**Purpose:** A function used to retrieve the various files with hydration sample data in them. This is a pretty straightforward function that is mostly just needed to find and process the hydration sample data. This is likely the only function that uses get.new.hyd.r function.

* Note: Unless/until we start sampling again, all of the information generated by this function could be stored in one flat file (currently it does not exist but we could easily export 1 from here.

**Version Control:** Multiple versions exist, usually duplicates of each other but no guarantees.

Required packages: splancs

**Function Arguments Summary**

1. **Bank:** Which banks do we want to obtain samples from. Defaults to all of the below options:
   * GB, GBa, GBb, BBn, BBs, Ger, Sab, Mid, Ban, SP.
2. **yrs**: choose years of interest, default is 1981-2009. Data exists for 1981-2010.
3. **mths:** choose months of interest. Default is 1-12, any combination of numerical months

works.

1. **path:** location of the files, default is Y:/Data/Hydration/
2. **export:** Export the results to a flat file. (T/F) default is T
3. **dirt:** The root directory to work from. default: Y:/Offshore scallop/Assessment/

**Section 1**

This encompasses all of the **import.hyd.data** function. Both **convert.dd.dddd.r** and **get.new.hyd.r** are used in this function. After 2008 the data is obtained via the formerly aptly named **get.new.hyd.r**. Given this data is not currently collected these functions could be run one last time and archived unless/until we decide we want to start this sampling again.

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