Part B
SUBCOMMITTEE REPORTS – Spatial Water Data – Bob Pierce
A-16 Lead

1. Program/Activity Name: **Spatial Water Data**

2. What are the specific federal programs this data supports? **The development of a consensus standard and model for hydrography is coordinated under the Subcommittee for Spatial Water Data (SSWD). The development of consensus standard guidelines and national coordination for delineation of consistant watershed boundaries for the U.S. is coordinated under the Subcommittee for Spatial Water Data (SSWD). The SSWD, sponsored jointly by the FGDC and the Advisory Committee for Water Information (ACWI), coordinated spatial water data and information activities among all levels of government and the private sector. ACWI consists of some 35-member organizations (see http://water.usgs.gov/wicp). Major partnerships are with USGS, NRCS, EPA, USFS, NOAA, USCOE, many states, local and private groups.**

3. Uses of Data: How does your data benefit customers and support agency missions? **Hydrography, the stream network for the nation, and watershed boundaries are used by many agencies to derive streamflow characteristics, flood forecasts, TMDL's, and other hydrologic models. Many agencies (local, state and federal) use these nationally consistent datasets for planning, resource and basin assessment.**

4. Charter/Plan: Do you have a current charter or plan for collection? If so - please describe (include how recently the charter/plan was implemented and whether it is in need of update). **The current charter for the SSWD was put in place in 1996. Under the current Charter there are 3-4 meetings each year including co-sponsoring a water resources symposium focused on completion and use of these national stream network and watershed datasets.**

5. Metadata Status: Is metadata discoverable and served through the NSDI Clearinghouse? What percentage of this theme's data has metadata and is in a Clearinghouse node? **Complete metadata is available for the national datasets (the National Hydrographic Database (NHD) and the Watershed Boundaries (WBD)).**

6. Standards: What is the status of this theme's data, process, transfer, and classification standards?   **The SSWD currently has the Hydrography model and standard in review. The SSWD also has Watershed Boundary Dataset (WBD) guidelines in the ANSI review process.**

7. Progress: List FY 2001/2002 activities/progress to date (quantify where possible).
    a. **The USGS/WRD chairs the SSWD and through this committee has led the hydro development process with multiple federal agencies, State, local and private sector participants. The SSWD have sponsored workshops with the states develop a consensus hydrography standard for the nation.**
    b. **Nov '02   Hydrography MAT (Model Application Team) team meeting**
    c. **Dec '02   Participated is producing Draft hydro model with consensus objects definitions, and relationships established. This was done as part of a Water Resources Consortium and symposium**
    d. **Aug, Sept Oct '02, Feb'03 MAT conference calls**
    e. **Nov '02   draft watershed delineation standard written placed into ANSI formal review process**

8. Policy: Do you have a formal agency policy in place for full and open access or data sharing? **N/A**   Are you able to fulfill this policy and provide public access with your

current agency financial resources as allocated or are you in pursuit of collaborative federal partnerships to support data access? **Yes, according to the Terms of Reference of the ACWI the Subcommittee charter states that the subcommittee is to "facilitate the exchange of information and the transfer of data."**

9. Are there areas or issues regarding lead responsibilities for spatial data themes that require attention, or lessons-learned that you would like to share with others? Please describe. **The use of a subcommittee is preferable to having one agency lead the development of guidelines. Having guidelines drafted by a multi-agency group with shared information needs facilitates the buy-in and usefulness of the guidelines.**