

Symposium Papers

S39-95 Helsinki (Finland) - August 1995 *Integrated Control & Communications Systems*

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- **110-04** EXPERIENCE WITH [NETWORKING](#) AND DISTRIBUTED DATABASE IN DISPATCH CONTROL SYSTEMS OF CEZ, AS COMPANY: T Rusin, F Valek, *Czech Republic*
- **110-06** BENEFITS FROM UTILITY-WIDE DATA EXCHANGE SERVICES: G Schellstede, R Eichler, *Germany*
- **110-07** FUTURE EMS STRUCTURES: H P [Van](#) Meerteren, T L Saxton, [United States](#)
- **120-02** INTEGRATING PROTECTION, CONTROL, METERING AND TELECOMMUNICATIONS AT ONTARIO HYDRO POWER STATIONS: D W Morrison, B C Mitchell, *Canada*
- **120-03** IEC ACTIVITY FOR THE STANDARDISATION OF TELECONTROL PROTOCOLS BASED ON ISO AND ITU-T STANDARDS: T Lefebvre, *France*
- **120-04** STANDARD PROTOCOLS FOR COMMUNICATION WITH AND WITHIN SUBSTATIONS: AN ORIENTATION AND RESULTS FROM TESTS, W Strabbling, H Timmerman, *Netherlands*
- **120-05** NETWORK PROTECTION AND RESTORATION USING STANDARDISED COMMUNICATION: O Werner-Erishesen, M M Saha, J P Wang, K Svensson, G Nimmersjv, O Einarsson, L Messing, *Sweden*, O Vdhdmdki, FINLAND, D Novosel, [United States](#)
- **120-06** THE ENEL PROJECT FOR THE NEW DATA ACQUISITION AND [TRANSMISSION](#) SYSTEM (STAD), S Borsini, E Pace, S Rogari, *Italy*
- **120-09** DEVELOPING SUBSTATION AND POWER STATION COMMUNICATION REQUIREMENTS TO MEET THE NEEDS OF PRIVATISED OPERATION IN NGC: B E Murray, *United Kingdom*

Session 2: Implications upon system operation, utility organisation and management, operator's education and training arising from the integration of services.

- **200-01** RENEWAL OF THE [NORWEGIAN](#) POWER GRID COMPANY CONTROL SYSTEM DUE TO ORGANISATIONAL CHANGES IN THE [NORWEGIAN](#) POWER INDUSTRY: O Gjerde, A Larsen, *Norway*
- **200-03** STRATEGIC DECISIONS FOR THE CHOICE OF ARCHITECTURE OF A NEW TELECONTROL SYSTEM: J P Evrard, *Belgium*
- **200-05** ON IMPLEMENTATION OF "LATERAL SYSTEM ACCESS AND DATA PARTITIONING" IN POWER SYSTEM OPERATION, M Tdiiiten, *Finland*, J Sharif-Askary, A K Elmagarmid, [United States](#)
- **200-06** THE CONTROL CENTRE AS PART OF AN EVOLVING UTILITY-WIDE INFORMATION SYSTEM: H P [van](#) Meerteren on behalf of Working Group 39.02
- **200-07** COORDINATED DEFENCE PLAN - AN INTEGRATED PROTECTION SYSTEM: O Faucon, L Dousset, J Boisseau, Y Harmand, M Trotignon, *France*

Session 3: Changing Telecommunications Network Management philosophies imposed by

increasing integration of services.

- **300-01** AN APPROACH TO POWER UTILITY TELECOMMUNICATION NETWORK MANAGEMENT, E Sehovic, Z Skocir, L Lovrek, M Kunstic, *Croatia*
- **300-02** MANAGEMENT SYSTEM OF ENEL'S TELECOMMUNICATION NETWORK - 'GRETE' SYSTEM', S Luberti, I Mangiamele, E Pace, *Italy*
- **300-03** THE ELECTRA DE VIESGO'S PROJECT ON INTEGRATION OF DIFFERENT TELECOMMUNICATIONS NETWORK MANAGEMENT SYSTEMS, E Martinez Perez, C San Martin, J Zamanillo Peral, *Spain*
- **300-04** AN EFFORT OF COOPERATION: A TELEINFORMATIC COMPARISON OF ENERGY AND TELECOMMUNICATIONS MANAGEMENT SYSTEMS, J Zamanillo Peral, *Spain*
- **300-05** THE NOMOS PROJECT: A WAY TO FULFIL THE QUALITY REQUIREMENTS OF POWER UTILITIES TELECOMMUNICATION NETWORKS: F Gonzalo, J Luque, *Spain*
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- **400-03** ATM IN POWER UTILITIES TELECOMMUNICATIONS NETWORKS: A J D Casaca, J E A N Aguiar, J J G Delgado, L E M Mota, *Portugal*
- **400-04** INTEGRATED DIGITAL TRANSPORT NETWORK FOR POWER COMPANY TELECOMMUNICATIONS SERVICES: E Salo, V Jddskeldinen, *Finland*
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- **600-04** DATA ACQUISITION AND COMMUNICATIONS REQUIREMENTS FOR ADVANCED MONITORING, CONTROL AND PROTECTION, M Kezunovic, *United*

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- **600-05** THE EXTENSION OF CORPORATE COMMUNICATION NETWORKS TO REALSIE INTELLIGENT DATA ANALYSIS : A CASE STUDY PROVIDING PROTECTION SYSTEM PERFORMANCE ANALYSIS, S D J McArthur, J R McDonald, G M Burt, S C Bell, R Mather, S M Burt, *United Kingdom*
- **600-07** AUTOMATED, INTELLIGENT ANALYSIS OF DISTURBANCE RECORDINGS - COMMUNICATIONS REQUIREMENTS AND POSSIBLE SYSTEM ARCHITECTURES: D Wiot, L Philippot, J-C Maun, P Lienart, F Wellens, *Belgium*
- **600-08** INFORMATION NEEDED FOR TELECONTROL OF SUBSTATIONS FROM A CONTROL CENTRE, J Amarante on behalf of Working Group 39.02
- **600-09** LARGE DIGITAL CONTROL SYSTEM WITH MULTI COMMUNICATION LEVEL : DESCRIPTION OF AVAILABILITY REQUIREMENTS AND FLUX COMMUNICATION PERFORMANCES, J P Muratet, A Reoccreux, D de Gueroult, *France*
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