POWER SYSTEM RELAYING COMMITTEE 1/7/2016

WORKING GROUP STATUS REPORT
Source: Updated for the January 2016 meeting

WG #	Output	Title	ANSI/ IEEE #	Chair	Vice Chair	START	ASSIGN	OUTLINE	DRAFT #	BALLOT	RESOLVE	SUMMARY	FINISH
C		**Systems Protection Subcommittee**		**O'Brien**	**Henneberg**								
C2	Report	Role of Protective Relaying in the Smart Grid		Apostolov	Moxley	10	x	x					
C18	Guide	Transmission to Generation Interconnection Protection Considerations	C37.246	Deronja	Houser	11	x	x					
C19	Guide	Standard for Phasor Data Concentrators	C37.247	Gharpure	Kanabar	12	x						
C20	Report	Impact of HVDC Transmission on Protective Relays		Mooney	Tualla	12							
C21	Guide	Guide for Engineering, Implementation and Management of SIPS	C37.250	Hu	Henneberg	14							
C23	TBD	Coordination of Synchrophasor Related Activities		Johnson	Goldstein	13							
C24	Report	Modifications to Fault Study Programs for Wind Turbine Generators		Brahma	Farantatos	14							
C25	Report	Protection of Wind Plants		Best	Houser	14							
C26	Guide	Revision of C37.233, Protection System Protection Testing Guide	C37.233	Ware	Black	15							
C28	Guide	IEEE Guide for Synchronizing, Calibration, Testing, and Installation of PMUs	C37.242	Goldstein	Kirkham	15							
CTF29	TBD	Testing Out of Step Impedance Characteristics for Lines and Generators		Malson	TBD	15							
CTF30	TBD	Micro grid Protection Systems		Higginson	TBD	15							
D		**Line Protection Subcommittee**		**Kobet**	**Zimmerman**								
D19	Guide	Revision of C37.113 Guide for Protective Relaying Appl. to Transmission Lines	C37.113	Lukach	Barsch	12	x	x	8.1	x	x		
D28	Guide	Revision of C37.230 Guide for Protective Relaying Appl. to Distribution Lines	C37.230	Boysen	Patti	13	x	x	1.8				
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					
D31	PPT	Summary paper/presentation for C37.114 Fault Locating Guide	-	Mooney	-	15	x						
D32	Paper	Summary paper/presentation for C37.234 Line Current Differential Guide		Mackie		15	x						
DTF33		Coordination with CIGRE Working Group TOR-JWG C4_B5.41_Challenges with series		Polanco		15							
D34		Coordination With IEC 60255-187-3 Functional Spec for Line Current Differential	-	Fischer	-	15	x						
DTF35		Investigate Need for WG to Evaluate Line Protection Schemes	-	TBD	-								
H		**Relaying Communications Subcommittee**		**Allen**	**Benou**								
H1	Guide	A guide for the application of digital teleprotection	C37.236	Benou	Voloh	06	x	x	1	x	x		
H3	Standard	Timetagging in Protection and Disturbance Recording IEDs	C37.237	Dickerson	Hackett	06	x	x	0.6				
H6	Report	IEC61850 Application Testing		Sufana	Vandiver	99	x	x	2.5				
H11	Standard	Synchrophasor Standard Working Group	C37.118.1	K. Martin	Goldstein	06	x	x	3	x	x		
H12	Report	Configuring Ethernet LAN infrastructure		Udren	Beresh	08	x	x	8.2				
H17	Report	Establishing Links between COMTRADE, IEC 61850, and CIM		Brunner	Apostolov	10	x	x	1.1				
H21	Report	Standard Mapping between C37.118.2 and IEC 61850-90-5		Hu	Goldstein	12	x	x	0.5				
H22	Guide	Guide for Cyber Security for Protection Related Data Files	PC37.249	C. Martin	Jenkins	12	x	x	5.215				
H23	Guide	Guide for Naming IEDs (COMDEV)	PC37.248	Cornelison	Allen	12	x	x	2.2				
H24	Standard	Revision of IEEE STD Profile for the use of IEEE 1588 Precision time protocol	C37.238	Antonova	Dickerson	13	x	x	15	x			
H25	Standard	Revision of C37.94	C37.94	Benou	Jenkins	13	x		-	x			
H27	Standard	Standard file format for IED configuration Data (COMSET)	TBD	Chelmecki	Vasudevan	13	x		0.1				
H30	Report	IEC 61850 User Feedback		Maragal		15			0				
H31	Guide	Common Protection and Control Parameters for COMSET		Maragal	Apostolov	15			0				
H32	Report	Teleprotection over Ethernet		Fodero	McCannon	15			0				
H33	Report	**Designing / modifying substation automation system utilizing 61850 technology**		Wong		15			0				
H34	Report	Development of architectures of protection schemes utilizing IEC-61850:		Martin		15			0				
H35	Report	**XML Translation for COMTRADE**		Adamiak		15			0				
I		**Relaying Practices Subcommittee**		**Pond**	**Mugalian**								
I2	On Going	Terminology Usage Review		Swanson	Friend	on-going							
I4	On Going	IEC Standards Advisory		Udren	Yalla	on-going							
I7	Guide	Rev. of C37.103 Guide for Differential & Polarizing Relay Circuit Testing	C37.103	Kobet	Lee, A.	12	x	x	7.1	2	x		
I11	Guide	Application of Optical Instrument Transformers for Protective Relaying	PC37.241	Rahmatian	Pickett	08	x	x	5.0				
I23	Guide	Revision of C57.13.1 Guide for Field Testing of Relaying Current Transformers	C57.13.1	Magruder	Knapek	13	x	x	5				
I24	Report	Use of Hall Effect Sensors for Protection and Monitoring		Niemira	Long	13	x	x	8.0				
I25	Report	Commissioning of Substation Protection and Control Schemes		Garcia	Donahoe	13	x	x	2				
I26	Report	Mathematical Models of Instrument Transformers		Meisinger	Lee, A.	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	Long	14	x						
I30	Guide	Rev. of Guide for the Application of Rogowski Coils Used for Protective Relaying Purposes	C37.235	Kojovic	TBD	14	x						
I31/Sub	Standard	Rev. of Environmental & Testing Req. for Communications Networking Devices	1613/1613.1	Tengdin	Mugalian	15							
I32	Review	Review of Survey of Relaying Test Practices		Uribe	Uchiyama	15							

