ACTION PLAN: **IMPLEMENTING STANDARDS AND WEB PROTOCOLS**

GOAL: Facilitate interoperable service-based access to NSDI Framework data – so that by 2006, Federal, state and local agencies have adopted and are using consensus-based standards and Web protocols for access to Framework data.

Team Members: Ken Keiser (Univ. Alabama @Huntsville)   **Team Lead:** John Evans (NASA/GST, Inc.)
John Moeller (Northrop-Grumman / TASC)   Liping Di (George Mason Univ.)
Robin Fegeas (USGS)   George Percivall (OGC)
Doug Nebert (FGDC)   Leonard Gore, Jr. (BLM)
Myra Bambacus (NASA)   Paul Daisey (Census) *(tentative)*
Ron Fresne (ObjectFX) *(tentative)*   Paul Martin (Mecklenburg Co., SC)

PRIORITY / ACTIONS NEEDED (What)	PROCEDURES / RESOURCES (How)	KEY PLAYERS	RESPONS-IBILITY (Who)	TIME-FRAME (When)
Explain the use of open interfaces for access to live and archived Framework data -- e.g., • Create how-to guide(s) for servers & clients • Explain how different parts of the GIRM work together in practice • Customize guidance for specific datatypes (?) • Work with vendors to supply interoperable components	Online hypertext guides; peer-reviewed articles and other discussion papers	All	TBD	TBD
Endorse selected external specifications (e.g., OGC WMS (ISO DIS 19128), WFS, WCS, GML) and promote for access to Framework data.	Exercise existing Standards WG mechanism	All	TBD	TBD
Recommend a balance of distributed & centralized functions, with attention to redundancy, bandwidth, storage & computation costs, reliability, mgmt. complexity, tiered servers, etc. (Draw on discussion papers such as Server Architecture Models for NSDI or OGC Portal Reference Architecture.)	Peer-reviewed articles and other discussion papers	All	TBD	TBD
Form a consensus view of GIRM-FEA links (so as to institutionalize interoperable data services)	Interactions with CIO Council; discussion papers	All	TBD	TBD
Interact with other NSDI Future Directions teams (e.g., training and education; standards development; etc.)	Email / teleconferences	All	TBD	TBD
Seed projects and prototypes (?) and track and advise FGDC CAP implementation projects.				