



# Down Under Dive Club

July 2005

Since 1984



**The June DUDC Meeting is  
Wednesday, July 13th  
@ 7:30 p.m.**

**This month is DUDC's Annual Ice Cream Social. Don't miss all the fun! Leave your diet at home and bring your appetite. There will be lots of your favorite ice cream flavors and even some birthday cake!!**



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## Coming Soon . . . .

Future presentations include:

**August DUDC Meeting (8/10/05)—**

***C.H. Thiess (Chuck)***

Chuck is a volunteer at UDT Navy Seal Museum  
Member of UDT #4 ---- During his Navy career "sub-ops Navy Platoon"  
Member of UDT #2 ----- ""

\*\*\* Underwater demolition was his work/specialty.

He was involved in the making of the movie "Frogman"...

Chuck will discuss that and is bringing an edited version of the movie where he is shown

**September DUDC Meeting (9/14/05)—**

***Dr. Michael Ott***

He is a pulmonary critical care physician. His specialty is diving medicine and he was the medical director for the recovery effort for the Hunley several years ago. The Hunley was the long lost Civil War submarine that was recovered of the coast of South Carolina a few years ago. He works at MIMA

## Dive Quiz by AI:

The recommended surface interval prior to flying after repetitive dives is:

- A. 6 Hours
- B. 12 Hours
- C. 18 Hours
- D. 24 Hours

*Answer on page 6*

## Board of Directors

President & DUDC Newsletter Editor:	Debi Buck
Vice-President:	Kelly Uhland
Treasurer:	Ed Given
Secretary:	Laurel LeFavor
Membership:	Marty Munnich
Safety Officer:	Al Audet
Dive Coordinator:	Michael Wheat
Members At Large:	
Webmaster:	Shannon Anderson
Concession Master:	Tom Butler

# DUDC DIVE & EVENT CALENDAR

Event		Time	Member's Cost		Coordinator Phone # / E-mail	
			Tier 1	Tier 2		
DUDC Club Meeting & Ice Cream Social Indian River Lagoon House		Wednesday, 7/13/05 @ 7:30 p.m	Free	Free	Martin 253-4713	<a href="mailto:info@downunderdiveclub.com">info@downunderdiveclub.com</a>
West Palm Beach Dive Pura Vida Divers	<b>Shallow profile requested -60ft</b>	Saturday, 7/16/2005 @ 8:30 a.m.**	\$42 + tanks	\$17 + tanks	Russell Bremmer 698-1278	
Aquacat Bahamas trip 7/23/05 through 7/30/2005						
West Palm Beach Dive Pura Vida Divers	Average depths - 60-90 ft	Saturday, 7/30/2005 @ 8:30 a.m.**	\$42 + tanks	\$47 + tanks	Debi 728-7243	<a href="mailto:dbuck@downunderdiveclub.com">dbuck@downunderdiveclub.com</a>
DUDC Club Meeting Indian River Lagoon House		Wednesday, 8/10/05 @ 7:30 p.m	Free	Free	Martin 253-4713	<a href="mailto:info@downunderdiveclub.com">info@downunderdiveclub.com</a>
DUDC Board of Director's Meeting		Tuesday, 7/24/2005 @ 7 p.m.	Free - open to all members	Free - open to all members		Contact Any Board Member to Attend
West Palm Beach Dive Pura Vida Divers	Average depths - 60-90 ft	Saturday, 7/30/2005 @ 8:30 a.m.**	\$42 + tanks	\$47 + tanks	Debi 728-7243	<a href="mailto:dbuck@downunderdiveclub.com">dbuck@downunderdiveclub.com</a>
DUDC Board of Director's Meeting		Tuesday, 8/23/2005 @ 7 p.m.	Free - open to all members	Free - open to all members		Contact Any Board Member to Attend
Two Tank Jupiter Dive Jupiter Dive Center	Average depths 70-90 feet	Saturday, 8/27/2005 @ 8 a.m.	\$35 + tanks	\$45 + tanks	Michael 728-1028	<a href="mailto:mwheat@downunderdiveclub.com">mwheat@downunderdiveclub.com</a>

**Sold out**

**Sold out**

**Only 4 spaces Left!!**

**Cancellation Policy for Club Sponsored Dives:** Deposits will be refunded with **2 weeks notice** of the scheduled event or with a paid replacement divers. Refunds of money paid after the 2 week cancellation period is subject to **board approval**. All requests for refunds after this period **MUST** be made in writing. Money and deposits are refunded when dives are cancelled by the Charter or DUDC.

