

Input for NOAA's FY 2010 – 2014 AGM *

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External Change What has changed in NOAA's external environment?	Corporate Priorities What Corporate Priority (existing or new suggestion) is affected?	Investment Question(s) What strategic investment question must we resolve in planning?
<p>Federal Information Security Management Act of 2002 (FISMA) E-Government Act of 2002</p> <p>The FISMA implementation project at NIST has resulted in approximately 54 different publications that provide guidance on the implementation of information technology (IT) security in Federal and Federal contractor IT systems (50 since Jan 2005 and 32 since Jan 2006 including drafts). This includes 3 Federal Information Processing Standard (FIPS) publications, 3 Legislative directed guidelines, 3 key guidelines, 22 direct support guidelines, and 23 additional guidelines issued under the authority of FISMA. The impact of this major publication of definitive National policy is significant in both the impact on implementation and the impact on the resources needed to operate and manage the resulting aspects of IT security.</p>	<p>Existing priority in FY09-13 AGM: Strategic Use of Information Technology</p>	<p>IT security has been identified to OMB by DOC OIG as a material weakness for the Department commencing in 2005. While significant effort has been expended in correcting this material weakness, additional effort must be applied to mitigate this material weakness and comply with all requirements defined by NIST publications.</p> <p>Can NOAA accept failure to remediate the material weakness (which applies to all NOAA IT systems) and risk placement of NOAA IT investments on the OMB Watch List, thus subjecting NOAA to potential budget cuts?</p>
<p>NIST Special Publication 800-53a, Guide for Assessing the Security Controls in Federal Information Systems</p>	<p>Existing priority in FY09-13 AGM: Strategic Use of Information Technology</p>	<p>NIST Special Publication 800-53a identifies more security controls than its predecessor. IT Security budgets have been based on less extensive and less costly standards.</p> <p>Can NOAA accept failure to remediate the material weakness (which applies to all NOAA IT systems) and risk placement of NOAA IT investments on the OMB Watch List, thus subjecting NOAA to potential budget cuts?</p> <p>What corporate IT security functions will NOAA need to develop and implement in response to NIST Special Publication 800-</p>

		<p>53a?</p> <p>What sustained investments in IT Services program management (i.e., funding, staff, and infrastructure) will NOAA need to make to effectively manage its IT security and infrastructure modernization activities and achieve/maintain compliance with NIST Special Publication 800-53a?</p>
<p>OMB M-06-16, Protection of Sensitive Agency Information</p>	<p>Existing priority in FY09-13 AGM: Strategic Use of Information Technology</p>	<p>OMB considers the security controls and associated control assessment methods and procedures outlined in NIST Special Publication 800-53a to be mandatory.</p> <p>Can NOAA accept failure to remediate the material weakness (which applies to all NOAA IT systems) and risk placement of NOAA IT investments on the OMB Watch List, thus subjecting NOAA to potential budget cuts?</p>
<p>OMB M-06-19, Reporting Incidents Involving Personally Identifiable Information and Incorporating the Cost for Security in Agency Information Technology Investments</p> <p>OMB M-00-07, Incorporating and Funding Security in Information Systems Investments</p> <p>OMB Circular A-11, Preparation, Submission, and Execution of the Budget</p>	<p>Existing priority in FY09-13 AGM: Strategic Use of Information Technology</p>	<p>OMB instructs agencies on how to include security in the funding for information technology. First, agencies must integrate security into and fund it over the lifecycle of each system undergoing development, modernization, or enhancement. Second, all steady-state system operations must meet existing security requirements before new funds are spent on system development, modernization or enhancement.</p> <p>For those agencies having weaknesses identified by the agency Inspector General or the Government Accountability Office, please identify the specific funds you are requesting for proposed development, modernization, or enhancement efforts to correct these security weaknesses.</p> <p>Can NOAA accept failure to remediate the material weakness (which applies to all NOAA IT systems) and risk placement of NOAA IT investments on the OMB Watch List, thus subjecting NOAA to potential budget cuts?</p>

<p>OMB M-07-06, Validating and Monitoring Agency Issuance of Personal Identity Verification Credentials</p> <p>Homeland Security Presidential Directive (HSPD) 12</p> <p>Federal Information Processing Standard (FIPS) 201-1, Personal Identity Verification (PIV) of Federal Employees and Contractors</p>	<p>Existing priority in FY09-13 AGM: Strategic Use of Information Technology</p>	<p>Has funding been identified to implement the integration of smart cards for physical access to NOAA facilities and logical access to NOAA IT systems?</p> <p>How are the Administrative Services, Facilities, and IT Services programs addressing OMB M-07-06, HSPD 12, and FIPS 201-1 priorities?</p> <p>Has NOAA identified funding to support the implementation and sustainment of OMB M-07-06, HSPD 12, and FIPS 201-1 requirements?</p>
<p>Department of Homeland Security is conducting a scheduled update of the National Response Plan. NOAA's responsibilities as a supporting agency will be more visible in the update, requiring the ability to deliver these Priority Mission Essential Function activities, when called in drills or activations.</p>	<p>Enhancing resilience and eliminating single points of failure in activities delivering NOAA's Priority Mission Essential Functions.</p>	<p>Given the national dependency on NOAA's services and information products, how does NOAA mitigate existing risk to NOAA critical infrastructure supporting essential functions?</p> <p>How will NOAA invest in alternate facilities required to preserve operations?</p>

* Note: Input was provided by Joe Klimavicz, James Goudouros, David Meiselman, Dennis Morgan, and CAPT George White.