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and yes, even here

IMPRESSIVE SEAFARERS



y wife Jo and I recently popped down the coast to Ingleside, Texas, to tour what will soon be one of the largest things floating in the Gulf of Mexico. The Mars B Olympus platform will be operated by Shell, which owns 71.5 percent with BP owning the remainder. The platform weighs in at 119,000 tons - 20 percent heavier than the largest platform currently working the Gulf and the largest of its kind in the world.

The multi-billion dollar platform is 401 feet tall making it a major "landmark" for boats passing offshore. Its huge dimensions and high-pressure equipment enable it to tap into deeper oil reserves than any existing platforms. It will be moored in approximately 3,000 feet of water some 130 miles south of New Orleans and is designed for a working life of 50 years.

The topsides were built by Kiewit Off-Shore Services in Ingleside where they were joined with the South Koreanbuilt hull. My wife is a contractor for Shell helping to design safety features on a sister platform, so we were among the thousand guests invited to clamor aboard for Shell's family day. It was likely the first and last time the children will ever wander the industrial decks.

We visited the living guarters where 192 workers will spend down time. Each bunk comes with a built-in TV. They also have a workout room, cafeteria, rec room and medical suite. But mostly it is all work onboard.

The control room technology is decades beyond anything NASA used to launch people into space. Fiber optic

cables will connect Olympus to a duplicate control room in New Orleans to provide redundant oversight of operations. A derrick built by the Lonestar Energy Fabrication yard in Baytown, Texas, towers over the top deck. Onboard gas turbines will provide 28 megawatts of power to run the facility.

The wellbay has 24 well slots enabling the platform to tap into multiple wellheads, producing up to 100,000 barrels of oil per day. Over the lifespan of the project, the platform is expected to enable production of an estimated 1.1 billion barrels of oil equivalent from the Mars field.

As the platform is prepared for towing offshore this summer, Shell estimates that the project required 20 million hours to complete. That's a lot of effort and expense to help meet our insatiable thirst for energy in

the coming decades. It should help keep our cars (and boats) humming along for a long, long time. Impressive.

The day before our tour, we visited the nearby Corpus Christi Municipal Marina. Tied off to a bulkhead there is a replica of Christopher Columbus' ship Niña - part of a set including Pinta and Santa Maria that toured American ports in 1992 to commemorate the 500th anniversary of Columbus Day. They are the most historically accurate Columbus replicas ever built. After the tour, Spain leased them to Corpus Christi. A barge mishap in 1994 left the latter two vessels in need of prohibitively pricey repairs. They are currently rotting on shore at the Corpus Christi Museum.

Niña looks stout, but incredibly petite. With a 65-foot deck length, 7-foot draft and 1,919 square foot sail area, the oak and pine caravel is small compared to many pleasure craft docked in the marina. But somehow Columbus guided his little fleet 25,000 miles across the ocean powered by wind and will alone. No oil required. Very impressive.





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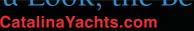
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BROKER ISSUES BROACHED



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To the Editor,

I read with interest your article in the July 2013 issue. The section referencing brokers was kinder than most articles of this nature. However, the last section, entitled "Going Bare Boat", presents two issues unfairly: First, although it is true that the first contractual agreement is often between the broker and the selling client, there is no need to assume that the listing agreement prevents the broker from negotiating a fair deal for the buyer as well. Quite often the absence of a second broker can actually make the transaction easier to facilitate. Likewise, it is unfair to assume that a broker will not pursue a boat advertised as "For Sale By Owner" or that a buyer will have to pay a commission beyond the advertised price in such a case. The fact is that a good broker will pursue the right boat for his client no matter what the circumstance and will often be able to negotiate a fair deal with a private seller. When opting to work with a broker, a buyer should find someone that they are comfortable

with, be candid about their needs and wants, and stick with their broker of choice.

> John E. Muller Coast to Coast Yacht Sales Vero Beach, Fla.

Mr. Muller,

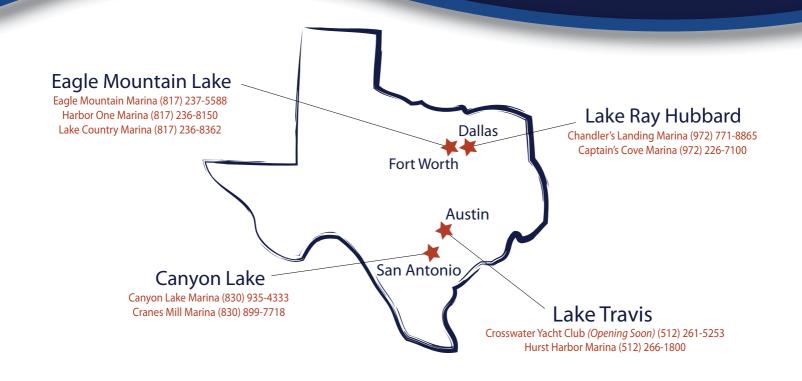
Thank you for reading All At Sea and sharing your perspective. Regarding the section of the story you referenced, our point was only to remind the buyer to be aware of how the broker is compensated for his or her expertise. Certainly a good broker should be clear about such matters and deal fairly with all parties in the transaction, but it can be a tricky balancing act and it is prudent for buyers to beware of any potential conflicts of interest. We concur wholeheartedly that those buyers who choose to work with brokers should find somebody with whom they can build a strong working rapport.

> Regards, Rob

All At Sea wants to hear from you! Send your correspondence by email to editor@allatsea.net, or mail letters to: All At Sea, 382 NE 191st St. #32381, Miami, FL 33179-3899

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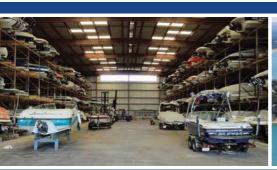


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THE SOUTHEAST STATES' WATERFRONT MAGAZINE



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COVER SHOT: Danielle Atwood and Birget Schultz rev up a Harrier 25 around Marco Island, Fla. | Photo: ©Billy Black

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WHERE IN THE WORLD?

CONGRATULATIONS
MAX AND THANKS FOR
READING ALL AT SEA!



Max Murray from Palm Beach Gardens is hanging out at the Brownie's Dive Shop in Ft. Lauderdale reading up on the *All At Sea* magazine!

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SOUTHEAST U.S. EVENTS & INTERESTS

ALL AT SEA SOUTHEAST'S STATE COVERAGE







Gunboat's N.C. Facility Growing

Bruce Hopkins joined catamaran builder Gunboat as the new CFO after 15 years as CFO at Maine boatbuilders Lyman Morse and Hodgkin Yachts. "It was time to bring in someone of Bruce's caliber," company founder Peter Johnstone said in news release.

Hopkins has moved to North Carolina where Gunboat International moved its operations last year, repatriating from China.

"We're excited to be here," Hopkins said in a statement. "Gunboat is thriving and we're looking forward to being able to sail in warm weather for six months out of the year, rather than six weeks."

Gunboat received a state grant of \$213,000 to create 71 jobs in three years, including a goal of 30 jobs in the first 12 months. The state doles out the grant as Gunboat meets hiring goals. Johnstone is ahead of schedule, having hired 45 workers with plans to hire an additional dozen or so by the end of the year.

The company began in 2001 at a plant in South Africa before moving to China. Its 36,000-square-foot facility in Wanchese, N.C., was once owned by famed Outer Banks boatbuilder Buddy Davis. It was vacant for five years before Gunboat moved in.

Johnstone expects to finish eight 55-foot twin-hull sailboats in 2013, each priced just under \$2 million.

EVENT CALENDAR

Please send future events to editor@allatsea.net. This month and next month's events are currently published here and at www. allatsea.net. Your specific area may or may not be shown based on identified activities for these months.

ANNAPOLIS, MD

OCTOBER 3 - 6

US Powerboat Show Boat Show www.USBoat.com 410-268-8828

OCTOBER 10 - 14

US Sailboat Show Boat Show www.USBoat.com 410-268-8828

BILOXI, MS

AUGUST 24 - 26

SKA Palace Casino Resort/ Gorenflo's King Mackerel Tournament Trail Fishing Tournament www.gorenflostackle.com

CARRABELLE, FL

AUGUST 3 - 4

C-Quarters Marina 10th Annual Kingfish Shootout Deep Sea Fishing www.c-quartersmarina.com/ shootout.html info@c-quartersmarina.com (850) 697 8400

CHARLESTON, SC

SEPTEMBER 28

Leukemia Cup Regatta Sailing Regatta www.LLS.org Charleston Sailing Community

CORNELIUS, NC

OCTOBER 11 - 12

Leukemia Cup Regatta Sailing Regatta www.LLS.org Outrigger Yacht Club

FORT LAUDERDALE. FL

OCT 31 - NOV 4

54th Annual Fort Lauderdale Boat Show **Boat Show** www.ShowManage ment.com 800-940-7642

GULFPORT. MS

AUGUST 14 - 18

Sonny Johnson Memorial Tournament Fishing Tournament www.mgcbgfc.com

MOBILE. AL

SEPTEMBER 14 - 15

Leukemia Cup Regatta Sailing Regatta www.LLS.org Buccaneer Yacht Club

ORIENTAL, NC

AUGUST 9 - 10 Oriental Dragon

Boat Festival Dragon Boat Races www.OrientalDragon Boat.com

info@orientaldragon boat.com

AUGUST 3 - 4

Dragon;s Breath Regatta Sailing Regatta www.OrientalDinghy Club.com

PALM BEACH, FL

SEPTEMBER 20 – 22

The South Florida Fall Boat Show | Boat Show www.southfloridafall boatshow.com 561-866-7323

PASS CHRISTIAN. MS

AUGUST 3 - 4

Leukemia Cup Regatta Sailing Regatta www.LLS.org Pass Christian Yacht Club

POMPANO BEACH, FL

AUGUST 1 - 4

The Mercury/SeaVee Pompano Beach Saltwater Showdown Fishing Tournament www.bluewater movements.com/ saltwater_showdown/

SAVANNAH, GA

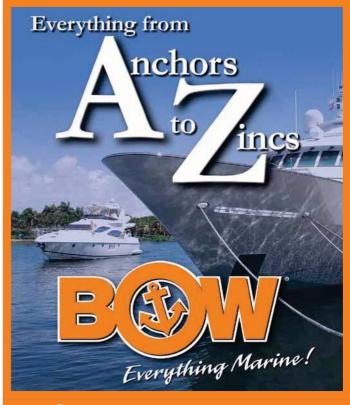
SEPTEMBER 13 – 15

Leukemia Cup Regatta Sailing Regatta www.LLS.org Savannah Yacht Club

TAMPA, FL

SEPTEMBER 27 - 29

Tampa Boat Show **Boat Show** www.TampaBoatShow.com lberryman@nmma.org 954-441-3227



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Hampton Cup Ready to Run

Hampton, Va., will host the Hampton Cup Regatta Aug. 10-11, preceded by a Beach bash on Aug. 9. Billed as the "oldest continuously run motorsports event in America," the speedboat race was first held in 1926 when 35 mph was a top speed for boats. Now they can range from 80 to 170 mph.

Spectators can get a free view of the American Power Boat Association-sanctioned race from the Mercury Boulevard bridge.

Boat Club Taps Scout Boats

Summerville, S.C.-based Scout Boats Inc. recently delivered four Scout 210 Dorado models to Palmetto Bluff, a 20,000-acre nature preserve and resort community in southeastern South Carolina. Wilson Landin, the community's dry stack marina, is located on the May River with access to Lowcountry waterways. The dry storage facility has 80 racks accommodating boats up to 36', a dock with six platform lifts over the water, an outfitters center and the Boat Club rental program of which Scout models are now a part.

"We've experienced a growing demand to expand and update our current private Boat Club fleet, so we began a search for a boat that would meet all our particular needs," said marina supervisor Capt. Chris Story. "We needed a vessel that could easily operate under a wide range of experience levels - from folks just getting their feet wet, to seasoned veterans... It was only after an extensive vetting process that we decided that Scout Boats and the 210 Dorado would be the best fit for our needs."

Sportsman Boats Expands

Sportsman Boats Manufacturing plans to expand operations with a move into a larger facility near Walterboro, S.C., west of their current Summerville base. The \$2.35 million investment is expected to generate 50 new jobs within the next five years.

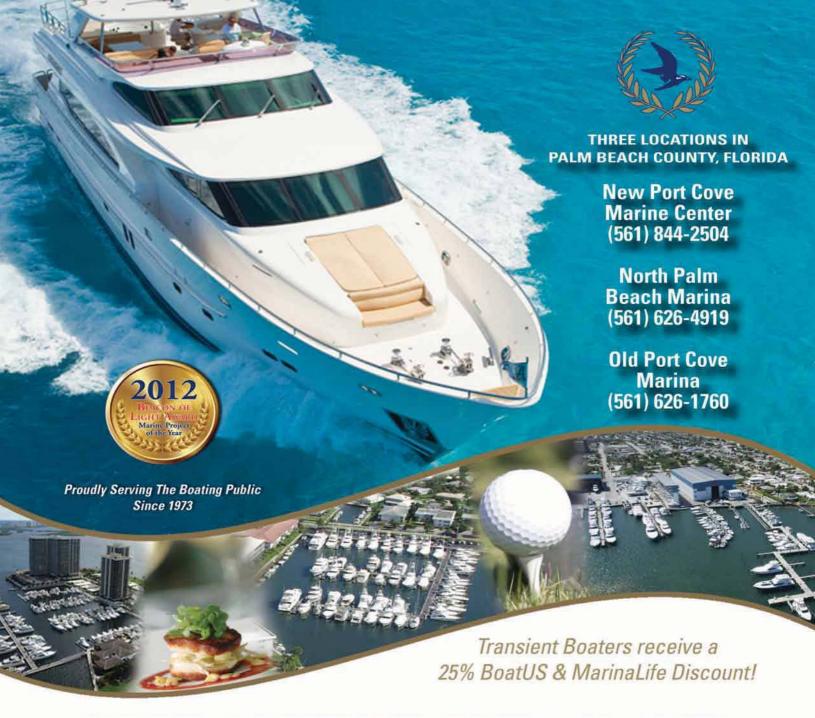
"We are pleased with the success we've had here in Dorchester County and we're looking forward to growing our operations here," said company President Tommy Hancock. "This expansion is a big step for our company. South Carolina has provided a great fit for our business and we appreciate all the support we've received from state and local officials."

