



# 16<sup>th</sup> Meeting of the Hydrographic Services and Standards Committee

**Harmonised approach in S-1xx product data**

## **Agenda Item 7.1D**

HSSC-16, Tokyo, Japan, 27 – 31 May 2024



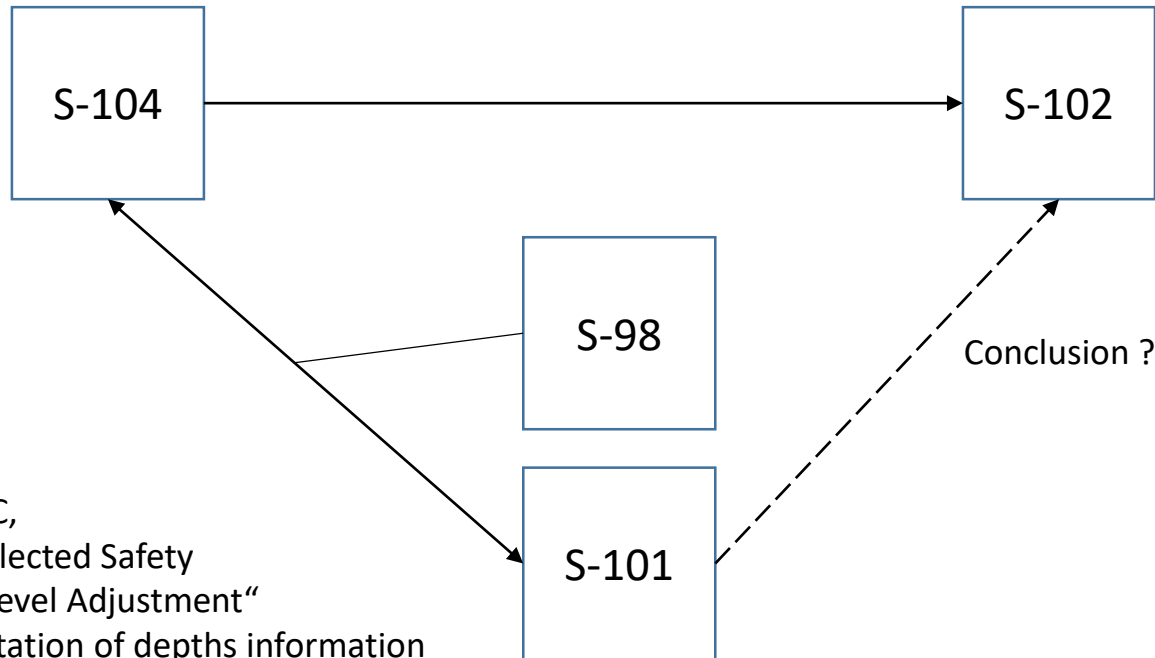
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# HARMONISED APPROACH IN S-1XX PRODUCT DATA

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## *Vertical coordinate reference systems*

S-104 defines for water level adjustment that  
“The vertical datum must be consistent  
with the bathymetric CRS in S-102”



S-98 Ed 1.0.0 Annex C,  
App. C-4 for „User Selected Safety  
Contour and Water Level Adjustment“  
The seamless presentation of depths information  
would require identical vertical reference systems  
for both S-101 and S-104 features



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# **HARMONISED APPROACH IN S-1XX PRODUCT DATA**

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## **Unstructured data provision**

- Possible screen clutter by many “I” symbols
- No possibility to search for particular content
- No machine readability
- No possibility to implement decision tools
- No automated alarms, indications
- No possibility to autofill templates etc.

## **Structured data provision**

- Appropriate portrayal possible
- Enhanced content search possible
- Content is machine readable
- Possibility to implement decision tools
- Generation of alarms and indications possible
- Autofill of templates possible



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# HARMONISED APPROACH IN S-1XX PRODUCT DATA

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## Unstructured

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        Rathausplatz 10, 26382 Wilhelmshaven
        Tel: +49 (0) 44 21 16 32 20, +49 (0) 1 72 8 14 52 76
        Fax.: +49 (0) 44 21 16 41 32 20
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## Structured

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<S127:SignalStationTraffic gml:id="DE.SigStaTra.03">
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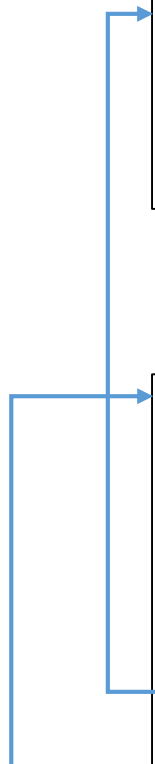
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</S127:ContactDetails>

```





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# ACTIONS REQUESTED FROM HSSC

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The HSSC is invited to :

1. Note the paper,
2. Consider the potential issues,
3. Initiate implementation in relevant S-100 Product Specifications,
4. Note to provide the same data model elements if information is applicable cross product boundaries in S-11 Part C (to be confirmed)