

# NOW HEAR THIS!

**THE NEWSLETTER OF THE KNOXVILLE POWER SQUADRON**  
A Unit of the United States Power Squadrons  
Sail and Power Boating

District 17 of the United States Power Squadrons®

Vol. 26, No. 1

January 2014

## KPS BRIDGE

**Commander:**

Cdr Chuck Smith, P  
(865) 376-1370

**Executive Officer:**

Lt/C Tom Sundstrom, P  
(716) 937-6708

**Squadron Education Officer:**

Lt/C Dave Roberts, JN  
(865) 777-5400  
Delila Callahan, Asst. SEO

**Administrative Officer:**

Lt/C Maureen McCarthy, S  
(865) 531-1854

**Secretary:**

Lt/C Jean Armes  
(865) 458-9624

**Treasurer:**

Lt/C Larry Lanz  
(843) 819-4301

**Executive Committee:**

Current Bridge plus —

P/C James Barkley, SN  
(865) 966-7261

P/C Henry (Hank) Davis, JN  
(865) 670-3698

P/C Margaret Edidin, P  
(865) 980-2840

P/D/C Mike Scher, AP  
(865) 405-5512

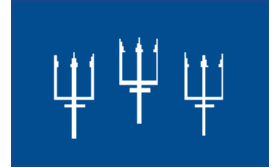
**Newsletter Editors:**

Ken Bloomfield, AP  
(865) 293-2174

## Commander's Comments

Cdr Chuck Smith, P

I want to wish all of you a happy and prosperous 2014. USPS is off to a busy year. This is the 100th year for the United States Power Squadron. The annual meeting in Jacksonville, Florida will be a very special one.



It is not too late to register and attend. The meeting is January 28 - February 1.

You can register on line or see information and the form in your winter copy of the Ensign. Your commander is planning to attend and would love to see you there.



On the home front here in Knoxville we are making plans for our own Annual meeting January 27 with election of 2014 officers.

Your current bridge is also finishing up the 2014 calendar of events for the squadron. It is shaping up to be a fun year with some added on-water events and cruises.

The education arm of KPS has an ambitious five ABC classes scheduled. Your help is needed to make these classes a success. When our members attend these classes as helpers, interest in KPS membership spikes



*(Commander's Report Continued on page 2)*



**ELECTED NON-EXECUTIVE COMMITTEES**

**AUDIT:**

CHAIR: D/Lt/C Hank Davis, JN  
2 Year: P/C Larry Campbell, AP  
3 Year: Paul Dockins, P

**NOMINATING:**

CHAIR: Vickie Smith, S  
2 Year: Linda Sundstrom  
3 Year: Janet Bray, P

**RULES:**

CHAIR: Rich Hawbaker, P  
2 Year: P/C Margaret Edidin, P  
3 Year: Kirby Wilcher, P

**PORT CAPTAINS**

WATTS BAR LAKE: Robert McConnel, S/N FT LOUDOUN LAKE: P/C James C. Barkley, SN TELlico LAKE: P/D/C Mike Scher, AP

**APPOINTED COMMITTEE CHAIRS and OFFICERS** (Some of the following positions will be updated.)

**BOAT SHOWS**

Tom Sundstrom, P

**MEMBERSHIP**

Ed Armes

**NATIONAL LIAISON**

P/D/C Ronald Lukens, AP

**SAFETY**

CC Michael P. Scher, AP

**PUBLIC RELATIONS**

P/C Nick Tronolone, AP

**LAW OFFICER**

P/C Jim Barkley, SN

**SQUADRON HISTORIAN**

P/C Nick Tronolone, AP

**VESSEL SAFETY CHECK**

P/C Bob Bray, JN

**PROPERTY OFFICER**

P/C Bob Bray, JN

**LEGISLATIVE/LIASION**

Commander Chuck Smith, P

**ROSTER**

Nancy Campbell, P

**OPERATION BOAT SMART**

Lt/C Dave Roberts, JN

**NEWSLETTER**

Ken Bloomfield, AP

**WEBMASTER of KPS Website ([www.kps-site.org](http://www.kps-site.org))**

Ken Bloomfield, AP

**ASSISTANT ADMINISTRATION**

Nancy Campbell, P Polly Lanz  
Charlie Meadows, S  
P/C Sharon Birdwell, AP

**ABC CLASS COORDINATOR**

Lt/C Dave Roberts, JN

*(Commander's Report Continued from page 1)*

upward. It's fun too. Brush up on the bowline and help with the line handling part of the classes. The outside temperature and the water levels may be low right now but the joy of being with fellow boaters is always high. Happy New Year!