The move to the 72,600-square-foot facility will allow the company to expand its capacity as well as add new boat models to its product range.

"It's always exciting to see one of our existing businesses grow, and we're thrilled to see Sportsman Boats Manufacturing expand less than two years after first setting up shop in Dorchester County," said Gov. Nikki Haley.

"South Carolinians know how to build things, and build them well," added Secretary of Commerce Bobby Hitt. "Sportsman Boats Manufacturing's expansion adds momentum to the Palmetto State's manufacturing renaissance, and we look forward to them continuing to grow and create jobs that will have an impact."





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Ruckert Joins Ross Yacht Sales

Jeff Ruckert recently joined Dunedin, Fla.-based Ross Yacht Sales as a broker. He brings to the company his extensive cruising experience all along the eastern seaboard and enthusiasm for finding clients the yacht of their dreams.

Trinity Partner Brings Expansion Capital

Trinity Yachts and TY Offshore announceed the formation of the Gulf Coast Shipyard Group along with its new investment partner, Littlejohn & Co., a multi-billion dollar private equity firm based in Connecticut. The Group will own and operate two major Gulf Coast based shipyards engaged in the new construction of commercial, military and luxury yachts. It will also operate International Yacht Collection, a wholly owned yacht brokerage unit. Felix S. Sabates Jr. will step down as chairman to become an advisor and consultant to the new organization.

"Littlejohn has an impeccable reputation along with the ability to bring equity, strategy and experience in order to successfully grow and diversify our operations," said John Dane III, president and CEO of Trinity Yachts and TY Offshore. "In addition, I am also happy to announce that we will be starting a long-planned \$9 million capital improvement program to the Gulfport, Miss., yard which will increase our efficiency and annual output.

"These improvements will also upgrade our Syncrolift to 4,300 tons in anticipation of ice class vessels for Arctic operations," he added. "All told, we expect these events will further establish our operations as a premier builder and major employer."

Edmund J. Feeley, managing director of Littlejohn, said, "We look forward to our partnership with the Gulf Coast management team to continue the company's strong growth trajectory into new markets. The company has a strong backlog of orders, and oil and gas drilling and production activity is expected to remain strong with demand for vessels serving this industry expected to continue, as well as vessels targeted for other commercial and military markets."

Waveland Pier Repairs Awarded

Compton Engineering will oversee repairs to the Garfield Ladner Pier in Waveland, Miss. The pier was rebuilt in 2010 after being demolished during Hurricane Katrina, but sustained \$900,000 in damage during Hurricane Isaac last August.



New Boat for Wrightsville Beach CG

The crew of Coast Guard Station Wrightsville Beach accepted delivery a 45-foot Response Boat-Medium in June. It is the 126th boat in a fleet of 170 being delivered to the service. The RB-M will replace the aging fleet of 41-foot Utility Boats and assorted nonstandard boats being used at Coast Guard stations throughout the country.

A top speed of 49 mph gets the boat's crew to the scene faster and reduces crew fatigue. The new design includes a full cabin to protect the crew from the elements, provides heating and air conditioning and features shock-mitigating seats. The RB-M is more maneuverable, can accommodate light machine guns and its propulsion system complies with EPA and International Maritime Organization emissions standards. It boasts an advanced navigation system and a communication system able to interact with other federal, state, local and homeland security partners.

The RB-M is a multi-mission boat that can operate in coastal zones including inshore and inland waterways and open ocean out to 50 nautical miles. Primary missions include search and rescue; ports, waterways and coastal security; defense readiness and marine environmental protection.







PERSONAL HYGIENE, YACHTIE STYLE!

BY CAP'N FATTY GOODLANDER



Even worse than not being able to smell her was smelling me! For the last four decades we've been enveloped in a sort of mutual 'odor soup, putrid stew' while on offshore passage - now she had broken the tradition.

It had been very 1960s... like MAD, mutually assured destruction. Now what would she do next - brush her teeth? I mean, what good is going to sea if you're going to bathe, bathe, bathe the day away?

Oh, it was sad. When we were younger and friskier, she used to write tiny erotic instructions on her skin - and I'd occasionally take a pick-axe to her dirt ... weeks later offshore ... sort of a treasure hunt of epidermal perversion. I'm reminded what Woody Allen replied when asked if sex was dirty. "If you do it right," he said.

Matted hair can be a turn-on. There's nothing wrong with dread locks downstairs!

To keep my blood sugar elevated properly, I'd just comb some of the debris of my previous meal into my mouth...

I firmly believe that a lot of our modern racial problems are really the result of too-vigorous showering. After all, in yesteryear even the English were so dirty it was hard to tell if they were white, black, or just waterless.

I mean, if god didn't want you to sniff each other, why did he make all the fun parts reek?

Oh, we used to have so much fun together, my wife and I cleaning out the cockpit scupper hoses, replacing the head sink drains, and just shoveling overboard the debris which fell off of us if, say, we were hit in the head by the boom.

My wife is Italian. She has Big Hair. She sheds about a pound of it every day, and has for all her life. Our bilges used to be full of it - especially the bilge pumps, strainers and limber holes.

I have a beard and mustache. Occasionally during heavy weather, it is hard to prepare a fresh meal. Thus during prolonged gales, to keep my blood sugar elevated properly, I'd just comb some of the debris of my previous meal into my mouth... yummy, once again! Déjà Vu, yeah baby! Waste not, want not...

Why buy modern sun block when old-fashioned filth will work just as well?

That's why I prefer my old foulies versus any new foulies. I WANT to smell the fear from a previous gale! And, let's face it, foulies wouldn't be called foulies unless they were! Who ever heard of donning your 'cleanies' as a storm approached?

The main requirement I have for a foul weather jacket is big pockets. If the coming offshore blow is a prolonged one, I just fill my pockets with hard-boiled eggs. Then, for



Boating Humor

nourishment, I just crush and peel an egg inside the pocket, hold it up to a boarding sea for a moment to salt-season it, and then gulp it down with a maniacal grin.

If you're wearing foulie bottoms as well, the resulting flatulence can be a problem. After all, heat rises. Your bottoms will noticeably balloon for a moment. Then the bubble rises like an internal tire to your waist, bubbling upwards to expand your chest area, and finally escaping with an odiferous 'pop' as the putridness momentarily inflates your hood.

Sure, I've heard that cleanliness is next to godliness, but I've always kinda sided with the other guy. True, he's not as nice – but far, far more interesting. I mean, why would I want to go to heaven when all my friends would be elsewhere? The point I'm trying to make is, a dirty body begets a dirty mind, which has always been my goal, regardless.

Muslims are fence sitters, in my opinion. I mean, why just one dirty hand? Why not both? Why not whole-hog!

There's nothing like a good 'pressure wash' of the privates while in deep ocean!

Speaking of pigs, they've always been my role-models are far as personal cleanliness goes. I like to root, too! And the unabashed way a pig wears his filthy coat of honor – super-duper, as far as I'm concerned.

No, I never subscribed to *Good Housekeeping* or *Yachting*. Did you know that the pigs of Tonga fish at low tide for clams? They do. And they are very dainty about it. If lucky, they barely rinse off any dirt at all.

I personally prefer dogs over cats – their method of IDing other individuals seem vastly superior to our own.

All of which isn't to say I never bathe. I do, but on an annual or semi-annual basis. I don't want to scrub away that protective 'barrier layer' which germs so find so difficult to penetrate. Or, maybe, they just can't handle the stench.

In any event, I have no allergies. I seldom get colds. I rarely get sick.

Of course, I lather up if constipated. Then I just plop myself down a LoVac marine toilet, twitch my buttocks a few times to ensure seal, and then pump a stroke or two. It's a sure thing, and much cheaper than Ex Lax or other chocolate treats for the aged. (Reportedly, a bag of prunes comes with every LoVac marine head.)

My first large ketch had a traditional mahogany bowsprit with twin bobstays. In heavy weather going to windward I'd jump down just below the sprit and hold on to the whisker stays as we plunged down, down, down into the suddenly rising trough... ah, no need for TP with this traditional

hearty sailor's method.

Yes, there's nothing like a good 'pressure wash' of the privates while in deep ocean!

I, for one, hate bidets on a boat. Kneeling that far down to brush my teeth makes me seasick.

Yes, I'm a sucker for maritime traditions. To this day, Arab dhows plying the Gulf of Aden still have a fully functional 'head' in the bows for the common sailors and a real 'poop deck' aft for the officers. ("Bombs away," Carolyn would call naughtily as we dinghy-toured the Salalah harbor of Oman.)

Okay, I'm not too bright. That's a given. Much in modern marine life perplexes me. For instance, why do they call 'em holding tanks when I use them because I can't hold it?

I prefer the olden, golden days of the Great Age of Sail ... when any Jack Tar before the mast knew that belly button lint made the finest, most expensive baggy wrinkle imaginable.

Yes, those were the good old days! To ensure a departing whale ship wasn't going to sea with any 'ladies of the night' still aboard, sleeping sailors (usually sleeping off the rum) were required to stick their legs out of their bunks so that gender could be observed. To this day, we 'shake a leg' upon command.

The Brits were the best. Instead of towels or rags to wipe their greasy hands in the mess hall, they just used the same frayed rope end every day. Yes, the dining area was a mess!

If the lice crawling around on a sailor's head began to prevent him from sleeping on his off-watch, he'd just tar his head with the same rigging preservative they used on the hemp shrouds... which is, of course, how Jack Tarr got his name.

To this day I lubricate my sextant with human grease squeezed from black heads on my nose... try that with a modern GPS! (All it does is smear the screen – how pathetic.)

We came up the Red Sea in 2010. We stopped in Sudan. Much of the population there lives in the desert. Water is precious. Thus, when the man of the house comes home from a long camel ride, his excited spouse lights a small sandalwood fire in the yard to stand over in her long, flowing, scent-catching gown. As soon as the smell of the fire overpowers the stench of her sweat, she dashes for the matrimonial bed.

Nowadays, we're getting two tiers of citizens: the First World and the Third World. Interestingly, the First World reports far more allergies. At first, I thought this was because wealthy people can afford to be more neurotic, but now I believe it is because the Super Pampered of the 1 percent just don't eat enough dirt as youngsters.

As a cruising sailor, I attempt to span both worlds. I often wallow all night long in the gutter, but I always wash out my mouth with soap afterwards.

ROCKVILLE REGATTA SAILS AGAIN

BY JEFF DENNIS



hat started as a way of life for Sea Island farmers 123 years ago, continues today in a grand way. The Sea Island Yacht Club at the tip of Wadmalaw Island overlooking Bohicket Creek is the setting each August. Large crowds of on-the-water spectators come every year to celebrate the tradition of sailboat races, and to keep in touch with Lowcountry nautical tradition.

Several classes of sailboat will race during the Aug. 3-4 event. Races involving Sunfish, Optimists, Lasers, Y-flyers and E-Scows will all follow the Sea Island One Design boats that start the Rockville regatta each year. The SIOD boats were designed by Rockville sailing enthusiasts just after World War II and are unique to the Lowcountry.

"The first weekend of August is off limits to just about anything except spending time at Rockville," said John Settle, the son of a former SIYC commodore. "We don't plan any weddings, or work days at the hunt club, or family vacations for the first weekend in August.

"The weekend begins with a Friday night social at the clubhouse with a shrimp supper, live music and dancing," said Settle, who has participated in the race for many years. "There is a captain's meeting on Saturday morning and then they will get in as many races that day as weather will allow, and then finish up on Sunday. Long ago, this was a dressy affair, and it carried a large sailing fleet. These days the sailing fleet has dwindled, but the spectators keep coming to this must-see opportunity each summer."

The spectator fleet occupies half of Bohicket Creek, and the race committee cordons off the racing area with a series of buoys. The S.C. Department of Natural Resources is on hand along with a heavy law enforcement presence to keep the sailing lanes open. Swift currents and the narrow course make the Rockville Regatta challenging.

The spectator fleet builds each morning of the race with boats streaming in from the North Edisto River, traveling north from Beaufort and south from Charleston. All the boats are at capacity, since the Rockville Regatta is a hot ticket for revelers, and the level of camaraderie becomes apparent when many of the boats raft up to one another. The bigger the boat the better, and everything from sportfishers to john boats will be anchored up and rafting together.

The hot weather of August makes a day on the water one of the best ways to beat the heat, and afternoon thundershowers can help to create the breezes that sailing requires. Taken altogether, the Rockville Regatta is a spectacle of summertime. To stroll under the live oaks along the shoreline at Rockville, and watch the fleet pass back and forth up and down Bohicket Creek, is to embrace a part of sailing history.

Jeff Dennis is an outdoor writer and photographer who grew up on a creek in Charleston loving the saltwater, and he contributes regularly to All At Sea Southeast. Read his blog at www.LowcountryOutdoors.com.

