

# Hurricane activities at DTC

Status report by the DTC  
Shaowu Bao

HRD Modeling Meeting  
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Developmental Testbed Center

# Code Management

- 2011 Baseline (R2-final) now in community repository.
- Community code was returned to EMC and was successfully tested.
- We recommend all developers to work with the DTC and use community repository code.
- We understand that AOML and EMC have made arrangements to share code. So, all AOML developments should work on the latest code that DTC delivered to EMC



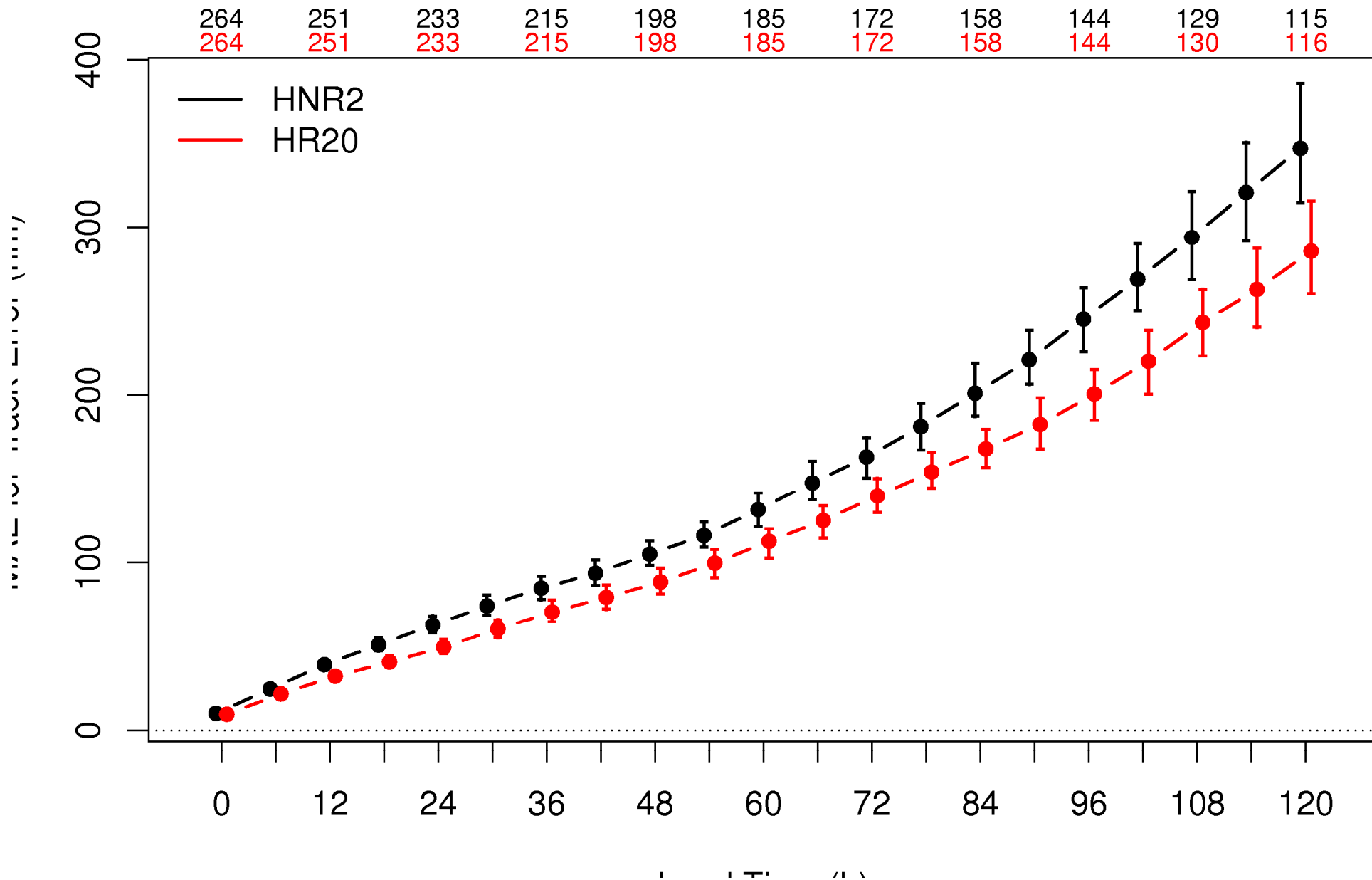
# Reference Configuration

- DTC developed an efficient, end-to-end T&E system on tjet using GSD workflow manager
- DTC ran 500+ cases in Reference Configuration test. Test result showed a degradation in track forecast, compared to runs on IBM
- DTC found a bug on prep\_hybrid that affects jet runs. This bug could be the reason that's responsible for the differences between IBM and jet runs.

