

The Scuba Scoop

VOLUME 51, Issue 7

July 2009

50 yrs & counting

The Official Newsletter of the
Saginaw Underwater Explorers

-Serving the Tri-Cities since 1958!

<http://www.saginawunderwaterexplorers.org>

Club Meetings- Held at 7:30pm on the second Tuesday of each month, at the Thomas Twp. Fire Station on the corner of Dice and Thomas.

This Meeting- 14th



Inside....

AI Tank Testing

Cadillac Search

Club Dive; Krystal

also selected short subjects

(English Language Version)



June meeting; attentive due to guest speaker

Beautiful Cadillac City Park



Perfect day at Krystal Lake

Remember Our Troops!

Definitive Answers to Tank Testing



Scott beginning his talk on tank inspections

Various discussions have gone on in SUE meetings for a long time on tank inspections, and the more confusing eddy current testing on aluminum tanks. Members at the June meeting finally got the facts from guest speaker Scott Redburn from Gale Fire Protection Services. Gale FPS handles all types of compressed gas cylinders, including SCUBA; it is the popular choice for SUE members.

Scott began with some of the laws pertaining to tank inspections; VIPs and hydros. He explained the technique of stamping a tank after hydro; which in itself can cause stress. The federal DOT mandates a hydrodynamic test every five years. A hydro test involves filling the tank with room temperature water at high pressure (for example, 80s are filled to 5000psi). The expansion of the tank is indicated by a water bath, and it must be within 10%. Scott performs a VIP with every hydro, but dive shops desire a VIP yearly. Unless really mistreated, steel tanks have a long life.

The problem is with aluminum tanks which are popular due to their light weight. Specifically, Al tanks made with a 6351 alloy have developed cracks around the neck. There has been a 20% failure rate on 6351 type tanks. Tanks fitting this category were made by Luxford and US Diver from 1988-1990. However, all Al tanks are 'visual eddy' or 'eddy current' tested for these microscopic cracks now. Requiring special instrumentation, testing is done with each hydro and is good for 5 yrs. A device that generates the eddy current is placed in the neck of the tank, rotated around, and data is collected by a computer. Basic equipment cost is about \$3500, with another \$350 for probes to fit various tank sizes.



Visual Eddy test set up on O2 tank



Scott visually inspecting tank



Tony P observing readout

Gilboa Attempt to Break the Record!

Gilboa is attempting to break the world record for the greatest number of divers submerged at one time on July 18, 2009. I have heard the current record is 987 divers and they hope to get 1000+. Interested? (-Mike Fabish)
<http://www.divegilboa.com/events/icalrepeat.detail/2009/07/18/22/45/NDBmNDcwOTdhNTdiZTI5NzRkYzE3YTk2NmI4NjYwNzg=.html>

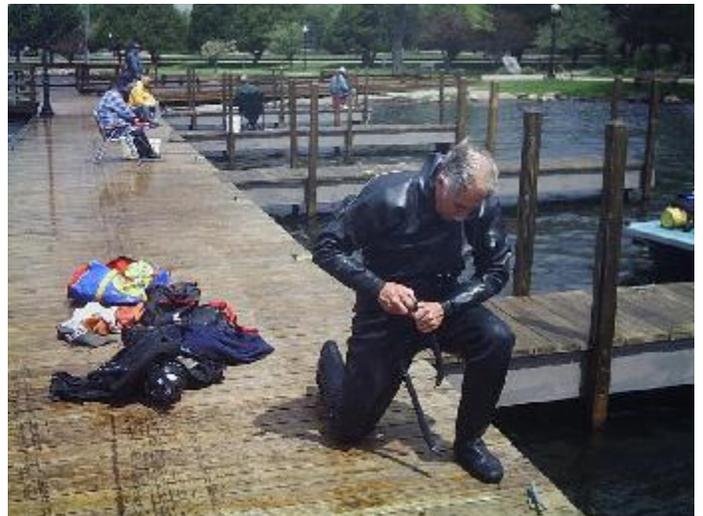
Expedition to Cadillac; Ice Shanty Search

Scott Thompson, Dave Sommers, and UrEd accepted a challenge last month to search for an ice shanty that had gone through the ice in Lake Cadillac. The shanty had been part of a contest by the local Lion's club, but they had lost track of it and needed some help recovering it.

Quick story? Nice day to start; caught on lake in severe rain, hail, lightning storm; never found shanty... Nice trip though!



