[Non-DoD Source] S-102 Dataset file naming

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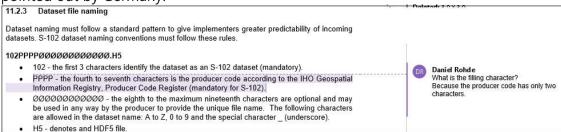
Fri 2/19/2021 9:43 AM

To: Haselmaier, Lawrence H Jr CIV USN NAVOCEANO SSC MS (USA) <lawrence.haselmaier@navy.mil>

📎 1 attachments (3 MB)
S-102PT7_2021_3.1_S-102_Ed2.1.0 - draftRedline_7Cs_BSH.doc;

Hello Lawrence,

I have a suggestion related to the chapter 11.2.3 Dataset file naming that could resolve the confusion pointed out by Germany:

The reason for using a 4 character production code relates to decisions made in previous S100WG meetings where the future expansion of S-62 (List of IHO Data Producer Codes) has been taken into consideration. This is also supported by the Dataset naming rules laid out in S-97 (Guidance for Product Specification Developers):

image.png

S-101 Product Specification has a bullet I think we could use also in S-102:

11.3.2 Dataset file naming

101CCCCØØØØØØØØØØ.EEE

The file name forms a unique S-101 identifier where:
- 101 - the first 3 characters identify the dataset as an S-101 dataset (mandatory).
- CCCC - the fourth to seventh characters identify the producer code of the issuing agency (mandatory for S-101). Where the producer code is derived from a 2 or 3 character format (for instance when converting S-57 ENCs), the missing characters of the producer code must be populated with zeros ("00" or "0" respectively) for the sixth and seventh characters of the dataset file name, as required.
- ØØØØØØØØØØ - the eighth to the maximum seventeenth characters are optional and may be used in any way by the producer to provide the unique file name. The following characters are allowed in the dataset name: A to Z, 0 to 9 and the special character _ (underscore).
- .EEE – new datasets and new editions use 000, updates start at 001 and increment until a limit of 999 (mandatory). Re-issues use the same number as the last Update applied to the dataset. Cancellations use the next sequential number from the previous Update applied to the dataset.

The suggestion would be to replace the second bullet in the 102 spec with the second bullet from the 101 spec.
I believe this would make it more clear how to encode the sixth and seventh characters and resolve the confusion.

Attached the redline with my suggestion added to Germany's comment.

Have a nice weekend.

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Best regards,

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