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Technical Implementation Notice 12-34
NOAA's National Ocean Service Headquarters Washington DC
Relayed by National Weather Service Headquarters Washington DC
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To: Subscribers:
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From: Peter Stone
           Chief, Oceanographic Division
           NOS Center for Operational Oceanographic Products and Services
           (CO-OPS)

Subject: Changes in Lateral Open Boundary Conditions for the National
Ocean Service's Operational Forecast Systems for the Chesapeake Bay
(CBOFS), the Delaware Bay (DBOFS), the Tampa Bay (TBOFS), and the Northern
Gulf of Mexico (NGOFS): Effective September 25, 2012

Effective September 25, 2012 beginning at 1500 Coordinated Universal Time
(UTC), 10:00 AM Eastern Daylight Time (EDT), the NOAA/National Ocean
Service's (NOS') CBOFS, DBOFS, TBOFS, NGOFS will be forced by NCEP's
global operational Real-Time Ocean Forecast System (RTOFS). The data
format and content of model outputs from the above four NOS OFS will be
exactly same as current products; however, the model forecasts might be
slight different from the current products because different open boundary
conditions will be used. No significant impact to users is expected from
this change.

Currently, most of NOS' 3-dimensional (3-D) OFS rely on NCOM for their
lateral ocean boundary conditions. The Naval Oceanographic Office (NAVO)
is transitioning to a new computer system and only plans to transition
Global HYCOM to the new system. Therefore, NAVO will stop running Global
NCOM in September 2012. Global RTOFS runs at NCEP on the same computer
system as the NOS OFS, thereby making G-RTOFS model outputs directly
accessible to NOS OFS. As a result, G-RTOFS is the first choice for
lateral ocean open boundary conditions for all NOS OFS. The Navy's Global
HYCOM will serve as a backup for NCEP's G-RTOFS. G-HYCOM uses the same
numerical ocean model and has similar system configurations as NCEP's
RTOFS making the outputs from both G-RTOFS and G-HYCOM similar and
comparable.

If you have any questions concerning these changes, please contact:

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or

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For questions regarding the dataflow aspects with respect to the NCEP
server at the Web Operations Center (WOC), please contact:

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National Technical Implementation Notices are online at:

https://www.weather.gov/notification/archive

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