

Paper for Consideration by S-101PT

Attribute values for “day of the week”

Submitted by:	France
Executive Summary:	Attribute values for day of the week are not consistent with ISO 8601.
Related Documents:	S-100 5.1.0 (Part 10), S-101FC, S-101DCEG.
Related Projects:	S-101.

Introduction / Background

1. Although S-100 states that the reference for date elements is ISO 8601:2004, this is not the case for attribute **day of the week**.

Analysis/Discussion

2. S-100 is referenced to ISO standards. For date and times, ISO 8601:2004 is quoted in S-100 Ed. 5.2.0.
3. In ISO 8601, the first day of the week is Monday and the last day is Sunday. In the IHO S-100 GI Registry (and consequently in S-101) attribute values for **day of the week** range from 1 for Sunday to 7 for Monday.
4. It is proposed to change the attribute values to be consistent with ISO 8601, and change the reference from “Merriam-Webster Dictionary – 2019” to “ISO 8601:2004”.

Conclusions

The attribute values and reference for **day of the week** should be changed to be consistent with ISO 8601.

Recommendations

It is recommended to:

- Modify attribute values for **day of the week** in the IHO GI Registry and all S-1XX product specifications to start with value 1 for Monday and ends with value 7 for Sunday.
- Change the reference from “Merriam-Webster Dictionary – 2019” to “ISO 8601:2004”.

Action Required of S-101PT

The S-101PT is invited to:

- a) Discuss this paper;
- b) Agree on the recommendations;
- c) Take any further action if needed.