

Clarification Request

References: 135.1-2019 - 8.18.3 - Reading and Presenting Properties

Date of BTL-WG Response: 2022-12-01

Background:

Context: BTL certification for B-OWS profile.

In the 135-2016 Standard, table "K-3. Presentation Requirements by Datatype" indicates for datatype Date:

Present all valid dates, including values that contain unspecified octets (X'FF') or special date values (such as 'even days') which are defined for the Protocol_Revision claimed by the A device. **Where the month, day and year fields all contain singular specified values, the content of the DayOfWeek field may be ignored.** The format is unrestricted as long as each valid value is uniquely presented.

Problem:

One BTL test for B-OWS device (A side) consists in reading a date value containing a specified year, month and day fields, and an unspecified DayOfWeek field.

Our practical interpretation of the sentence in bold is the following: since the year, month and day fields contain singular specified values, the DayOfWeek field is ignored, and instead the IUT shows the "real" DayOfWeek corresponding to the date.

For example: the TD provides "10/10/2022 *" and the IUT presents "10/10/2022 1" to the user.

This causes the BTL test to fail because it is explicitly asked to verify that the DayOfWeek field is unspecified.

The test would also fail if the DayOfWeek field was completely ignored and not shown to the user.

Note: The unspecified value for DayOfWeek field is tested by other BTL tests, such as "fully unspecified date".

Question:

Could the aforementioned BTL test be ignored when the sentence in bold is applied by the IUT?

Response:

No. The test should not be ignored. Given the direction from Table K-3, the test should not fail if the IUT does not display the wildcard DayOfWeek or if the displayed DayOfWeek is the correctly calculated day.