**ALL DIVES MUST BE PAID PRIOR TO THE DAY OF THE DIVE.**  
(This calendar is tentative and subject to change.)

**You can pay for your Club dives, membership fees and merchandise with your credit card. For more details, talk to the dive coordinator or call Ed Given at 255-5587.**



## 6/25 Pura Vida/WPB Dive Trip Report

**Location:** West Palm Beach, Florida

**Charter Boat:** Pura Vida Divers

**Date:** June 25, 2005



You just gotta love living and diving in Florida. Despite the unique challenges we have living in paradise (alligators, giant mosquitoes, hurricanes, etc.), you just can't beat the diving. In under 2 hours from Brevard County, we have some of the best diving to be found in the continental US. Today was just those days where you just wish it would never end, the seas were flat, the skies were clear and the water was warm. DUDC divers today included: Russell and Kaytlin Bremmer, Bill Allen, Cheryl & Jerry Zeeman, Kelly Uhland, Al Segona and Gary and myself.

After the crew of the *Sirena* loaded our gear we were on our way. First dive the day was at Fish Bowl. After we first descended we had a difficult time finding the reef itself — that's because it was hiding behind all the fish! This certainly wasn't a dive where you had to hunt for something to look at. It was more that there was so much marine life that you weren't sure what you wanted to look at first.. There were huge schools of yellowtail snapper and grunts, eels, anemones, lobsters everywhere, angelfish, puffers, a large southern stingray and several barracudas. Visibility was around 60 feet, water temp was consistent 82 degrees. Like all fabulous dives, it ended way to soon.



After a necessary surface interval involving lots of fruit, pretzels, and Oreo cookies, we headed to a portion of Breaker's Reef called 2nd Window. Another really great dive with tons of fish and an amazing reef structure with nooks and crannies that was hiding all sorts of interesting critters. After all our allowable air/bottom time was up, we came back to the boat for our short trip to the dock. After the crew unloaded all our gear, we headed for the Tiki Sea Grill for lunch.

Thanks to all the DUDC members that came out for this dive for making this such a fun trip and thank you for not laughing TOO hard when I was pushed into the marina for an unscheduled swim by a certain boat captain. Its not just the diving that made this trip so great, but the wonderful people that we were diving with.

**D. Buck**

\*\*To see photos of this dive and previous trips go to: <http://www.downunderdiveclub.com/photoalbum/>



# **DIVING WITHIN YOUR LIMITS**

We recently experienced two fatalities in Florida, and both of these incidents had a common thread. They were both advanced dives, and both were advanced divers. One was on the Spiegel Grove, and the other was at the Hole in the Wall in Jupiter. When you start adding depth, current, visibility, and conditions together, you start increasing the complexity of the dive.

This first thing I want to remind everyone what their dive limits are. I'm going to list the PADI limits, but most of the other organizations follow similar limits. Open Water divers are limited to 60 feet, Advanced Open Water is 100 feet, and Deep Diver is maxed out at the **recreational limit of 130 feet**. Yes, you can get away with diving beyond your limit, but when you start adding complexity to the dive, you can quickly exceed your capabilities.

The difference between diving 60 and 100 feet on a calm day is almost nothing. Yes, you can experience nitrogen narcosis, your bottom time is significantly reduced, your air consumption is higher, and most Open Water diver will do just fine. Now, add in strong current, rough seas, and/or limited visibility and you have an entirely new set of circumstances. An Open Water diver will probably do OK, but now anxiety, task loading, and the lack of experience will significantly increase the possibility of an accident.