FISH EARLY IN AUGUST

BY CAPT. JUDY HELMEY



ugust is the month that separates the true fishermen from those who only claim to be. You really have to pull out all of the stops when fishing during this month. The old saying the "Early bird catches the worm" really comes into play during this month. It's best to fish early, because when the sun gets straight up the fisherman frying process begins.

Inshore Action

Red fish, spotted sea trout, flounder, whiting and sharks can be caught just about anywhere while fishing the sounds and beachfronts. The best baits are going to be the lively ones such as shrimp, mud minnows, finger mullet and small yellow tail.

The reason live baits are a good idea is that they do all the work for you. This just means their movement while rigged up gets the fish's attention. All you have to do is cast

rigged bait into the strike zone and possibly re-adjust the float's depth, but only if no hit occurs after "the float by" takes place.

A lot of fishermen like float fishing and, since I am a fisherman myself, I can tell you why this is a natural born fact: We all just love to see the sinking of the cork!

The best news about these baits is most of them can be caught by you. There is more good news - it's also a good time to catch your own bait, and you might just have enough left over for supper.

The secret to casting and catching shrimp, which could also turn into an afternoon shrimp cocktail, is a simple one. I suggest working the grass line as the shrimp first come out on the falling tide and when they start heading back to the safety of the marsh on the rising tide. I also suggest making sure that the grass line that you are working has a mud bottom around it.

For those that prefer to use "artificial only," bites can also happen. I always like using DOA shrimp patterns during this time. You can use them as rigged straight out of the package.

Best method here is to tie a 3- to 4-foot leader of 12- to 20-pound test to a popping cork and cast into place. Let the tide take the float and come up with your own popping the float sequence. It's best to fish this rig in 5 to 6 feet of water.

When fishing more than 6 feet of water, I suggest using a small adjust float rig with a 2/0 Kahle hook. Remove the DOA weight and hook from artificial shrimp pattern and balance them on your hook just like a shrimp.

Near Shore Options

Ocean menhaden, also known as porgies, have arrived and can be caught while casting your net around beachfronts and as far out as three miles into the ocean. The secret to finding porgies is to keep an eye to the sky for diving pelicans. Menhaden are called "Pelican candy!"

Because of the oils in their flesh, this is the one bait that works when used live or dead. It also works when used as chum, meaning cut up or smashed up.

When using live menhaden, I suggest light tackle rigs made with stinger hooks fished around the beachfronts and shipping channels. Big kings are known for migrating into these areas during the month of August. Steep drops such as those located in shipping channels (Savannah River Channel, for example) hold lots of bait standing opportunities.

King and Spanish mackerel know how this feeding drill works. Slow trolling in these areas usually yield big king mackerel bites. If you see Spanish mackerel on the surface, it's very likely that large kings are holding in the outskirts. Another good baiting option is to catch Spanish mackerel, rig it up quick, and let it swim.

Bottom Fishing Fun

The bottom bite at the Savannah Snapper Banks is good during this time. However, to catch big fish you have to use the right big bait. Larger fish such as grouper, red snapper, cubera snapper, amberjack and cobia want live bait.

A fishermen needs to use live baits such as menhaden, sand perch, rock bass, scup, pin fish and ruby red lips. It's best to make sure your live well circulation pump is working properly and that the filter is clean. You want your bait lively and not shocked (stressed with a white milky appearance).

I suggest lip hooking any of these bait with a 13/0 circle hook rigged up on a Carolina style rig. As far as weight, I always use an 8-ounce egg weight and an 8- to 30-foot 100-pound test monofilament leader. Send this rig to the bottom, where the weight anchors it down. This allows the bait to seemingly swim free, putting it right in the big fish strike zone.

REELING IN A BIG ONE

he 25th Anniversary of the South Carolina Governor's Cup got off to a big start during the Georgetown Landing Marina tournament. Angler Dixon Pearce (left) fishing aboard Sportin' Life grabbed the stage by reeling in a 534.2-pound blue marlin (dwarfing the 465.3-pounder that won the recent Big Rock tournament). Boat owners Graham (right) and Manley Eubank are longtime participants in the billfish series and took the early lead in the first of five tournaments.



HOW TO BUY A BOAT, **PART THREE**

WORKING WITH A MARINE SURVEYOR

STORY AND PHOTOS BY ROB LUCEY



ost people wouldn't buy a house without having it inspected first. You don't know what defects might be lurking behind the walls, in the attic or under the floorboards, and inspectors are experts at finding unknown issues.

The same applies to a boat. When you're ready to make a major investment in your dreamboat, it's good to know about any hidden blemishes beneath her outward beauty. Inspectors for boats are known as marine surveyors, and they can easily earn their fee by alerting you to all of your target vessel's condition concerns.

Choosing Your Surveyor

While anybody might hang up a shingle and claim to be a marine surveyor, you want to make sure you have an expert who knows his her way around the boat from the masthead to the keel and bow pulpit to the rudder.

If you're working with a financing company (see next issue's installment of this series), the loan officer will usually want to see an appraisal survey to make sure the boat (which is usually the loan collateral) is worth what you/they are paying for it.

If you're insuring the vessel (see the Legal Lines column in this issue), the insurance company will want to know that your boat will remain safely afloat, as well as the fair market value for which to insure it.

With this in mind, your loan agent or insurance agent is a great place to start when selecting a professional marine surveyor. Either or both should have lists of approved surveyors in your area. If you hire someone who isn't on their lists, they may not accept the results of the survey.

If you aren't getting a loan or buying insurance, you'll still want to get a survey for your own enlightenment - unless you're a marine expert yourself and feel confident in your ability to discover all of the boat's flaws. Any hidden issues may provide grounds for further negotiations before closing the deal. If your surveyor finds a fuel tank dripping into the bilge, for example, you might ask the seller to have the leak repaired or reduce the price enough to cover the repairs.

The survey also provides an excellent starting point for your project list (every boater has one of them) after you close the deal.

Without a recommendation from an insurer or financer, your next best bet is to ask your boat broker or fellow boaters for a recommendation.

If you have no recommendations, you can check the listings on professional accrediting organizations' websites.

The National Association of Marine Surveyors Inc. has a member database that can be searched by state and type. (The latter criterium is helpful since you might not want to hire an expert in surveying cargo ships to inspect a yacht.) NAMS was established in 1962 to certify surveyors and provide continuing education opportunities.

The Society of Accredited Marine Surveyors Inc. has a list of its members that can be searched by city, state or zip code. SAMS was founded in the 1980s to provide information and training to those interested in the profession and suggest standards for technical procedures to members.

As you narrow down your choice of surveyors, talk to them and ask about cost, how long the inspection will take and which standards they use. Most common are U.S. Coast Guard, American Boat and Yacht Council and National Fire Protection Association – all of which have written codes for everything from proper emergency gear and buoyancy to correct wiring and other safety requirements.

Let the surveyor know the type of survey you want (insurance value, appraisal, pre-purchase or some combination of the above).

What to Expect

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Once you've hired your surveyor, you'll want to schedule a time through your broker or the boat owner for the surveyor to visit the boat. For a complete survey, that visit will include a sea trial, a trip to the yard for a quick haul out if the boat is kept in the water, and plenty of time to poke around every locker, compartment, nook and cranny of the vessel. For sail craft, the best surveyors will climb the mast to inspect all of the standing rigging. In some cases, a surveyor might recommend services at an additional charge for such things as moisture metering, ultrasonic testing or corrosion tests.

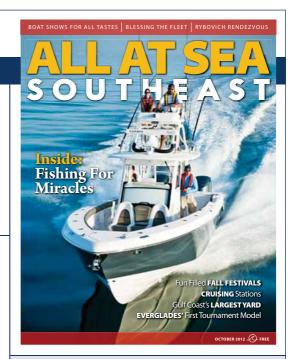
If at all possible, you should be present during the survey. While most surveyors take plenty of digital photos these days, a snapshot doesn't compare to a surveyor pointing out the blisters he finds during the haul out and explaining whether or not they should be a matter of concern. It is also an excellent opportunity to learn a lot about the boat you're hoping to buy, and it may be your first opportunity to be onboard while it is underway.

After the survey, the surveyor should compile a thorough written and illustrated report of his or her findings. The report provides the surveyor's professional opinion of the boat's condition and/or value, but it is not a guarantee. There is always a chance that even the best surveyors can miss something in an inaccessible area of the boat, but the odds are your vessel will be much safer once you've addressed any and all of the issues your survey finds.

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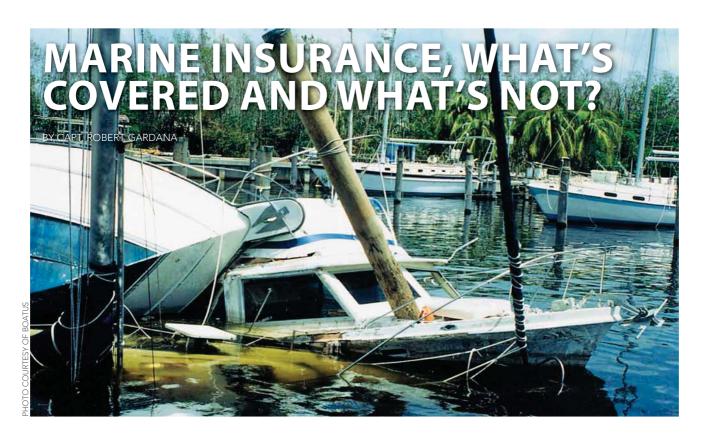
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hat would happen if your boat and personal property aboard were damaged or suffered a partial or total loss due to an accident, theft or storm? Your homeowners' policy may provide limited coverage of typically no more than \$1,500 to pay for loss by theft or physical damage to a small boat, it's outboard motor, trailer, and any other equipment or accessories. But many limitations apply and often require that the theft occur from your home. To adequately protect against loss or damage to your boat and its equipment, you must purchase a marine insurance policy.

Deciding what type of marine insurance to purchase, the limitations, conditions, and exclusions which may apply can be daunting. Selecting a knowledgeable marine insurance agent is imperative. Agents are equipped to deal with many exposures including hurricanes, lightning damage, crew injuries, groundings, fire, theft, sinking and the like. But navigating through and understanding a marine policy before a loss occurs is always the owner's responsibility.

The first step in obtaining marine insurance, whether it is for a 17-foot boat or a 100-foot yacht, is to ensure that every aspect of the policy application is 100 percent accurate. The law surrounding marine insurance starts with the application. In maritime law, the owner has the duty to provide accurate information about the vessel, owner(s), operator(s), yachting experience and competency, intended territory and use, mooring location and condition of the vessel, under the

concept of uberrimae fiedi (Latin for "utmost good faith"). Under uberrimae fidei, a material misrepresentation on an application for marine insurance is grounds for voiding the policy. A misrepresentation - even if it is the result of "mistake, accident or forgetfulness" - is attended with the rigorous consequences that the policy never attach and is void.

A misrepresentation is material if "it might have a bearing on the risk to be assumed by the insurer." Materiality is "that which could possibly influence the mind of a prudent and intelligent insurer in determining whether he would accept the risk."

Uberrimae fidei does not permit the use of the principles of waiver and estoppel to provide coverage where there has been a material misrepresentation on the application. This concept of law is often employed by marine insurers following a loss where the insured misrepresented the "number of years boating" in a collision case, "intended location of berth" in a theft case, or "the condition of a vessel" in a sinking case.

Typically, a private pleasure craft policy is written as an "all risk" yacht policy, which covers all perils, with a few named exclusions. In finding the right coverage for your boat, you should first review the deductibles, which will be your out of pocket expenses, in the event of a loss. Many policies provide for a "hull" deductible and a lower deductible for tenders, personal effects (fishing gear) and electronics. This is highly significant, as hull exclusions differ greatly from policy to policy and some "all risk" policies will not provide property damage coverage for any loss or damage caused

by or resulting from wear and tear, electrolysis, lack of maintenance, corrosion, deterioration, mold or fiberglass blistering or manufacturer's defects. This is an important section of your policy to read and re-read.

Another form of coverage is the "named perils" policy, which is generally used in a commercial context. It is important to note whether your marine insurance policy is a "stated value" or "fair market value" policy. In a "stated value" policy, in the event of a total loss, the hull and engines are valued as set forth in the policy. With a "fair market" value policy, only the fair market value of the vessel and engines is paid in the event of a loss. In the later case, what started out as the original purchase price of your vessel may drop dramatically within a few years due to depreciation, and essentially becomes a hidden deductible above and beyond your stated deductible.

Another important concern is the policy navigational limits. Your insurance carrier may require that your yacht is north of a location on the Eastern Seaboard during hurricane season. These are typically called "north/south warranties" or "snowbird" endorsements. Navigational limits are particularly important if you are traveling to the Bahamas and your policy does not include the waters of the Bahamas. Usually, an endorsement may be purchased for the Bahamas by contacting the agent. The effect of having a loss in a non-covered territorial area can be devastating, as your vessel may be covered when it left the U.S. port, but as it navigated into Bahamian waters, coverage for your vessel is suspended only to be reinstated as it re-enters U.S. waters.

If you have a paid crew on your yacht, even part-time, convey to your agent the number employed, responsibilities onboard, position held, whether licensed and up-to-date, the captain's and/or crew's prior experience, including loss history. The insurance carrier will pay for your liability, up to the amount of stated coverage on your declaration page, to be paid to your captain or crew in the event of injury or death, as required by the Jones Act, General Maritime Law, or Death on the High Seas Act.

Another item to determine is coverage for pollution. If covered, the policy will likely read: "We will pay sums a covered person is legally obligated to pay as damages for bodily injury, property damage, or pollution that result during the policy period arising out of the ownership, use, or maintenance of your yacht."

