

NOTE: The Stakeholder comments with visibility "None" are not included in this consultation report.

**Type of comments**  
 E Editorial  
 T Technical  
 G General

**Acceptance code**  
 A accepted  
 P partially accepted  
 N noted  
 R Refused

id	lang	company	file	section	type	text proposal	comment	synergrid answer	acceptance code
F.1	nl	Company C	C2-113-5 Fluvius_170124-for_consultation_2.pdf	4.2	T	An internal arc test in the cable compartment shall be performed if the cables compartment communicates with the gas evacuation path in case of an internal arc in the gas-filled compartment.	Lijn 25: Eveneens geëist indien afgescheiden is van gasafvoerkanaal igv fout in de kuip? Resultaat zal zijn dat veel constructeurs geen afscheiding meer zullen plaatsen waardoor de operator moedwillig wordt blootgesteld, bij werken met geopende deur, aan een véél hoger risico aangezien het effect dramatisch kan zijn.  Wat met de aansluitingen aan de transfo enkele meters verder zonder enige afscherming?	For Fluvius, test shall be performed even if there is no communication between the cable compartment and gas evacuation path, in case of an internal arc in the gas-filled compartment.  Transformer is other standard and safety principle	Refused
F.2	fr	Company D	C2-113-5 Fluvius_170124-for_consultation_2.pdf	4.2	T	4.2 not clear. Closing and opening maintained command. Then remove the opening command. + it concerns item 4.1 and 4.2 instead of 3.1 and 3.2 (Test sequence 4).		Numbers changed to 4.1 and 4.2 : 4.2 - Text changed to : Opening and Closing command (maintained) -> the opening command is removed	Accepted
F.3	nl	Company B	C2-113-5 Fluvius_170124-for_consultation_2.pdf	4.2 RATINGS	T		Line 19: Fluvius only allows switchgear with following rating / What are the ratings specified at 17,5kV ? See answer question on line 306 of document c2113-xEd.2-DPC - Consultation Report	See C2-113-5 § 4.2 Ratings. 17.5 kV is not mentioned.	Noted
F.4	fr	Company D	C2-113-5 Fluvius_170124-for_consultation_2.pdf	10.3.3	T	Line 238 §10.3.3: Item 1.3 not clear. Closing and opening maintained command. Then remove the opening command.		1.3 - Text changed to : Opening and Closing command (maintained) -> the opening command is removed	Accepted
F.5	fr	Company D	C2-113-5 Fluvius_170124-for_consultation_2.pdf	10.3.3	T	Line 240 §10.3.3: Item 2.3 not clear. Closing and opening maintained command. Then remove the opening command.		2.3 - Text changed to : Opening and Closing command (maintained) -> the opening command is removed	Accepted
F.6	fr	Company D	C2-113-5 Fluvius_170124-for_consultation_2.pdf	10.3.3	T	Line 242 §10.3.3: Item 3.2 not clear. Closing and opening maintained command. Then remove the opening command.		3.2 - Text changed to : Opening and Closing command (maintained) -> the opening command is removed	Accepted
F.7	fr	Company D	C2-113-5 Fluvius_170124-for_consultation_2.pdf	12.2	T		Line 301 §12.2: Only auxiliary voltage protective relay are allowed? Please clarify in the text.	Text not for consultation. No, relays types homologated C10/20 A are also allowed. Text will be added : "The protective relays must be homologated and included on the list C10/20 part A or B."	Accepted
O.1	fr	Company D	C2-113-5 Ores final_130224	4	T		Line 102 §4: No requirement about the need of inspection windows on the billing metering panel. Should we consider now that no DSOs need this old requirement ?	The old requirement of an inspection window on the front side of the HV metering compartment of the Metering FU is indeed not applicable anymore for any DSO. It has been removed from the text in the new C2/113-4 and in all C2/113-5 of the different DSO. NB : this topic is dealt in C2/113-4 chapter 6 and not in C2/113-3	Noted
O.2	fr	Company D	C2-113-5 Ores final_130224	4.2	T		Line 119 §4.2: FS shall be strictly lower than 5 ? This is in contradiction with section 6.1. Please confirm.	"FS < 5" is indeed in contradiction with chapter 4.2 of C2/113-3 and is incorrect. Text of line 119 will be removed and text of lines 120 & 121 will be adapted as follows : "For CT's with a rated primary current Ipr ≤ 25 A and a rated short-time thermal current Ith ≥ 20 kA – 1s, an instrument security factor FS ≤ 20 (> FS 5) is tolerated." NB : the value FS 5 in chapter 6.1 of additional requirements to C2/113-4 in C2/113-5 Ores concerns the possible second winding of CTs in the metering FU	Accepted