Most dive charters try to pick a dive location within your limits, but if someone on the boat requests a particular location, it's possible they'll dump you in deeper water than you're qualified for. It's your responsibility to let the dive charter or the group leader know what your limits are. Also, if you think a dive is beyond your limits (i.e. strong current, rough seas, poor visibility, etc), let someone know or abort the dive. The cost of a dive is not worth an accident. Most dive charters or group leaders will do their best to accommodate everyone.

*Al Audet*

## **Attention Coffee and hot beverage drinkers. The Club has its own coffee mug.**

Made of finely crafted, high-grade ceramics. The club logo is displayed front and reverse blue on white. The DUDC mug will hold your favorite hot beverage and confirm your membership in Melbourne's best dive club.



For sale now at \$4.00 each. Only a few left.  
**Call Marty at 321/253-4713 to reserve your mug, and pick it up at July's meeting.**



## Answer to Dive Quiz:

Answer: C

## Recommendations of the 2002 Flying After Diving Workshop



### General Comments

Recent experimental trials indicate the risk of decompression sickness (DCS) decreases as the preflight surface interval increases. Based on these studies, the Workshop reached the following consensus recommendations. These recommendations apply to flights at cabin altitudes between 600 metres/2000 feet and 2400 metres/8000 feet and to divers who are without DCS symptoms. Work by Buehlmann, which was used by the US Navy Diving manual, suggests that immediate ascent to 600 metres/2000 feet altitude is possible with low DCS risk. In 1999, the US Navy adopted more flexible procedures based, in part on Buehlmann and Vann et al. Following these recommendations reduces DCS risk but does not guarantee that a diver will avoid DCS.

### For Dives within the No-Decompression Limits

- *Single Dives* - A minimum preflight surface interval of 12 hours is suggested.
- *Repetitive Dives and/or Multiday Dives* - A minimum preflight surface interval of 18 hours is suggested.

### For Dives Requiring Decompression Stops

- A minimum preflight surface interval greater than 18 hours is suggested.

Flying after diving recommendations need not be considered for flights to ambient/cabin pressures less than 600 metres/2000 feet.

## June's Prize Winners

### Door Prize Winners:

Dry Storage Bag — David Slonim  
Dive Sticker—Dave Klahr  
Fish ID book — Bill Allen  
Dry Box — Dale Purchase

*Door prizes are given away at each club meeting. Come to the meeting and sign-in to win.*

### 50/50 Winner(s):

\$3—Russell Bremmer  
\$2 — Russell Bremmer  
\$1— Al Segona

**NO JACKPOT WINNER—  
\$\$ ROLLS OVER TO MAY!!! The  
Jackpot is up to \$205 with only  
16 cards left, the odds are getting  
better that someone will be \$205+  
richer soon!!!**



# Divers Wanted

## All Experience Levels Welcomed

Down Under Dive Club (DUDC) is looking for enthusiastic divers who wish to participate in the exploration of our Underwater World.

DUDC Members enjoy informative meetings; frequent dive trips; enhancement of diving skills; discounts on dive boat prices; eligible for discounts on equipment and supplies; access to DUDC email and web-page forums; and, subscription to our monthly newsletter.

DUDC meetings are held on the second Wednesday of every month at the Indian River Lagoon House, 3275 Dixie Highway in Palm Bay

Socializing begins at 7 pm, the business meeting begins at 7:30 pm, and it is followed by an informative program

Drawing for Door Prizes are held at every meeting and raffle chances available for great prizes

**For more information call Martin Munnich**  
at 253-4713 or send an e-mail to [info@downunderdiveclub.com](mailto:info@downunderdiveclub.com)



Visit us on the Web at:

[www.downunderdiveclub.com](http://www.downunderdiveclub.com)

# WANTED

New Dive Coordinators that Want to

**Dive For FREE!!!**

Contact Michael Wheat  
for Details (321) 727-1028

Or

[mwheat@downunderdiveclub.com](mailto:mwheat@downunderdiveclub.com)



## Down Under Dive Club

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