S-130PT1

2021-01-20

Opening and Welcome Introductions

S130PT1-1.1

Meeting Protocol

Meeting participants are kindly requested to note the following meeting protocols;

- Please keep your camera and microphone turned “**off”** if you are not talking or presenting.
- If you want to make an intervention, **please turn your camera and microphone on and raise (and wave) your hand** to indicate that you wish to speak. (Please turn your camera and microphone off when finished)
- Don’t forget to turn your microphone **“on”** before speaking, and **“off”** when finished.
- Please use the **“Chat”** function to communicate any text information to the meeting.
- It is intended to record the meeting for internal purpose only – please inform the secretary if you have an objection to this.
- If you have problems connecting using Firefox or other browser – please try using Chrome.

Introductions

- Name
- Organisation
- Country
- Experience & skills in geo-information management

Group Photo

(Please turn your camera on)

S130PT1-1.2

Select a voluntary Secretary

S130PT1-1.2

Scope of Project Team Rules of Procedure

S130PT1-1.3

https://iho.int/uploads/user/Services%20and%20Standards/HSSC/Project%20Team%20S-130/S-130PT_TOR_v1.pdf

Approval of Agenda

S130PT1-2

https://iho.int/uploads/user/Services%20and%20Standards/HSSC/Project%20Team%20S-130/S130PT01/S130PT01_2022_2_EN_Agenda_draft_rev1.pdf

Agenda 1-2

1st Meeting of S-130 Project Team

20 January 2022, (13:00 – 15:00, UTC+1, CET) / VTC Event

DRAFT AGENDA_rev1

Agenda item	Title	Lead	Remarks
1. Opening and Administrative Arrangements			
S130PT1-1.1	Opening and Welcome Introductions	Chair	brief self-introduction of all participants
S130PT1-1.2	Select a voluntary Secretary		
S130PT1-1.3	Scope of Project Team - Terms of Reference - Rules of Procedures		
2. Approval of Agenda			
S130PT1-2	Agenda	Chair	
3. Matters Arising from the PT and Others			
S130PT1-3	Review decisions and actions from HSSC based on A-2 decisions and related to the work of the PT	IHO Sec.	
4. Work Items			
S130PT1-4.1	Objective of meeting - Agreement of general design and elements of the future S-130 development process based on S-97	Chair	
S130PT1-4.2	Briefly discuss building blocks and timelines of the S-130 development process	All	
S130PT1-4.3	Discuss ways of distribution of work packages and meeting frequency	All	
5. Any Other Business (AOB)			
S130PT1-5	AOB	All	
S130PT1-6	Date of next meeting	Chair	
S130PT1-7	Review Action items	IHO Sec.	
Close			

Matters Arising from the PT and Others

S130PT1-3

Presentation

Agreement of general design and elements of the future S-130 development process based on S-97

S130PT1-4.1

S-97

(IHO Guidelines for Creating S-100 Product Specifications)

1. Objective

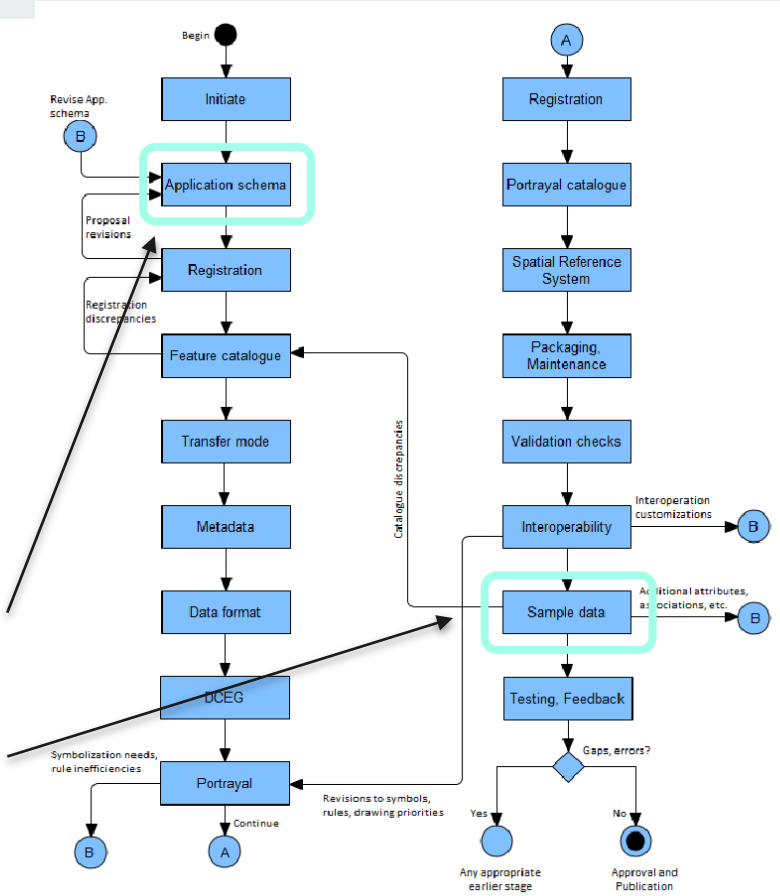
To develop the S-130 Polygonal Demarcations of Global Sea Areas Product Specification and Dataset.