Cdr. Chuck



**Knoxville Power Squadron**

*Celebrating*  
**50**  
*Years*



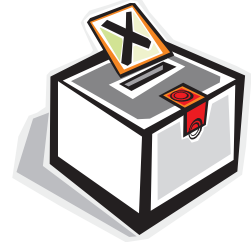
## This Month

### January 27th Dinner Meeting

Hibachi Grill  
9645 Kingston Pike  
Knoxville, TN 37922



The dinner buffet is \$9.89 with individual checks. Soda is available for \$1.49 and wine may be brought to the restaurant. This is the meeting to elect the new Bridge members. There will not be a guest speaker at this meeting.



## Looking Ahead



### February 22nd Change of Watch

Rothchild Catering  
8807 Kingston Pike  
Knoxville, TN 37923



\$25.00 per person.

This is a pre-paid event.



**Refunds cannot be made**



Seated dinner selections may be made the night of the event.

Bar Service available from 6:00 to 8:00.

All dinners are served with salad, bread, iced tea, coffee, two side dishes, and dessert.

The choices are:

- Grilled lemon pepper boneless breast of chicken, or
- Sliced marinated flank steak w/ merlot glaze and sauté mushrooms, or
- Vegetarian lasagna

Checks may be made out to Knoxville Power Squadron and mailed to Maureen McCarthy in early February – more specifics in that newsletter.

**SAFE BOATING COURSE &  
TWRA Boating License "2014" SCHEDULE  
Sponsored by  
Knoxville Power Squadron Inc®**

**GANDER MOUNTAIN, Knoxville**  
15501 Parkside Drive  
February 18, 20, 25, 27  
Tues & Thurs 6:15pm-9:00pm

**CONCORD MARINA**  
10911 Concord Rd.  
March 11, 13, 18, 20  
Tues & Thurs 6:15pm-9:00pm

**TRAVIS MARINE, Knoxville**  
9312 Tedford Rd.  
April 8, 10, 15, 17  
Tues & Thurs 6:15pm-9:00pm

**CANEY CREEK MARINA**  
3615 Roane State Hwy, Harriman  
May 6, 8, 13, 15  
Tues & Thurs 6:15pm-9:00pm

**TELLICO HARBOR  
Neighborhood Club House**

2000 Cherokee Dr.  
Saturday, March 22 and Sunday March 23  
Saturday, March 29 and Sunday March 30  
Saturdays: 9am till 11:30am  
Sundays: 1 pm till 4pm

This course is taught over 4 nights and covers the following topics:

- Introduction to Boating & Boating Laws
- Boat Safety Equipment Safe Boating
- Navigation Boating Problems
- Trailering, Storing and Protecting Your Boat
- Hunting and Fishing Water-skiing and River Boating

**American Boating Course 3rd Ed© Course Costs: Individual \$37; Family of 2 (1 book) \$47**  
Fees are to cover the cost of the textbook and exam

**Includes 6 mo. FREE membership to the Knoxville Power Squadron  
TWRA License Test — Cost \$10**

Many Insurance companies offer discounts for completing this NASBLA approved boating course.

To register for a class or for information please call Otto Schwarz at 865-927-3692  
Or

Visit our web site: [www.kps-site.org](http://www.kps-site.org)

**Knoxville Power Squadron Membership Includes:**

**Opportunities for: Greater boating education, Fun family activities, Community involvement, Special marine insurance, USPS publications.**

**FINAL NOTE:** the Piloting class given by Ray West and Delila Callahan (the last educational effort of 2013) had 10 students, all but four of whom went straight on from Seamanship, all of who passed with flying colors, and three became new squadron members as a direct result of the educational experience.





