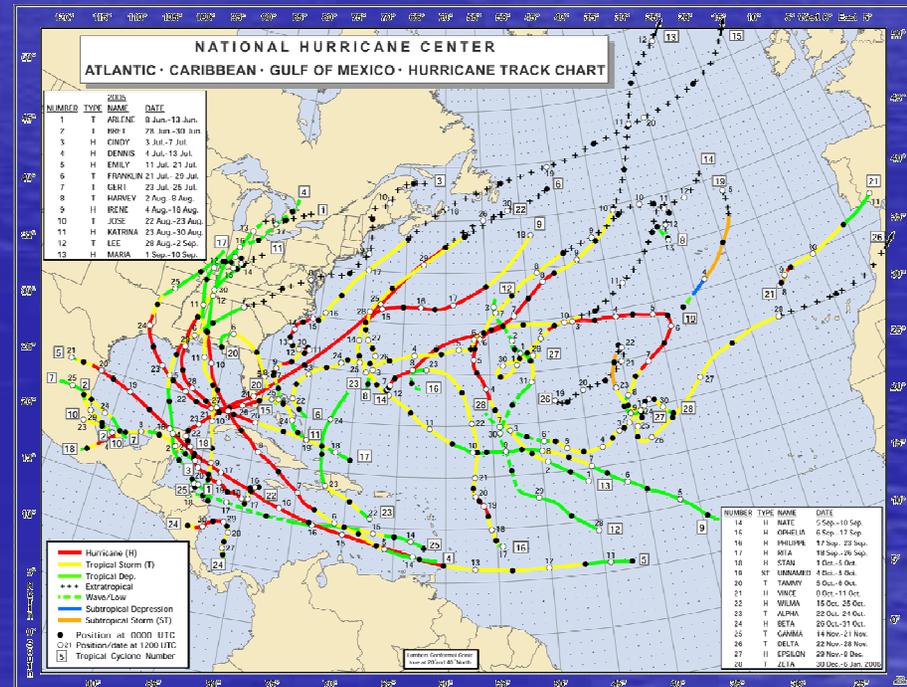


# Florida's Statewide Regional Evacuation Study (SRES)



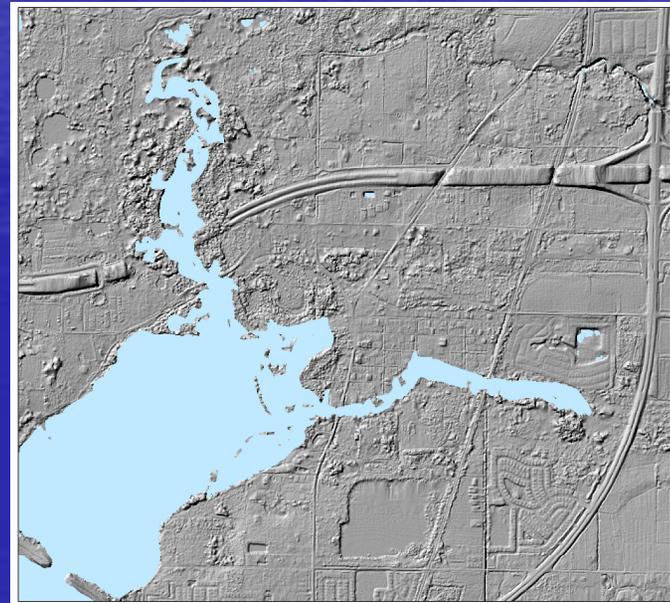
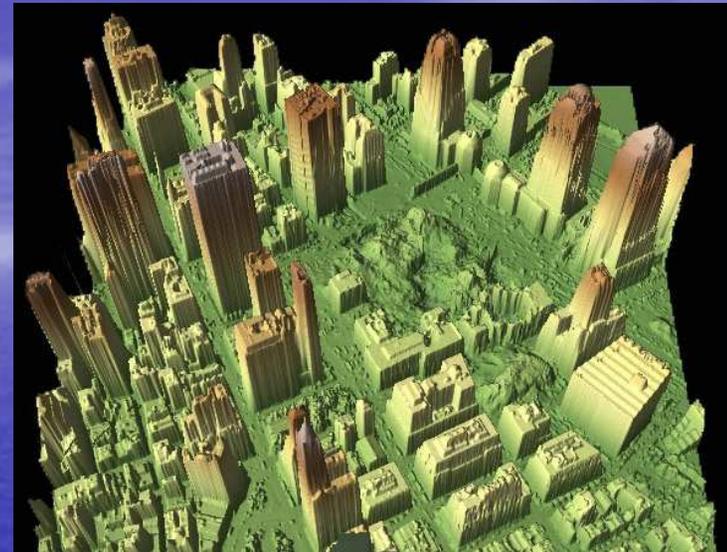
