



**Summary of Requirements for
NAESB WEQ OASIS S&CP Certification
(WEQSCP-001-000)**

Anyone seeking to be certified on NAESB's Wholesale Electric Quadrant (WEQ) Version 0 Open Access Same-Time Information Systems (OASIS) Standards & Communications Protocols (S&P) must comply with the below standards. The purpose of this summary is to aid in the determination of whether or not to seek certification. The full check list will be made available to upon receipt of a Certification Program Application and payment.

Network Architecture Requirements:

- 2.1b Permit Use of Any Customer Computers
- 2.1c Value Added Services
- 2.1d Permit use of existing communications facilities
- 2.1e Single or Multiple Providers per Node
- 2.2a Internet Compatibility
- 2.2b Public Internet Access
- 2.2c Private Access
- 2.2d Internet Communications Channel
- 2.3a/b Point-to-Point Protocol (PPP) and Internet Protocol Control Protocol (IPCP) and Serial Line Internet Protocol (SLIP)
- 2.3c Transport Control Protocol and Internet Protocol (TCP/IP)
- 2.3d Hyper Text Transfer Protocol (HTTP)
- 2.3e Internet Protocol Address
- 2.4a Browser Support
- 2.4b HTML Forms
- 2.4c Domain Name Service (DNS)
- 2.4d Simple Network Management Protocol (SNMP)
- 2.4e E-Mail
- 2.5a World Wide Web Browsers
- 2.5b Internet Interconnection across OASIS Nodes

Information Access Requirements:

- 3.1a Location of Providers
- 3.1b Initial User Registration
- 3.1c Initial Access Privileges
- 3.1d User Login
- 3.1e User Logout



- 3.2 Service Level Agreements
- 3.3a Display
- 3.3b Read-Only Access to TS Information
- 3.3c Downloading Capability
- 3.3d On-Line Data Entry on Forms
- 3.3e Uploading Capability
- 3.3f Selection of TS Information
- 3.4a Provider Posting of TS Information
- 3.4b INFO.HTM
- 3.4c OASIS Node Space for Secondary Provider
- 3.4d Secondary Provider Posting to Primary Provider Node
- 3.4e Secondary Provider Posting Capabilities
- 3.4f Free-Form Posting of non-TS Information
- 3.4g Time Stamps
- 3.4h Transaction Tracking by an Assignment Reference Number
- 3.4i Time-Stamped OASIS Audit Log
- 3.4j Studies
- 3.4k Organizational Charts
- 3.5a General Message & Log
- 3.5b TSIP Notification Design Responsibilities
- 3.6a Query/Response
- 3.6b Purchase Request
- 3.6c Upload and Modify Postings

Interface Requirements:

- 4.1a ASCII-Based OASIS Templates
- 4.1b ASCII-Based OASIS File Structures
 - 4.2.1.1 OASIS Node Names
 - 4.2.1.2 OASIS Node and Primary Provider Home Directory
 - 4.2.1.3 CGI Script Names
- 4.2.2 Data Element Dictionary
 - 4.2.3.1 Template Construction
 - 4.2.3.2 Template Categories
 - 4.2.3.3 Template HTML Screens
- 4.2.4 Query/Response Template Requirements
- 4.2.5 Input/Response Template Requirements
 - 4.2.6.2 Standard Header Query Variables
 - 4.2.6.3 Responses to Queries



- 4.2.6.4 Multiple Instances of Query Variables
- 4.2.6.5 Logical Operations on Query Variables
- 4.2.6.6 Query Time Data Elements
- 4.2.6.7 Default Values
- 4.2.7.2 CSV Input Header Records
- 4.2.7.3 CSV Response Header Records
- 4.2.7.4 CSV Data Records
- 4.2.7.5 CSV Continuation Records
- 4.2.7.6 CSV Error Handling
- 4.2.8.1 General Registration Information
- 4.2.8.2 Company Registration
- 4.2.8.3 User Registration
- 4.2.9.1 General
- 4.2.9.2 Input Time Representation
- 4.2.9.3 Response Time Representation
- 4.2.10.1 Purchase Transactions
- 4.2.10.2 Status Values
- 4.2.10.3 Dynamic Notification
- 4.2.10.4 Use of Comments
- 4.2.11 Reference Identifiers
- 4.2.12 Linking of Ancillary Services to Transmission Services
- 4.2.13 Modifications to Transactions
 - 4.2.13.1 Original Transactions
 - 4.2.13.2 Partial Service Transactions
 - 4.2.13.3 Secondary Sales – On OASIS
 - 4.2.13.4 Secondary Sales – Off OASIS
 - 4.2.13.5 Renewal
 - 4.2.13.6 Displacement – No Right of First Refusal
 - 4.2.13.7 Displacement – With Right of First Refusal
 - 4.2.13.8 Deferral of Start of Service
 - 4.2.13.9 Alternate POR/POD
 - 4.2.13.10 Provider Recall
- 4.3.2.1 **transoffering** (Query/Response)
- 4.3.2.2 **ancoffering** (Query/Response)
- 4.3.3.1 **transserv** (Query/Response)
- 4.3.3.2 **ancserv** (Query/Response)
- 4.3.4.1 **scheduledetail** (Query/Response)
- 4.3.4.2 **security** (Query/Response)



- 4.3.4.3 **reduction** (Query/Response)
- 4.3.4.4 **systemdata** (Query/Response)
- 4.3.5 **list** (Query/Response)
- 4.3.6.1 **transrequest** (Input/Response)
- 4.3.6.2 **transstatus**(Query/Response)
- 4.3.6.3 **transsell** (Input/Response)
- 4.3.6.4 **transcust** (Input/Response)
- 4.3.6.5 **transassign** (Input/Response)
- 4.3.7.1 **transpost** (Input/Response)
- 4.3.7.2 **transupdate** (Input/Response)
- 4.3.8.1 **ancrequest** (Input/Response)
- 4.3.8.2 **ancstatus**(Query/Response)
- 4.3.8.3 **ancsell** (Input/Response)
- 4.3.8.4 **anccust** (Input/Response)
- 4.3.8.5 **ancassign** (Input/Response)
- 4.3.9.1 **ancpost** (Input/Response)
- 4.3.9.2 **ancupdate** (Input/Response)
- 4.3.10.1 **messagepost** (Input/Response)
- 4.3.10.2 **message** (Query/Response)
- 4.3.10.3 **messagedelete** (Input/Response)
- 4.3.10.4 **personnel** (Query/Response)
- 4.3.10.5 **discretion** (Query/Response)
- 4.3.10.6 **stdconduct** (Query/Response)
- 4.3.11 Audit Log
- 4.4 File Request and File Download Examples
- 4.5 Information Supported by Web Page

Performance Requirements:

- 5.1 Security
- 5.2 Access Privileges
- 5.3 OASIS Response Time Requirements
- 5.4 OASIS Provider Account Availability
- 5.5 Backup and Recovery
- 5.6 Time Synchronization
- 5.7 TS Information Timing Requirements
- 5.9 Performance Auditing
- 5.10 Migration Requirements