This means you have coverage for pollution up to the full limit of your liability - which under the Coast Guard & Maritime Transportation Act of 2006 has a statutory limit of the greater of \$950 per gross ton or \$800,000. A pollution claim can result if you have an accidental fuel spill and, as owner, by law, you become liable for the cost to contain and clean up the spill. Coverage, depending on policy wording, may also be available for fines and penalties.

Some yacht policies offer coverage, up to a certain dollar amount, for safeguarding and/or hauling out your vessel during named storm watches or warnings. Generally the coverage exclusions are clearly stated in your policy.

TYPICAL EXCLUSIONS ARE:

- Overheating of engines
- Corrosion or rust
- Weathering
- Marring
- Scratching
- Chipping
- Denting
- Damage during repair or servicing
- Normal wear and tear
- Gradual deterioration
- · Mold, infestation or damage from insects, vermin or marine life

USUALLY THE TYPE OF EXCLUDED PROPERTY IS:

- Beverages and other perishables
- · Cameras or video recorders
- Cellular phones
- Clothing
- Food
- Jewelry and other personal articles
- Para-sails, hang gliders or other devices designed for flight
- Portable televisions
- Stereos, tape decks or other instruments for recording or reproducing sound
- Scuba and other diving equipment
- Sails, masts, or spars while boat is operating in an official race or speed contest
- Watches
- Water skiing equipment

Hence, as you can see, purchasing your marine insurance policy can be as important a decision as purchasing your vessel. All boaters, regardless of experience, should read their policy to determine the coverage available under the policy and the exclusions which apply. This is the responsibility of a prudent boater before a loss occurs as after a loss, it may be too late!

Capt. Robert L. Gardana is a licensed U.S.C.G. master and maritime attorney for over 30 years (website: www.BoatLawyer. com). If you have a question you would like to see addressed in a future column, e-mail it to Gardanalaw@gmail.com.

PARKER MARINE ENTERPRISES

A REPUTATION FOR CLASSIC STYLE AND GREAT OUALITY

STORY AND PHOTOS BY HELEN AITKEN

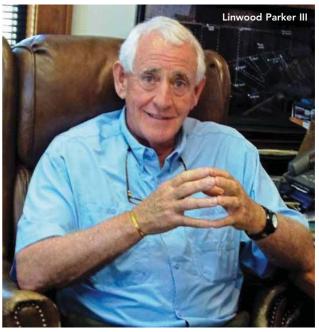


inwood Parker III grew up around boats, always wanted to work on the water, and attributes his career to his upbringing on Harkers Island, N.C., an ■area historically famous for boat building. "I had the advantage, in the 50s, growing up on the island where there were probably two dozen people who could - just from an idea or a length and a width basis - build a boat, and some of them wouldn't even put it on paper. You'd just cut the keel stock, the stem and frame it from that."

He grew up working on backyard trawlers before heading to school.

"When I first came back from college, I did what was known as post-engineering, which was going in and documenting what some of those guys had done," says Parker. "They didn't have the ability to work from drawings, so I would go in and draw it for them."

Today, this family-owned business is in a 250,000-squarefoot production facility in Beaufort, N.C., about 25 miles from his hometown. It produces on demand about 450



mid-range classic style, sportfishing boats a year. Parker Marine makes three styles: Center Console, Walkaround and the Sport Cabin.

"Our boats look good, with classic designs, built heavily so it's going to last," says Parker. "It has a lot of endurance and it doesn't go out of style. We chose to build 18- to 34-foot boats. From a manufacturer's stand point, we can put a big boat together just like a small one, it's just more steps. This puts us in a niche and we know where our market is. Our dealerships can work comfortably with these boats and we choose the dealerships that are compatible with our philosophy."

Parker Marine boats are more expensive than entry level vessels. "We're not looking to be a custom builder; most of our clients have owned four boats before realizing that a Parker boat is the one to have," says Parker. "We have earned the reputation for a quality product, you don't have to spend a fortune to purchase one, and it's a pleasure to own because it isn't difficult to maintain. It has everything on it that you need but at the same time, nothing you don't."

All the accessory parts like padded seats, electronics and fishing towers are made in the United States, shipped to Parker Marine for installation and a boat is typically finished in six weeks. With tough standards, Parker Marine Enterprises boasts less than 1 percent in factory warranty claims.

The hulls have enough sheer and flare to make it es-

thetically pleasing. Avid fans follow the products and share their ideas and stories on an owners' website, www. classicparker.com. One change came when customers requested color options for the boats. "It used to be that customers could pick any color, as long as it was 'Parker white'," says Parker laughing.

Even the industry identifies this beige-white color as "Parker white." Since UV radiation tends to oxidize (fade) dark colors, especially in southern climates, Parker Marine didn't use them. At the customers' behest, fade-resistant pale colors were developed. Parker colors now come in yellow, blue, green or "white/white."

Since 1969, Parker Marine has seen four economic downturns, with the mid-range boat market taking the worst hit. At one time, the facility produced almost 1,000 boats a year. Currently, some states, like California, have few sales while Texas sales are booming. Other factors affecting the industry, according to Parker, include regulations, taxes, health care for employees and biofuels. These increase the bottom line, which eventually is passed on to consumers.

Nevertheless, Parker Marine looks for ways to enhance their boats to bring in more clients, while creating an exceptional product. The company sticks to the mantra of simplicity, strength and seaworthiness. Parker boats are tough enough for commercial use, university research, the armed forces, and recreational or high-tech sportfishing worldwide.



THE TRANSPARENT BOATYARD

BY DOUG SIMMONS



t's not always easy to find the right yacht service provider. In a worst-case scenario, a botched repair or refit can result in significant funds being wasted and additional work being needed to fix the yacht the way you wanted it in the first place.

"Costs are very important right now to owners, captains and crew, so it's vital that they have a relationship with a service provider that is responsible for everything they do while delivering superior service, quality work and competitive pricing," said Dennis Foster, founder and CEO of Foster's Yacht Services in Fort Lauderdale.

Seeing a need for greater accountability when dealing with projects that can cost millions of dollars and take months to complete, Foster's created a web-based tool that allows its clients to monitor progress anytime they wish, from anywhere in the world. Since implementing the interactive project-tracking system four years ago, the company has used it on about 60 jobs. Response has been enthusiastic.

"Our web-based tracking tool is unprecedented. It really puts our client's minds at ease during the project,"



said Foster. "It keeps them informed with the most up-todate photos and schedules, so they don't have to call all the time or travel back and forth to Florida to see what's going on."





It works like this: As soon as they sign a contract with Foster's, patrons are given card access to the private sector of the company's website. Each project gets its own page with a unique login code and password.

Each custom web page includes the project schedule, broken down by week, with line items for the specific tasks for that week and whether each one is "in progress" or "completed." A status bar at the bottom indicates if the project is on schedule or not.

In addition, dozens of images of the boat are taken before, during and after each task, documenting the work and describing each step along the way through detailed captions. "You need good documentation with clients of this stature," said Foster. "A picture is worth 1,000 words. They can see what's going on at every stage and, since I came up as a repair guy, I can talk them through the steps as needed."

Foster and his director of marketing and social media, Christopher Savage, are the ones who take the photos and upload the content to the web pages. They also record video on occasion and will post these as well. The next inspiration, said Foster, is to install cameras in the boatyard for live streaming during working hours, so clients can watch their repairs take place in real time. He expects this to be up and running in about six months.

The benefits of the interactive project-tracking system are many, said Foster. Aside from the comfort it can afford the boat owner, it can also help brokers, surveyors, manufacturers, insurance companies and captains who have an interest in a particular project - especially one involving a recent or pending sale, or a warranty or insurance claim.

"I can send the same web link to all the parties involved, and they all have access to the same information in one place," Foster said. "For example, if I'm doing a job on an Italian boat that needs warranty work done, the manufacturer can see everything online. They never have to come to the yard. It relieves pressure for me and instills confidence for them."

Foster sees the project-tracking system as an outgrowth of his desire to provide a boutique yacht services experience. "I manage every project. You talk to one guy. I get your project scheduled, you watch it on the Internet and we're done," he said. "It's convenient. It's personal. It's comfortable."

Because Foster's clientele can include affluent businessmen, athletes and entertainers, the anonymity provided by the new tracking tool is another benefit, said Foster. The company handles a lot of repairs and refits for these and other customers, but also does boat modifications, customization and upgrades - even completely rehabbing older yachts.

Foster oversees his team of yacht repair specialists from the company's location at Lauderdale Marine Center. The largest marine facility in the U.S., Lauderdale Marine Center offers 50 acres of working space and the ability to haul out boats from 15 to 160 feet.

TEACHING FUTURE BOATBUILDERS

STORY AND PHOTOS BY HELEN AITKEN



orth Carolina's Carteret County is famous for its history of wooden boat making. It is also home to some of the best boatbuilding educators. Boatbuilding programs are scarce. Traditional wooden boatbuilding and composite construction programs sanctioned by the Accrediting Commission of Career Schools and Colleges are found in Rhode Island, Maine, Michigan, Washington, Hawaii, Louisiana and North Carolina. Most of these states have only one college accredited program.

North Carolina has two community colleges with degrees and certifications. In January of this year, Carteret County Schools launched a Local Course Option in Boat Building I. It took two years to get the curriculum written and approved by the N.C. Department of Public Instruction. The state now boasts what may be the only three high school boatbuilding classes in the nation.

Carteret County is home to more than 25 boatbuilders, not including the generational family builders. With a dramatic decrease in commercial fishing but a simultaneous increase in the modern recreational boating and sportfishing industries, the boating industry needs better-trained workers each year. Most jobs train on site, but higher paying jobs require education.

Boat industry representatives and educators developed the high school program for students hoping to generate further interest in college training. Businesses like Atlantic Veneer and local hardware stores support college and high school classes with donations or discounts on materials, and boat sale proceeds go back into the programs. Boat Building I builds on core carpentry classes and drafting using computerized Rhino 3-D modeling.

All three high schools and both community colleges were represented in the sixth annual Beaufort National Boatbuilding Challenge in May where competitors were judged on building a rowboat in the allotted time and then rowing it across in a race.

Croatan High School

Bobby Staab's 12 students teamed up with Southport, N.C.based Enviboats to build a 19 Redfish Flats as a class project. It's a Carolina style fishing boat for shallow water with poling platform, a slight V bottom, and an 11-inch draft. The students built it with Douglas fir hull, with a mahogany transom, rubrail, toe rail and console trim in a high gloss finish. The boat will be finished next year and is already sold.

"This is the kind of boat that, when you stop, people want to ask you all kinds of questions," said Staab. The company provided blueprints and technical advice. As the boat progresses, the class posts photos and comments on www.enviboats.com.

Staab approaches the class like a typical boat company, using blueprints and encouraging improvisation. Students Cody Guthrie and Dylan Christensen designed a steam box for bending wood. "The kids thoroughly enjoyed learning a skill very viable in Carteret County," said Staab. "They see they could do this in their garage. They can use basic tools, find boat plans and build it. Now they know they can do it."

Staab, a self-taught boat builder, is also competitive. His team won the Beaufort boatbuilding challenge, qualifying them for the National Boat Building Challenge in Georgetown, S.C., in October. Staab and his teammate broke the building speed record, completing their rowboat in 2 hours, 24 minutes.

West Carteret High School

Dan Varner's six students need little instruction on boat building; they are seasoned carpenters as they form the bow's hull strips without the benefit of blueprints.

The boat mimics a 22' Carolina skiff with a slight V shape, lots of shear and flare showing an S curve between the tumblehome and flare. The center console and most of the boat is juniper, with okoume and marine plywood sandwiching fiberglass mats for the bottom. "Juniper is a natural born boat wood, flexible and can create extreme curves," said Varner. "It sands easily and is soft, so be careful not to go too far or you have a hole in your boat."

Ladder frames for the interior were built on the workbench and plywood molds were cut to shape the laminated ribs. The wood frame has laminated Juniper planks using traditional Carolina techniques, eventually covered with fiberglass. "We're cutting and fitting the old fashioned way," said Varner.

"This is the second big boat built in class. The first one was a 32' fishing boat built on paper," said Varner smiling. "The kids didn't think it'd go through the door because the cabin was on it. I made them drop a level and measure it. There was an inch on both sides to get it out the door." Sea Grapper took two years complete and launched in 2008.

Tim Varner, an engineer, designed the boat the classes are working on. He paid for all the materials and will take ownership when it is finished next year. "These guys are using geometric principles everyday and in some cases they realize what they're using," said Tim Varner.

East Carteret High School

ECHS has the most basic class, and the only one to begin, finish and launch a wooden boat in one semester. Heber Guthrie teaches using a lifetime of Harkers Island boat building experience.

On a field trip to the N.C. Maritime Museum in Beaufort, Guthrie's class examined a 1923 Core Sound Spritsail Skiff, a local version of a New England Sharpie used for harvesting oysters. They recorded its dimensions, details and recreated it in class without a motor. Using two full sheets of plywood, the 20-foot boat was drawn. On scrap wood, they established their table of offsets, similar to the "old ways." Guthrie insisted they learn about early boats because sails powered boats for thousands of years.

"If they build this, they can build any boat. Until they put their hands on it, they aren't going to know," he said. "It's easy to build another man's boat. I want them to learn how to build their own style."

The boat is wood except for galvanized bolts, stainless steel screws with fasteners and marine adhesive. Okoume



Teaching Future Boatbuilders

is used for the centerboard, rudder and seats, with a white oak stem. Juniper is used for the rest, and the two masts are Douglas Fir. The centerboard has three lead disks added to the bottom for weight, with a hole at the opposite end corresponding to a hole in the trunk for a wood dowel locking it in place.

