With tech diving you would have different SAC rates at different depths
- Since these are averages, keep on recording it and add more data to that average
- Fill in the formulas and you will always know how your breathing under different conditions
- As you go deeper the pressure and density increases and volume subsequently decreases (Boyle's Law), but the regulator must still give you air at ambient pressure - so the deeper you go, the more air you will end up breathing
- Important to know if you and your buddy have very different SAC rates if you use a lot of air and you have an issue and your buddy does not, your buddy may not have enough air left for you
- DIVE YOUR PLAN and plan your dive, have enough air to come up and out
- Takes much more air in surfacing because of the need to off-gas, ascend slowly, do safety stop
- A working body uses more air than a resting body so a more vigorous dive, like having to swim in a current will affect these numbers. Diving in cold will also have an effect. Your average is just an average - it will change depending on conditions.
- Every atmosphere is 33ft, but you have to add the 1 ATM for the surface as well
- Tanks size changes this as well as salt water vs fresh water and shallow depth versus deep depth
- SAC rate is unique to the individual cannot gauge another person or your buddy by your SAC rate
- Tanks are sized in cubic feet and have stamp of their working pressure (that is psi when filled to capacity) - you can use this information to help determine your SAC rate depending on tank size (in this case, the cubic feet per psi, or the "tank factor") and can then determine the tank needed for a particular dive — simply divide the tank capacity by its working pressure to derive the tank factor
- >> You have to record different SAC rates for different size tanks
- Double available cubic feet if you are diving doubles
- A larger tank means breathing down less psi, but should still give you the same breathing rate per minute in cubic feet because how much you breath (in volume, not pressure) changes with your effort, not your tank size. This rate (in cu ft/min) is the specific tank factor multiplied by your SAC.

FORMULAS, DEFINITIONS, AND EQUATIONS
SAC RATE = SURFACE AIR CONSUMPTION RATE (usually measured in psi or cubic feet per minute)
DAC RATE = DEPTH AIR CONSUMPTION RATE / AMOUNT OF AIR CONSUMED AT DEPTH
<u>PSI</u> = POUND PER SQUARE INCH (MEASURES PRESSURE/FORCE, NOT VOLUME/SIZE)
<u>ATM/ATA</u> = ATMOSPHERE/ATMOSPHERES ABSOLUTE (the latter of these includes the 1 ATM of surface pressure that is added to the ATMs of your depth (e.g. 99ft of salt water = 3ATM, but 4ATA)
Data you need to calculate rates:

Data you need to	carcarate rates.		
start PSI,	end PSI,	total PSI used	_, (also tank volume in cubic feet)
start time	, end time	, total time,	dive depth

Total PSI / Total Time = DAC | (Depth / 33ft) + 1 Surface ATM = ATA | DAC / ATA = SAC

PSI PER MINUTE	то Сивіс Р	FOOT PER MINUTE	CONVERSION:
ft ³ /	nsi -	nsi/ft ³	

 $psi = .___psi/tt$ (SAC in _____ psi/min) $X (.____ psi/ft^3) = SAC in ___$ ft^3 /min SAC) X (____ATA) = DAC in ____ ft^3 /min Math not your thing? There are a number of good calculators for this online. Check out: diversociety.com/surface-airconsumption-rate-calculator/ OR

divebuddy.com/calculator/ sac.aspx



THE DIVE CLUB VISITS ROUND VALLEY

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BY MARY DAVIS. TDC PRESIDENT

On Saturday June 25, 2022 The Dive Club ventured to Round Valley Reservoir in Lebanon, NJ. The weather was sunny and warm. We signed in at the office and showed our certification cards to obtain permission to dive. We then drove to the Scuba Area #1. The parking lot was at the top of a long slope to the cool water. The path down was rocky and sloped. It was not easy getting our gear down to the small rocky beach where we set up our site. The awnings were key to keeping us out of the 90-degree sun.

There were 5 divers and 3 surface support members in our group. We buddied up and hit the water. The water was cool at 70 degrees on the surface and 63 degrees at 30 ft. The cool water felt good after the hot sun. Close to shore there was plant growth with many fish. Once we passed 15 ft there was little to see. There was a muddy bottom with an occasional branch or tree stump. This was a good opportunity to practice navigation skills.

There was a nice selection of food and drinks for everyone to share and a grill made it thanks to Nick. After a nice relaxing surface interval, we went in for a second dive to see the mini town diorama that Nick found on the second dive. It took a little effort but we finally found it.

After 2 nice dives it was time to carry all our gear back up the hill. I'm happy to say we all survived the many trips moving the gear. It was nice to visit a new location but this is a high adventure trip due to the long hill to the water, not for the diver looking for an easy dive.

