



# NIPWG VTC Meeting (2024)

## **S-128 Work Status**



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# **S-128 ED 2.0.0 STATUS**

International  
Hydrographic  
Organization

- **Status about S-128 Ed 2.0.0:**
  - Submit S-128 Ed 2.0.0 Draft Version (29 March 2024)
  - Shared S-128 files based on VTC meeting (9 April 2024)
  - Review and comment on S-128 files
- **VTC Meeting:**
  - NIPWG VTC – Dedicated S-128#4 (8 January 2024)
  - NIPWG VTC – Dedicated S-128#5 (15 January 2024)
  - NIPWG VTC – Dedicated S-128#6 (5 February 2024)
  - NIPWG VTC – Dedicated S-128#7 (13 March 2024)
  - NIPWG VTC – Dedicated S-128#8 (4 April 2024)



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## S-128 ED 2.0.0 FIXES COMPLETED

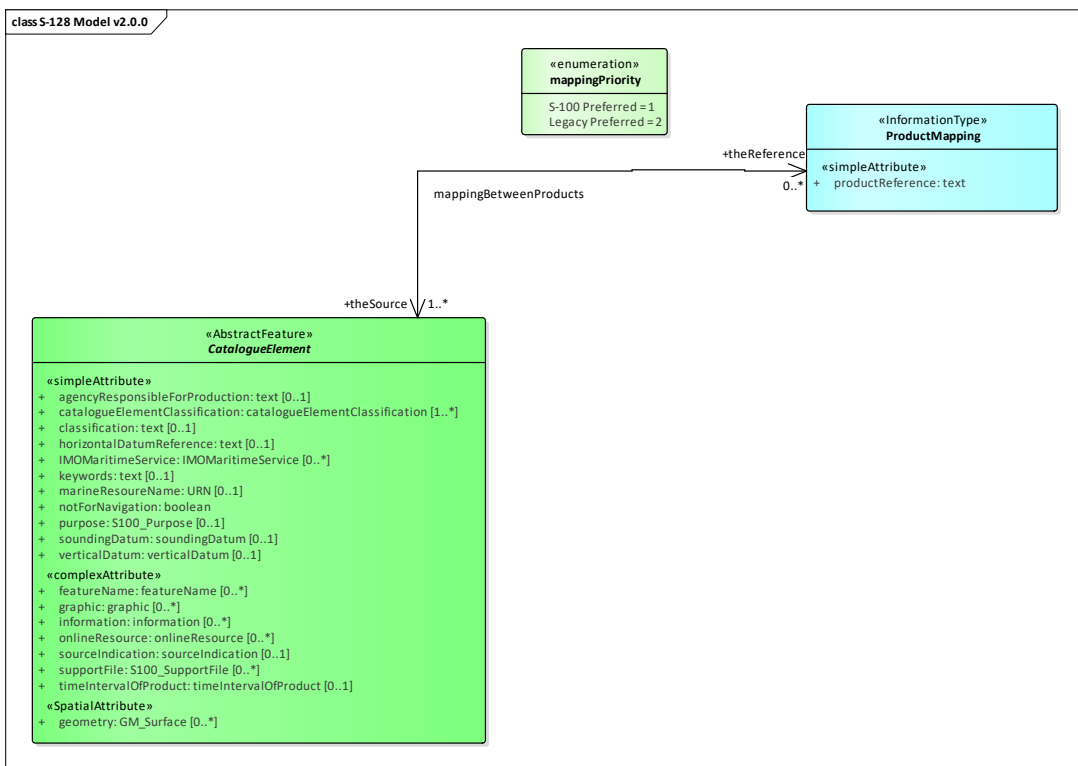
International  
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- **NIPWG VTC – Dedicated S-128#8 :**
  - **Action 2 :** Amendments discussed and agreed to be made to the data model, e.g. removal of ‘purpose’
  - **Action 3:** The ‘time’ value in typeOfTimeIntervalUnit enumeration to be changed to ‘hour’.
  - **Action 4:** DCEG to be updated with guidance re: how typeOfTimeIntervalUnit ‘should’ be used, e.g. encoding 2 days as days not 48 hours. Action not given to anyone.
  - **Action 7:** S100\_DigitalSignature value ‘DSA’ to be changed to ‘ECDSA-384-SHA2’

