

Click on the blue underline link to go to the web and learn more about the particular application.

Navigation

[iNavX](#) - \$49.99 I started using the Mac version of this software about four years ago and I love it. There are other cheaper apps for marine navigation now, but I like using the same software on my laptop, iPhone and iPad. This one app is universal, meaning it works with both the iPhone and the iPad with full versions for each device. With many of the other apps listed here you would have to buy separate versions for the iPhone and the iPad. Yes, it is a lot of money, but it is absolutely worth it to get this full featured complete navigation system that can interface via wifi with your boat's instruments. The program comes with free access to all the NOAA charts, but you can purchase additional charts through [X-Traverse](#). This service allows you to save, retrieve and move data on and off the iPad. I bought the US and Bahamas Navionics Gold charts for the iPad for \$49.99 which do show some marinas and other land features.

Navionics Marine www.navioncs.com \$9.99 A close approximation to real GPS Chartplotters, it comes in 30 regions and must be purchased separately, I have this one and use it since it is so handy to plan trips without getting out all my electronics gear and hooking it all up. A great deal at \$9.99

[Navimatics Charts & Tides/ East Coast](#) - \$19.99 You might ask yourself what do I need another navigation program for. Good question. This app is by Navimatics and the app does show another type of cartography, but the navigation features do not work as well and are not as extensive as iNavX. However, what this program does have is Active Captain, the Interactive Cruising Guidebook. It was well worth the twenty bucks to get this feature that drops dots onto the charts where marinas, boatyards and various points of interest are located. When you click on the dots you get a ton of info including cost of slip rental, phone numbers, reviews, laundry and grocery info, etc. This is a sort of Wiki type thing for boaters and once you have your membership to the Active Captain website (free) and you input your info on the iPad, you can click a synch button and you'll get the most up to date info available. When we

were in Deltaville, VA, I saw a review that had been written one week earlier. This is far better than a print cruising guide. Yes, the info is available on the laptop if I am on the Internet, but with my iPad and my 3G account, when cruising here in the US, it's available almost everywhere.

[Navionics](#) - \$19.99 I have not purchased this, but Navionics has their own nav program which like the one above, includes the nava. program with the charts and for this price you get the East Coast. You would pay again for the West Coast and again for the Great Lakes. You can only use their charts. With iNavX all the NOAA charts are included for free, and then you can add other charts if you want to buy them. However, I'd like to hear from others who might use this to know how they think it compares to iNavX.

[MotionX-GPS](#) \$2.99 has recently added marine charts. I have not gone this route or explored it, but I would love to hear in the comments if anyone else has done so. As soon as I have the time I intend to explore this — I mean, for three bucks — why not??

EarthNC - lightning fast access to all NOAA Raster charts. Key features include: Buy the app just once and use it on your iPhone, iPad and iTouch. No additional charges! Premium Marina Listings and Points of Interest from leading providers (iPhone only – for now!) Automatic geo-referencing – no need to “find” your location! View real-time weather sources including buoys, airports, local marine and tide forecasts. <http://earthnc.com/mobile-2> \$24.99

Speed – turns your phone into a speedometer \$0.99 use it for Sailing walking, running, biking or racing <http://itunes.apple.com/ie/app/speed/id286756404?mt=8>

Sailtimer – www.indepthnavigation.com This figures out best tacking angles, you put in the wind direction and the bearing to destination and it gives you the best tacking angle to reach you destination and amount of time you will spend on each tack, you can also vies your route and tacking angles on google earth, it is not precise enough to use in racing but is a fun gizmo. \$13.99

Anchor Watch - uses the [GPS](#) on your smart phone to monitor your [boat's](#) position. If the boat moves outside of set limits, the program will alert you immediately. Alerts include phone calls, sound, vibration alerts, pop ups or

email. If the boat drags out of the predefined areas, it will alert you in any way you decide. Flashing text, sounding alarm or even call to another phone.
<http://www.luky.nl/>