It has a deadrise, slight V bottom, limber holes, a bumper on the side, and a cap on the top edge that drains water when the boat is tilted. There are two seats, a cockpit at the stern with storage space and four pairs of wooden cleats.

To The Moon was christened and launched on June 3. The name stuck after Heber Guthrie told the students "It isn't rocket science to build a boat." The vessel proved its seaworthiness as all 10 students joined Guthrie in the boat. The boat is available for sale.

Next semester, two female students will join the class.

Cape Fear Community College

North Carolina's college boatbuilding programs are industry progressive and incredibly affordable. The N.C. legislature sets the cost each July. Based on 2012-2013 tuition, in-state students pay about \$3,200 to complete the diploma program while out-of-state students pay about \$11,900. Certificate programs run about one-third the diploma fees.

Diploma programs require computer literacy, math and communications classes. An advisory committee of industry professionals guides and revises the programs, based on industry needs. Students graduate with state of the art experience, ready to create complex designs using various materials. Both curricula use textbooks with American Boating Yachts Council booklets and handouts. Students have the option to take the ABYC certification exams.

Located in Wilmington, CFCC's boatbuilding class (cfcc. edu) is ranked second in the nation by some experts. It has two three-semester, diploma programs:

- The Wooden Boat Building program focuses on classic techniques, traditional lofting, reading blueprints, setting up jigs and structural timbers, planking, wood joinery, and includes yacht-rigging systems. It provides a mastery of wooden construction and skills, beneficial for other professions like furniture construction and cabinet making.
- The Boat Manufacture and Service program concentrates on composite construction, fiberglass techniques, marine paints and finishes, engines, electrical and plumbing systems. Jobs prepare students for boat manufacturing, repairing creating custom boats, working in a dealership, or becoming yacht brokers.



Instructor Marc Bayne was in the first Cape Fear boat building class of 1978. He worked in the industry until 2012, when he began mentoring students. His emphasis is on the boats with Carolina heritage, and the goal is to loft, build and launch a boat at the end of the program. Twenty percent of each day is in class and the rest in the shop. "I used to juggle people and boats at the same time, so it was a great transition into teaching," says Bayne.

The college receives donations for student scholarships but has no industry sponsors. Two wooden boats currently being built are a 19' Core Sound Sharpie and a classic 20' Carolina Spritsail Sharpie.

The Core Sound Sharpie has a white oak frame and deck beams, with juniper planking. The stem is formed in sapele, an African tropical wood alternative to mahogany, with meranti and okoume plywood in the bottom and seats. The edges are sealed with Dynel fabric and epoxy, then brushed and rolled with paint. It will be gaffed rigged with two sails and a 4 or 8 hp motor.

Student Joe Neff from Virginia is a CPA ready to do something else. After the wooden boat course, he will start the manufacture and service program. "The wooden boat bug has bitten me," says Neff. "At worse, this would be a new hobby and at best, I'll start building boats. This is keeping a valuable link to history."

Neff chose Cape Fear over a program in Maine because, "The winters in Wilmington are better ... and the instructor, Marc, sealed the deal with his knowledge of boat building. Compared to the Landing School and even with out-ofstate tuition, Cape Fear is approximately one-third the cost. So it's a good value for the money."

Carteret Community College

CCC's Marine Training and Education Center (ncmartec. org) is in Morehead City. The Boat Manufacturing and Service Technology curriculum includes diploma and certificate programs in Composite Boat Manufacturing or Marine Services with electrical, plumbing and engine installation. Diploma programs include basic woodworking, lofting and hull and deck construction. The certificates for Marine Propulsion Systems or Composites and Services have 3-4 concentrated classes.

"We teach all aspects of the industry," says coordinator and instructor Bryan Gray, who took the boat manufacturing classes at both CCC and CFCC before working in the commercial boat world for years.

"I like seeing the light bulb turn on," Gray says of the students. "I like the teaching part of the program because I can sit down with a student and help him to understand the concepts." Special needs students have a place here. Gray



finds out their interests and strengths then modifies their program, i.e., someone in a wheelchair becomes proficient on the 3-D modeling Rhino program.

There are 35 students enrolled, with six students in the wooden boat class. Some students want the experience without getting the certification; they take the one-semester wooden boat instruction to build a boat.

One boat built this semester is a 12' Carolina Bateau, the same design for the rowboat building challenge. It has a flat bottom with Juniper planks and a Douglas fir stem. The bottom, stern, and seats are okoume.

The budget is so small that the program wouldn't make it without donations from local sponsors and boat sales. It's typical when a boat is finished that special orders come in for the students to build, like a plank-laminated kayak with exotic woods in a high gloss finish.

Gray is excited to have boat builders call for students to fill jobs, but there are mixed emotions in counseling students: taking a job vs. finishing the program.



har' she blows! Leading forecasters predict a very active hurricane season for 2013. Colorado State University's Hurricane Forecast Team expects 18 named storms between June 1 and Nov. 30, nine of which are expected to become hurricanes with sustained, low-level winds at least 74 mph. These experts anticipate four of those hurricanes to evolve into intense (category 3-5) blowhards. The season got off to a quick start with two tropical storms forming in June.

An active period is expected to continue for another decade or two as Atlantic hurricanes go through multidecadal cycles followed by quieter time frames, similar to the quarter century periods of 1970-1994 and 1901-1925.

While individual hurricane landfall events cannot be accurately forecasted months in advance, the total seasonal probability of landfall can be predicted. The entire U.S. coastline has a 72 percent chance of having at least one major hurricane hit land this year. Average landfall for the last century was 52 percent.

Three climate factors that strongly control Atlantic hurricane activity are expected to come together to produce an active or extremely active 2013 season: continuation of the atmospheric climate pattern, which includes a strong West African monsoon that is responsible for the ongoing era of high activity for Atlantic hurricanes that began in 1995; warmer than average water temperatures in the tropical Atlantic Ocean and Caribbean Sea; and the fact that El Niño is not expected to develop and suppress hurricane formation.

Weaker wind shear, warmer Atlantic waters and conducive wind patterns coming from the Atlantic also contribute to the oceanic and atmospheric conditions in the Atlantic basin to produce more and stronger hurricanes, but it only takes one weak, slowly-moving category one storm to wreak complete havoc with a potent storm surge and cause widespread coastal and inland flooding (remember Isaac?).

"There were five hurricane seasons since 1949 with characteristics most similar to those listed," says Philip J. Klotzbach, a research scientist at the Department of Atmospheric Science at Colorado State University. "These five years are 1961, 1996, 2005, 2007 and 2011. We anticipate that the 2013 hurricane season will have activity in line with what was experienced in the average of these five years."

With the devastation of Sandy still fresh in everyone's minds, it's important to note that tropical storm and hurricane impacts are not limited to the coastline or to the Gulf of Mexico. Hurricanes absolutely will travel up the east coast to highly populated areas like New York and New Jersey. Strong winds, torrential rain, flooding and tornadoes often threaten inland areas far from where the storm first makes landfall.

Forecasting Accuracy

"The track or direction for forecasts has greatly improved in accuracy over the past 10 years," says Tim Osborn, regional navigation manager for the office of coast survey for National Oceanic and Atmospheric Association. "But the intensity of the storm and the timing are a little less accurate."

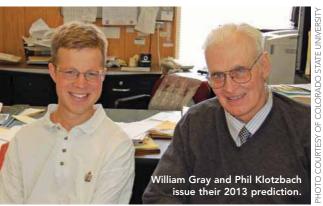
Each year millions of coastal residents become glued to the tube, following that little black line that tracks the storm's direction, its intensity, and how long it will take to hit ground zero. However, myopically focusing on that black line clouds perception if your boat is 100 miles away.

"Katrina landed on the Louisiana/Mississippi border, but impacted boats as far away as Bayou La Batre in Alabama," Osborn says.

The scope of the storm can span 100 to 200 miles from the track. Hurricane force winds will affect your boat well before landfall, with tropical storm force winds and storm surge 12-18 hours before landfall.

"Get 100 miles away from where it's coming and then double that distance," Osborn says. "A hurricane affects 100 miles of coastline and Wilma's circular motion covered three counties, from its center, 50 miles in every direction."

Marine Safety Information Bulletins are issued with NO-AA's projected timeframes 96 hours prior to landfall. MSIB's are based on the storm path and projected impact and are revised every 12 hours. Private boat owners should not be on the water when the port and waterways are closed. Some



2013 HURRICANE NAMES

Andrea	Humberto	Olga
Barry	Ingrid	Pablo
Chantal	Jerry	Rebekah
Dorian	Karen	Sebastien
Erin	Lorenzo	Tanya
Fernand	Melissa	Van
Gabrielle	Nestor	Wendy

Dark and Stormy

bridges are closed when winds reach 25 to 35 miles per hour.

The forecast provides days to move your boat inland. You should know how long it will take to fuel and relocate your vessel, or how long it will take you to buy extra lines, travel to the boat, tie her down, cross your fingers, return home and evacuate.

Billions in Marine Damages

Damage to recreational vessels as a result of Hurricane Katrina exceeded \$1 billion. Only about \$400 million of those damages were actually insured. Katrina's losses far surpass 2004's hurricane total of about \$330 million in damages, as well as the \$500 million in losses attributed to 1992's Hurricane Andrew, which was the single, most costly natural catastrophe to affect recreational boating until Katrina. Threefourths of the marinas along 150 miles of the Gulf Coast were destroyed in Katrina.

The overall catastrophic economic impact of Hurricane Katrina is nearly incomprehensible. "Insurers paid more than \$80 billion to 1.7 million U.S. policyholders in six states after Hurricane Katrina struck in August 2005," says Klotzbach, who estimates the cost of Sandy to be less, at about \$50 billion.

Wind and Waves

The worst day of the hurricane season is historically Sept. 10, with the month of September producing the most storms during the August-October peak season. Seven of the 10 most expensive hurricanes in U.S. history occurred between from August 2004 and October 2005: Charley; Ivan; Frances; Jeanne; Katrina; Rita; and Wilma.

PROPER PREP

PROTECTING YOUR BOAT FROM STORM DAMAGE

A hurricane has two elements: wind and waves. Remove one of those elements and your vessel has a better chance surviving the storm.

It's difficult to remove the wind element, but you can move your boat out of the water or away from the range of the storm surge to mitigate the wave element for better odds of escaping damage.

If you're at sea and the storm is coming from the east, try to get to the westerly side before it comes close or beeline for a hurricane hole. That's a place to safely moor your boat where it will be sheltered from the wind and sea.

If you're not at sea, get inland or on the hard with anchors in the ground. "If you tie down the boat, it won't tip over," says Capt. Dean Kubitschek of Fort Pierce Municipal Marina.

Even if the vessel does fall, it will still fare better than banging against a concrete dock for hours. In the battle of fiberglass hulls versus concrete docks, concrete always wins. Boats stored ashore on high ground are far more likely to survive than boats in the water. If possible, have your boat hauled by the marina. Trailerable boats should be relocated and secured as far as possible above the anticipated storm surge.

Sometimes boat yards upriver offer annual contracts for storm haulouts. The farther inland you can get, the better off you are. However, don't wait until the last minute to find a yard. It's first often come, first served.



Regardless of the forecast, the storm that actually hits is the one you need to be prepared for, so you must take every storm seriously. Building codes for wind damage changed and improved after Andrew, but the lesson learned from 2012's Isaac is that even a minimum, slow-moving tropical system can produce a potent, strong surge rendering lowlying, coastal areas completely helpless.

"It doesn't matter how many hurricanes are named and the category of the storm has nothing to do with the damage caused," Osborn says. "If you are hit by one slow moving storm that has a huge storm field and are exposed to open water conditions and are not protected by a good levee system and are in a low lying area, storm surge will come to your front door. There is a threat with coastal flooding penetrating inland and taking out housing with low elevation. Isaac was a

shocker with big time damage in southeast Louisiana."

Osborn morosely reminisces on Katrina, which turned from a cat 2 to a 5 in 24 hours and Ike, which never went past a 2 but kept growing in size, producing a 19-foot surge.

"In 1969, Camille had a 24.4-foot storm surge and was a category 5," he says. "But in 2005, Katrina was a category 3 with more storm surge than Camille, at 26 feet."

The slow progress of a storm and its large size are the major factors to watch in the amount of storm surge and flooding.

"Isaac was a real wake-up call – a big shocker," says Osborn. "LaPlace, Louisiana had 7,000 homes under water from Isaac. How these storms react in an area is very important. Weak systems can be very problematic. Almost a year later, we haven't recovered much from the Isaac experience and those same homes are still vulnerable."



If you must leave your boat in the slip where it's normally docked, review your dock contract for language requiring you to make certain preparations when a hurricane threatens. Ask the marina manager about their hurricane plan. You should also have a hurricane plan for your own vessel to avoid last-minute improvisation.

Many insurance companies now require boat owners to provide a storm plan. Make sure you do what your plan says you're going to do. If not, your hurricane claim may not be paid. (See this month's Legal Lines column for more insurance tips.)

If your boat is in a slip, check that the docks and the boat will not rise above the pilings when the storm surge comes. If the storm surge comes during high tide, docks could float right off the top of the pilings or seawall.

"If you value your boat, buy a new set of lines for \$150," Capt. Kubitschek recommends. "Do the math. The deductible on a boat is 10 to 20 percent of the value of the boat. Lots of boaters are too damn lazy to replace worn lines on a vessel that costs \$50,000 to \$200,000 and then pay thousands in claims and aggravation."