For our next adventure off Long Island, we will be traveling to Lake Minnewaska on July 9th and I am told it is a short walk to the water.















THE AQUAWOMAN DIVE JULY 16. 2022 AT SECRET BEACH

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Well Ladies, we are going to have an Aquawoman Dive this year at last! A no mess, no fuss kind of day - just <u>DIVE</u> and <u>BE SAFE</u>, and **HAVE FUN!** Bring families if you wish. By the way, if you have an Aquawoman Shirt - Any year - the older the better, please wear it or bring it with you. We are not providing shirts this year. Remember - this is a no fuss, or at least a minimal fuss kind of day. This is the day! There is no rain date!

NOTES: You must sign the waiver to dive. It is available on the LIDA website: www.lidaonline.com

WHEN: July 16, 2022

WHERE: Clark's Beach in Greenport - AKA "SECRET BEACH." The gates will open at 10:30 a.m. Click the links (text in blue) for Details and Directions

Everyone must be out before 6:00p.m. The gates will be closed and locked after that. EVERYONE MUST BE OFF THE PREMISES BEFORE 6:00 P.M!!!

FOOD: You will be responsible for your own food so bring your own picnic lunch and something to drink. "The Dive Club" will be kind enough to bring a grill. If you wish to grill something it will be available for your use. You are responsible to clean up after yourself.

DIVING: Diving will be available all day. Make as many dives as you want!

- § You must LOG IN and LOG OUT OF THE WATER with the Dive Person Attending the Log Book.
- § You must have a DIVE FLAG when you are in the water.
- Don't forget to sign and bring your waiver.

EXTRAS: Amenities - There will be a portable bathroom available for our use courtesy of LIDA.

Beach Clean Up: Please bring gloves, and a bag and maybe a pick up stick if you wish, and help clean up the beach both above and under the water. We would like to contribute our efforts to leave the place cleaner then when we found it.

PADI Women's Dive Day: We have coordinated this day with the PADI Woman's Dive Day and will let them know the count of ladies who participate.

Please join LIDA and show support for what they do keep Long Island Divers in the water and secure beach access for us.

FOR MORE INFORMATION, CONTACT LINDA GOTTI AT

E-mail: pinkandh2o@yahoo.com

Cell: 631 680-8168

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2022 LEADERBOARDS

	orthug (mb or b	ONE CON		
Mary Davis13	Nick Sinnott3	Chuck Ertle 1		
John Berntsen7	Ryan Smith3	Jack Frost 1		
Mike Feldbaum7	Les Charles3	Jeanine Furco 1		
Victoria Ingoglia 6	Matt Gruber2	Ryan Feldbaum 1		
Jim Lisle6	Doug King2	Jeremy Gruber 1		
Joe Feldbaum6	Chelsea Miller2	Denis Mellett 1		
Courtney Lyons6	Vadim Paley2	Ron Prybella 1		
Roy Bacchi5	Kevin Ryan2	Danny Rivera 1		
Rick Baresich5	Tom Spier2	Alicia Sirois 1		
Tim McMahon5	Megan Barrow1	Andrew Solomon 1		
Jenny Ross4	Eric Cregeen1	Larry Zeidler 1		
Andrey Krasnov 3	Dawn Dawson1			
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ORV DERGH (RG OF THUR DO)				

Courtney Lyons 5	Kevin Ryan3	Harris Moore
Mary Davis 4	John Berntsen2	Ron Prybella
Mike Feldbaum 4	Chuck Ertle2	Jack Frost
Tim McMahon4	Randi Hochenberger . 2	Norma Leon
Joe Feldbaum 4	Andrey Krasnov2	Ryan Feldbaum
John Hochenberger 4	Joe Lemaire2	Eric Yousha
Louis Buda 3	Vadim Paley 2	Noah Yousha
Eric Cregeen3	Roy Bacchi1	Jim Lisle
Victoria Ingoglia 3	Ozan Ersoz1	Alex Stemger
Chelsea Miller 3	Nick Sinnott 1	

Circle Circle

WRECK DIVING:

Roy Bacchi...... 2 Grace Mattel...... 1 Danny Rivera 2 Larry Ziedler 1





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BEACH DIVING

(All dives are subject to change due to weather)

- ** Saturday, July 9: Lake Minnewaska Day Trip Meeting there at 9:00AM
- ** Saturday, July 16: Secret Beach at 10:00AM—Dive with the Aquawoman
- **★ Saturday, July 23: Noyack Bay Meeting at 10:00AM**

Special Edition Aquawoman T-shirts available for the July 16th dive. \$15 EACH.

Contact Courtney Lyons if interested in purchasing.

