

Southeast Region Recurring Costs FY 2005 Proposal to the NOAA HPCC Program

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Proposal Theme: **Primary Theme Recurring Costs (REC)**

Funding Summary:

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Southeast Region Recurring Costs

Proposal for FY 2005 HPCC Funding

Prepared by: Robert E. Kohler

Executive Summary:

The objective of this proposal is to support the Southeast Region in paying the costs to connect the NOAA/Miami facilities through the University of Miami backbone and into Internet 2/Abilene, which is a continuation of the FY2001 HPCC proposal NGI/SE/12, Connecting Miami NOAA sites to Next Generation Internet, and to support travel to the HPCC proposal review meeting and the midterm meeting.

The payment for the connection to UM/RSMAS is made through the NOAA/UM Joint Institute, CIMAS, via an MOU with AOML and SEFSC.

The amount of the connection fee, \$42K, makes NOAA/Miami a full partner in the Internet 2 Southeast Florida consortium, whose other members are the University of Miami, Rosenthal School for Marine and Atmospheric Science (UM/RSMAS), Florida International University (FIU), and Florida Atlantic University (FAU). FIU has a direct connect to Abilene and UM/RSMAS has a connection via a NAP in downtown Miami. FIU also serves as the manager of AMPATH, the entry point for South America and the Caribbean networks. The method of allocating costs was deliberately chosen so that the total cost does not vary much even though bandwidth increases.