IEC 61850 User Feedback Task Force - Support #501

PAUL MYRDA:
In SCL it is possible to define unbuffered report control blocks with indexed set to false but with max instances se

02/03/2021 02:07 PM - Herbert Falk

Status:	Closed		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:				
ID:	16		**To discuss in WG10:**	
Source:	IOP_2015		**Short Proposal:**	Need to fix the specification of indexed=false what the allowed value of max is (fix in part 6). Issue clear in the standard. Ed. 2 has the following restriction: "In case of buffered control blocks indexed may only be set to false, if only one instance of this type is possible, i.e. max=1." [Part 6] So "virtual URCBs" are allowed (indexed=false and RptEnabled>1). Just not for BRCB. issue 3: WG10 to write down the rules for mixed versions and NC need to comment on the CDV in order to bring this into the FDIS. (to be discussed before the next WG10 meeting (Chris, Pierre, Herb, Thierry, Camille))
TF Unique ID:	16 # IOP_2015		**Standard(s):**	6
WG10 Proposal:	Issue 3: Done and will be included in part 6 (annex I)		**Needs More Information:**	
Estimated Completion:			**Assigned TF:**	
Discuss in Upcoming Meeting:				

Description

PAUL MYRDA:
In SCL it is possible to define unbuffered report control blocks with indexed set to false but with max instances set to higher than 1. This was possible for edition 1 since IEDs where supposed to handle connection specific request, but this was modified in Edition 2. The text in part 6 edition 2 should be reviewed.

```
<ReportControl … indexed="false">
<RptEnabled max="7" />
</ReportControl>
```

Issue 1:
(Already reported) Indexed = "false" is not allowed when max > 1 (that is not in line with max = "7"). Index = "false" is ok if max = "1"
```
<ReportControl name="URep01" rptID="URep01" confRev="1" bufTime="250" buffered="false" intgPd="0" indexed="false"
datSet="URDSet01" desc="Predefined Unbuffered Report 01">
<TrgOps dchg="true" qchg="true" period="true" />
<OptFields seqNum="true" timeStamp="true" reasonCode="true" dataSet="true" dataRef="false" configRef="false" />
<RptEnabled max="7" />
```

Also, what does max="0" mean?
Issue 2:

(Implementation issue) Number of RCB :   <ConfReportControl max="14" bufMode="both" bufConf="true" />
But when we count all instances of RCB max = 56. Already clarified in TISSUE xyz

Issue 3:
When converting SCD file from revision 2007B to 2003 should SCT maintain modification of Data model NS revision (to change everything to 2003) or ICT should bypass this issue?

History

#1 - 06/21/2022 09:12 AM - Carlos Rodriguez del Castillo

- Status changed from New to Closed

Confirm to IEC 61850-6 editor that this issue has been accounted for.