1.1 The definition of S-130 should take into account the following:

- i) Define a proposed dataset model using a system of unique numerical identifiers only;
- ii) Create an S-100 conformant product specification for Polygonal Demarcations of Global Sea Areas, through the profiling or adaptation of existing IHO S-100-based product specifications (such as S-121, S-122 for instance).

1.2 Once the dataset model is approved, to propose recommendations for the subsequent production and distribution of this S-130 dataset including quality control, maintenance procedure and a basic user/information manual.

The scope of this Project Team under HSSC is strictly limited to technical issues only (items 1.9.1 to 1.9.3) in support of the implementation of Proposal 1.9 made at A-2.



Briefly discuss building blocks and timelines of the S-130 development process

S130PT1-4.2

S-97

(IHO Guidelines for Creating S-100 Product Specifications)

1. Objective

To develop the S-130 Polygonal Demarcations of Global Sea Areas Product Specification and Dataset.

1.1 The definition of S-130 should take into account the following:

- i) Define a proposed dataset model using a system of unique numerical identifiers only;
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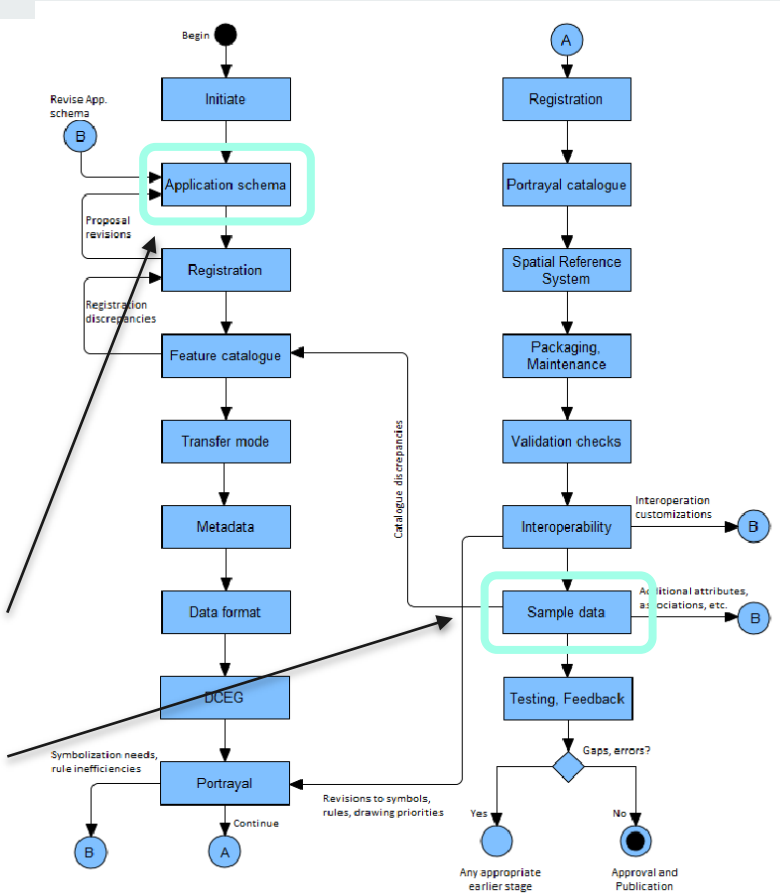
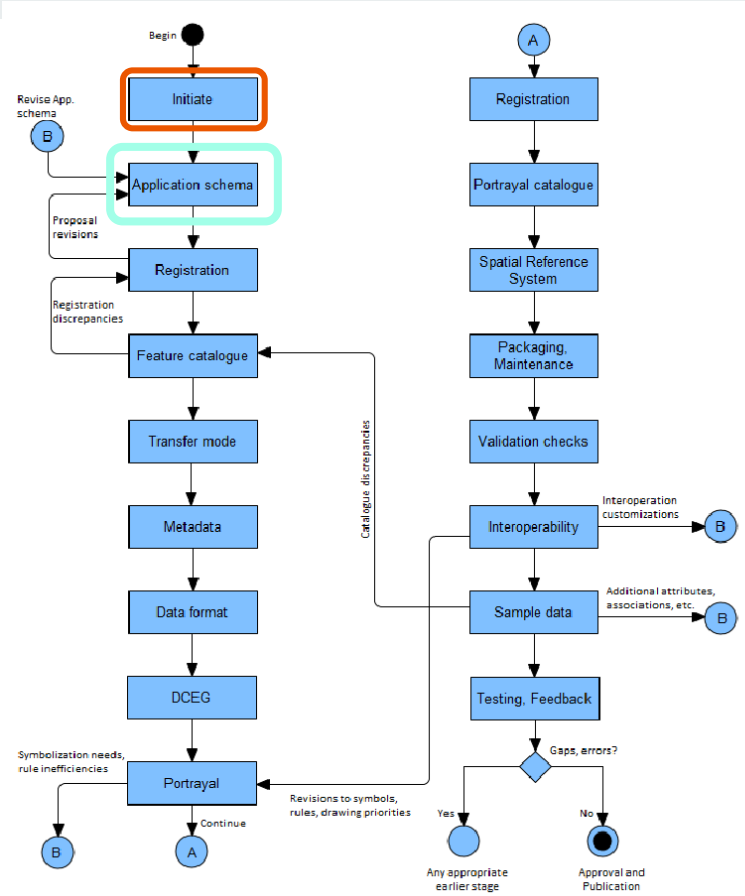


S-97

(IHO Guidelines for Creating S-100 Product Specifications)

Identify the need for a new data product; define its scope; and decide the boundaries between the new product and existing data Product Specifications. Obtain sample source material. Describe typical application use cases.

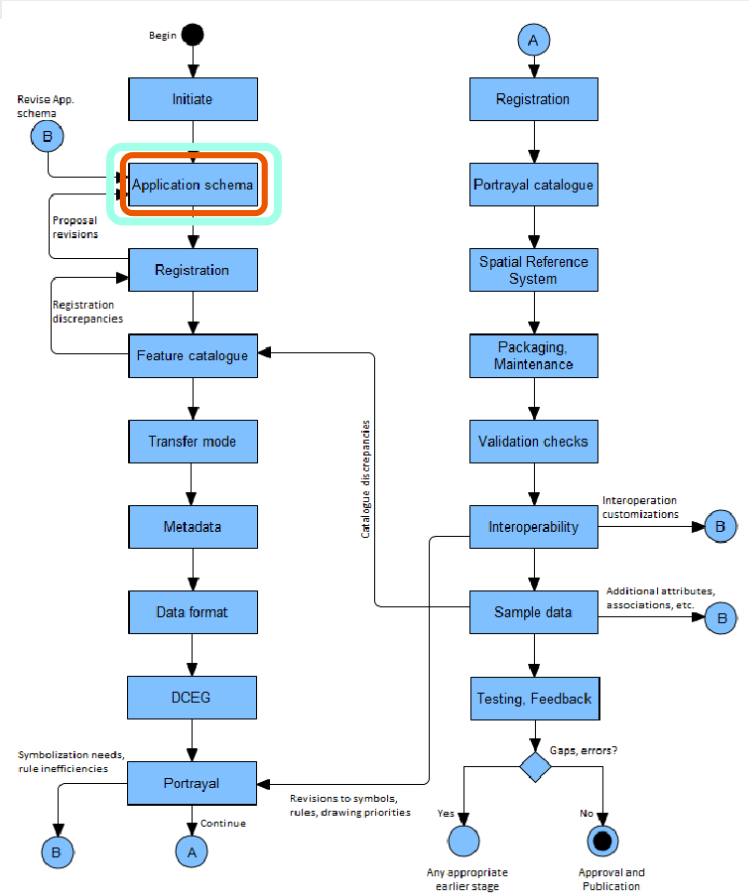
- **TO DO:** create product specification description
  - Product Specification Number
  - Title
  - Abstract
  - Product Specification Scope
  - Justification
  - Specification Interoperability
  - S-98 applicability
  - Cooperation with other HSSC WGs
  - Budget
  - Schedule



