



NIPWG S-128 Monthly VTC (2024)

S-128 Ed 1.2.0 Work Status

NIPWG S-128 Monthly VTC04/24 (January 8th, 2024)

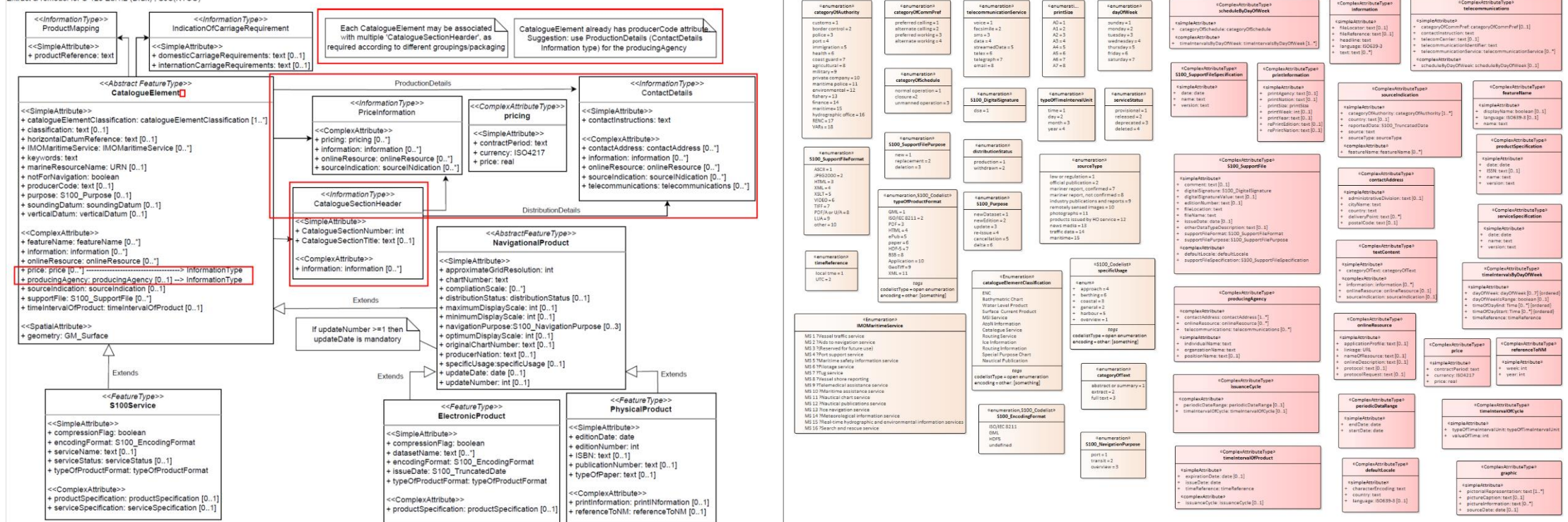


IHO S-128 ED 1.2.0 WORK STATUS

International Hydrographic Organization

- Action Item 23/25 : S-128 data model released
- Updated model was discussed in NIPWG VTC03
 - To cover various cases of hydrographic/maritime filed
- NTOU suggested revision about CatalogueOfNauticalProduct/Price

Extract & remodel for S-128 Ed.1.2 (Draft) . SJC(NTOU)





IHO S-128 ED 1.2.0 WORK STATUS

International Hydrographic Organization

- Action Item 32 : Register S-128 items to S-100 GI Registry
 - Export features and attributes from S-128 data model as CSV
 - 397 items; 4 features, 131 simple attributes, 36 complex attributes...
 - Registered : 164 items Similar : 24 items
 - Task of new item's definition will be proceed

Attribute Name	Attribute Type	Data Type	Element Type
classification	simpleAttribute	text	CatalogueElement
featureName	complexAttribute	featureName	CatalogueElement
geometry	SpatialAttribute	GM_Surface	CatalogueElement
graphic	complexAttribute	graphic	CatalogueElement
horizontalDatumReference	simpleAttribute	text	CatalogueElement
information	complexAttribute	information	CatalogueElement
timeIntervalOfProduct	complexAttribute	timeIntervalOfProduct	CatalogueElement
producerCode	simpleAttribute	text	CatalogueElement
IMOMaritimeService	simpleAttribute	IMOMaritimeService	CatalogueElement
notForNavigation	simpleAttribute	boolean	CatalogueElement
verticalDatum	simpleAttribute	verticalDatum	CatalogueElement
onlineResource	complexAttribute	onlineResource	CatalogueElement
catalogueElementClassification	simpleAttribute	catalogueElementClassification	CatalogueElement
featureName	complexAttribute	featureName	CatalogueOfNauticalProduct
graphic	complexAttribute	graphic	CatalogueOfNauticalProduct
issueDate	simpleAttribute	S100_TruncatedDate	CatalogueOfNauticalProduct
editionNumber	simpleAttribute	int	CatalogueOfNauticalProduct
marineResourceName	simpleAttribute	URN	CatalogueOfNauticalProduct
geometry	SpatialAttribute	GM_noGeometry	CatalogueOfNauticalProduct
deliveryPoint	simpleAttribute	text	contactAddress

IHO Geospatial Information Registry

Concept Register

Concept is a definition of object, information or phenomena of nature without any relation to other concept.

Status: Valid Category: Name

No	Name	Camelcase	Definition	Status	Date Accepted
1	Interoperability Identifier	interoperabilityIdentifier	A common unique identifier for entities which describe a single r...	Valid	2023-11-21
2	Electronic Navigational Data S...	electronicNavigationalDataSer...	A special-purpose database compiled from nautical chart and na...	Valid	2023-11-02
3	Vertical Clearance Unlimited	verticalClearanceUnlimited	A statement that expresses if the vertical clearance for a feature ...	Valid	2023-10-17
4	Sector Arc Extension	sectorArcExtension	An indication that the default radius of a sector arc is to be exte...	Valid	2023-10-17
5	Fender Berth	fenderBerth	A designated physical location of berth infrastructure where a ve...	Valid	2023-09-20
6	Category of Opening Bridge	categoryOfOpeningBridge	Classification of opening structures spanning and providing pass...	Valid	2023-09-20
7	Bridge Construction	bridgeConstruction	The bridge's primary shape and/or construction material.	Valid	2023-09-20
8	Arch	arch	A typically curved structural member spanning an opening and s...	Valid	2023-09-20
9	Bridge Function	bridgeFunction	A specific role that describes the purpose of a bridge.	Valid	2023-09-20
10	Vehicular	vehicular	Of, relating to, or designed for vehicles and especially motor veh...	Valid	2023-09-20

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KHOA Acknowledgements



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S-128 ED 1.2.0 APPROVAL PLAN

International
Hydrographic
Organization

- KHOA S-128 team plans to:
 - Create all parts of S-128 PS Package following the new data model
 - Submit of S-128 Ed 1.2.0 as redline version (End of January)
- Another work plan about S-128:
 - Define all new item's definition and editorial parts
 - Propose unregistered S-128 items to S-100 GI Registry
- The NIPWG members are invited to:
 - Support S-128 Ed 1.2.0 approval plan and task