## CAN YOU RECOGNIZE DROWNING?

There have been many cases of people, especially children, drowning within 50 feet of their friends or parents. The prime reason for this is that the parents/friends did not recognize that they were drowning. The conventional “picture” most people have of a drowning person is very often incorrect. Drowning is almost always a deceptively quiet event. The waving, splashing, and yelling that dramatic conditioning (television) prepares us to look for is rarely seen in real life.

An recent article in the Coast Guard’s “On Scene” magazine was brought to my attention by Tom Dietrich, described the “Instinctive Drowning Response” as follows:

- “Except in rare circumstances, drowning people are physiologically unable to call out for help. The respiratory system was designed for breathing. Speech is the secondary or overlaid function. Breathing must be fulfilled before speech occurs.
- Drowning people’s mouths alternately sink below and reappear above the surface of the water. The mouths of drowning people are not above the surface of the water long enough for them to exhale, inhale, and call out for help. When the drowning people’s mouths are above the surface, they exhale and inhale quickly as their mouths start to sink below the surface of the water.
- Drowning people cannot wave for help. Nature instinctively forces them to extend their arms laterally and press down on the water’s surface. Pressing down on the surface of the water permits drowning people to leverage their bodies so they can lift their mouths out of the water to breathe.
- Throughout the Instinctive Drowning Response, drowning people cannot voluntarily control their arm movements. Physiologically, drowning people who are struggling on the surface of the water cannot stop drowning and perform voluntary movements such as waving for help, moving toward a rescuer, or reaching out for a piece of rescue equipment.
- From beginning to end of the Instinctive Drowning Response people’s bodies remain upright in the water, with no evidence of a supporting kick. Unless rescued by a trained lifeguard, these drowning people can only struggle on the surface of the water from 20 to 60 seconds before submersion occurs.”

Look for these other signs of drowning when persons are in the water:

- Head low in the water, mouth at water level, and head tilted back with mouth open
- Eyes glassy and empty, unable to focus, or eyes closed
- Hair over forehead or eyes
- Not using legs—vertical
- Hyperventilating or gasping
- Trying to swim in a particular direction but not making headway
- Trying to roll over on the back or appear to be climbing an invisible ladder

So if a crew member falls overboard and everything looks OK—don’t be too sure. Sometimes the most common indication that someone is drowning is that they don’t look like they’re drowning. They may just look like they are treading water and looking up at the deck. One way to be sure? Ask them, “Are you all right?” If they can answer at all—they probably are. If they return a blank stare, you may have less than 30 seconds to get to them. And parents—children playing in the water make noise. When they get quiet, you need to get to them and find out why.

# Galvanic Corrosion- what to do!

In a past article, the process of galvanic corrosion was discussed. However, often these articles don't accomplish much more than a rolling up of the eyes. This article is intended to boil down what to do to detect and prevent it.

First off, don't assume that your boat is protected from galvanic corrosion no matter how new or recently serviced your boat may have been. Sacrificial anodes on the boat should be checked as often as possible, and especially if the boat is kept in a new location (slip) to determine the degree of hazard.



The installation of a galvanic isolator will go a long way towards blocking the flow of galvanic corrosion causing direct currents.

Be sure all of your underwater metal fittings are bonded together with at least 8 AWG green colored insulated copper stranded boat wire. This will insure all of your underwater fittings are at the same voltage potential. This will also prevent current from flowing between your underwater metal fittings. If in doubt, ground one lead of an ohmmeter set on the Rx1 (lowest) scale to the engine, and then with a "wander lead" (i.e. wire extension) measure each fitting and ensure that the resistance to ground is less than an ohm. If not, then find out why.

If you have any aluminum underwater fittings (i.e. outdrives for example), keep in mind that aluminum is very low on the galvanic nobility scale. As such, this means that the outdrive system warrants special attention. Some systems use an impressed voltage from the boat battery controlled by a sensor electrode on the outdrive. It is important that you ensure this is working. Absent that system, then the remaining alternative is the classical combat tool — giving the corrosion something it likes to eat better than your outdrive metal. This means having sacrificial anode electrically connected to the outdrive (ie. Via common bonding wire/straps) that is less noble than outdrive metal, and this will almost certainly be magnesium.

