	8802-3/802.3 REVISION REQUEST 1274
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DATE:	9th Feb, 2015
NAME:	George Zimmerman
COMPANY/AFFILIATION	N: CME Consulting/LTC
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REQUESTED REVISION	:
STANDARD:	802.3-2012
CLAUSE NUMBER:	33
CLAUSE TITLE:	Data Terminal Equipment (DTE) Power via Media
Dependent Interface	e (MDI)
PROPOSED REVISION T	FEXT:
	ll withstand any voltage from 0 V to 57 V at the PI
-	ut permanent damage. thstand any common-mode voltage from 0 V to 57 V
	sets of two pins at the PI indefinitely without
	The two pins in each set shall correspond to the
	ire pairs of the connected link segment
RATIONALE FOR REVIS	STON:
	ng standard is ambiguous and is inconsistent with
	sage commonly found in Ethernet equipment. The intent
	to be able to withstand application of common-mode PoE
	on of 57V DC voltages in across the pins corresponding
	wisted differentially to form a balanced pair of the
	run a DC current across the transformer windings
	BASE-T Ethernet equipment and burn them out.
IMPACT ON EXISTING	NETWORKS:
None.	
	pporting material, if any
Submit to: - David	d Law, Chair IEEE 802.3
	Healey, Vice-Chair IEEE 802.3
At:- E-Ma:	il: stds-802-3-maint-req@ieee.org
<u>+</u>	For official 802.3 use+
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RE	V REQ NUMBER: 1274
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REV DAT EDI ACC BAI CON For information a	TE RECEIVED: 9th Feb, 2015 ITORIAL/TECHNICAL CEPTED/DENIED LLOT REQ'D YES/NO MMENTS: XX-Xxx-XX Ver: D1.0 Status: R
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