S-97

(IHO Guidelines for Creating S-100 Product Specifications)

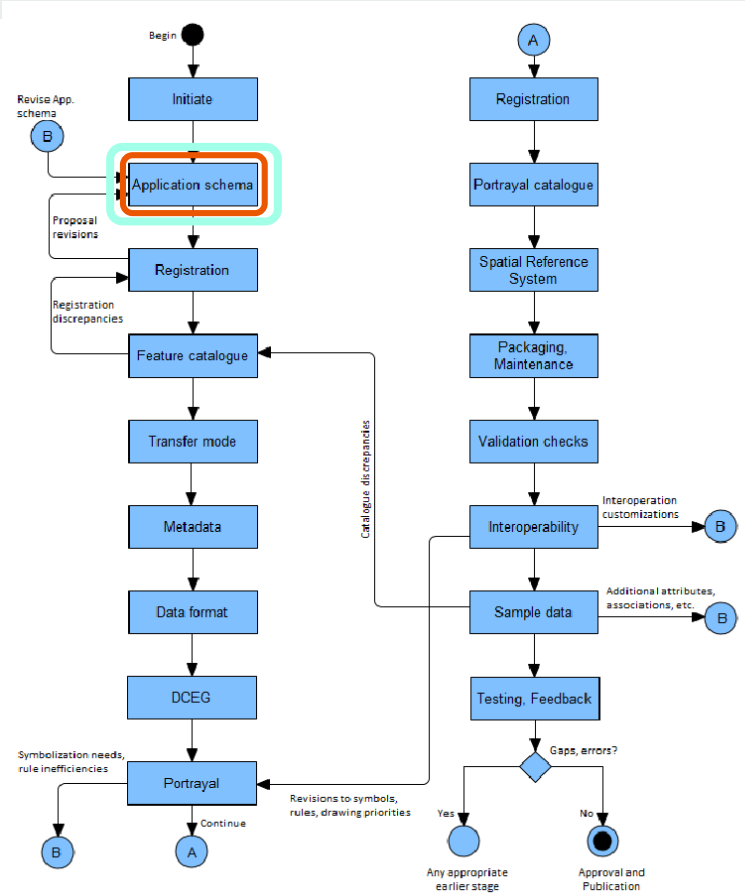
Define the classes and attributes that describe the domain and which are relevant to the data product. Define the relationships between the classes and specify applicable constraints. Prepare one or more UML diagrams describing the Domain Model.



S-97

(IHO Guidelines for Creating S-100 Product Specifications)