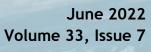


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<u>DEATH BY DIVING WEEKEND-JULY 29-31, 2022:</u>

- * Camping at Indian Island Site 4*
- *July 29: Meet at camp ground to sign in and set up camp. Opens at 3PM
- **★July 29: Old Ponquogue Bridge Meeting at 8:30PM, HT 9:42PM**
- *July 30: Old Ponquogue Bridge Meeting at 8:30AM, HT 10:15AM
- *July 30: Noyack Bay Meeting at 1:00PM
- **★**July 30: Fort Pond Bay Meeting at 4:00PM
- ★July 30: Old Ponquogue Bridge Meeting at 8:30PM, HT 10:18PM
- *July 31: USS Ohio, Greenport, NY Meeting at 9:00AM
- **★July 31: Secret Beach Meeting at 11:00AM 2 DIVES and BBQ**

*Bring your scuba gear - some of the dives will be counted to the leader board but must generate from the campsite. Please sign up early to reserve your spot.





WRECK DIVING INFORMATION

The following equipment is <u>required</u> for all wreck dives with The Dive Club:

- Secondary Air Source: doubles or pony bottle
- Wreck reel
- Lift bag OR Surface Marker Buoy
- Cutting tool
- Whistle or other sound device
- Strobe

Divers should be comfortable with the use of this gear.

To book a spot on the Sidekick Dive Boat, each diver must have certification for the planned depth of the wreck. **Deep Diving certification** is required for wrecks over 100ft.

To book a spot on the Sea Hawk or Sea Turtle, AOW certification is required. Wreck dives can be booked by contacting Danny Rivera at sidekickdiveboat@gmail.com.

SCHEDULE

July 9-10 - Sea Turtle overnight trip

July 16th - Seahawk - Site TBA, preferably offshore

More charters TBA. Check with Wreck Chair for Available Spots.

NEWS from our Google Group: Travel & Dive Opportunities to NC

Olympus in Morehead City, NC July 19/20 through July 25 from Hampton Bays, NY to dive Mike Gerken's wrecks & sharks.
Carpool with Alicia

Limited availability at Instigator Fishing and Diving with multiple Air BnB sites for guests within walking distance of the boats.

Cindy N Garb ~ Instigator Fishing and Diving ~ 910-382-7815

Circle Circle

JULY BIRTHDAY WISHES



Anthony Angiulo
Daniel Borrero
Daniel Borrero
Grace Mattel
James Mellett
William Rohr
Mylene Sabino
Patrick Drennan

Vincent Lange
Michael Mack
Grace Mattel
Philip Mazzells
Bill Pfeiffer
Nick Post
Vincent Radziul
Alexander Sneddon



Be featured in a future newsletter and help our dive community to become more familiar. Send the following information about yourself to editor@thediveclub.com

Name:

The nickname divers know you by:

Years diving:

Certification level:

Additional skills and certifications you have earned along the way:

How many dives do you have under your belt?

What is your favorite type of diving?

Have you traveled to far-off destinations?

Where was your favorite dive destination?

What was your best dive experience?

What was your worst dive experience?

What was your scariest dive experience?

Have you had any funny experiences while diving?

Have you had any close encounters with aquatic life while diving?

What (besides your love of diving) can you share with the divers that will be reading your profile?

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GOT NEWS OR STORIES?

Just because it is the height of winter, doesn't mean our diving is dormant. This is an excellent time to brush up on skills, service equipment, take classes, and make diving plans.

To keep the momentum going, let's share highlights of our adventures in diving. Consider writing an article for the newsletter (pictures also welcome!). If not a personal story or experience, diver-related news or educational articles are also welcome. All submissions are appreciated and will be credited accordingly. Send to editor@thediveclub.com.

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BOARD OF DIRECTORS Volume 33, Issue 7



President:

Mary Davis

president@thediveclub.com

Vice President: John Berntsen

Vicepresident@thediveclub.com



Treasurer:
Gus Bricker
treasurer@thediveclub.com



Corresponding Secretary:

Kyle Patac

correspondingsec@thediveclub.com



Recording Secretary: Jennifer Grosso



Newsletter Editor: Randi Hochenberger editor@thediveclub.com

COMMITTEE CHAIRS

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Wreck Diving:
Danny Rivera/Frank Cara
wreckdiving@thediveclub.com



Beach Diving:
Ken Murphy/Tim McMahon
beachdiving@thediveclub.com



Oak Beach-Tee Shirts: Courtney Lyons courtneylyons20@gmail.com



Camping Trips:
Bruce Russo
camping@thediveclub.com



Website Management:
Jim Vafeas
webmaster@thediveclub.com



Social Media Chairperson: Jerry Kinkade