



## Letter from the President

by Pat Sanders



**HYPACK 2012 In-House Testing:** Our testing of the HYPACK 2012 release is proceeding pretty much on schedule. We have squashed some minor bugs and are going through our testing procedures for each of approximately 50 programs. We'll be including both 32-bit and 64-bit versions of certain programs in the HYPACK 2012 release. If you have a 64-bit computer, you'll be able to run either version. If you have a 32-bit computer, the 64-bit versions will be disabled in your menu list. We had hoped to have a brand new MBMAX 64-bit program available. After much internal discussion, we have decided to hold it back for a month or two until we can spend some more time testing it and making sure it is rock solid. We'll put out an evaluation copy in the initial HYPACK 2012 installation CD so that you can check it out and get a feel for where the program is headed. You won't be able to save any data, until we are ready (probably around March or April 2012).

**S-44:** I'm always getting questions about S-44 and how to tell if a particular survey meets the IHO requirement. I have written a short article, 'S-44 for Dummies' and have included it in this newsletter. It might raise more questions than it answers....

**Programmers Logic:** I recently complained to one of our programmers (who has just returned from the woodshed) that I had some trouble in a particular program. He ran an example with nine XYZ points and informed me that everything was fine. I snapped and told him to go run it with 9,000,000 points and report back to me. Sometimes I don't think these guys appreciate the size of data files that clients are working with. I feel like going around to their computers at night (if any of them was foolish enough to leave it on their desk and didn't have a password) and delete any XYZ file less than 5Mb.



**2012 HYPACK USA Training Seminar:** I'm finishing up the schedule for the Expert Sessions and we should have it on the web site by the end of November. We're looking forward to our return to San Diego. Typically, when we have the USA HYPACK seminar on the west coast, we draw about 300 to 350,

compared to 450 that we have drawn at some of our east coast venues. This is probably a result of having more hydrographers located in the east, south and central USA. We typically plan a seminar on the west coast every 3<sup>rd</sup> year.

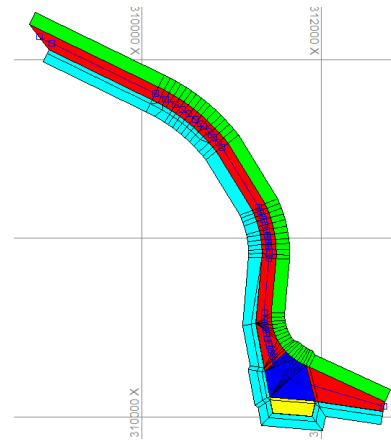
**2012 Australian Hydrographic Conference:** I was in Southeast Asia in early November (Singapore), so I bopped down to Perth to attend the Australian Hydrographic Conference. Fremantle is a beautiful town, just outside of Perth. For those of you who complain about the cost of the US Hydrographic Conference or the HYPACK USA Training Seminar, the Australian Hydrographic Conference cost about \$900 to register as an attendee. Fremantle is an expensive place! It was a smaller conference, but was a good opportunity to talk to our Australian and New Zealand users and listen to how things were working and to what we can do better.



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**Changes to Volumes in HYPACK 2012:** I have been testing the updated CSV program and have been very pleased with the results. One of the main changes is that the AEA and Philadelphia methods can now handle non-standard channels. If you have a complex template, the methods will determine the deepest flat part of your channel and decide it is the center channel. It will allocate anything to the left of that region to the left slope computation and anything to the right of that region to the right slope computation. Lazar Pevac has also updated the reporting function of TIN MODEL so that when you do a TIN vs CHN computation, you can allocate the material by face, reporting area, or reporting areas subdivided by planned lines. On top of all of this, there is a new ADVANCED CHANNEL DESIGN program in HYPACK 2012 that provides better design tools and more flexibility in the creation of planned lines. We'll have a list of upcoming changes in HYPACK 2012 up on the web site in another week or two.



Best wishes during the holiday season,

Pat Sanders

President

HYPACK