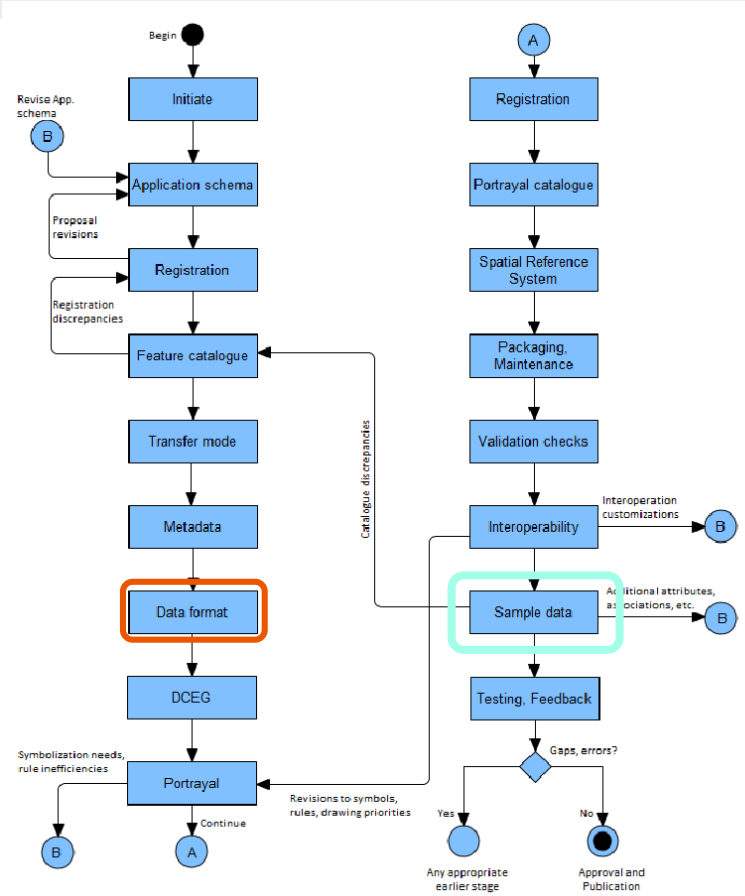
1. Determine whether the data product is coverage or vector data.
2. Identify the concepts in the application domain.
3. Search for existing concepts using key words (classes, attributes and relationships) in the IHO GI Registry which can be re-used.
4. Develop new concepts only for those that do not yet exist in the IHO GI Registry.
5. Define the classes and attributes that describe the domain and are relevant to the data product.
6. Define the relationships between the classes.
7. Specify any constraints applicable to the classes, attributes, and relationships.
8. Prepare one or more UML class diagrams describing the domain model.
9. Prepare supporting text explaining the overall structure of the Application Schema; and for each diagram explaining the purpose of each diagram and the relationships between the classes.



S-97

(IHO Guidelines for Creating S-100 Product Specifications)

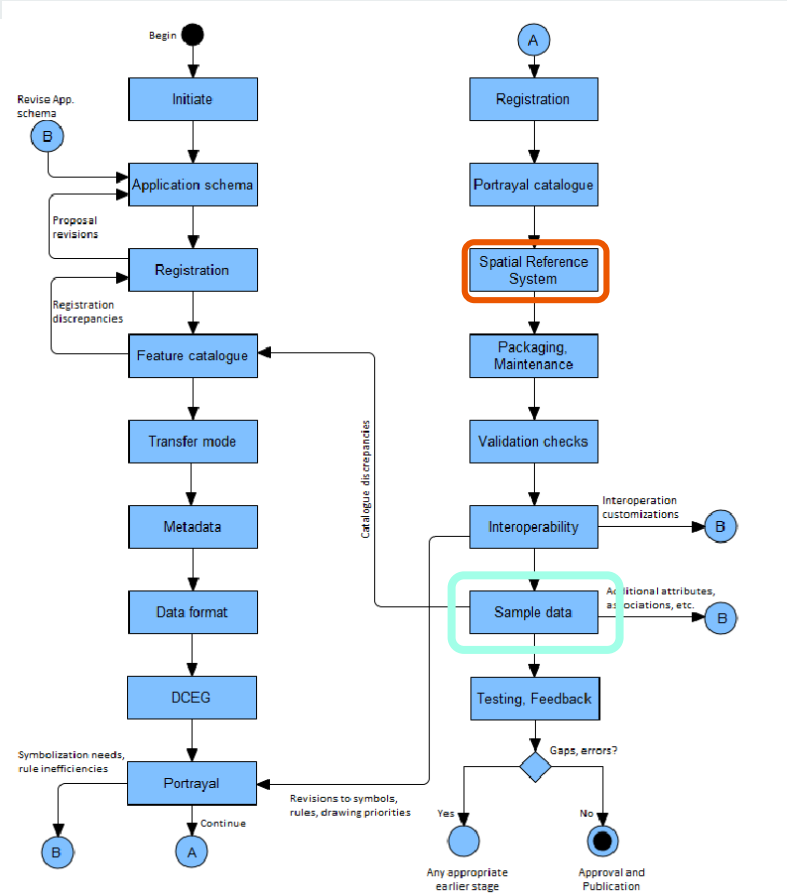
Select an appropriate data format. S-100 provides for 3 standard delivery formats (ISO 8211, GML, and HDF5). Define format-imposed items (for example embedded header metadata). Prepare format-specific artefacts if necessary (for example GML “application schema” XSD files for the GML format).