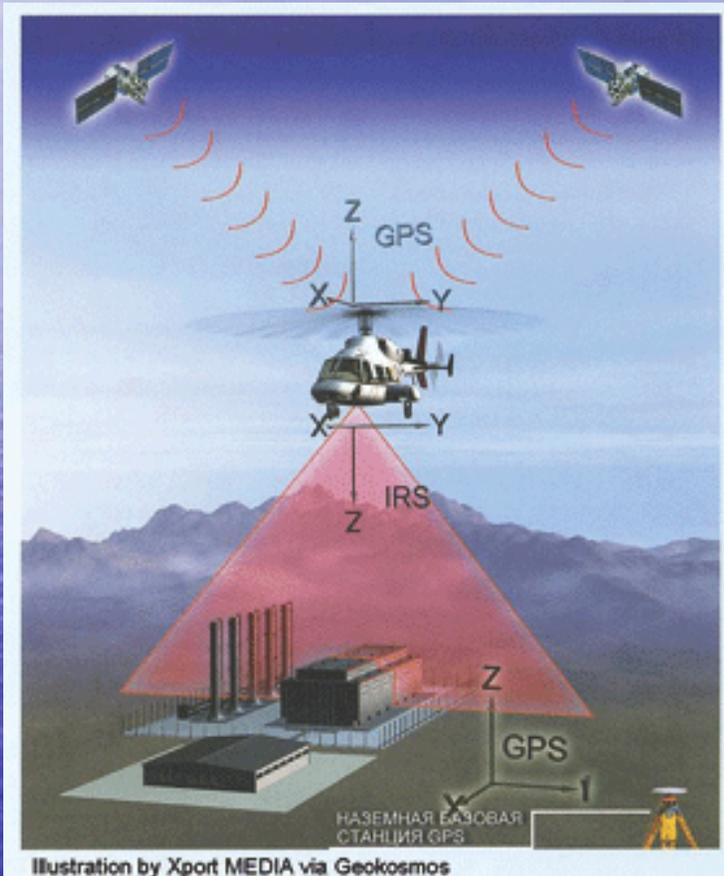
# All-Hazards Analysis

- Tropical Storms and Hurricanes
- Freshwater Flooding
- Wildfires
- Hazardous Materials



