TPC Director Decisions for Operational Implementation on
JHT Projects Concluded in FY03
19 December 2003

Incorporation of Ocean Heat Content and Satellite Data Predictors in the Statistical Hurricane Intensity Prediction Scheme (SHIPS)
Principal Investigators: Mark DeMaria (NOAA/NESDIS), John Knaff (CIRA), Jack Dostalek (CIRA)
☒ Accept G Defer G Do not accept at this time

Estimating the Probability of Rapid Intensification Utilizing the SHIPS Model Output
Principal Investigators: John Kaplan (NOAA/AOML/HRD), Mark DeMaria (NOAA/NESDIS)
☒ Accept G Defer G Do not accept at this time

Implementation of Advanced Microwave Sounder Unit (AMSU) Tropical Cyclone Intensity and Size Estimation Algorithms
Principal Investigators: Chris Velden (CIMSS/University of Wisconsin), Kurt Brueske (USAF), Mark DeMaria (NOAA/NESDIS), John Knaff (CIRA), and Jack Dostalek (CIRA)
☒ Accept G Defer G Do not accept at this time

Development of a Tropical Cyclone Rainfall Climatology and Persistence (R-CLIPER) Model
Principal Investigators: Frank Marks (NOAA/AOML/HRD), Mark DeMaria (NOAA/NESDIS)
☒ Accept G Defer G Do not accept at this time

The H*Wind Real-time Hurricane Wind Analysis System
Principal Investigator: Mark Powell (NOAA/AOML/HRD)
G Accept G Defer ☒ Do not accept at this time

Dynamical Model Track Prediction Evaluation Expert System (DYMES)
Principal Investigators: Russ Elsberry and Mark Boothe (Naval Postgraduate School)
G Accept ☒ Defer G Do not accept at this time

Operational Targeting to Improve Prediction of Tropical Cyclone Track and Intensity at Landfall
Principal Investigator: Sim Aberson (NOAA/AOML/HRD)
G Accept ☒ Defer G Do not accept at this time

Max Mayfield

_____ 12/19/03
Max Mayfield, Director Date
Tropical Prediction Center

Previously accepted by EMC for operational implementation via upgrades to the GFDL hurricane model in 2003:
Hurricane Transition to Operations at NCEP/EMC with GFDL

Hurricane Transition to Operations at GFDL/NOAA