BCSG work in between HSWG6 and HSWG7

Collection of themes from the BCSG meetings to be discussed with other HSWG members during the HSWG7:

- Interpretation and Practicability of the Bathymetric Coverage
  - How is point density related to the Bathymetric Coverage?
  - In ed4, Bottom Search: A method of exploring the seabed which attempts to provide complete coverage of an area for the purpose of detecting all features addressed in this publication.
  - It would be beneficial to provide at least one example of how to translate the BC requirement for a) acoustic surveys b) ALB and c) SDB

- Relationship between the Bathymetric Coverage and the Feature Detection/Search
  - Miller et al. (1997) recommended an approach during the work leading to S-44 edition 4: We propose that these "feature detection" criteria be used to help formulate what is a reasonable definition of "full bottom coverage". That is, for a defined depth range, it is required to have n points within a given area and that none of these points exceed a stated beam size.
  - Should there be some more clarification/explanation in the definition of the Feature Search also?

- Two possible approaches have been presented during the BCSG work
  - Point distance approach as replacement for the Bathymetric Coverage, Jean-Guy Nistad (GER)
  - "GRID validation" approach to the Bathymetric Coverage, Carlos Videira Marques & Cristina Monteiro (POR)