Double up the lines and use your bow lines, stern lines, spring lines and breast lines. Put out a bow and stern anchor or even a double bow anchor. The more scope in the lines, the better. That compensates for the rising and falling of the tide and the long scope allows the vessel to move with the surge while staying on station. If the lines aren't long enough, with adequate scope, they'll rip off the cleat on the dock or rip off the cleat on the boat or even capsize the boat.

Take a moment to look at the dock. If the cleats have no backing, you're in trouble. Few boaters climb

under the concrete dock to see if the bolts are secure in the first place.

Consider disconnecting shore power before the storm hits, with a fully-charged battery. Turn off all breakers except the bilge pump. If you're on a concrete floating dock, use some anti-chafing protection at the eye on the cleat of the dock.

Take down all bimini tops and stow all cushions. Bimini tops are not constructed to withstand hurricane force winds and are a common cause of needless damage. Anything that can become a loose projectile should be taken down and stowed.

Secure all hatches and duct tape them down. Just because the hatches are closed doesn't mean they'll stay closed in the wind. Remove and stow poles from bimini tops or secure them with wire ties or duct tape a few days before the storm.

Document the efforts to secure your vessel. "Video or photograph your marina and how your boat was tied up," Kubitschek advises. "Show that your boat was in a desirable slip, in case of catastrophic damage. If you damage a dock, you and your insurance company are responsible."

Sailboats that leave furling jibs up won't get relief from insurance companies.

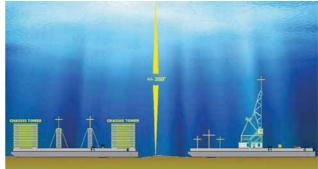
"Ideally, if a vessel is not being used, the owner should remove the sail from the roller," says Steve Bogner, manager for City of Miami Beach Municipal Marina. "As furling jibs get older, they develop little concave pockets and air trapped in the pockets works the sails loose. Once the wind is in the jib, it's going to go up."



he S.C. Memorial Reef has been in the planning stages since 2009, with organizers raising funds to put in place a new artificial reef starting in August at the offshore location in 350-feet of water. The premise of the Memorial Reef is to provide a protected fishing area for the loved ones of offshore enthusiasts who have passed away.

The offshore fishing community has been holding fund-raisers each summer at the Governor's Cup Billfishing Series. Each year the S.C. Memorial Reef auction coincides with the Carolina Billfish Classic at Toler's Cover Marina near Sullivan's Island. Gold Bug Island is the site of the event, which includes food, drinks, a band and a lively silent and live auction for the sake of bluewater conservation.

A recent \$50,000 donation from the S.C. Governor's Cup Advisory Board to the S.C. Memorial Reef led a flurry of donation activity. Offshore boat owners are stepping up like Gage Blue from *Sadie Beth* who donated 19 shipping containers to the reef project. The value of the containers is \$16,500, but the long-term value of these as artificial reef structures on the ocean floor is immeasurable. John Hill from *El Tejano* contributed \$10,000 towards the cost of towing the materials out to sea.



Stevens Towing is donating time to weld much of the donated structure together before towing it to sea. August offers the calmest window to undertake the project, which will include at least a day or two of towing. Items like a crane and radio tower will provide the vertical structure that is essential for the baitfish inhabiting these artificial reefs. Two 270-foot long barges will be sunk to serve as the footprint for site.

Many individuals have donated time and energy toward establishing this offshore fishing spot that will benefit generations of offshore anglers. Capt. Stevie Leasure, co-owner of the sportfisher *Summer Girl*, is one of those dedicated

volunteers. He frequently stands in front of an audience to make a pitch for donations towards the reef, and serves as the point man for the reef.

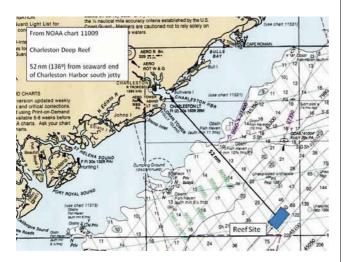
The reef is a Type II MPA, or Marine Protected Area. The area is located more than 50 miles out from Charleston, and is a 4- by 6-mile area that has been approved by the U.S. Army Corps of Engineers and the South Atlantic Fishery Management Council. The S.C. Department of Natural Resources now holds the reef permit. When completed, it will be the deepest reef on the Atlantic Coast.

This type of MPA is designed to create habitat on a bottom where previously there was very little. Then the regulations state that the bottom area will be off limits to fishermen. However, this type MPA does allow for offshore anglers to troll across the MPA in search of pelagic species. Potentially it's a win for the continuing bottom fish recovery, and offers a new area of productive bluewater fishing.

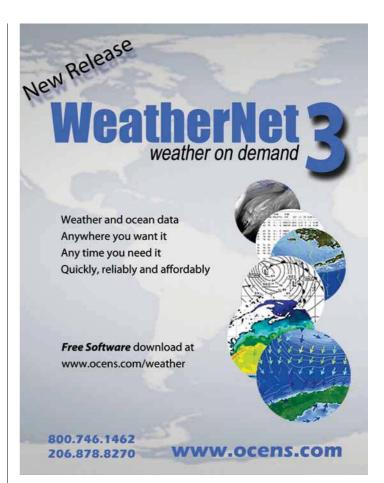
Robert Martore is the SCDNR artificial reef project coordinator. He endorsed the reef in writing, calling it a oneof-a-kind project that will serve as a lasting memorial, an exciting research project for the future, and an environmental benefit.

The S.C. Memorial Reef may help reveal if deepwater artificial reefs play a role in replenishing and protecting the ocean's fish. During final preparations, Cooper Iron Works welded special iron crosses bearing the name of loved ones to the reef materials. The cost for a cross is \$200. For options about how to contribute visit www.scmemorialreef.com.

Jeff Dennis is an outdoor writer and photographer who grew up on a creek in Charleston loving the saltwater. He contributes regularly to All At Sea Southeast. Read his blog at www.LowcountryOutdoors.com.



The reef will be created approximately 50 miles offshore from Charleston.





OPERATION KID FLOAT SPREADS SAFETY MESSAGE

BY GLENN HAYES

ooner or later in our boating ventures, law enforcement officers will stop us and check our vessels for all the necessary safety equipment. If we are lacking any of the required equipment, a ticket or warning is written and our day on the water may come to an abrupt end. This is particularly true if you do not have enough personal flotation devices or appropriately sized ones for younger boaters aboard. Thanks to a program set up by the Pinellas County Sheriff's Office on Florida's West Coast, boaters could be spared from a citation and a shortened day on the water.

Operation Kid Float, which loans life jackets to boaters in need, has been instituted and run by the sheriff's marine unit. It is funded by a portion of an \$87,025 grant from the Florida Fish and Wildlife Commission given to promote boat safety within the county and state.

Patrolling officers have been supplied with jackets aboard their vessels and can loan them to boaters in need after a safety inspection. There are also stations set up in four parts of the county with large signs explaining the program. A selection of life vests that can be borrowed for the day are stored on pegs attached to the sign.

Locations include a popular marina at John's Pass in the center of the county, Fort

DeSoto boat ramp at the south end of the county, John Chestnut Park (on Lake Tarpon, the largest lake in the county) and at Dunedin Marina at the northern end of the county. Several sizes of jackets are available so a proper fit can be accomplished. Once the day on the water is over the vests can be returned to a drop-off location where they are collected, rinsed off and redistributed to the various stations.

Florida law requires an appropriately sized life jacket for each person on board, and children six and under are required to wear the life jacket while on any boat of 26 feet or less while underway in state waters.



One boater who experienced the program first-hand was stopped by a marine officer who discovered that he did not have a sufficient number of appropriately sized jackets for some guests and their kids onboard. The officer gave him the option of ending their boat trip, getting a citation, or proceeding to a nearby loaner station and grabbing the vests they needed to become compliant. That boater is now a fan of the program and said, "It's a great program that saved our day."

It may not only save your day and your wallet but it may just save the life of a child on board.

OTHER LIFE SAVERS

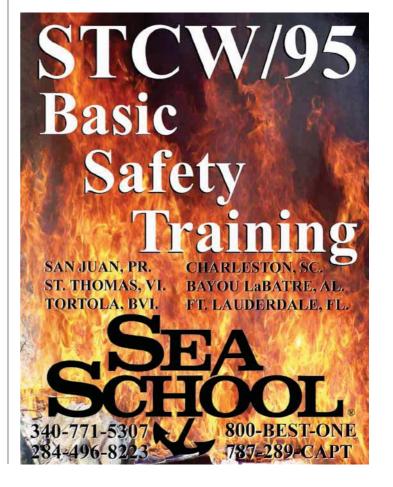
A life jacket loaner program the Boat US Foundation launched in 1998 has since grown to more than 500 locations including marinas, fuel docks, Boat US towing operators and other waterfront businesses. More than 140,000 jackets are loaned each year.

Approximately 40 new locations are put in place by the foundation annually. Each location is supplied with 12 life jackets, signs, brochures and a sign-out binder. Jackets can be borrowed from these locations for the day and returned back to the same location at the end of the day. The foundation funded some states to establish programs similar to the one in Pinellas County. Demand for jackets is always higher than the available number provided by the Boat US Foundation, so donations are welcome. A donation of \$10 could help purchase one of the muchneeded life vests. Find details of the program, how to donate and your state life jacket requirements at www.boatus.com/foundation/ljlp/.

Another organization that has launched a similar program is the U.S. Coast Guard Auxiliary. In Corpus Christi, Texas, the group has a large sign for a loaner program with a box of life jackets attached to it. The back of the sign includes a boating safety quiz.







JACK HOLMES: KING OF THE KING MACKERAL

BY TODD KUHN



t was 1986, Reagan was in the Whitehouse, the King was inducted into the Rock and Roll Hall of Fame, and America mourned the loss of the Space Shuttle Challenger crew. In North Carolina, a handful of rogue off-shorer's were tinkering with innovative live-baiting techniques for the lowly king mackerel (known to most as the "kingfish"). These fishing pioneers never realized how they'd change the trajectory of sportfishing and the course of the marine industry forever.

Modest Beginnings

Fast forward to 1990. Florida residents Jack and Deona Holmes were managing a boating publication and marine marketing group in St. Augustine. A friend who knew of

their passion for all things fishing invited the couple to a weekender kingfish tournament in Jacksonville. At the conclusion, he asked the Holmes for their advice on how to grow the local tournament into a regional event.

The Holmes offered wise counsel, and the Trail was launched. As it grew, the Holmes were asked to produce a small Trail magazine and help with sponsor recruitment. However, the Trail stumbled financially and was subsequently unable to pay the money owed the Holmes for their efforts.

Recognizing an opportunity and needing to recoup significant losses, the Holmes decided to salvage the Trail, and the Southern Kingfish Association, or SKA, was born in 1991 with 11 annual tournaments. Today, SKA's Trail has grown into a 50-event tour.

The Trail

Today, the Trail travels from the Outer Banks of North Carolina, south through Florida, up Florida's west coast and around the Gulf States to Louisiana. The Mercury Tournament Trail is where most of the 7,000-plus fishing teams compete, being broken down into nine geographic divisions with three to five events in each division.

More than 40,000 anglers pursue prizes and a chance to compete in the annual championship with more than \$3 million in prize money available along the way. Additionally, SKA plays hosts to the SKA Professional Kingfish Tour (www. fishska.com/tour/). That tour caters to the seasoned professional fishermen and culminates with the a championship in November with a top prize of \$40,000.

The Fish

The success of the trail has been predicated on the resiliency of the king mackerel itself. The kingfish is a formidable opponent, appealing to hardcore fishermen from the eastern and southern seaboards. Kingfish challenges all who chase it and, in itself, is a fierce competitor - one that challenge both fishermen as well as equipment.

The kingfish is also the perfect tournament species, as it is plentiful and hardy; one void of any ecological baggage or negative press. However, this wasn't always the case. During the early 1980s, the kingfish fishery was devastated by the commercial roller rigs (1,200-foot long, 45- to 100-foot deep power-assisted gill nets) to such an extent the fish was near extinction. Today, the kingfish has rebounded through sound management of habitat and bag limits. Populations now exceed those of the pre-roller rig fishing enterprise days.

Schooling king mackerel have three distinct migration routes: from the mouth of the Mississippi River west, through Texas, and down into Mexico; from south of the Dry Tortugas up the Florida west coast; and west to the Mississippi River. In the summer months, the Mississippi Delta hosts the best king mackerel fishing in the world with the eastern stock traveling from the Florida Keys up into Virginia waters.

Industry Mover-and-Shaker

In the 23 years since its inception, SKA has become a dominant force, exerting a wide span of influence across the marine, tournament angling and conservation arenas. And Jack Holmes has become an industry mover-and-shaker. Holmes is quick to point out, "Deona has been right beside me every step along the way; she's a major player in the industry - and quite capable of angling with the top professionals out there."

Few outside the industry realize the impact SKA and the Holmes have had on the marine and fishing industries. As the association and their tournaments blossomed, pressure

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grew from anglers demanding new and improved boats and equipment capable of making long 40- to 100-mile hauls to distant fish and fertile fishing grounds.

Marine equipment of the day, specifically boats and outboards, were woefully inadequate. Most were large and dreadfully slow. "Boats back in the day weren't designed for our new breed of fishermen," Holmes says. "Luckily, we were able to talk directly with manufacturers, helping shape future hulls, while offering the performance our fishermen demanded to remain competitive. It was a perfect marriage."

According to Holmes, early boating pioneers like Fountain, Donzi and Pro-Line all listened to SKA fishermen, and re-invented center consoles with scarab-styling began to emerge. As hulls evolved, so did demand for better power plants. "Outboards were typically no bigger than 150 horse-power – woefully underpowered to motivate these new large, sleek fishing machines," Holmes says. "We needed something better."

