
Generic Requirements For Power Systems Messages At The OS/NE Interface

Contents

1. INTRODUCTION	1-1
1.1 Purpose And Scope	1-1
1.2 Organization.....	1-2
1.3 Requirements Terminology	1-3
2. GENERAL INFORMATION	2-1
2.1 PSNE/OS Generic Interface.....	2-1
2.1.1 Minimum OSI Requirements.....	2-1
2.1.2 Full OSI Requirements	2-1
2.2 Relationship Between TA-NWT-001360 and the OTGR.....	2-1
2.3 Operational Security	2-2
2.4 TL1-Based Operations Systems.....	2-2
2.4.1 Need for Network Surveillance and Analysis.....	2-2
2.4.2 Architecture of the Surveillance and Analysis OS	2-3
2.4.3 TL1 Messages	2-3
2.4.4 Public Packet Switched Network (X.25)	2-3
2.4.5 Evolution of the Surveillance and Analysis OS.....	2-4
2.5 Overview Of The PSNE/OS Interface	2-4
2.5.1 Kinds of Information Transferred.....	2-5
2.5.2 Interface Language.....	2-5
2.5.3 Network Database	2-5
2.5.4 Containing and Supporting Relationships	2-5
3. REQUIREMENTS FOR PSNE/OS INTERFACE.....	3-1
3.1 Generic PSNE/OS Interface.....	3-1
3.1.1 Standard Protocol.....	3-1
3.1.2 Vendors Responsibility	3-1
3.2 Messages At The PSNE/OS Interface.....	3-1
3.2.1 Destination Code.....	3-2
3.2.2 Access Codes	3-2
3.3 Correlation Tags (CTAGs)	3-2

3.4 General Block	3-3
3.5 Communications Interface.....	3-3
3.6 Surveillance Commands and Messages for the PSNE.....	3-3
4. REQUIREMENTS FOR POWER EQUIPMENT ACCESS IDENTIFIERS	4-1
5. REQUIREMENTS FOR CONDITION TYPES.....	5-1
6. REQUIREMENTS FOR MONITOR TYPES AND VALUES.....	6-1
7. REQUIREMENTS FOR MAINTENANCE STATE TYPES	7-1
8. GLOSSARY	8-1
References.....	R-1

List of Tables

Table 4-1. ACCESS IDENTIFIERS	4-2
Table 5-1. CONDITION TYPES AND DESCRIPTORS	5-4
Table 5-2. CONDITION TYPES AND DESCRIPTIONS (CONTINUED).....	5-5
Table 5-3. CONDITION TYPES AND DESCRIPTORS (CONTINUED).....	5-6
Table 5-4. CONDITION TYPES AND DESCRIPTORS (CONTINUED).....	5-7
Table 6-1. MONITOR TYPES AND DESCRIPTIONS	6-2