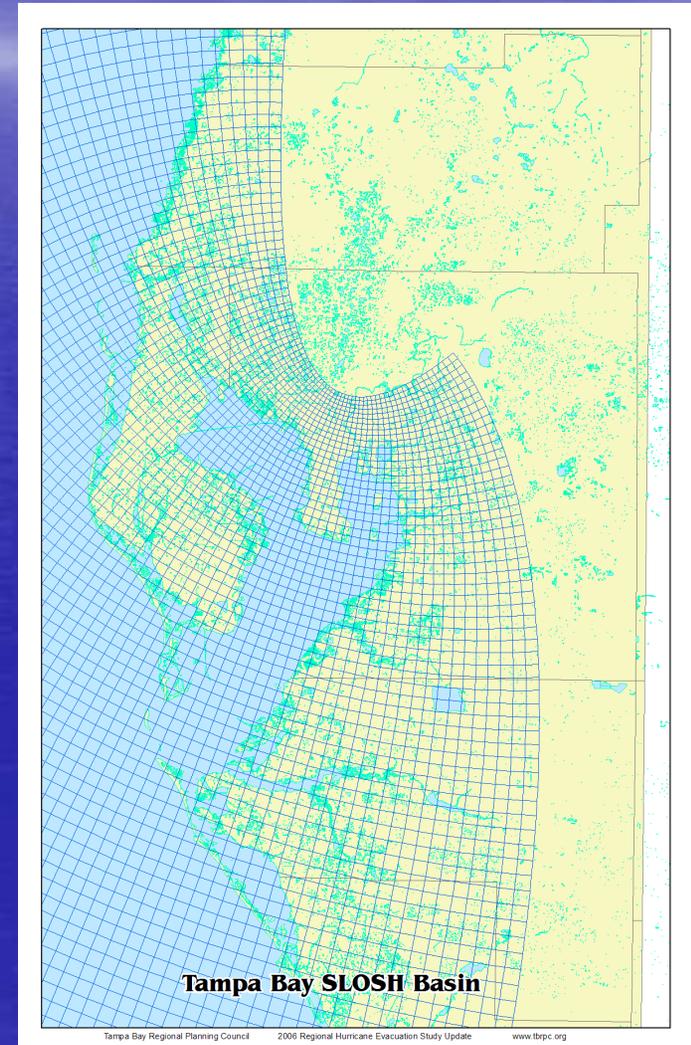


# LIDAR



# NOAA's SLOSH Model

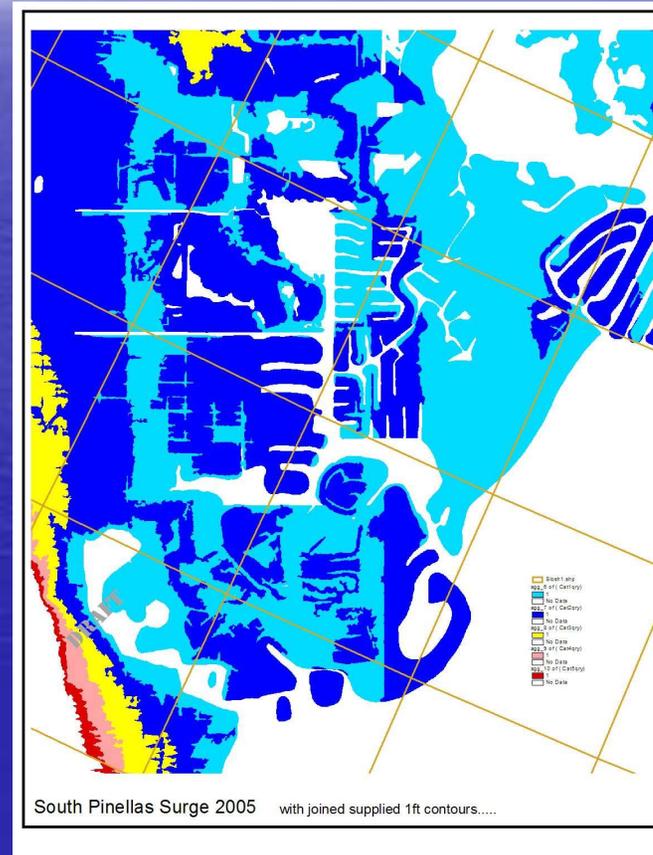
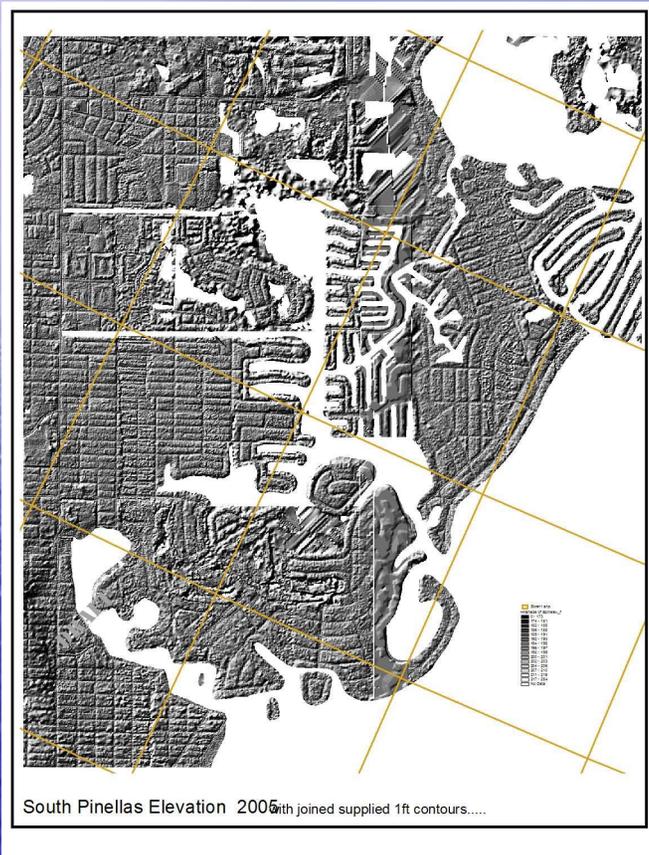
- Developed by NOAA in 1979/ "Updated" in 1989
- 750 Hypothetical Storms Modeled
- Surge Heights at 3500 grid points
- Maximum of Envelopes of Water (MEOWs)



