POWER SYSTEM RELAYING AND CONTROL (PSRC) COMMITTEE			Updated	1/8/2018				O	D	B	R	S	
							A	U	R	A	E	U	F
WORKING GROUP STATUS REPORT						S	S	T	A	L	S	M	I
Source: Updated after the Sept 2017 meeting						T	S	L	F	L	O	M	N
						A	I	I	T	O	L	A	I
WG			ANSI/			R	G	N		T	V	R	S
#	Output	Title	IEEE #	Chair	Vice Chair	T	N	E	#		E	Y	H
C		**Systems Protection Subcommittee**		O'Brien	Henneberg								
C2	Report	Role of Protective Relaying in the Smart Grid		Apostolov	Moxley	10	x	x			x		
C18	Guide	Guide for Protection Systems of Transmission to Generation Interconnections	PC37.246	Deronja	Houser	11	x	x	6.2	x			
C19	Guide	Standard for Phasor Data Concentrators		Gharpure	Kanabar	12	x	x	2.2				
C20	Report	Impact of HVDC Transmission on Protective Relays		Mooney	Tualla	12	x		1				
C21	Guide	Guide for Engineering, Implementation and Management of SIPS	PC37.250	Hu	Henneberg	14	x	x	0.11				
C23	Ongoing	Coordination of Synchrophasor Related Activities		Johnson	Goldstein	13	x		na				
C24	Report	Modifications to Fault Study Programs for Wind Turbine Generators		Brahma	Farantatos	14	x	x	0				
C25	Report	Protection of Wind Plants		Best	Houser	14	x	x	2.2				
C26	Guide	Revision of C37.233, Protection System Protection Testing Guide	C37.233	Ware	Black	15	x	x	0				
C28	Guide	IEEE Guide for Synchronizing, Calibration, Testing, and Installation of PMUs	C37.242	Goldstein	Kirkham	15	x	x	?				
C29	Report	Testing Out of Step Impedance Characteristics for Lines and Generators		Malson	Kockott	16	x	x	0				
C30	Report	Micro grid Protection Systems		Higginson	Friend	16	x	x	0				
CTF31	Guide	Redundancy Requirements for System Protection Reliability		Ward	tbd	17	x	x	0				
CTF32	Report	Protectionh Practices for interconnecting solar or other inverter based generation to utility transmission systems.		Deaton	tbd	17	x	x	0				
D		**Line Protection Subcommittee**		**Kobet**	**Zimmerman**								
D28	Guide	Revision of C37.230 Guide for Protective Relaying Appl. to Distribution Lines	C37.230	Boysen	Patti	13	x	x	1.13				
D29	Tutorial	Tutorial on Setting Impedance-Based PSB and OOST Functions on TL	-	Fischer	Jones	14	x	x					
D30	Tutorial	Tutorial on Application and Setting of Distance Elements for Transmission Line Events With	-	Zimmerman	Warren	14	x	x	1.01				
DTF32	Paper	Summary paper/presentation for C37.234 Line Current Differential Guide		Mackie	Palmer	15	x	x					
DTF33		Coordination with CIGRE Working Group TOR-JWG C4_B5.41_Challenges with series		Polanco		15	x						
D34		Coordination With IEC 60255-187-3 Functional Spec for Line Current Differential		Fischer	Mooney	15	x						
D35		Evaluation of Transmission Line Pilot Protection Schemes		Gamble	Gulzcynski	16	x						
D36		Summary paper/presentation for C37.113 Line Protection Guide		Barsch	Lukach	16	x						
DTF37		Investigate the Need for WG for Affect of Series Compensation on Line Protection		Kockott		17							
H		**Relaying Communications Subcommittee**		Allen	Antonova								
H3	Standard	Timetagging in Protection and Disturbance Recording IEDs	C37.237	Dickerson	Hackett	06	x	x	0.6	x			
H6	Report	IEC61850 Application Testing		Sufana	Vandiver	99	x	x	3.4				
