

THE *East Hampton • Southampton • Riverhead • Southold • Shelter Island*  
**INDEPENDENT**

**Vincent Pica**  
**District Commodore, First District, Southern Region (D1SR)**  
**United States Coast Guard Auxiliary**

[Coast Guard Aux NEWS](#) ▶

August 07, 2013

**Float Plans – Nothing but Upside...**

As we often pine to be afloat with a deck beneath our feet, we might even feel compelled to venture out with proper planning. If so, the Float Plan, oft spoken of and more often ignored, can be key for you and those closest to you. That's what this column is about.

**Float Plan**

The Float Plan is nominally known as a mechanism for ensuring that missing vessels are indeed missed in time for action to be taken that might otherwise lead to the rescue of the crew rather than the recovery of their bodies. "Boat-A is supposed to be at Payne's Marina in the Great Salt Pond on Block Island at this time and date. Is it there?"

So, in a nutshell, float plans are all about SOLAS - Safety Of Life At Sea. However, as the title infers, the development of a float plan delivers nothing but upside to the boat's master and thus to the crew who are fully the master's responsibility. Charting The ideal float plan involves the detailed analysis of getting to your destination and returning safely. The float plan provides the opportunity for the skipper to sit with his or her charts, in the calm of a kitchen, den or study, and literally walk through the passage with parallel rulers and dividers. What is the goal of such detailed analysis? The net effect is to create your own Pilot Guide for the entire passage and to be able to assign predicted times to each leg. Deviation from predicted times is an early warning to the skipper that something is up – working against (or with!) a current, cross winds creating additional work effort for the engines to hold course, etc. All of this translates into fuel consumption "deltas" which ultimately leads directly to SOLAS issues – Safety Of Life At Sea...

If you have made an error in the development of your pilot guide, the rest of the guide is likely to be suspect and you'll have to do what every skipper has done for centuries untold – improvise carefully... If the chart is generally consistent but winds and tides have done the inevitable, then the overall pilot guide is likely to still have integrity but, once again, you'll have to do what every skipper has done for centuries untold – improvise carefully...

**Weather**

With respect to predicting the weather, I use the Weather.com website – [HYPERLINK](http://www.weather.com/) "http://www.weather.com/"www.weather.com - and the reason I do is because I can get weather prediction by the hour. If the chance of precipitation for a particular day is 50%, but it is 10% in

the morning and 90% in the afternoon, I want to know that. Put in your zip code or city name and click go...

Click on "More Details" and see how the hourly details add to the weather analysis...

## **Tides**

Nothing is more likely to surprise you and more potentially perilous to happen than running aground – and understanding the tide is all about that. There are several good services to use but there is something very subtle about tide analysis that no chart gives you. Tides change at different rates at different places (watch for a column here soon where we'll talk Time and Tides.) Knowing the tides at an inlet while spending the next 6 hours transiting from cove to bay "on the inside" could require major mental gymnastics in order to keep pace with the pace of the tide as it works its way through that inlet and across the bays and into the coves... Why do that if the internet can do it for you? Local Notice to Mariners As of April 1, 2004, the United States Coast Guard stopped mailing the Local Notice to Mariners. Instead, it is accessible on the Internet – and they will even email you a link to the updates each week as they "go to press."

BTW, if you are interested in being part of USCG Forces, email me at [JoinUSCGAux@aol.com](mailto:JoinUSCGAux@aol.com) or go direct to the DISR Human Resources department, who are in charge of new members matters, at [DSO-HR](#) and we will help you "get in this thing..."