

# Earth Science Associates

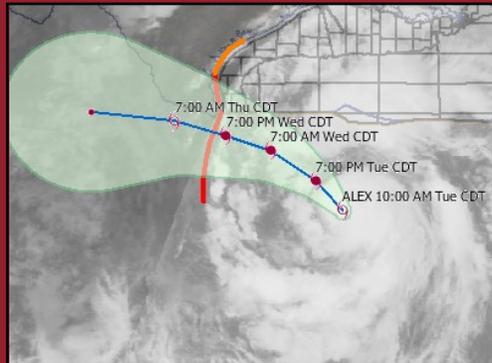
November 2010 Monthly Newsletter

## *GOM<sup>3</sup> & GOMsmart Overview 2010*

Of the changes we introduced into **GOM<sup>3</sup>** and **GOMsmart** in 2010, one of the broadest and most important is our new system to update data hourly, 24 hours a day – 7 days a week. We sweep the servers at BOEMRE (MMS), and NOAA for weather/environmental data every hour. If new data is available, our processing starts immediately. When processing is complete, it posts to **GOMsmart** and the *What's New* component of **GOM<sup>3</sup>**. Although processing can take longer, it usually is complete within an hour. There is currently no other way to get information this quickly and this has allowed us to introduce several near-real time services for weather and ocean currents/conditions.

Given the explosive growth in the use of **GOMsmart**, we have enhanced its capability and eased access for users who are away from their office computers. **GOMsmart** users can now customize maps to show current leases by owners and by owner-partner groups. Users also have access to extensive paleo data. Finally, in both **GOMsmart** and **GOM<sup>3</sup>**, when you hotlink on a well, completion or paleo sample in the map, a choice of all logs for that well is now offered.

In **GOM<sup>3</sup>**, we added the Well Activity Report (WAR) as a tabular data source (updated weekly) mappable in 2-D; data on borehole



pressures and mud weights can also be mapped along the well bore in the 3-D component of **GOM<sup>3</sup>**.

In a joint project with two of our partners, the GBDS project at the University of Texas Institute of Geophysics and PaleoData Inc, we assigned a deposide to all sands and completions in the Gulf.

Wells and production have been correlated with platforms, accident reports are now current and both lease changes and new well log releases have been added to *What's New*. We upgraded our metadata and the ease with which it is accessed, and accommodated the enhancements made by OOSA in their scouting data.

Our first priority in 2011 is to exploit the new functionality available under ArcGIS 10; the December 2010 release of **GOM<sup>3</sup>** will support ArcGIS 10. Second includes systems to broaden and automate client-side updating of **GOM<sup>3</sup>** so that every single dataset is available the moment we finish processing. Third is a set of new enhancements to our 3-D capability, including some that arise from ArcGIS 10. Finally, we are expanding the geographic reach of **GOM<sup>3</sup>** to cover the entire Gulf Coast basin including onshore and state waters. These will be described more fully in the next newsletter.

Earth Science Associates (562) 428-3181

### *GOM<sup>3</sup> Calendar*

NAPE Expo—Houston  
February 16-18, 2011

Central Lease Sale  
Expected March 2011

4300 Long Beach Boulevard Suite 310 Long Beach, CA 90807



www.earthsci.com