S-97

(IHO Guidelines for Creating S-100 Product Specifications)

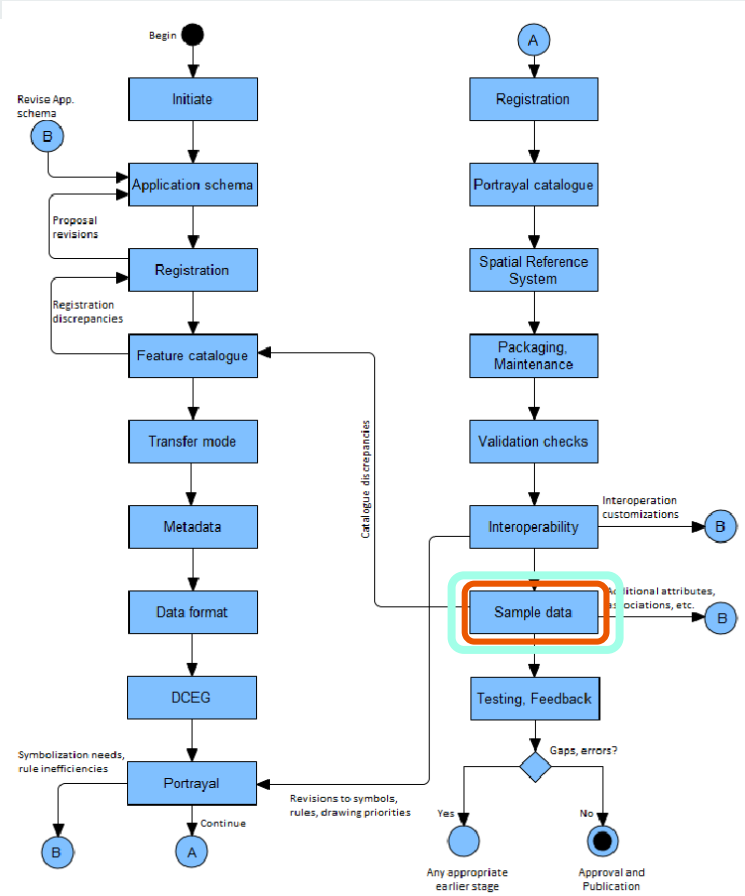
Identify the recommended coordinate reference system and vertical datum(s).



S-97

(IHO Guidelines for Creating S-100 Product Specifications)

Create sample datasets and exchange sets conforming to the data format, packaging, and Feature Catalogue defined in the Product Specification.



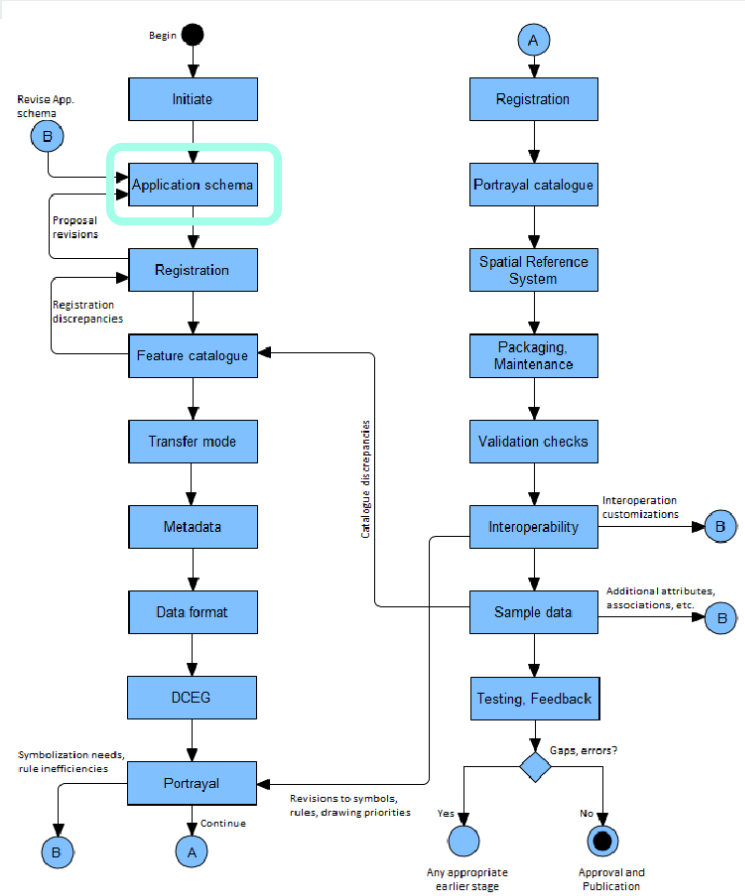
Discuss ways of distribution of work packages and meeting frequency