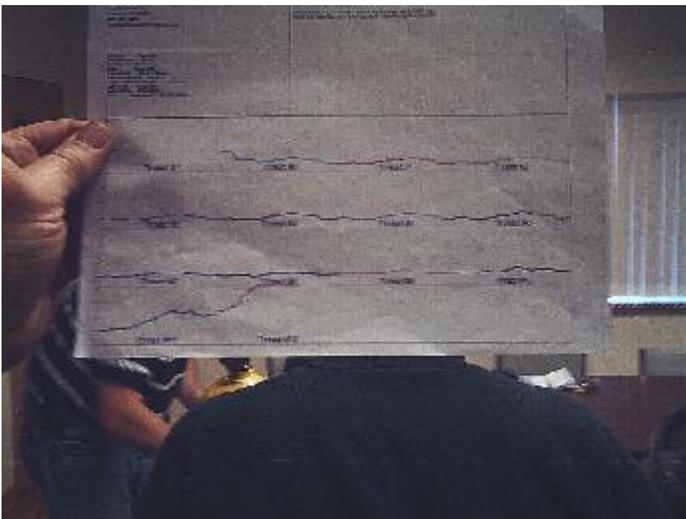
“It’s right down there...”



Dave S. preparing ankle weights



Readout as displayed on computer



Hard copy of readout



Final questions? Comments?

Good informative talk, Scott! Thanks for your time!
(Scott is also a diver, and subscribes to the SCOOP!)

Club Dive (June) to Krystal Lake

The first Krystal Lake dive of the year was well-represented by Scott Thompson and UrEd... only! To start, UrEd lost an O-ring; if Scott hadn't been there it might've turned into a bad trip. But for all of you who pondered and decided to not go, let me say it was one of the best Krystal lake dives I've been on! (Honest) Nice bright day, the vis was great! We dove the hopper first, and it was so clear you could see the bottom! The rope is still connected to the boat, and the boat still has a buoy underwater. After a little hopper exploration, we casually followed the bank southward. Lot's of fish to see! Really relaxing dive; we stayed in till just before dusk. Remember the clear, warm waters of Krystal while you're in the cold, dark waters of Otter this month...



Dave, Scott about to go in off pontoon boat



Scott snorkeling; note ominous clouds forming...



Krystal beach entrance; new swim area floats



Back to the dressing room after storm.... Terminate search



Scott rinsing fins after dive; water still perfect after dusk

Scuba Scoop

Don Storck
3273 N. Raucholz
Hemlock, MI
48626



FREE E-SCOOP

Give a friend a gift subscription to the SCOOP. For a free e-subscription; just send e-mail to dstorck@hotmail.com

Dive Team News-

Almost halfway through the summer, the Dive team was called out this last month to the Saginaw River to recover a vehicle that someone parked there...



Hastings and Giorgis assisted by a civilian and the fire dept.

(Special thanks to the Gladwin County Dive Team for their hospitality during their last training! -Don)

Announcements-

NO contact to date from the Saginaw Zoo ref window cleaning for those expressing interest...

***DIVEANDGLIDE**

707 Washington; Bay City
989 892 5771
diveandglide@att.net

***Instruction Offered**

Dive training classes; Special discounts to SUE members and public safety divers. Contact Mike Coyer (PADI Instr) at mcoyer@sbcglobal.net

***Compressed Air Supplies & Eqpt.**

800 Old Griffin Rd # 3, Dania, FL 33004
Phone 954-929-4462. -Dick Batchelder

S.U.E. Anniversary Planner

Jul 14 Club Mtg	Oct 13 Club Mtg
Aug 11 Club Mtg Picnic!	TBA- Pumpkin Carve?
Sep 8 Club Mtg	Nov 10 Club Mtg
	Dec 8 Club Mtg
	TBA Christmas Party

FOR SALE :

New Performance wet suit top xx \$50.00
Aqualung rocket fins new straps size large \$25.00
SSA membrane skin size large \$50.00
Spear gun 36inch new band \$60.00
Pelican dive float \$35.00
-Mike Kowalski @ 892 2028

Rebuilt Bauer Air Compressors- 4 to choose from. Like new condition; huge discount. Too much info to post here; contact the Scoop for more info. Or, contact Compairsupply@att.net and tell them the Scoop sent you.

WANTED :

Neoprene pieces from suits
-Val Geidans @ 781 1552

S.U.E OFFICERS

President:	
Mike Fabish	781 6167
Vice President:	
Tony Piazza	751 0361
Secretary:	
Jim Jesselaitis	249 7619
Treasurer:	
Dave Sommers	751 8517
Compressor Chair:	
Don Cunningham	799 4385
Bd Member-at-Large:	
Greg Prenzler	791 3556
Editor:	
Don Storck	642 8436

Policy and Disclaimer:
Items listed in For Sale/Wanted will continue to be listed for one year unless the "Scoop" is notified otherwise.
Saginaw Underwater Explorers and "The Scuba Scoop" are not responsible for anything posted here.