Seizing the moment, he turned to SKA's partners in the marine industry. "We knew we needed better, larger and more dependable outboards to power these boats. So once again we huddled with the manufacturers and outlined what we needed: aggressive, highly-dependable machines," Holmes continues. "And just like the boat guys, the outboard folks responded."

Seemingly overnight, larger and greatly improved outboards were on the back of every kingfish boat. "Once boats eclipsed the 30-foot mark, double and triple set-ups began appearing on the back of boats, another SKA driven innovation," Holmes adds.

Conservation and Charity

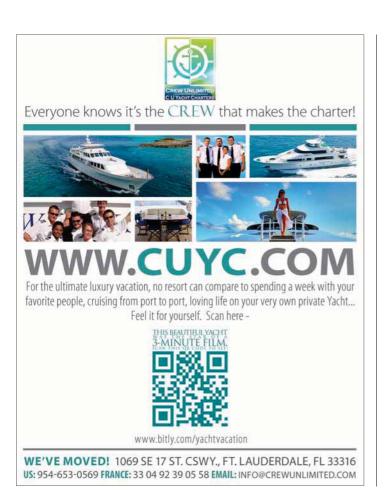
Today, the visionary Holmes continues his relentless pursuit of conservation, a commitment he began along with the SKA. Holmes personally lobbies congressmen and senators in matters important to all fishermen. "The single biggest threat to our sport is the zealous over-reaching by the federal government regarding our marine resources and their management," he contends. "It's a case of the government governing something better left to fishermen."

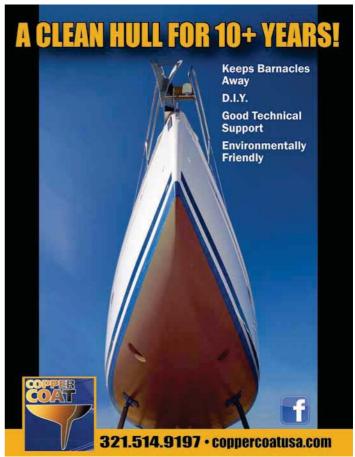
Holmes is also concerned with unrealistic bag limits which negatively impact the sport fishing industry. "Fishermen are those who are most concerned with the health of the sport fish they pursue; unrealistic bag limits set without rhyme or reason do little to promote the health of a species."

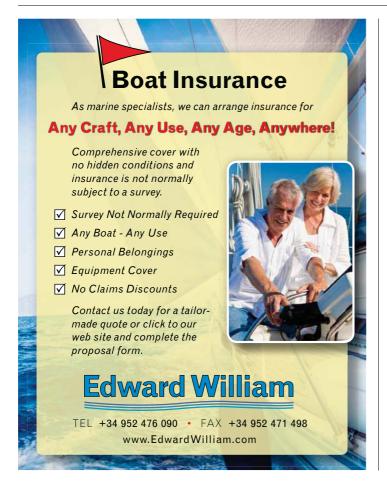
The SKA tour aggressively promotes charities, annually raising in excess of \$1 million for local charities and marine enhancement programs. SKA also supports marine research, helping fund the University of South Florida's College of Marine Sciences and their research on endangered species or marine enhancement and restoration projects.

Retirement?

At 71 years young, Holmes shows no signs of slowing down. In fact, a man half his age would be hard-pressed to keep his demanding schedule. When asked if he has any retirement plans in the near future Holmes quips, "I get asked that on occasion; I'd love to slow down and spend a bit more quality time with Deona away from our time together managing the SKA. But, there's so much left to do and accomplish, and I feel I'm been called to see this to the end."









SOUTHEAST MARINAS

ALL AT SEA'S SOUTHEAST U.S. MARINA GUIDE

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Jersey City	NJ	Liberty Landing	201-985-8000	15′	200′	520	•	30/100 Amp		•	•	•	•		•	•	16	•
St. Michaels	MD	St. Michaels Marina	800-678-8980	10′	200' +	50+	•	30/50/100 Amp Single Phase	•	•	•	•	•	•	•	•	16	FREE
Deltaville	VA	Deltaville Yachting Center www.dycboat.com	804-776-9898	10′	70′	78	•	30/50 Amp	•		•	•					16	FREE
Manteo	NC	Shallowbag Bay Marina www.shallowbagbaymarina.com	252-305-8726	6-7′	65′	72	•	30/50 Amp		•	•	•	•	•	•	•	16	•
Washington	NC	McCotters Marina	877-272-6632	6′	65′	180	•	30/50 Amp				•	•				16	FREE
Bath	NC	Bath Harbor Marina and Motel	252-923-5711	8′	70′	43	•	30/50 Amp	•			•	•	•	•	•	16	•
Havelock	NC	Matthews Point Marina	252-444-1805	5.5′	50′	110	•	30/50 Amp		•	•	•	•			•	16	FREE
Morehead City	NC	Morehead City Yacht Basin	252-726-6862	8'- 10'	200′	88	•	30/50/100 Amp	•	•	•	•	•		•		16	FREE
Beaufort	NC	Jarrett Bay Boatworks	252-728-7100	10′	135′	30′	•	30/50/100 Amp		•	•	•				•	16	FREE
Charleston	SC	Charleston City Marina	843-723-5098	25	300′	415	•	480v & 208v, 3 phase		•	•	•	•		•	•	16	FREE
Amelia Island	FL	Amelia Island Yacht Basin	904-277-4615	6′	100′	135	•	50 & 30 amp		•	•	•	•		•	•	72/16	
North Palm Beach	FL	Old Port Cove Marina	561-626-1760	15′	200′	202	•	30/50/100 Amp	•	•		•	•			•	16/8	•
North Palm Beach	FL	New Port Cove Marine Center	561-844-2504	5′	80′	43	•	30/50/100 Amp		•	•	•	•			•	16/8	•
North Palm Beach	FL	North Palm Beach Marina	561-626-4919	10′	150′	107	•	30/50/100 Amp	•	•	•	•	•			•	16/68	•
Boca Raton	FL	Boca Raton Resort & Marina	561-447-3474	8′	170′	32	•	200 Amp	•			•			•	•	16	
Fort Lauderdale	FL	Bahia Mar Yachting Center	800-755-9558	14′	un- lim	250	•	30/50/100 Single & Three Phase	•	•	•	•	•		•	•	16	
Fort Lauderdale	FL	Pier Sixty-Six Marina	954-728-3578	17′	290′	127	•	30/50/100 Single & Three Phase	•	•	•	•	•		•	•	16	•
Fort Lauderdale	FL	Hilton Ft. Lauderdale Marina	954-728-3578	17′	un- lim	33	•	30/50/100 Single & Three Phase	•	•	•	•	•		•	•	16	•
Sarasota	FL	Hyatt Regencey Sarasota Marina	941-953-1234	6′	38′	32	•	30/50 Amp	•	•	•	•	•		•	•	16	•
Captiva	FL	South Seas Island Resort and Marina	239-472-7628	10′	120′		•	30/50/100 Amp	•	•	•	•	•		•	•	16	•
Bahamas	BS	The Marina at Emerald Bay	242-336-6100	14′	250′	150′	•	30 & 50 single phase; 120/208 3 phase	•	•	•	•	•	•	•	•	16	FREE
Fajardo	PR	El Conquistador Resort & Marina	787-863-1000	12′	70′	35	•	30/50/100	•			•				•	16	•
Canyon Lake	TX	Canyon Lake Marina	830-935-4333		85′	449	•		•			•			•	•	16	
Canyon Lake	TX	Cranes Mill Marina	830-899-7718		45′	250	•			•	•	•		•		•	16	
Austin	TX	Hurst Harbor	512-266-1800		100′		•			•	•	•			•	•	16	

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SOUTHEAST BOATYARDS

ALL AT SEA'S SOUTHEAST U.S. BOATYARDS GUIDE

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Jersey City	NJ	Liberty Landing	201-985-8000	9'	75′	19'	no limit	50 Amp	24x7	60 ton travelift	•			•		•	
Chesapeake	VA	Atlantic Yacht Basin, Inc.	800-992-2489	12′	120′	25′	no limit	30/50/100 Amp	24x7	60 ton travelift, 300 ton railway		•	•	•	•	•	
Deltaville	VA	Deltaville Yachting Center www.dycboat.com	804-776-9898	10′	70	19.6′	no limit	30/50 Amp	8-4:30 M-F/ 9-4:30 S	50 ton travelift	•	•	•	•	•	•	•
Wanchese	NC	Blackwell's Boatyard	252-473-1803	6′	70′	20′	no limit	30/50 Amp	7-3:30 M-F 7-12 S	70 tons		•	•	•		•	
Washington	NC	Cap't Sam's Boatyard	252-975-2046	8′	44′	14.2′	no limit	30 Amp	7-5 M-F Sa-Su by app't.	24 ton travelift	•	•	•	•		•	•
Washington	NC	McCotter's Marina & Boatyard	252-975-2174	6'	60′	14′	no limit	30/50 Amp	8-5:30 x7	15 tons	•	•	•	•		•	
Bayboro	NC	Hurricane Boatyard	252-745-3369	8′	70′	21.5′	no limit	30/50 Amp	8-5 M-F	50 ton travelift	•	•	•	•	•	•	•
Oriental	NC	Deaton Yacht Service	252-249-1180	5′	50′	18′	no limit	30/50 Amp	8-5 M-F/ 8-12 S	35 ton travelift	•	•	•	•			•
Minnesott Beach	NC	Wayfarers Cove Marina & Boatyard	252-249-0200	6′	50′	18.5′	no limit	30/50 Amp	8-4 M-F	60 tons	•	•	•	•		•	
Beaufort	NC	Jarrett Bay Boatworks	252-728-2690	10′	130′	30′	no limit	30/50/100 Amp	24x7	50/75/ 200 ton travelift	•	•	•	•	•	•	
Beaufort	NC	Beaufort Marine Center	252-728-7358	10′	130′	30′	no limit	30/50/100 Amp	8-4:30 M-F	50/75/ 200 ton travelift	•	•	•	•	•	•	•
Beaufort	NC	Moores Marine Yacht Center	252-504-7060	10′	130′	30′	no limit	30/50/100 Amp	8-4 M-F	50/75/ 200 ton travelift		•	•	•	•	•	•
Brunswick	GA	Two-Way Boat Yard	912-265-6944	7′		16.5′	no limit	30 Amp	8-4:30 M-F	30 ton travelift	•		•		•	•	
Amelia Island	FL	Amelia Island Yacht Basin	904-277-4615	11′	100′	19'	no limit	30/50 Amp	8-6 x7	36 tons							
Stuart	FL	Apex Marine	772-692-7577	8′	65′	19'	no limit	30/50 Amp	7-3:30 M-F	65 tons			•	•	•		
Fort Lauderdale	FL	Apex Marine	954-759-7212	9′	90′	22′	no limit	30/50/100 Amp	7-4 M-F	92 tons			•	•	•	•	
St. Petersburg	FL	Progressive Marine Service/Boat Yard	727-822-2886	10′	100′	26′	no limit	50 Amp	8-4:30 M-F; Sa-Su by app't.	40/94 ton travelift		•	•	•	•	•	•
Mobile	AL	Dog River Marina	251-471-5449	8′	85′	22.5′	75′	30/50/100 Amp 3 phase	24x7	70 ton travelift		•	•	•	•	•	
Kemah	TX	South Texas Yacht Services	281-334-7245	7′		16	no limit	30 Amp	7:30-4 M-F 8-12 S	37.5 ton travelift		•	•	•		•	•

ASK ABOUT ADDING YOUR BOATYARD TO THE ALL AT SEA BOATYARD GUIDE CONTACT ADVERTISING@ALLATSEA.NET





Orange Beach, AL. Luxurious waterfront Phoenix On the Bay condominium located on Terry Cove Harbor at the mouth of Perdido Pass. Watch wildlife and watercraft from the floor-to ceiling windows inside or while sitting out on the private deck of this top floor 2BR/2.5BA beauty. Spacious 1,308sq.ft. unit features a designer kitchen, tiled flooring; master bath has a whirl-pool tub. Lounge in the courtyard or bask in the lazy river with the family. Overlooks private marina. Rare opportunity to bring your boat, launch it and dock it at your doorstep. Furnished. \$299,000.

BRIAN PUGH, Brett-Robinson Real Estate 251-752-1380 | www.GulfShoresCondoFinder.com

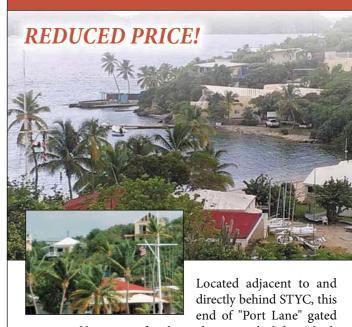


Destin, FL. Harbor -front 3 bedroom, 4 bath home with 50 ft. on Destin Harbor. Open floor plan, 2,890 sq. ft., granite countertops, stainless appliances, Saturnia tile floors and fireplace. Lots of windows and large decks off the living area and the master bedroom allow for amazing water views. Two deep water slips: 80-foot. slip plus a 31-foot. covered slip. A quick boat ride to the Gulf of Mexico. Enjoy the harbor lifestyle of the "Luckiest Fishing Village." \$1,395,000.

