

1. IFTN Update – Shirley H.

- a. Been in the works for several years, so just giving a status right now. We'll give Digital Globe (DG) status as well. Reviewed vision of IFTN – national imagery program. Provided a brief history. Discussed specifications that have been developed; and some of the sub groups that primarily, but not exclusively, derived from NDOP members. Did a survey, what are your federal requirements. Results supported basic IFTN concept. Spent some time working on decision mechanism. Record of decision was supported by FGDC X-Comm. We are now revising the report but are essentially done. General assumptions on record of decision – National program, address needs of federal enterprise. Some discussion about licensing of satellite. Building on NAIP as a base product. Frustration is that it take a long time to go through this process because things change/technology changes. Two basic components – high res and very high res. Some buy-up options. Discussed cycles in lower 48, AK, and HI. Various priority setting/funding models discussed, depending on funding levels. Discussion of Governance Structure (involves FGDC and NDOP). Note that a lot of this is recommendation; no funding to support. Discussed USGS and FSA management of current programs, but would coordinate and put in place other plans/requirements to support additional requirements. Discussed Contracting Strategy. Both QBS and Best Value could be used. Discussed hosting and archiving and funding to support. Draft IFTN report has been completed, but waiting on USGS/NGA input, and needs review, and DG and Microsoft (MS) model are not in the plan. See briefing for details.
- b. Digital Globe – Clear 30 program – should be fully funding by MS and DG, full acquisition 1-ft for lower 48 in natural color (NC) 2010. Priority blocks are dense urban areas, then high value blocks, etc...but are supposed to collect everything. Showed specs. Discussion about MS purposes, Bill, Tony, Shirley. Bill B. - There is a market for this product. Shirley – yes, several agencies will be looking at this. Bill B. – DHS proposed this. New Slide – discussed licensing. Provided summary slide. Ron N. – Would this alleviate high res for IFTN. Bill B. – intent is for the government to buy it and use it. Licensing model – sell once then it is in the public domain. Sample data potentially to be provided this December.

2. Satellite Imagery – Glenn B./Jim H.

- a. Glenn. B
  - i. Business case – carbon cap. Multi-sensor approach. No system right now to provide this image data to use to support carbon programs. Question is, why are current satellites inadequate? Propose USDA leads the operation and funding of the carbon satellite. <7 day temporal resolution, 11 or so bands to meet specific agricultural needs. Shirley H. – where is this proposal coming from? Glenn B. – FAS, ARS, and NRCS, but FAS is taking lead. Not presented yet to anyone. Landsat science team does not care what USDA requirements are;

so we need to likely build our own. NOAA directed to build microsats, maybe fund through FAS, etc... Ask for our requirements but then don't implement. We have a monitoring mission that is not being supported. Ron N. – what are the initial costs. Glenn B. – I have them, but it's complicated, launch cost, construction costs, spec costs, processing, support structure, etc.. Jim H. – microsats you can pepper the sky with these for the cost of one Landsat. Shirley – Cost seems reasonable; do we have a champion on the Hill? Glenn B. – All that is being worked on.

- ii. USGS Spot Coverage ground receiving station potential for spot 4/5. If USGS to host that station, then data would be all you can eat. May or may not go through. If not SPOT, USDA will likely pull money out because it won't be what we need.