O.3	fr	Company D	C2-113-5 Ores final_130224	4.2	G	Line 135 §4.2: ambiguous. I prefer ... is also allowed.		Text will be adapted as requested as follows : "A rated output > 10 VA is also allowed"	Accepted
R.1	nl	Company C	C2-113-5 Resa.pdf	4.2	T	Line 131: U<10kV, Ur 17.5kV is accepted.	Line 131: U<10kV, Ur 12kV accepted. Is 12kV futureproof?	The text will be adapted	Noted
R.2	nl	Company B	C2-113-5 Resa.pdf	4.2 RATINGS	T	Line 143 : Ration 6600/r3, 11000/r3, 15400/r3	Doesn't 6600/r3 and 11000/r3 cover the ratings 6300/r3, 10400/r3, 10600/r3 and 10900/r3 ?	Yes they do. Text is adapted.	Accepted
R.3	nl	Company C	C2-113-5 Resa.pdf	6.2	T	An extra set of nameplates for the VT's en CT's must be present on the inside of the HV billing metering function.	Line 255: As the LV compartment is easily accessible, why can the extra set ratings plates not be placed inside the LV compartment as requested by other utilities? This means they are not subjected to UV and are less exposed to moisture.	The text will be adapted.	Accepted
R.4	fr	Company D	C2-113-5 Resa.pdf	6.2.4	T		Line 256 §6.2.4: a writing indication L1,L2,L3 is already present on our product. Additional colored stickers seem unnecessary.	The text will be adapted accordingly.	Accepted
R.5	fr	Company D	C2-113-5 Resa.pdf	7.2	T		Line 267 §7.2: We noted that no dedicated connection system for HV cables testing as previously required for RESA. Please confirm.	The text will be adapted.	Noted
R.6	nl	Company C	C2-113-5 Resa.pdf	7.3	T	Regarding the earthing circuit included in the cable compartment of FU KKNx and DKNx, the connection points shall be positioned as such that they are easily accessible from the opened cable compartment with the cables mounted.	Line 274: Whether or not the earthing cable is long enough depends on the skill of the installer, not the manufacturer. If switchgear with Ur = 24kV is requested and a 12kV cable termination is installed with minimal loss of cable, it is the responsibility of the installer.	Noted.	Noted
S.1	fr	Company D	C2-113-5 Sibelga_20240202.pdf	4.2	E	Line 141: Short-time not Shirt		the text will be adjusted accordingly.	Accepted
S.2	nl	Company C	C2-113-5 Sibelga_20240202.pdf	5	T	DSU specific components that use a signal of the VDIS as input shall not be connected to testing points of the VDIS installed on a FU connected to the distribution grid. The DSU is responsible to provide the auxiliary voltage for the VDIS equipped with auxiliary contacts.	Line 197: There should be a possibility to use the contacts of the VDIS for an automatic reclosing function	the text will be adjusted accordingly.	Accepted
S.3	nl	Company C	C2-113-5 Sibelga_20240202.pdf	6	T	An extra set of nameplates for the VT's en CT's must be present on the inside of the HV billing metering function.	As the LV compartment is easily accessible, why can the extra set ratings plates not be placed inside the LV compartment as requested by other utilities? This means they are not subjected to UV and are less exposed to moisture.	the text will be adjusted accordingly.	Accepted
S.4	nl	Company C	C2-113-5 Sibelga_20240202.pdf	7.2	T	The dedicated connection system for dielectric tests on cables shall be located at the front side OR on the upper part of the FU K.	Cable test point should only be present on one side, Front or Top side?	the text will be adjusted accordingly.	Accepted
S.5	fr	Company D	C2-113-5 Sibelga_20240202.pdf	7.2			Line 218 §7.2: We are not able to provide this type of solution for Sibelga. The volume are small to develop this solution and the SF6-free technology is in his beginning.	the comment is taken into account	Noted
S.6	nl	Company B	C2-113-5 Sibelga_20240202.pdf	7.2 HV SWITCHGEAR OF CAT. AA1X/AA20	T	Line 236 : The manufacturer can propose an alternative concept for validation by Sibelga deviating from this design during the homologation procedure	Line 236 Can you add this text for the design	the text will be adjusted accordingly.	Accepted.
S.7	nl	Company C	C2-113-5 Sibelga_20240202.pdf	9.1	T	In any case, it must be impossible to perform an electrical operation on a motorized switchgear after an internal arc has happened.	As long as the FU is not motorized, the "Vitale 5" must be respected and the operator should check the indicator. The indicator is clearly label yellow with a red arc to attract his attention.  The impact of a mechanical interlock on one or more FUs in a RMU with manual operation is complex and not part of a general national or international standard.	the text will be adjusted accordingly.	Accepted