SUSIE KIRKLAND, RE/MAX Southern Realty 800-266-7879 | paradise@susiekirkland.com www.susiekirkland.com





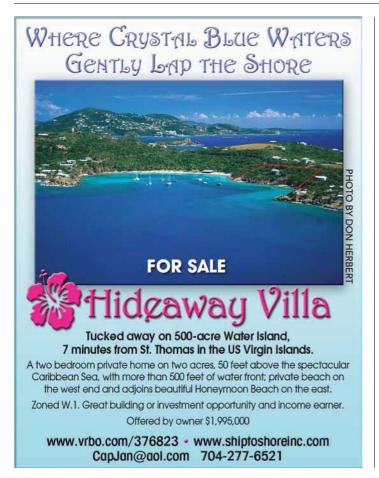


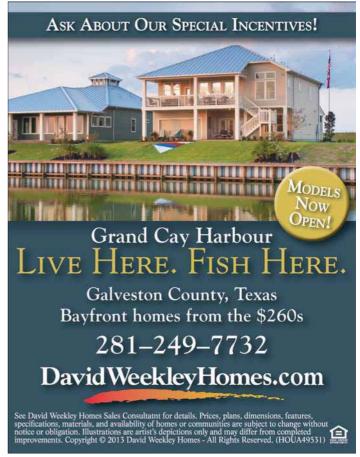
compound boasts two family residences, each 3bdrm/2bath as well as a small boatyard on .810 acres. Income producer.

Offered by owner/builder: \$899,000

Email tkozyn@yahoo.com for appt.

THOMAS,





Coastal Real Estate Guide



Fort Lauderdale, FL. Incredible opportunity to own more than 21,000 sq. ft. of deepwater property located on the New River. Situated in a popular, historic neighborhood, this 102-ft prime riverfront includes a 10,000-lb. boat lift and dock. The 3 bed/2 bath home has impact windows, hardwood floors, fireplace, vaulted ceilings, with waterfront pool and deck. Private, secluded, with majestic shade trees and ample room for multiple vehicles, boats or RV. Seconds to downtown shopping/dining, and close to park with tennis courts and playground. A very special property! \$850,000.

GAYLE BORDEN

Gayle Borden Real Estate Group, Coldwell Banker Phone: 954-525-3355 | gayle@gayleborden.com www.GayleBorden.com



Santee, SC. Spacious 5,000 sq. ft. custom brick home overlooking open waters of Lake Marion. Located in private Santee-Cooper Golf Resort. Three levels of informal elegance offer Brazilian Cherry flooring, Plantation Shutters, retirement living on main level, 3 BR/ 2 BA on 2nd level, all with magnificent lake views. Lower level offers Cypress Game room, 1 BR/2 BA, fireplace, workshop and extra garage for boats, golf cart, etc. Lakefront has pier, covered lift and retaining wall. Lots of outdoor living areas with deck, covered or screened porch. A rare opportunity at \$690,000.

SUSAN STROMAN, Agent Owned Realty
Cell: 803- 505-2674 | thestromanteam@gmail.com



New Bern, NC. Completely renovated home with sunroom, screened porch and dock. Affordable waterfront lifestyle! Established Golf Course and Waterfront community minutes from everything in New Bern. Tie your boat in the back yard and enjoy. Home offers open living area with high ceilings, 3 bedrooms and 2 full bathrooms. This home has large kitchen with pantry and plenty of room for an island. All appliances included and it has brand new super efficient water source heat pump. Laminate floors throughout! One car garage and adjoining workshop plus storage building. \$199,900.

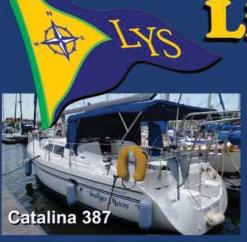
SONJA BABIC - Broker/Owner, PRIME Realty NC LLC 252-617-0861 | www.SonjaBabic.com



Portsmouth, VA. Mile Marker Zero! This gorgeous 2300 sq. ft. end unit condo on the Elizabeth River has bold river views from most rooms and a deep water pier with a 30,000-pound boat lift. This is a true boat lover's delight! Beautifully maintained in prestigious Cypress Cove. Floor plan is bright and open with 3BR/3BA and tons of storage plus a one-car garage. Living room could be converted to first-floor bedroom. This is a rare opportunity to own. \$449,000.

JOHN WOOD, Principal Broker John E. Wood Realty, Inc.

Cell: 757-286-8267 | johnwoodrealty@gmail.com











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www.LittleYachtSales.com

281-334-6500 Pier 6/7 Waterford Harbor, Kemah Texas





1978 MARINE TRADER 36 - \$49,900 Lehman engine, bow thruster, cruiser! David Champney: 910-617-7473



1997 WILDE BOAT WORKS OPEN 37 - \$125,000 For serious offshore fishermen Bill Miller: 910-471-9164



2005 GLACIER BAY 2690 - \$62,500 Full height PH allows year round boating Bill Miller: 910-471-9164



1996 RIVIERA YACHTS 33 - \$129,000 Very well care for, low hours Scott Schneider: 919-645-8419



1999 SEA RAY 29 - \$37,000 T/Merc 240 hp, originally fresh water boat David Champney: 910-617-7473



2001 ALBEMARLE 32 - \$119,900 EVERY option available John Painter: 252-342-5668



2001 SILVERTON 35 - \$99,000 Well maintained and super roomy Scott Schneider: 919-645-8419



2003 CHAPPAREL 28 - \$49,900 5kw Kohler genset, triple axle trailer John Painter: 252-342-5668



2002 RINKER 34 - \$59,900 Genset and air, chartplotter, TV John Peterson, CPYB: 910-546-5760



2000 SEA RAY 270 - \$31,500 Less than 100 original hours! John Peterson, CPYB: 910-546-5760



1996 CUSTOM SPORTFISH 36 - \$44,500 Tower, genset, radar, a/c, maintained Lenny Beck: 252-728-4499



2007 CRUISERS 34 - \$109,900 2 staterooms, all amenities Danny King: 617-710-6307

United Yacht Sales of the Carolinas • 2002 Eastwood Road, Suite 6, Wilmington, NC 28403





John Douglas



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Mallory Schoolfield



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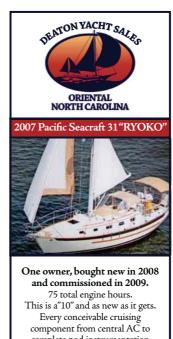
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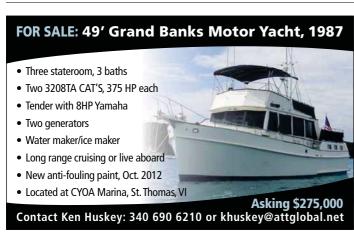
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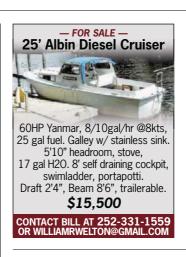




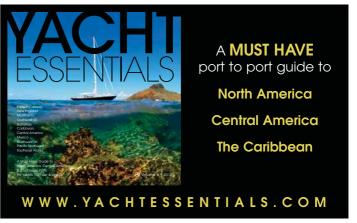












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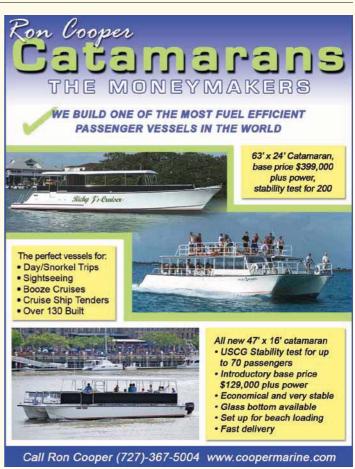


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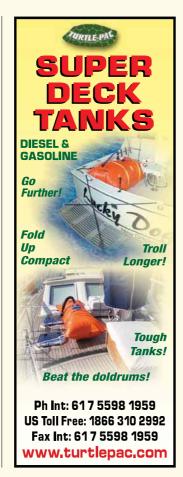
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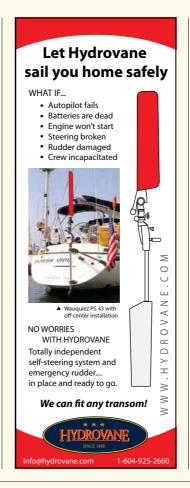
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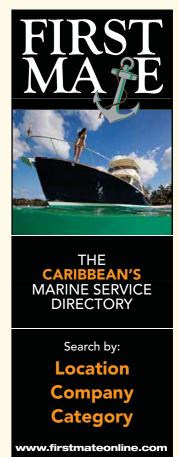
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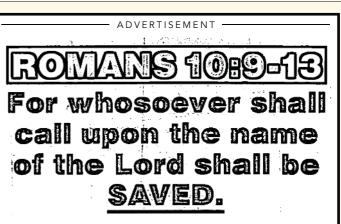
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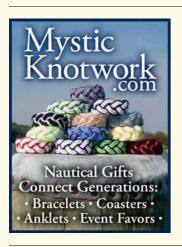
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BOAT FRIENDLY FOODS

BY MELANIE HARALDSON



exican food to me is a ripe avocado, a rainbow of beans, fresh herbs, spicy chilies, tangy citrus, and tropical fruits. Combining what I felt were the best elements of Mexican flavors, the Raw Taco was born. A raw walnut mix is the base and looks almost like ground beef, topped with tangy salsa, avocado slices and cashew sour cream. Wrap it all up in a romaine leaf, and you have successfully entered raw taco paradise!

The ingredient list for this recipe seems quite long, but trust me, it's worth it. Everything comes together surprisingly fast. The important thing to try is the walnut taco mix, because even if you don't get around to the other stuff, you will be blown away by how tasty and satisfying it is.

RAW TACOS

Serves 4

WALNUT TACO MIX:

- 1 cup raw walnuts
- 1 tablespoon tamari
- 1/8 teaspoon ground chipotle pepper
- 1 teaspoon ground cumin

Put all ingredients in a food processor and pulse just to mix.

CASHEW SOUR CREAM:

1/2 cup raw cashews

Juice of ½ lemon

- 1 teaspoon apple cider vinegar
- 1 tablespoon nutritional yeast

1/4 cup water

Put all ingredients in a high speed blender or food processor and blend until smooth.

SALSA:

1 cup chopped cherry tomatoes

1/2 red bell pepper, chopped fine

1/2 orange bell pepper, chopped fine

3 green onions, minced

1/2 cup chopped cilantro

1 clove garlic, minced

juice of 1/2 lime

1 teaspoon honey

pinch of sea salt

Whisk the garlic, lime juice, honey, and sea salt in a bowl and set aside. Cut the veggies into small pieces, and add everything to the dressing bowl. Fold to combine and let sit for at least 10 minutes to allow the flavors to meld.

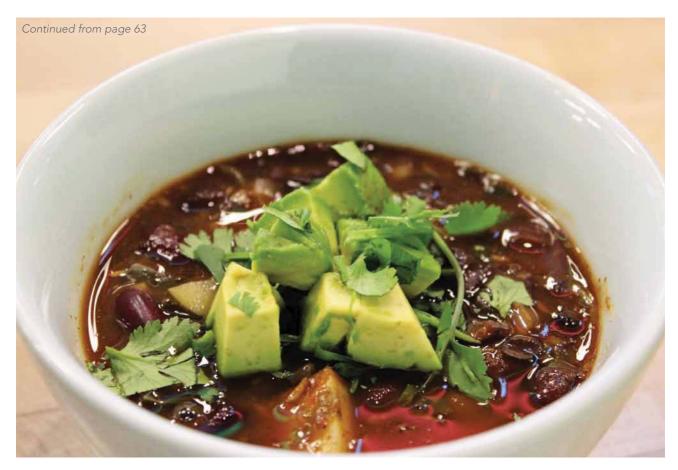
To assemble: add walnut taco mix to the romaine leaf. Top with salsa, avocado, cilantro and drizzle with cashew sour cream. Roll it up and enjoy!

Continued on page 64



BOAT FRIENDLY FOODS

BY MELANIE HARALDSON



VEGAN BEAN CHILI

Serves 6 - 8

This chili is a hearty version of the classic, full of vegetables, savory spices and herbs. It is a perfect dish for potlucks, picnics, and manly enough for a football party. It is also a simple no-stress dish perfect for a weeknight meal. Serve over brown rice and pair with a side of your favorite greens!

1 ½ tablespoons cumin seeds
1 white onion, diced
3 garlic cloves, minced
1 jalapeno, finely diced
2 tablespoons chili powder
1 ½ cups finely diced
mushrooms
1 zucchini, diced
½ cup diced potato (any kind)
2 (15 oz.) cans of black beans,

drained and rinsed

1 (15 oz.) can kidney
beans, drained & rinsed
1 (15.) can crushed
tomatoes
2 cups water
2 tablespoons honey
1 teaspoon sea salt
½ bunch of cilantro
1 cup kale, chopped
Diced avocado and fresh
cilantro to garnish

Toast cumin seeds in a soup pot on medium heat, for 2 minutes

until you smell the aroma of the seeds. This process releases the full flavor of the spice.

Add the onion, garlic, jalapeno, and low-sodium vegetable broth. Stir consistently until the onion is translucent. Add in the chili powder, mushrooms, zucchini, and potato. Sauté for 3 to 4 minutes, stirring to avoid sticking.

Add in black beans, kidney beans, tomatoes, water, honey, sea salt, and cilantro. Cover with lid, reduce heat to low, and allow to cook for 20 to 25 minutes, or until the potatoes are tender. Remove from heat and stir in the kale. Serve hot. Garnish with diced avocado and a handful of cilantro.

Melanie Haraldson is the Healthy Eating and Green Mission Specialist for the Whole Foods Market in Pembroke Pines, Fla. She is a board certified Holistic Health Coach through the American Association of Drugless Practitioners. Her goal is to help others discover a whole new world of flavor, nourishment, love, health, happiness and balance.



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