

## **Cartographic Session**

### **Would like map to contain:**

- Legend on map (should be specific to the map)
- Annotation of city names, etc.
- Spatial context – “where am I” answer
- Decimal minutes
- Integrate photography taken in the field
- Better lat/long ticks
- Roads
- Tables – add lines to facilitate reading of rows
- Ops-oriented hotspots with “present throughout” box for everything else
- T & E species
- Species groupings
- Liked sample shoreline map
- Current hierarchy element/sub-element/seasons (4)
- Topography
- Bathymetry – related to SAV
  - o New NGDC bathy layer
  - o Contours
- Names
  - o Islands
  - o Beaches
  - o Separate layer in GeoPDF

### **General:**

- Very complex to interpret shoreline with complex bio
- One shot at packaging (hard copy) so have more options in digital PDF
- Improved land/nautical display (but stacking is difficult)
- Play nice with as many other systems/standardization
- Accessible on a variety of different devices
- Pertinent data from ESI needs to be shown on GRP
- Want to be able to print thematic maps
- Want to be able to generate larger area maps (line the MBNMS?)
- Old maps have good info
- Current product is cluttered
- Current product is useful for a first cut to identify resources potentially at risk
- Current table is simple/easy
- Create incident-specific atlases
- Biology – shaded instead of cross-hatched
- Shoreline on top of biology
- Use icons vs. polygons for T&E

### **Hard copy specific:**

- Still need
- 8.5 x 11 laminated

- Like having paper
- Portable
- Outdated
- Like Canadian printing
- Don't go away
- Satellite imagery as background is a hindrance for writing in field
- Ability to copy in B/W
- Map book format

**PDF specific** (some comments reflect/overlap with what people want from the GIS digital data):

- Simplify initial view with ability to drill down
- GeoPDFs are a proprietary solution – limited use without plug-in
- Need something to change density of data on screen
- Still need back of map, but should use all technology and be electronic and run offline
- Data layered so can click what you need for that day
- Custom-made maps
- Layered PDF – at subelement level?
- GeoPDFs convenient to show layers
- File sizes might get too large to email – download option
- 3 layers (bio/shoreline/human-use) or 6 layers with 4 seasonal biology layers?
- How to deal with use – make specific layers/data mandatory to print; disclaimer

**Base maps:**

- Multiple choices is good
- Nautical charts help with bottom habitats
- Imagery – too complicated/too dense in populated areas
- Topo sheet base – USGS – not 1:24K quad
  - o Gray scale; topography; info is good
  - o Add roads
  - o Add annotation
- Depends on the user group
- NOAA charts/aid to navigation

**Thematic:**

- Shore
- Biology
- Human use