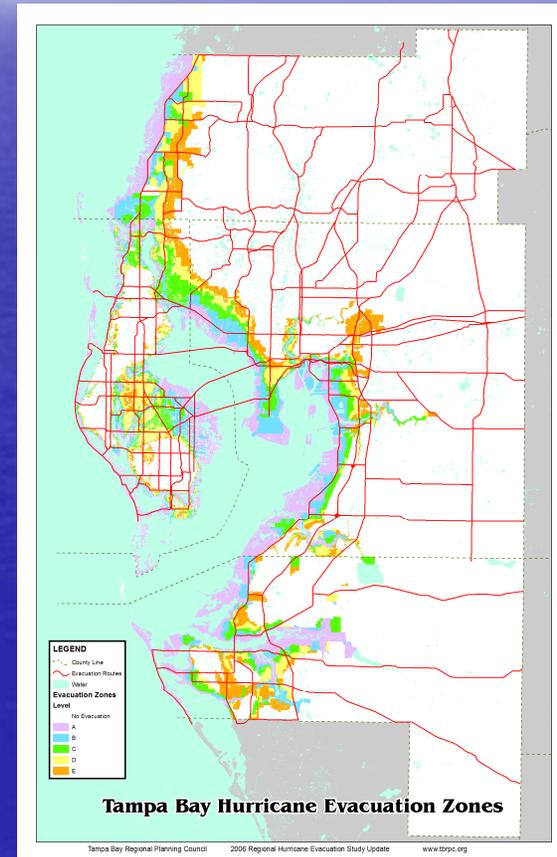
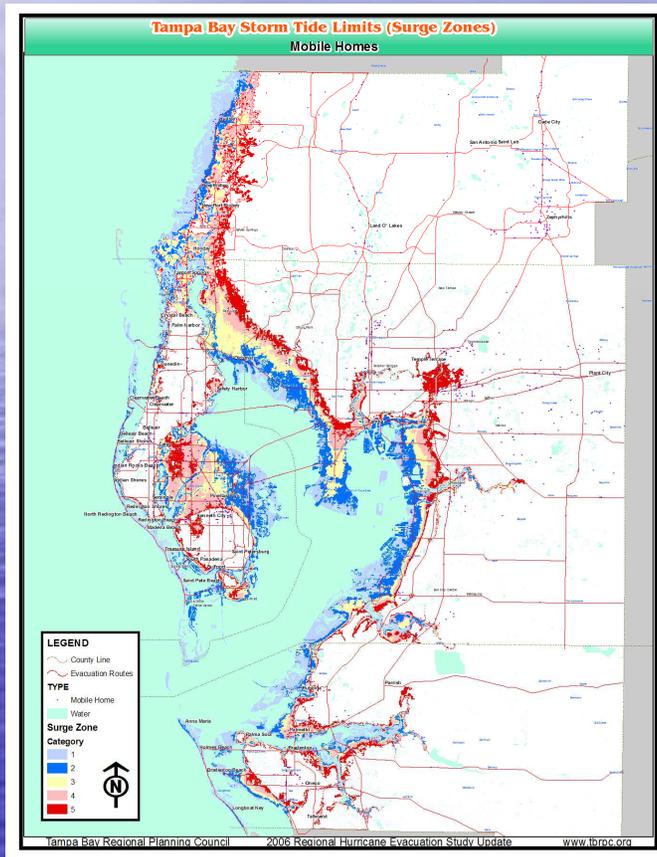
# SLOSH Updates

- New Storm Scenarios (Katrina, Ike and Dennis)
- Forward Speeds (Frances and Jeanne)
- Updated Datum