S130PT1-4.3

Expertise & capacity

Objective 1.1

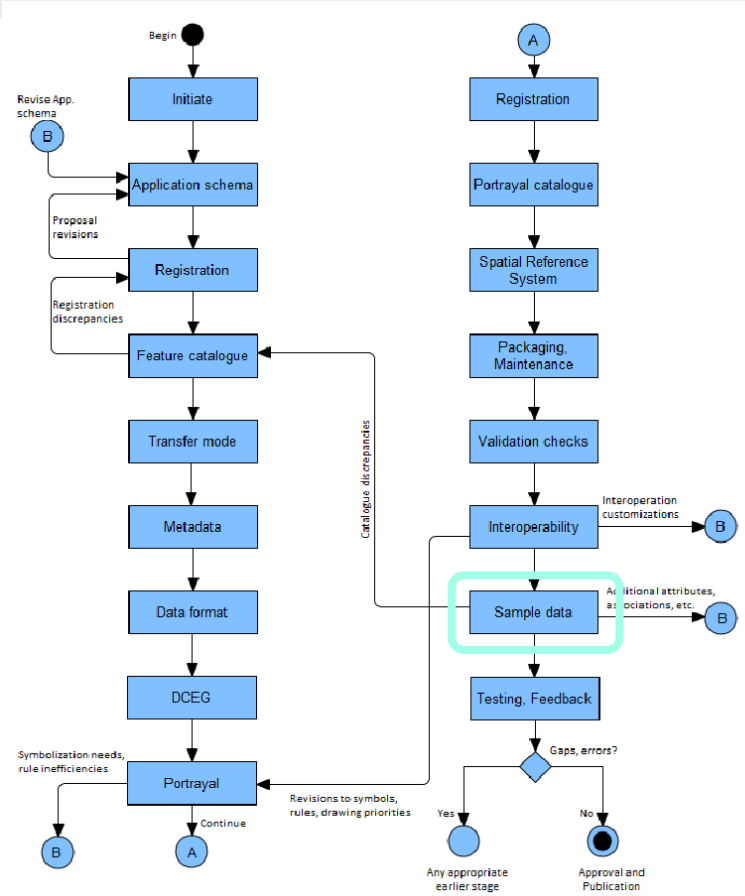
- Initiate
  - Prepare a draft product specification description (general purpose, main elements, structure) according to the relevant parts of S-97)
  - **Who? …**
- Application scheme
  - Define the classes and attributes that describe the domain and are relevant to the later reference data product based on
  - Evaluate existing concepts of S-100 based products already registered in the IHO GI Registry for smart reuse of key words (classes, attributes and relationships).
  - Set up a first list of suitable classess, attributes and relationships.
  - **Who? …**



Expertise & capacity

Objective 1.2

- Data format
  - To consider use of GML as data format
  - **Who? ALL**
- Spatial reference system
  - To consider use of WGS84 as SRS
  - **Who? ALL**
- Sample data
  - Proposal for source datasets (e.g. shoreline, vertices to build up polygons to be derived from S-23 Ed.3)
  - **Who? …**



AOB

S130PT1-5

Date of next meeting

S130PT1-6

Review Action items

S130PT1-7