S-128 CNP Discussion

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CONTENTS

- Overview of S-128 CNP(Catalogue of Nautical Products)
- S-128 Discussion

- CNP is developed to produce a data product that can be used as a Nautical Publication Information Overlay within navigational system such as ECDIS

- CNP covers the availability of paper charts, ENCs and other nautical products, applications for navigational purposes, online services and e-Navigation services.

- CNP includes their issue date, publication status, producing agency, source indication and coverage.

- CNP allows the producers to exchange catalogue of nautical products with interested stakeholders.
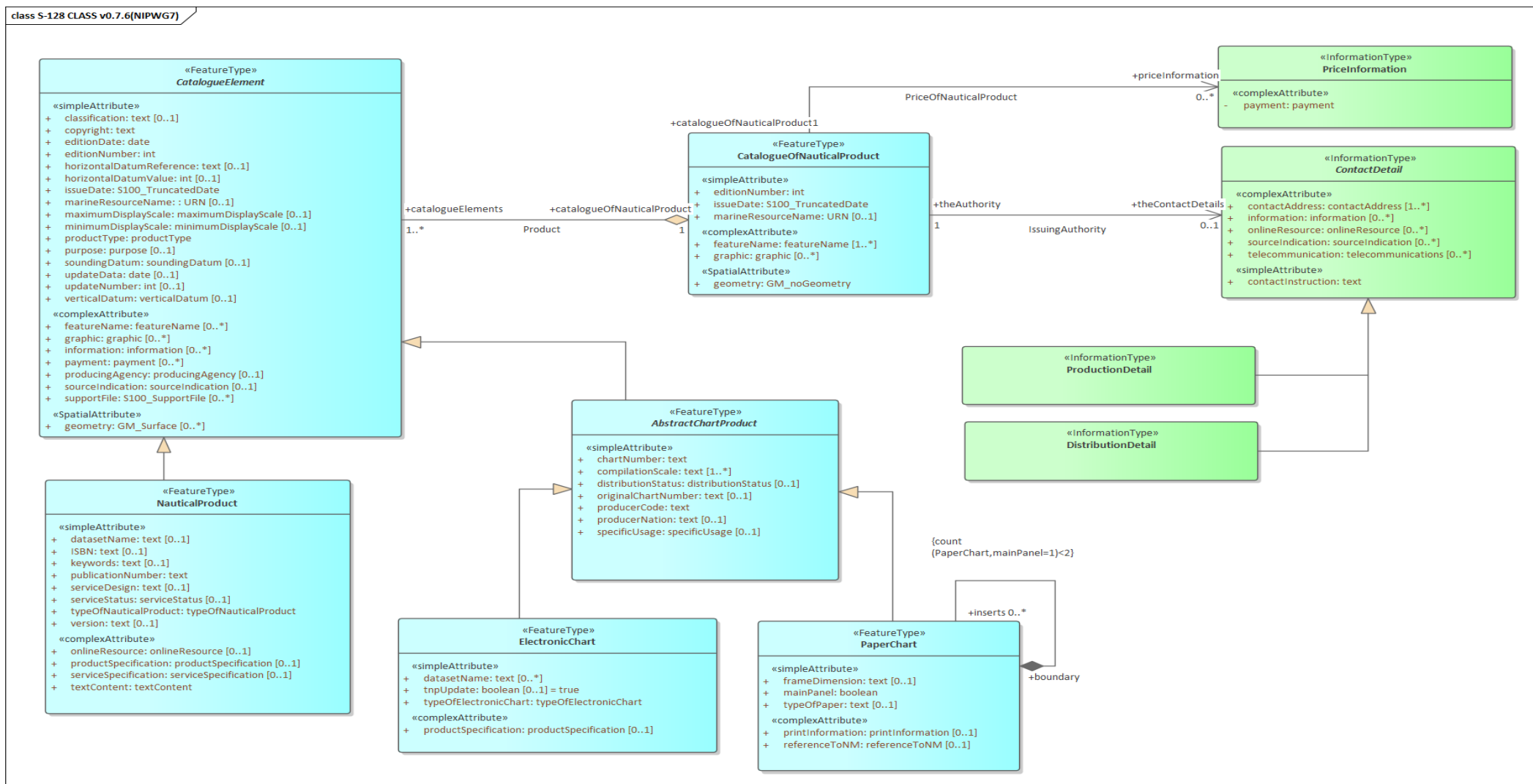
- Updated S-128 data model considering comments from NIPWG

- S-128 v.1.0.0.
  - Current version of S-128 is ready for v.1.0.0 endorsement
    - S-97 PS Readiness Level1 v.1.0.0 required component: Main Document, A Default Encoding, FC, DCEG
    - Supplement main body of Prod spec concerning scope and general guidelines
  - Submit to NIPWG with simple symbology of 128 for endorsement