# Vulnerability Assessment



# Surge Zones and Evacuation Zones



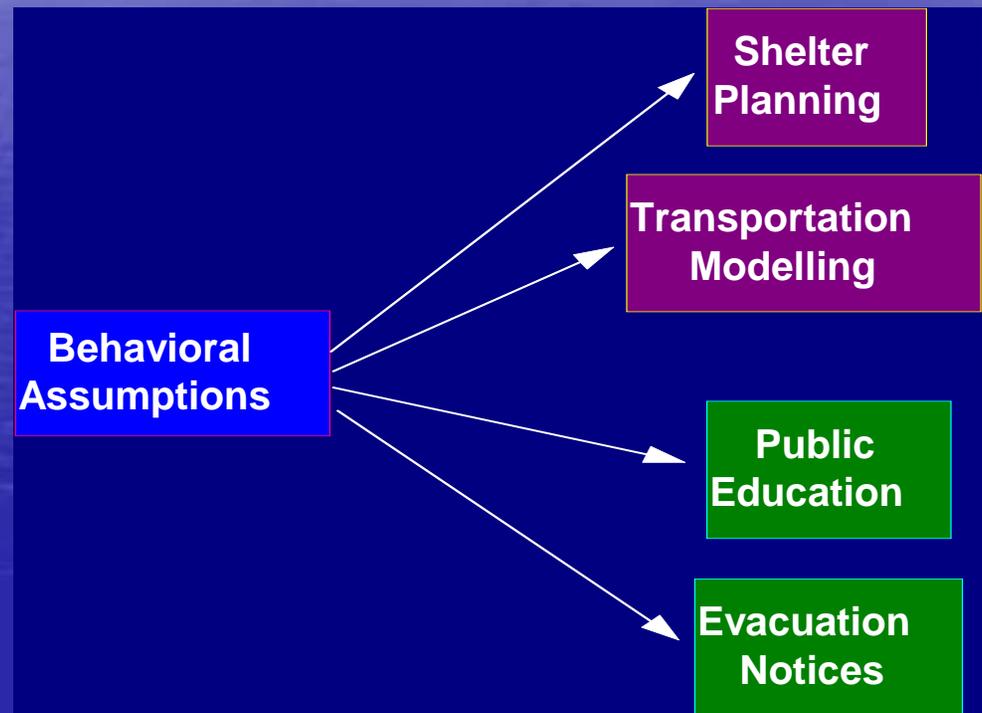
# Critical Facilities Geo-Data Base

- Health Care Facilities
- Utilities Infrastructure (Water, Waste Water, Solid Waste)
- Law Enforcement, Fire, EMS, Schools and Shelters
- Hazardous Material Facilities
- Community Centers, Public Buildings, etc.
- Transportation (Airports, Ports, Heliports)
- Communications
- Energy
- PODs, LSAs
- Military



# Behavioral Analysis

- Evacuation Participation Rate
- Evacuation Timing
- Evacuation Refuge
- Evacuation Destination
- Vehicle Use



# Shelter Inventories, Shelter Demand and Major Issues

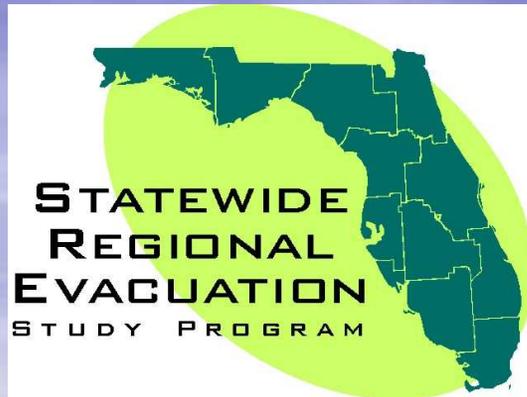


# Evacuation Transportation Analysis



- Modeling Concepts
- Local, Regional, Statewide Impacts
- Scenarios and Planning Assumptions
- Identification of Existing and Future Networks
- Identification of Critical Links
- Identification of Operational and Mitigation Alternatives (Capacity Improvements, Signage and Communication (ITS), Traffic Control, Refuge Planning, etc.)





# Statewide Regional Evacuation Study Timeline

- New LIDAR for Tampa Bay Coastal Areas (4/09?)
- New SLOSH Model (5/09?)
- New Atlas (6/09?)
- New Zones (7/09?)
- New Transportation Analysis (9/09?)

