

Distribution Transformer Subcommittee Task force / Working Group Report

Document #: C57.12.35

Document Title: **Bar Coding for Distribution Transformers and Step-Voltage Regulators**

Chair: Rhett Chrysler Vice-Chair Jerry Murphy

Secretary Alan Traut Per Cent Complete 25

Current Draft Being Worked On: D2 Dated: October 2020

Meeting Date: April 27, 2021 Time: 12:55pm CDT

Attendance:	Members	<u>18</u>
	Guests	<u>21</u>
	Total*	<u>39</u>

* For details of attendance, please refer to AMS system of the Transformers Committee

Meeting Minutes / Significant Issues / Comments:

1. Chair called the meeting to order at 12:55pm CDT.
2. Total attendance of 39 is listed below. 18 of 24 members present and quorum was verified (75%). 1 guest requested membership.

First Name	Last Name	Affiliation	Role
Glenn	Andersen	Fayetteville PWC	Member
Gregory	Ante	Southern California Edison	Guest
Israel	Barrientos	Prolec GE	Member
Darren	Brown	Howard Industries	Member
Rhett	Chrysler	ERMCO	Chair
Carlos	Gaytan	Prolec GE	Member
Ali	Ghafourian	H-J Enterprises, Inc	Guest
Kenneth	Hampton	Baltimore Gas & Electric	Member
Ramadan	Issack	American Electric Power	Member
Kristen	James	EATON Corporation	Guest
Gary	King	Howard Industries	Member
Andrew	Larison	Hitachi ABB Power Grids	Guest(R)
Christopher	Lianides	Southern California Edison	Guest
Alejandro	Macias	CenterPoint Energy	Member
Lee	Matthews	Howard Industries	Member
Kent	Miller	Consultant	Guest
Michael	Morgan	Duke Energy	Member
Dan	Mulkey	Mulkey Engineering	Member
Jerry	Murphy	Reedy Creek Energy Services	Vice Chair
Dwight	Parkinson	EATON Corporation	Guest
Chris	Pitts	Howard Industries	Guest
Jimmy	Rasco	Rasco Consulting, LLC	Guest

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Martin	Rave	ComEd	Guest
Robert	Reepe	Georgia Power Co.	Guest
Albert	Sanchez	Knoxville Utilities Board	Guest
Avijit	Shingari	Pepco Holdings Inc.	Member
Stephen	Shull	BBC Electrical Services, Inc.	Member
Adrian	Silgado	IFD Corporation	Guest
Edward	Smith	H-J Family of Companies	Member
James	Spaulding	Fort Collins Utilities	Guest
Eric	Theisen	Metglas, Inc	Guest
Michael	Thibault	Pacific Gas & Electric	Member
Alan	Traut	Howard Industries	Secretary
Jeremy	Van Horn	IFD Corporation	Guest
Joshua	Verdell	ERMCO	Guest
Duy	Vo	Central Maine Power (AVANGRID)	Guest
Shelby	Walters	Howard Industries	Guest
Bruce	Webb	Knoxville Utilities Board	Guest
Alan	Wilks	Consultant	Guest

3. Chair called for identification of essential patents pertaining to the work of this WG. None brought forward to the TF. Copyright policy presented.
4. Motion to approve meeting agenda by Ed Smith, 2nd by Lee Matthews, Approved unanimously.
5. Motion to approve Fall 2020 (Virtual) meeting minutes by Steve Shull, 2nd by Ed Smith, Approved unanimously
6. Chair Report
 - a. Chair announced that Jerry Murphy has volunteered to be vice chair of this working group.
 - b. PAR for revision of C57.12.35 approved on 6/13/19 with an expiration date of 12/31/2023. The current published document also expires 12/31/2023.
7. Old Business
 - a. TF Report on QR Code – Israel Barrientos, Issack Ramadan, Dan Mulkey, Ken Hampton.
 - i. Israel presented an example of converting the C57.12.37 electronic test data to QR codes, one with the standard data set, one with the extended data set.
 - ii. Steve Shull suggested adding a unique de-limiting character to differentiate the fields in the file, eg, a pipet symbol.
 - iii. Steve Shull made a motion to form a new task force to survey users in the Distribution Subcommittee to get feedback on the use of QR codes, what information should be included in the permanent code and the temporary code. New TF includes Rhett Chrysler, Israel Barrientos and Mike Thibault. A proposed questionnaire will be developed and circulated within the WG for comment. Rhett to develop a timeline for this TF.
 - b. TF Report on Editorial Review – Darren Brown, Ed Smith, Alan Traut (carryover from F20 meeting)
 - i. Figure 7 missing side location for label placement, Alex Macias volunteered to create side view for inclusion

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- ii. TF raised the issue regarding use of “manufacturer” vs “producer” in the document, especially regarding the identification of the serial number.
 - iii. Motion made by Steve Shull, 2nd by Alex Macias to use “manufacturer” throughout the 12.35 document in place of “producer”. Motion carried 16 for, 0 against, 1 abstain.
8. New Business
- a. A request for a new manufacturer code ‘NS’ from Gilbert Kozar of Northeast Transformer Services. The code NS is presently unassigned. Since the list of manufacturer codes is in a separate file and not part of the 12.35 document, Rhett Chrysler will follow up with Malia Zaman of IEEE to determine what process should be used to add a new code.
9. Next meeting October 17-21, 2021 Milwaukee, WI
10. Meeting adjourned at 2:10pm CDT.

Submitted by: Alan Traut, Secretary

Date: 04/27/2021, Revised attendance 05/27/2021