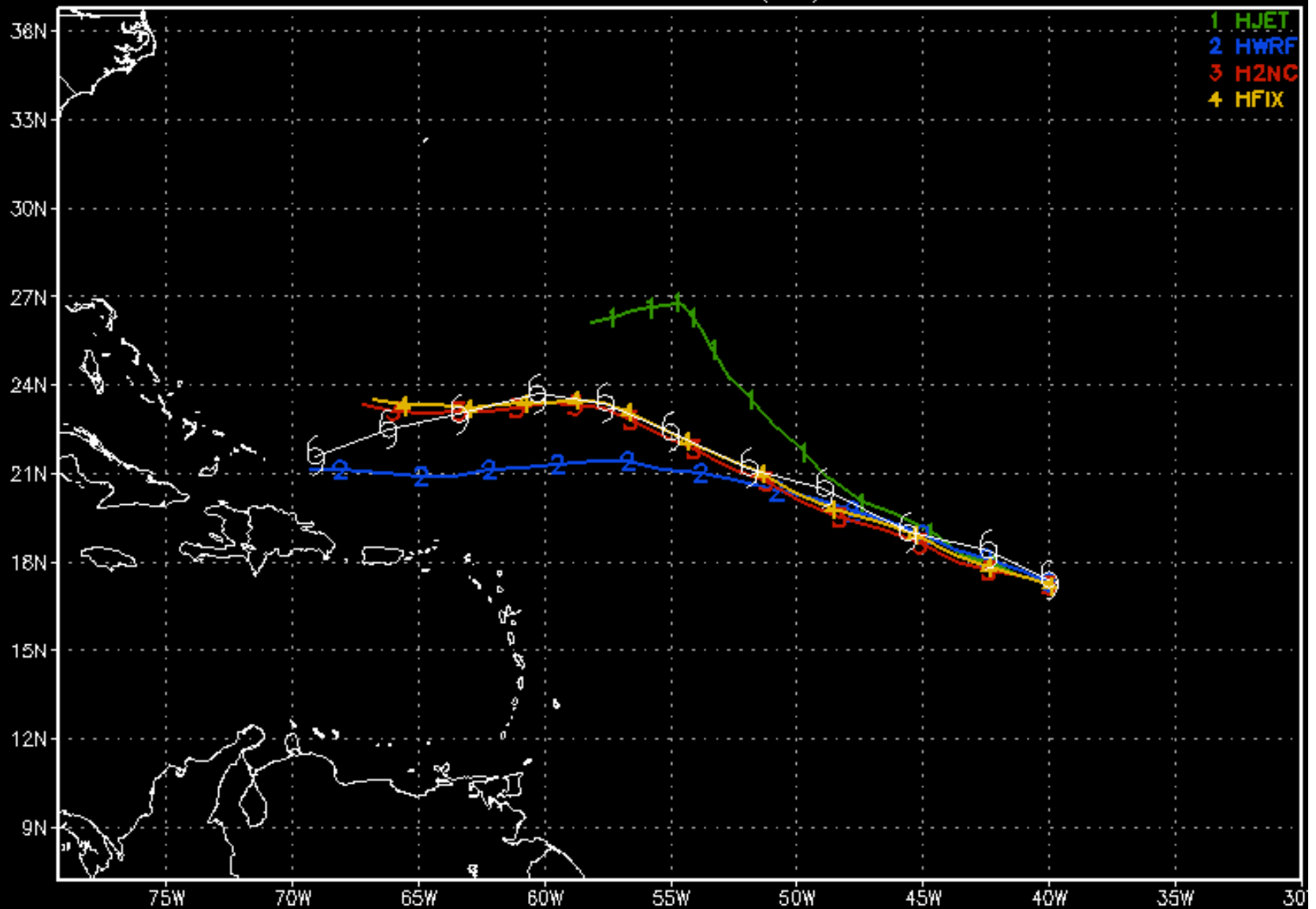


# MAE for Track Error

Atlantic 2008/2009



2008 Tropical Cyclone Tracks  
Storm: AL0908 (IKE)



Forecasts: Beginning 2008090118

Observed: Beginning 2008090118, every 12 hours

# Upcoming activities

- Complete RC test on tjet
- Prepare for Hurricane for WRF tutorial (April 2011)