H11	Standard	Synchrophasor Standard Working Group	60255-118-	K. Martin	Goldstein	06	x	x	5	x			
H12	Report	Configuring Ethernet LAN infrastructure		Udren	Vandiver	08	x	x	0.9				
H17	Report	Establishing Links between COMTRADE, IEC 61850, and CIM		Brunner	Apostolov	10	x	x	6				
H21	Report	Standard Mapping between C37.118.2 and IEC 61850-90-5		Hu	Goldstein	12	x	x	0.9				
H22	Guide	Guide for Cyber Security for Protection Related Data Files	PC37.249	Makki	Calix	12	x	x	5				
H23	Guide	Guide for Naming IEDs (COMDEV)	PC37.248	Cornelison	Allen	12	x	x	4.4				
H24	Standard	Revision of IEEE STD Profile for the use of IEEE 1588 Precision time protocol	C37.238	Antonova	Dickerson	13	x	x	22	x	x		
H25	Standard	Revision of C37.94	C37.94	Benou	Jenkins	13	x	x	3	x	x		
H27	Standard	Standard file format for IED configuration Data (COMSET)	PC37.251	Chelmecki	Vasudevan	13	x	x	0.2				
H30	Report	IEC 61850 User Feedback		Maragal		15	x	x	0.2				
H31	Report	Models of Protection and Protection-Related Functions		Maragal	Apostolov	15	x	x	0.2				
H32	Report	Performance requirements for teleprotection over Ethernet		Fodero	McCannon	15	x	x	0.3				
H35	Report	XML Translation for COMTRADE		Adamiak		15	x	x	2.1				
HTF36	TBD	Revision of C37.118.2		Gharpure					0.1				
HTF37	TBD	Extensions to Cyber Security requirements for substation P&C systems		Kunsman									
H38 (Subs C11)	Guide	Automation	P2030.101	Bougie			x	x		x			
H39 (Subs C15)	Guide	Implementing IEC 61850 Substation Automation Systems	P2030.100	Liposchak			x	x		x			
H40 (Subs C20)	Guide	Databases used in SAS		Bougie			x	x					
HTF41	TBD	Revision of IEEE 1646 Communication Delivery Time Performance Requirements	1646	Preuss		17							
HTF42	TBD	Revision of C37.93 Relay Applications of Audio Tones over Voice Grade Channels	C37.93	Benou		17							
HTF43	TBD	Revision of C37.239 Std for Common Format for Event Data Exchange (COMFEDE)	C37.239	Adamiak		17							

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#	Output	Title	IEEE #	Chair	Vice Chair	T	N	E	#		E	Y	H
I		**Relaying Practices Subcommittee**		**Mugalian**	**Uribe**								
I2	On Going	Terminology Usage Review		Swanson	Friend	on-going							
I4	On Going	IEC Standards Advisory		Udren	Yalla	on-going							
I11	Guide	Application of Optical Instrument Transformers for Protective Relaying	PC37.241	Rahmatian	Pickett	08	x	x	5.0	x			
I23	Guide	Revision of C57.13.1 Guide for Field Testing of Relaying Current Transformers	C57.13.1	Magruder	Knapek	13	x	x	6.4				
I24	Report	Use of Hall Effect Sensors for Protection and Monitoring		Niemira	TBD	13	x	x	9.0				
I25	Report	Commissioning of Substation Protection and Control Schemes		Garcia	Donahoe	13	x	x	2				
I26	Report	Mathematical Models of Instrument Transformers		Meisinger	Turner	13	x	x	1				
I27	Report	Investigation of Protective Relay Self-Monitoring Capabilities		Moxley	Dalton	14	x	x	3				
I29	Guide	Rev. of Guide for the Application of Current Transformers for Protective Relaying Purposes	C37.110	Valenzuela	Higginson	14	x	x	1				
I30	Guide	Rev. of Guide for the Application of Rogowski Coils Used for Protective Relaying Purposes	C37.235	Kojovic	Frye	14	x	x	0.1				
