**Birmingham Planning Session Project List**

**1. BINARY TRANSMISSIONS**

Areas to be considered:

Message data field compaction

Header change/message field independence.

Existing comments must be integrated into a single document.

Comments are to be made to <http://eddn.usgs.gov/>. EDDN currently has some comments.

**Action:** Phil Whaley and Warren Dorsey to evaluate comments.

**Action:** NOAA to find postings and publish on the NOAA DCS web site.

**2. DCPC/DCPI (DCP Command)**

It is not really "two way"; communicate/talk to the DCP but not in reverse.

Danger of losing GOES transponder if no action taken.

Need an "official" go-ahead of some sort from the STIWG.

Need to get on a funding list.

Suggestion to initiate an RFI but a requirement needs to be spelled out.

**Action:** Phil Whaley to generate an RFI with review by Warren Dorsey and Kay Metcalf.

**3. LRIT TRANSITION**

LRIT is a possible replacement of DOMSAT.

Use is dependent on test results. Need to explore explore/evaluate potential DCS communications use.

User questions on LRIT reliability? latency? effective/net cost? Comparisons are needed.

A requirement list is needed from the STIWG.

**Action:** Paul Seymour to brief the STIWG/TWG on LRIT at the next meetings in Boise, Idaho.

**Action:** Kay Metcalf is to email Rob Swofford regarding generation of a requirements list and include the original SOW for DOMSAT.

**Action:** NOS to report on their LRIT testing at the next meeting of the STIWG/TWG in Boise, Idaho.

**4. DADDS AUTOMATED BATCH PROCESSING**

Multiple user and multiple agency interest were expressed (i.e. a popular requirement).

There are security “hoops” that must be navigated.

**Action:** Kay will consult Warren Dorsey on the NOAA security policy and the actual task to accomplish the work.

**5. + PERFORMANCE ASSURANCE/SYSTEM INTEGRITY**

Need to ID problems and standardize error messages.

Need list of prioritized tasks.

Excessive random message lengths exist.

Suggestion to “push” observed errors/abuses.

**6. DADDS ENHANCEMENTS**

There were requests for more management tools: (e.g. time slot locator).

DADDS performance optimization coupled with speed increase.

**Action:** Kay Metcalf and Jim Heil will generate an enhancement list using these comments and present it to the NESDIS/TWG at the Boise meeting.

**7. VERSION II /CS2 TRANSITION (**Narrow Band Transition).

Need to publish and distribute a time line.

**Action:** Kay to look at 1200 bps from the point of view of developing a transition path from verssion1 certification standards to version 2 for 1200 bps explicitly.

It was said that Warren Dorsey has developed an auto detect requirement for version 1/CS1 verses version 2/CS2 with the application of an appropriate filter.

**8. EXPAND PHYSICAL SHEF/ELEMENT CODE LIST**

This requirement was considered a STIWG activity

**Action**: Jim Wydick will email a copy of these minutes to Rob Swofford. (done!)

**9. MESSAGE SOURCE**

Areas mentioned were Receive Site - Audit Coding - Data Trail - Origin and Path.

There is a need for a coordination list to be generated. LRGS and system ID tagging.

**Action:** The possibility of an action to the STIWG was mentioned for the creation of a comprehensive list.

**Action**: Phil Whaley is to start a compilation list of ingest sources and paths.

**Non-prioritized Projects**

**10. RANDOM CHANNELS**

The use of Spread Spectrum was suggested

A minimum 400 KHz bandwidth requirement was mentioned for a spread spectrum application.

**11. UPDATE PDTS**

A requirement for updates from transmissions was mentioned.

DADDS could interpret custom/status (e.g. update PDTs) parameters included in transmitted data.

**12. TIME REFERENCE BASED ON GROUND TRANSMISSIONS**

Time would be based on when data are transmitted (ground).

Considered a more effective time reference.

**13. POLICY ELEMENTS**

 The desire for more frequent transmissions was mentioned.

**14. DATA RETENTION POLICIES**

The need for a determination of the desired number of days to retain data was mentioned.

**NewlyAdded Projects From Boise Meeting**

**15. Revision of the DADDS Website**

The site needs to be updated and some of the existing matter removed.

**16. Generation of DADDS Training Material**

A DADDS training session could be arranged at the next STIWG and TWG meeting site (Virginia Beach, VA in October 2012).