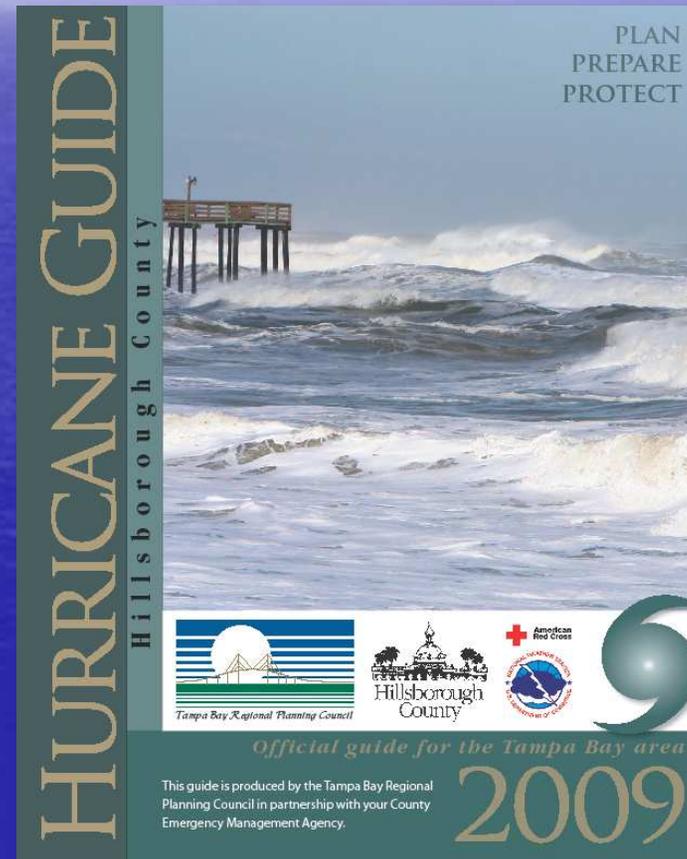


# Statewide Regional Evacuation Study

- Opportunity to take the study to the next level – Identifying and implementing strategies to facilitate the evacuation
- Opportunity to build resources at the regional level throughout the state
- Opportunity to tie all RES together into a coordinated statewide plan

# 2009 Hurricane Guides

- 391,000 copies
- English and Spanish
- Available at Libraries, public buildings, post offices, fire stations, etc.
- May 1<sup>st</sup>, 2009



# Florida Business Disaster Survival Kit

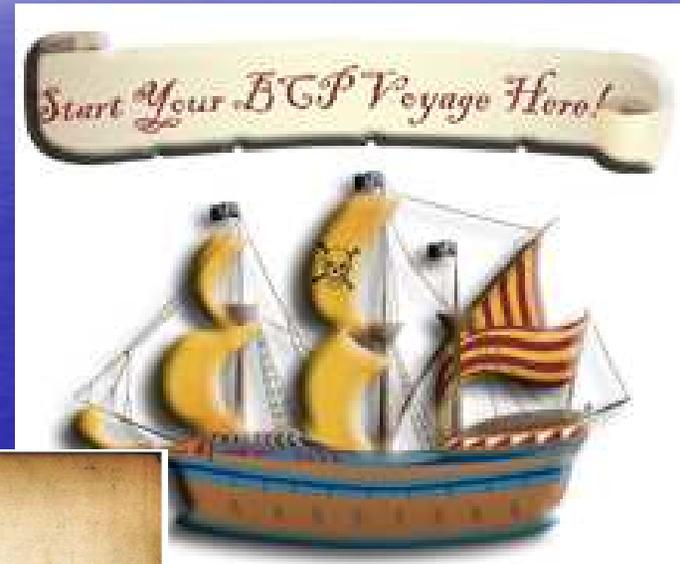
- Guidebooks and Checklists for Employers and Employees

[www.fldisasterkit.org](http://www.fldisasterkit.org)



# Florida Business Disaster Survival Kit

- Interactive COOP Planning Wizard
- Pirate Bay Game



# Post-Disaster Redevelopment and Local Mitigation Strategies



# Tampa Bay Catastrophic Plan

- Catastrophic Event(s) occur in Tampa Bay
  - Hurricane
  - Man-Made event
- Host Community Plans



# NEED MORE INFORMATION?



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