I31 (Subs C2)	Standard	Standard for Environmental and Testing Requirements for Devices Installed in Transmission and Distribution Facilities	1613/1613.1	Mugalian		15	x	x	2				
I32	Review	Review of Survey of Relaying Test Practices		Uribe	Torres	15	x	x	2				
I33	Review	Review of Relaying Testing Terms		Gosalia	Makki	15	x						
I34 (Subs C3)	Standard	Draft Standard for Input and Output Requirements and Testing Methodology for Intelligent Electronic Devices (IEDs)	PC37.1.1	TBD	TBD	17							
I35 (Subs C5)	Standard	Standard for Electrical Power System Device Function Numbers, Acronyms, and Contact Designations	PC37.2	Dood	TBD	17							
ITF36	Standard	Review of - Standard for Withstand Capability of Relay Systems to Radiated Electromagnetic Interference from Transceivers	C37.90.2	Pond	TBD	17							
J		**Rotating Machinery Subcommittee**		**Reichard**	**Finney**								
J5	report	Application of Out-Of-Step Protection Schemes for Generators		Thakur	Das	11	X	X	15				
J12	report	Improved generator ground fault protection schemes		Finney	Das	12	X	X	7				
J13	report	Modeling of Generator controls for Coordinating Generator Relays		Gers	Tatro	13	X	X	3				
J14	report	Plant protection issues associated with black starting of generators		Ruckman	Bukhala	12	X	X	4				
J15	report	Investigate criteria for transfer of motor buses		Hartmann	Valenzuela	14	X	X	0				
J16	Guide	PC37.101, Guide for Generator Ground Protection		Klingerman	Thakur	17	X	X	0				
J17	Guide	PC37.102, Guide for AC Generator Protection		Das	Kobet	17	X	X	0				
J18	Review	Impact of Inverter-based Sources on Rotating Machinery		Fischer		16			0				
K		**Substation Protection Subcommittee**		Lukach	Pickett								
K1	Guide	PC37.245, Guide for the Ap. of Protective Relaying for Phase Shifting Transformers	C37.245	Sevov	Davies	11	x	x	6.2a				
K10	SC Input	SCC21 Distributed Resources Standard Coordination		Kazimier	Siira	99	x		na				
K11	Paper	Open Phase Detection for Nuclear Generating Stations		Sufana	Urbina	13	x	x	6.4				
K12	Guide	P1032 Guide for Protecting Transmission Static VAR Compensators Joint w/ Subst I9	P1032	Samineni	Best	13	x	x	13				
K13	Guide	PC37.116 IEEE Guide for Protective Relay Application to Transmission-Line Series Capacitor	C37.116	Voloh	Polanco	13	x	x	1.8				
K15	Paper	Centralized Substation and Control		Das	Kanabar	13	x	x					x
K16	Guide	PC37.91 IEEE Guide for Protecting Power Transformers	C37.91	English	Conrad	13	x	x	6				
K17	Paper	GMD Geomagnetic Disturbance		Qiu	Polanco	14	x	x	2				
K18	Guide	PC37.108 Guide for the Protection of Secondary Network Transformers	C37.108	Mulawarman	Pavavicharn	14	x	x	2				
K19	IEC Input	IEC Std 60255-187-1 Review by PSRC		Brunello	Bapary	15	x		na				
K20	TX Input	IEEE Std C57.21 Review by PSRC		Niemira	Boysen	15	x		na				
K21	Guide	IEEE Std C37.112 Review by PSRC and possible IEC dual banner	C37.112	Crellin	Thompson	16	x						
K22	Guide	PC37.234 Guide for Protective Relaying Applications to Power System Buses	C37.234	Bapary	Thompson	16	x						
K23	Paper	PC37.119, IEEE Guide for Breaker Failure Protection- Summary Paper		Whittaker	Mulawarman	16	x	x					