Terminology for the International Maritime Meteorological Archive (IMMA) format

• **IMMA0, IMMA1**: observational data formats
  – Record structure (moving to multi-record layout in IMMA1)
    • **Main** – contains all IMMA0 format elements, and **Noct**, **Ecr**, and **Uida** from IMMA1
      ✓ One and only one record per input marine report
    • **Subsidiary** – new for IMMA1, contains **Uida+Ivad**, and **Uida+Error**
      ✓ Can have many such records per Main
  – Format structural elements: **Core**
    • **Core** – Time/space location and many standard data fields (e.g. SLP, AT, SST, etc.)
  – Followed by zero or more attachments (attms), e.g.:
    • **Icoads** – ICOADS attm (SID, DCK, PT, ICOADS trimming/QC flags, etc.)
    • **Immt** – Additional standard surface met. (**Core+Immt** delivers content of IMMT format)
    • **Noct** – Near-surface oceanographic attm
    • **Ecr** – Edited cloud report attm
    • **Uida** – Unique report identifier (UID) attm (also includes Release specifications)
    • **Suppl** – Supplemental data attm (original data used to create IMMA)

• **IVAD** – ICOADS Value-Added Database
  – A project, and a MySQL database

• **Auxiliary** dataset
  – IMMA1 data processed for input to ICOADS, but not yet formally merged

• **Preliminary** near-real-time (NRT) data
  – Extending the record past the end of a delayed-mode Release with GTS data