

NWCG Data Standard Meta-data Definition

Status: ___ Draft ___ Proposal X Approved

Date: 15-Apr-2008

Name		
Data Attribute Name	Time Point	
Abbreviation	Time	
Contacts		
Data Stewardship Group (NWCG Working Team or Associated Group)	NWCG Data Administration Working Group	
Data Steward	Chair, NWCG DAWG	
Source Reference	ISO 8601:2004(E), International Organization for Standardization (ISO)	
System of Record	N/A	
Custodian	N/A	
Definition		
Description	A point in time during a 24-hour Coordinated Universal Time (UTC) day.	
	Data Exchange Standards	Data Entry Guidelines
Length	Maximum: 8 Minimum: 4	Maximum: Minimum:
Data Type	Numeric	Time
Case Sensitivity	n/a	n/a
Format	HHMMSS.SS HH = the hour of the day MM = the minutes after the hour SS.SS = the seconds after the minute	HH:MM:SS.SS HH = the hour of the day MM = the minutes after the hour SS.SS = the seconds after the minute
Example	0900 = the ninth hour of a UTC day 1412 = the twelfth minute after the fourteenth hour, UTC; i.e., 2:12 PM 091210 = twelve minutes and ten seconds after the ninth hour, UTC 1200 = the twelfth hour, i.e., noon 0003 = the third minutes of the day	09:00 = the ninth hour of a UTC day 14:12 = the twelfth minute after the fourteenth hour, UTC; i.e., 2:12 PM 09:12:10 = twelve minutes and ten seconds after the ninth hour, UTC 12:00 = the twelfth hour, i.e., noon 00:03 = the third minutes of the day
Business Rules		
<ol style="list-style-type: none"> 1. A number representing unit hours, minutes, or seconds shall always be two digits – it shall include a leading zero whenever it contains a single significant digit. 2. An instance of Time Point shall always have an associated UTC (Coordinated Universal Time) Date. 3. Midnight can be represented as 0000 (beginning of the day) or 2400 (end of the day). For example: "20070228 2400" and "20070301 0000" represent the same time point, i.e., midnight between February 28, 2007 and March 1, 2007. 		

This standard adopts the International Organization of Standardization (ISO) standard, ISO 8601, "Data elements and interchange formats - Information interchange - Representation of dates and times," for the representation of time of day. This NWCG data standard specifically adopts the third edition, ISO 8601:2004(E), approved in 2004.

For information regarding this document, contact:

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