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ITF33	Review	Review of Relaying Testing Terms		Makki	TBD	15							
J		**Rotating Machinery Subcommittee**		**Reichard**	**Finney**								
J5	Report	Application of Out-Of-Step Protection Schemes for Generators		Thakur	Das	11	x	x	5				
J6	Paper	Protection issues related to pumped storage generation		Uchiyama	Finney	10	x	x	5				
J7	Report	Avoiding Unwanted Reclosing On Rotating Apparatus		Reichard	Conrad	12	x	x	2				
J12	Report	Improved generator ground fault protection schemes		Finney	Das	12	x	x	0.1				
J13	Report	Modeling of Generator controls for Coordinating Generator Relays		Gers	Tatro	13	x	x					
J14	Report	plant protection issues associated with black starting of generators		Ruckman	Bukhala	12	x	x					
J15	Report	Investigate criteria for transfer of motor buses		Hartmann	Valenzuela	14	x	x					
K		**Substation Protection Subcommittee**		Thompson	Lukach								
K1	Guide	PC37.245, Guide for the Ap. of Protective Relaying for Phase Shifting Transformers	C37.245	Sevov	Davies	11	x	x	5.3a				
K5	Guide	PC37.119, IEEE Guide for Breaker Failure Protection	C37.119	Whittaker	Mulawarman	11	x	x	2	x			
K10	SC Input	SCC21 Distributed Resources Standard Coordination		Kazimier		99							
K11	Paper	Open Phase Detection for Nuclear Generating Stations		Sufana	Urbina	13	x	x	3.0				
K12	Guide	P1032 Guide for Protecting Transmission Static VAR Compensators Joint w/ Subst I9	P1032	Samineni	Best	13	x	x	10				
K13	Guide	PC37.116 IEEE Guide for Protective Relay Application to Transmission-Line Series Capacitor	C37.116	Voloh	Park	13	x	x	1.5				
K15	Paper	Centralized Substation and Control		Das	Kanabar	13	x	x	5				
K16	Guide	PC37.91 IEEE Guide for Protecting Power Transformers	C37.91	English	Conrad	13	x	x	3				
K17	Paper	GMD Geomagnetic Disturbance		Qiu	Polanco	14	x	x	0				
K18	Guide	PC37.108 IEEE Guide for the Protection of Network Transformers	C37.108	Mulawarman	Pavavicharn	14	x		0				
K19	IEC Input	IEC Std 60255-187-1 Review by PSRC		Brunello	Bapary	15	x						
KTF20	TX Input	IEEE Std C57.21 and C57.109 Review by PSRC		Niemira		15	x						