

Designation: C2	0.00	Name: Revision of C93.4 Standard for Power Line Carrier Line-Tuning Equipment (30 kHz to 500 kHz) Associated with Power Transmission Lines					
Meeting Location: Jacksonville, FL/Cisco WebEx Meeting Time: 10:40 AM		Meeting Date: 01/09/2023			Minutes Approved: 05/08/2023		
PAR Output:	PAR Status:	PAR Approval Date	NOTE OF THE CONTROL O	Target Sponsor Ballot Da			
Revision	Active	06/16/2022	n	N/A	N/A		
Presiding Office	er:		Recorded by:	Draft	Number:		
Dave McGuire, Chair			David Williams, Vi	David Williams, Vice-Chair 1.0			
Attendance	Name			ffiliation	Attending via Phone (P) / W (W) or Local (eb L) M/CM/G	
Dave McO	Guire		Hubbell/RFL		W	M	
David Williams			FirstEnergy		W	M	
Tony Bell			Ametek		L	M	
Sudarshan Byreddy			Burns & McDonnell		$ \mathbf{L} $	M	
Jim O'Brien			Duke Energy		$ \mathbf{L} $	M	
Craig Palmer			Powercomm Solutions		$ \mathbf{L} $	M	
Ian Tualla			Duke Energy		W	M	
Jorg Blumschein			Siemens		L	G	
Jason Byerly			AEP		L	G	
T W Cease			IEEE		W	G	
Rafael Garcia			Oncor		W	G	
Jalal Gohari			WSP		W	G	
Yading He			WSP		W	G	
Byungtae Jang			Naver		W	G	
Stephen Ladd			Duke Energy		L	G	
Don Lukach			Ameren		$ \mathbf{L} $	G	
Dan Nordell			Xcel Energy		W	G	
Lynn Schroeder			Sunflower Electric		W	G	
Tom Thompson			IEEE		$ \mathbf{L} $	G	
Christopher Weldy			Oncor		L	G	
	CM: Corresponding Member G: G						

Item no. Notes Action by

Item no.	Notes	Action by	
CALL TO ORDER	Performed by Chair (10:41 AM EST)	Dave McGuire	
INTRODUCTIONS AND QUORUM	Introductions made, quorum achieved (7 of 10 members)	SG	
CALL FOR PATENTS	IEEE Patent slides presented to group.	Dave McGuire	
IEEE ETHICS & COPYRIGHT POLICY	1, 0		
APPROVAL OF PREVIOUS MINUTES	Meeting minutes from 9/22/2022 meeting presented. Craig Palmer motion to approve, Tony Bell second. No objections	SG	
CHAIR UPDATES	The PAR was presented: IEEE SA STANDARDS ASSOCIATION PC93.4	Dave McGuire	
	Type of Project: Revision to IEEE Standard C93.4-2012 Project Request Type: Initiation / Revision PAR Request Date: 09 May 2022 PAR Approval Date: 16 Jun 2022 PAR Expiration Date: 31 Dec 2026 PAR Status: Active Root Project: C93.4-2012		
	1.1 Project Number: PC93.4 1.2 Type of Document: Standard 1.3 Life Cycle: Full Use		
Standard Review	iMeet Central site has been created. Carryover topics identified for specific review: Tuner Bandwidth (Jeff Brown) Spark Gap (Randy Brannen)	SG	
	 The present 2012 standard was opened and displayed for continued review. Several items were newly identified for improvement in the revision draft file: 6.2.1a Use of word "slowly" is vague. Any improvement available? 6.2.2 Why is test performed 5 times each polarity? Roger Ray to be consulted. Figure references and figure titles in Table 7 need harmonizing. Figure improvements are desired: 5 - indicate protective device disconnected 6 - emphasize open point to ground terminal/chassis with callout 7 - same as 6. Does this test require shield to be isolated from ground? Desire to get tuner manufacturers involved - call for contacts 		
Assignments	Load files and transmit invitations to iMeet Central site. Acquire existing standard version in Word format.	Dave McGuire Tom Thompson	
TIME OF FINAL ADJOURNMENT	11:50 AM (Adjourned based upon time)	NA	
NEXT FACE TO FACE MEETINGS	May 8-11, 2023, Las Vegas, NV	-	
FUTURE MEETING ROOM REQUIREMENTS	Room for 20, Projector needed Do not schedule same time as PSCC C1, P12, or P14.		

PSCC Committee Minutes of Meeting