- S-128 v.2.0.0.
  - Study Use case (e.g. PSC, INToGIS..) and upgrade S-128 model(higher level architecture)
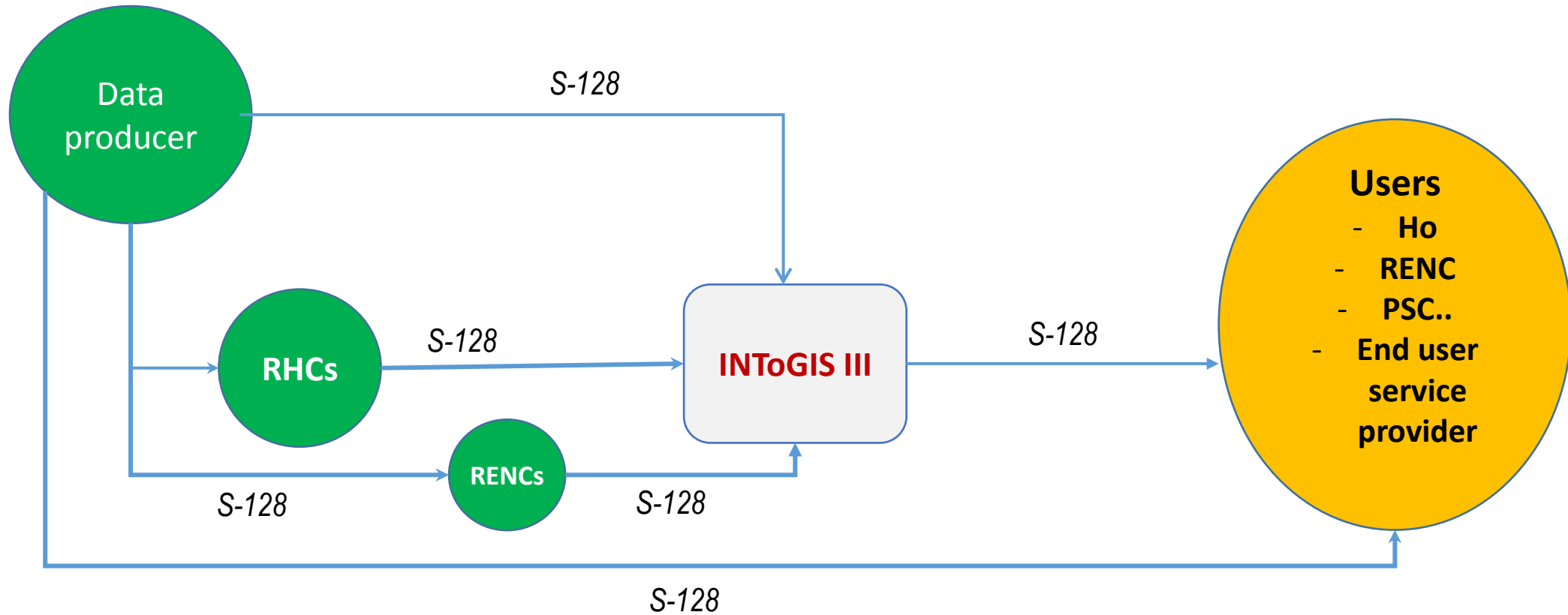 - S-128 2.0.0. will be align with S-100 5.0.0

- # S-1xx Product Catalog/Scheme by INToGIS III
  - ## INT chart, Paper chart, ENC and S-1xx Products

S-128 USE CASE TEMPLATE

Usecase name	**S-128 export from the list of national navigation publications(Webpage)**
Description	Generate S-128 by exporting gml file from the list of national products/publications
Initiator (Actor)	HO/RENC/INToGIS/IHO/RHS /PSC inspector/other HO/any users
Expected recipient	(if existed,) Initiator
Purpose of S-128 CNP	Planning/PSC/products management/others
Range of products	navigation mandatory/navigation optional/others
Pre-condition	S-10X Products have own metadata
Post-condition	Exported Catalogues of products

	Step	Action
Scenarios	1. Prod. metadata	Prepare the S-10X Products metadata
	2. Mapping	Extract data from the metadata according to the mapping table (guideline)
	3. S-128 data	Ceate the S-128 data with the medata

Post-condition	Exported Catalogues of products
Priority(assuming)	High/Medium/Low
Stakeholders	IHO, RENC, End users
Frequent of Use	To provide current status and update to dateness of S-10X Products
Exception	
Comments	template example

ACTION REQUIRED OF TSM

- Note this paper
- Invite TSM members to share S-128 Usecase