

WG16 Issues - CIM Issues #5716

Date/DateTime attribute naming for WG16 classes

06/23/2022 10:33 AM - Herbert Falk

Status: Closed	
Priority: Normal	
Target version:	
Author/Contact Info: WG14-T. Kostic	Standard(s):
Base Release: IEC61970CIM14v12IEC61968CIM10v27 combined	Version:
Solution to be Applied To:	Clause: MarketOperations1268
Solution Version: N/A	Sub-Clause:
Solution Applied By:	Paragraph:
Completion Date:	Table:
CIM Keywords:	Originally Closed in Version:
Breaking Change:	Origination Date: 10/24/2009
Breaking Change Description:	Origination ID: 1274
CIM Impacted Groups: None	Originally Assigned To:
Requestor:	

Description

Date/DateTime attribute naming for WG16 classes.

AbsoluteDate attributes: n/a

AbsoluteDateTime attributes:

1) - ChargeProfileData.timeStamp

2)- PassThroughBill.effectiveDate

- PassThroughBill.transactionDate

- PassThroughBill.tradeDate

- MarketStatement.transactionDate

- MarketStatement.tradeDate

- MarketStatementLineItem.intervalDate

- Flowgate.coordinationStudyDate

- Flowgate.deletionDate

- MarketCaseClearing.postedDate

- MarketCaseClearing.modifiedDate

- MarketFactors.intervalStartTime

- Settlement.tradeDate

- UnitInitialConditions.statusDate

3)- PassThroughBill.previousStar, previousEnd

- PassThroughBill.serviceStart, serviceEnd

- PassThroughBill.billStart, billEnd

- MarketStatement.start, end

- Flowgate.inServiceDate, outOfServiceDate

- Pnode.beginPeriod, endPeriod

- Market.start, end

- Bid.startTime, stopTime

Proposed Solution

Rename uniformly to distinguish Date vs. DateTime, i.e., make attribute names end with DateTime.

1) Keep as is - makes no sense to append 'DateTime'.

2) Replace respective *Date and *Time with 'DateTime'.

3) Use a single attribute of compound type IEC61968::Common::DateTimeInterval instead of {start, end} attributes.

Decision

(9/9/2013) Propose to close issue. Updates to Date/DateTime attributes will be attended to during the subteam model review and preparation for developing of the WG16 North American Market profiles. During these reviews, the attention to Date/DateTime attributes will be included to provide for a consistency across naming of the attributes and the usage of the proper CIMDataTypes or compound types as necessary.

History

#1 - 07/19/2022 03:21 PM - Becky Iverson

- *Status changed from New to Closed*
- *Base Release changed from IEC61970CIM14v12 IEC61968CIM10v27 combined to IEC61970CIM14v12IEC61968CIM10v27combined*
- *Proposed Solution updated*
- *Clause changed from MarketOperations 1268 to MarketOperations1268*