SailSim SailSim is dinghy/yacht sailing simulator that can be used as a learning and teaching aid for sailing. <http://itunes.apple.com/us/app/sailsim/id324875718?mt=8> \$0.99

Tides:

Marine Day tides Day Tides gives you instant and easy access to TIDES in 2009 and 2010 for nearly 5000 world locations. NO CONNECTION is needed as the app uses its own database. EMAIL tides from within the app. Essential companion for sailors, divers, canoeists, fishermen, surfers, swimmers and anyone involved with sport or leisure at the seaside. SEE TIDES PLANNER FOR FULL APP AND NO DATE RESTRICTIONS. EASY TIDES, POWERFUL TOOLS - TIDES FOR ONE DAY. You can make your own list of favourite locations and see the tides for all of them with one button push. Spin the globe to find new places, even amuse yourself exploring the planet. Access graphs for any location to show the changing tide. With simple finger movements move the pointer to check when there will be enough depth. Copy the information and paste into the notepad to assist your planning. Drag the scale or minimum depth level to establish actual depth readings. More advanced users will get value from numerous additional tools that let you calculate tides, levels, minimum depths, time windows for entering/leaving, chart depth, actual depth and more. INCLUDES:Tide prediction: any date; Minimum depth; Spring/neap tide dates; Time planning; Notepad; Global search; Favourites and recents; Sunrise/sunset; Copy/paste + email in the app. <http://itunes.apple.com/us/app/marine-day-tides/id317900837?mt=8#> \$Free

[AyeTides XL](#) — \$9.99 This tide program is fully integrated with iNavX so that you can click on a tides button in the nav program and get your info. The program has just released this iPad version (August 2), and it is beautiful. And it still has more tide stations and information than the tide program included with Charts & Tides.

[Marine Day Tides](#) — free Actually, there are two versions of this program and I use the free one which gives the most tides info I've seen, but it will only give you the info for today — not for the future. The planner version of the program is \$9.99 and it is great, but I get enough info to suit me with the Ayetides and it interfaces with my navigation program.

Tidegraph - www.tidegraph.com \$1.99 gives tide graphs for nearby locations based on your gps location.

Tides www.mobilegeographics.com/iphones/index.html \$0.99

Marine Tides Planner 10 www.tucabo.com \$6.99

Weather:

Radarscope <http://basevelocity.com/radarscopes> – Among the best in weather radar category, uses the phones gps to fix your location and allows you to zoom in or out with a loop function. \$9.99

Windmeter <http://goingapps.com> this gives a windspeed readout on a simple guage using the iphones microphone. It is important to face the phone into the wind and reads in only whole knot, Km, Beaufort scale, or mph units

Windbouy www.cluebucket.com/windbouy Gives a quick, clear readout of the latest observation at select bouys and stations near you. \$4.00

Windguru – gives current and forcasted wind speed direction anywhere in the world <http://www.windguru.cz/int/> \$free!

[Wundermap](#) —free This great app comes from the folks at WeatherUnderground. This includes various types of radar and infrared screens which require an Internet connection. It uses the GPS to determine your location and gives you a satellite map with an information overlay. Now I just wish they would make a version that includes Marine Weather forecasts.

[Weatherbug Elite for iPad](#) — free This little app has tons of great info on a very tight screen. I like their wind direction compass rose.

Bombora www.bomborasurf.com One of the more comporehensive weather apps, uses NOAA and national data bouy center information, access more than 500 stations (check out the list of weather stations before buying. \$4.99 (this is mostly popular with surfers)

Miscellaneous:

- <http://www.boatus.com/towing/app.asp> Text or Email your boat's location to other boaters, Share your raft up anchorage or favorite fishing hole, Show your boat's near shore location on Google Maps, Displays your Latitude & Longitude (even out of cell range), Call for a tow and BoatUS will know where you are, **Access 25 BoatUS Services for your boat's tool bag = Instant Tow services.**

The American Sailing Association (ASA) is proud to present the official iPhone application for the sailing lifestyle. The ASA app is for new and experienced sailors alike. With this application you can find sailing schools in your area teaching our world class sailing standards. You will learn the art of knots, nautical flag identification and vessel lighting at night. Also included is a full sailing glossary, NOAA Weather and direct access to the ASA's Social Media Gateway .

