IEC 61850 User Feedback Task Force - Feature #6219

Parameters not available in standardized LN - VRtg, ARtg and HzRtg

01/16/2023 09:04 AM - Carlos Rodriguez del Castillo

Status:	In Progress	**Start date:**	11/24/2020
Priority:	Normal	**Due date:**	05/24/2021
Assignee:		**% Done:**	0%
Category:	Standard extension required	**Estimated time:**	0.00 hour
Target version:			
ID:	54	**To discuss in WG10:**	No
Source:	RTE	**Short Proposal:**	
TF Unique ID:	54 # RTE	**Standard(s):**	IEC 61850-7-4
WG10 Proposal:	This information should be part of the source to guarantee consistency of information	**Needs More Information:**	Yes
Estimated Completion:		**Assigned TF:**	
Discuss in Upcoming Meeting:	No		

Description

New parametres need to be modelled since they are not available in standard LNs.
This issue refer to VRtg, ARtg and HzRtg parameters, as explained in the attached documents by RTE.

Proposal descriptions

Last WG10 comment: VRtg – ARtg – HzRtg: Similar to the other ones, this information should be part of the source to guarantee consistency of information, rather than having the same setting in all of the P-logical node instances. The question is how to be able to get this information and how to be sure that the information is in the CID file of the IED that needs the information. Possibilities: ExtRef with Poll method

Related issues:

Copied from IEC 61850 User Feedback Task Force - Feature #6218: Parameters no...	**In Progress**	**11/24/2020**	**05/24/2021**
Copied to IEC TC57 WG10 Future Work - WG10 Future Work #6220: Parameters not ...	**New**	**11/24/2020**	**05/24/2021**

History

#1 - 01/16/2023 09:04 AM - Carlos Rodriguez del Castillo

- Copied from Feature #6218: Parameters not available in standardized LN - PhyConnITF added

#2 - 01/16/2023 09:04 AM - Carlos Rodriguez del Castillo

WG10 comment:
VRtg – ARtg – HzRtg: Similar to the other ones, this information should be part of the source to guarantee consistency of information, rather than having the same setting in
all of the P-logical node instances.
The question is how to be able to get this information and how to be sure that the information is in the CID file of the IED that needs the information.
Possibilities: ExtRef with Poll method
RTE comment:
The use case here is different from NamAccRtg: it is not correct that these informations should be taken from TCTR/TVTR, since they correspond to the rated voltage / current of the
instrument transformer. For protections functions, the rated voltage and current of the corresponding feeder has to be used, and it may be different from the instrument transformers rating.

#3 - 01/16/2023 09:07 AM - Carlos Rodriguez del Castillo

- ID changed from 19 to 54

- TF Unique ID changed from 19 # RTE to 54 # RTE

#4 - 01/16/2023 09:10 AM - Carlos Rodriguez del Castillo

- Copied to WG10 Future Work #6220: Parameters not available in standardized GAPC LN - opDITmms, DITmms added

#5 - 02/28/2023 09:34 AM - Vladan Cvejic

- Status changed from New to In Progress

#6 - 02/28/2023 09:41 AM - Vladan Cvejic

It is concluded that issue has to be presented and discussed on next joint meeting of TC57 & TC38 & TC95 in Lyon (May 25th, 2023). Will be presented by Maud Merley.

#7 - 02/28/2023 09:42 AM - Vladan Cvejic

- Discuss in Upcoming Meeting changed from Yes to No

Files

20210326-RTE Use cases 622.docx	20.2 KB	05/25/2021	Carlos Rodriguez del Castillo
20210326-RTE Use cases 622_v2.docx	24 KB	12/05/2022	Maud Merley