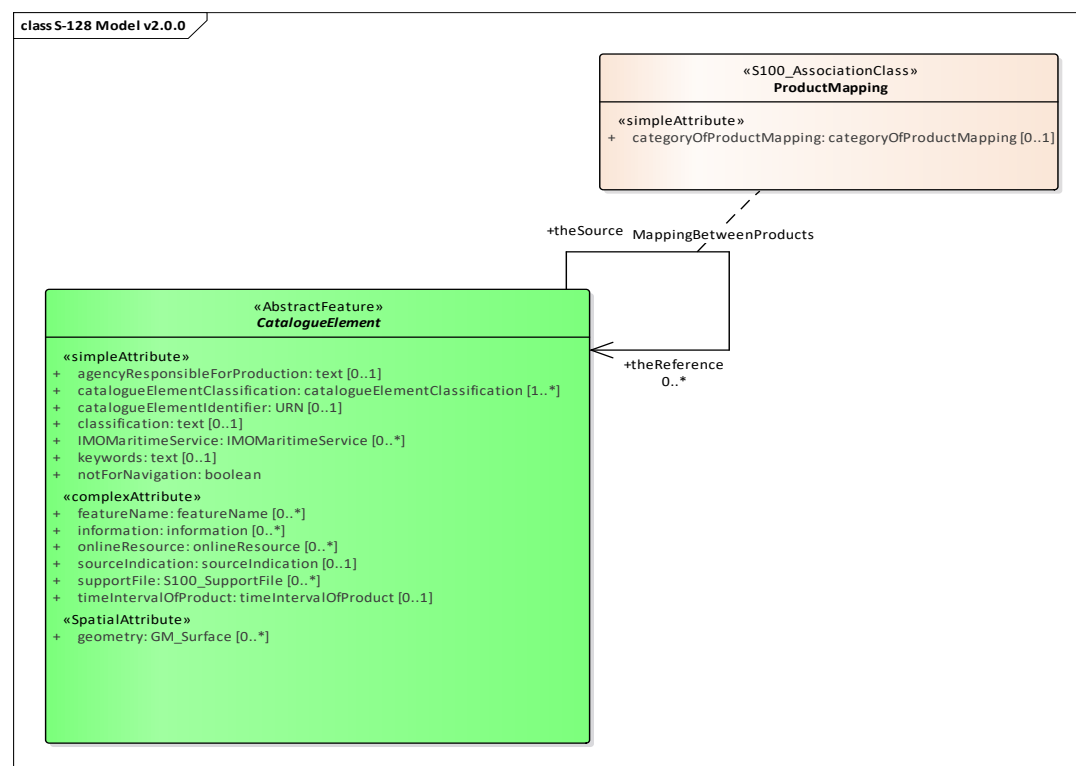


- **Modify product mapping**
  - Updated S-128 version including productmapping

## AS-IS



## TO-BE





- **Modify product mapping**
  - Updated S-128 version including productmapping

class S-128 Model v2.0.0

«S100\_AssociationClass»  
**ProductMapping**

«simpleAttribute»

+ categoryOfProductMapping: categoryOfProductMapping [0..1]

class S-128 Model v2.0.0

«enumeration»  
**categoryOfProductMapping**

1= higherPriorityAlternative  
2=lowerPriorityAlternative  
3=recommendedEnhancementProvider  
4=recommendedEnhancementUser



- **Validation check**
  - FeatureTypes referenced as informationTypes (wrong type)

ProductMapping -> informationBinding -> <S100FC:informationType ref="CatalogueElement"/>	PriceInformation -> informationBinding -> <S100FC:informationType ref="CatalogueElement"/>
<pre data-bbox="392 711 1345 975">&lt;!--&lt;S100FC:informationBinding roleType="association"&gt;   &lt;S100FC:multiplicity&gt;     &lt;S100Base:lower&gt;1&lt;/S100Base:lower&gt;     &lt;S100Base:upper xsi:nil="true" infinite="true" /&gt;   &lt;/S100FC:multiplicity&gt;   &lt;S100FC:association ref="mappingBetweenProducts"/&gt;   &lt;S100FC:role ref="theSource"/&gt;   &lt;S100FC:informationType ref="CatalogueElement"/&gt; &lt;/S100FC:informationBinding--&gt;</pre>	<pre data-bbox="1345 711 2361 968">&lt;!--&lt;S100FC:informationBinding roleType="association"&gt;   &lt;S100FC:multiplicity&gt;     &lt;S100Base:lower&gt;0&lt;/S100Base:lower&gt;     &lt;S100Base:upper xsi:nil="false" infinite="false"&gt;1&lt;/S100Base:upper&gt;   &lt;/S100FC:multiplicity&gt;   &lt;S100FC:association ref="PriceOfElement"/&gt;   &lt;S100FC:role ref="theCatalogueElement"/&gt;   &lt;S100FC:informationType ref="CatalogueElement"/&gt; &lt;/S100FC:informationBinding--&gt;</pre>



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# **CONCLUSION OF S-128 VTC MEETING**

International  
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Organization

- **Work plan for S-128 Ed 2.0.0:**
  - Modify S-128 file with review comments included (end of June 2024)
  - Final S-128 file to be shared with review comments included (1 July 2024)