Features: <http://itunes.apple.com/app/american-sailing-association/id387179851?mt=8#>

· Weather component with NOAA National Radars, Satellite Radars, Doppler Radars, Tropical Radars, Buoy Center, Ocean Surface Forecast, Wind Data and Current Conditions for US Cities with 5 Day Forecast Complete list and descriptions of the ASA standards; Find and contact a sailing school in your area; ASA premium how-to videos; Images and descriptions on how to tie classic sailing knots; Images and descriptions of all the nautical signal flags; Images and descriptions on identifying vessel lights at night; 262 quick reference sailing glossary terms and definitions; Direct access to the ASA Twitter feed; Direct access to the ASA Facebook page \$1.99

[Boater's Pocket Reference](#) — \$4.99 1,800 pages of boating information including Rules of the Road, aides to navigation, illustrations, photos, buoys, signal flags, etc. A great on-hand resource.

[ShipFinder HD](#) — \$7.99 This app shows the AIS feed of ships in your area. It is broadcast over the Internet so it will only be good as long as you have an Internet connection either via wifi or through a 3G account. When coastwise cruising, however, it's wonderful to see the name, course and speed of that ship in the distance. Yesterday, sailing from Fishing Bay to Solomons, we passed a strange gray ship off Point Lookout, and I was able to look it up with Shipfinder and discover it was a Naval High Speed Craft called SEAFIGHTER and she was at anchor.

[Nautical Terms for iPad](#) — \$0.99 This is a great replacement for the old dog-eared nautical dictionary I had and the numerous bookmarks that I could never find for online dictionaries.

[Knot Guide HD](#) — \$2.99 This includes 91 knots in 17 categories. What more could you ask for?

[Pocket First Aid and CPR](#) — \$3.99 From the American Heart Association, this guide appears to be one of the most complete for emergency situations as it includes illustrations and videos.

[Air Display](#) – \$9.99 – This turns your iPad into a second display for your laptop. Currently this only works with Mac OS but they are working on a Windows version. You could run your laptop nav program on your iPad using it as a slave screen and avoid having to buy the costly iPad apps.

Another boating plus is that you can load all your PDF manuals into Goodreads or now into iBooks, and they will be there ready to load in a hurry.

Harbormaster www.imangistudios.com \$0.99 Harbormaster game.

As for waterproof cases for the iPad, I have found the [simple for \\$19.99](#) that looks like a glorified Ziplock bag to this [fancy one from Germany](#) for 280 Euros. There are also various [mounts](#) here and others [here](#) that one can get to make your iPad function more like a helm chart plotter, but I am waiting for the swing away arm.

Friend Mapper - this one lets you and 23 of your buddies track each other for cruises or poker runs or whatever activity where everyone is on the move. Everyone in the crew appears on everyone else's maps/charts. <http://itunes.apple.com/app/friend-mapper/id295806081?mt=8> \$0.99

Clinometer- a portable inclinometer to determine the heel angle of your vessel., accurate to one degree. <http://www.plaincode.com/products/clinometer/> \$0.99

Boating Suite- 6 apps in one, an easy way to keep track of maintenance, fuel usage and expenses. <http://www.boatingcafe.com/> \$4.99

Pro Knot - <http://www.proknot.com/> animated Rope Knots and fishing knots Pro Knot is the most trusted printed knot reference in the world and now the same best selling fishing knot and rope knot instructions are available on the iPhone/iPod/iPad! \$1.99