

Metadata - Temporal Attributes

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International Hydrographic Organization

- Add dataset discovery metadata attributes to indicate the temporal extent of the dataset.
- Add an attribute to indicate when the succeeding dataset or update can be expected to be available.
- Keep the metadata simple.



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- Data for several products will be published at intervals.
 - The interval between publication will vary from producer to producer.
 - The interval between publication will vary depending on the nature of the contents.
 - Successive S-104 datasets with up-to-date water level information covering a region may be released daily or even more frequently.
 - Tidal prediction packages may be released annually.
- Temporal extents needed for selecting datasets for dynamic water level adjustment.
- For planning of system operations (e.g., accessing and integrating successive datasets) a machine-processable indication of anticipated availability is needed.
 - Automated transfer/pull operations, e.g., accessing a web service.
 - Semi-automated operational planning, e.g., set an alarm for users when a new dataset for a producted is anticipated.



IHO PROPOSED CHANGES AND EXAMPLES





IHO ISO 19115-X CONCEPTUAL MODEL – MAINTENANCE

1921-2021

