

AERONAUTICAL TELECOMMUNICATIONS NETWORK PANEL (ATNP)

WORKING GROUP 3 - APPLICATIONS AND UPPER LAYERS

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ACRONYMS FOR SARPs DOCUMENT

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Summary

The Federal Aviation Administration (FAA) has compiled a SARPs Acronym List. This list was a recommendation derived from the demonstration of the tools and capabilities of the Electric Library demonstrated during the ATNP Meeting in Bordeaux.

A-CON_responder (connection responder role)
A-FU(AU) (Authentication functional unit)
AAC (Aeronautical administrative communication)
ACA (Address Compression Algorithm)
ACAS (Airborne collision avoidance system)
ACPM (ACSE Protocol Machine)
ACSE (Association Control Service Element)
ADS (Automatic dependent surveillance)
ADS-AE (ADS Application Entity)
ADS-ASE (ADS Application Service Element)
ADS-RF-AE (ADS Report Forwarding Application Entity)
ADS-RF-ASE (ADS Report Forwarding Application Service Element)
AE (Application Entity)
AEs (Application Entities)
AF-address (AFTN form address)
AFI (Authority Format Identifier)
AFS (Aeronautical Fixed Services)
AFTN (Aeronautical fixed telecommunications network)
AIDC (ATS interfacility data communication)
AIDC-AE (AIDC Application Entity)
AIDC-ASE (AIDC Application Service Element)
AINSC (Aeronautical Industry Service Communication)
ALS (Application layer structure)
AMHS (ATS message handling system)
AMSS (Aeronautical mobile-satellite service)
AOC (Aeronautical operational control)
AP (Application process)
AP-title (Application Process title)
APC (Aeronautical passenger communication)
APDU (Application protocol data unit)
API (Application Programming Interface)
APRL (ATN profile requirement list)
ARS (Administrative Region Selector)
ASE (Application Service Element)
ASN.1 (Abstract syntax notation One)
ASO (Application Service Object)
ATC (Air Traffic Control)
ATIS (Automatic Terminal Information Service)
ATM (Air Traffic Management)
ATN (Aeronautical Telecommunication Network)
ATS (Air Traffic Service)
ATSC (ATS communication)
ATSC (Air Traffic Service Communication)
ATSMHS (ATS MESSAGE HANDLING SERVICES)

ATSU (ATS unit)
ATSUs (ATS Units)
BIS (Boundary intermediate system)
C-ATSU (Controlling ATS Unit)
C-ATSU (Controlling ATSU)
CCITT (Consultative Committee of International Telegraph and Telephone)
CE-flag (congestion experienced flag)
CF (Control Function)
CIDIN (ICAO Data Interchange Network)
CLNP (Connectionless Network Protocol)
CM (Context Management)
CM-AE (CM Application Entity)
CM-ASE (CM Application Service Element)
CPC (Controller pilot communication)
CPDLC (Controller pilot data link communication)
CPDLC-AE (CPDLC Application Entity)
CPDLC-ASE (CPDLC Application Service Element)
CRC (Cyclic Redundancy Check)
D-ATSU (Downstream ATS Unit)
D-ATSU (Downstream ATSU)
DC (Demand contract)
DCE (Data communications equipment)
DPA (Distinguishing path attribute)
DS (Dialogue Service)
DSC (Downstream clearance)
DSP (Domain specific part)
DTE (Data Terminal Equipment)
ERD (End routing domain)
ES (End system)
ESs (End Systems)
ETA (Estimated time of arrival)
ETD (Estimated Time of Departure)
FCS (Frame Check Sum)
FIB (Forwarding information base)
FIR (Flight Information Region)
FIS (Flight information service)
FIS-AE (FIS Application Entity)
FIS-ASE (FIS Application Service Element)
FOM (Figure of merit)
GES (Ground earth station)
IA5 (International Alphabet Number 5)
ICAO (International Civil Aviation Organization)
ICC (Inter-centre communication)
ICD (International Code Designator)
ICS (Internet communications service)

IDP (Initial Domain Part)
IDRP (Inter-Domain Routing Protocol)
IP (Internetwork protocol)
IPI (Initial Protocol Identifier)
IPM (Inter-Personal Message)
IPN (Interpersonal Notification)
IS (Intermediate system)
IS-SME (Intermediate System - Systems Management Entity)
ISP (International Standardized Profiles)
ISs (Intermediate Systems)
ITU-T (International Telecommunication Union - Telecommunications Standards)
LREF (Local Reference)
MD (Management domain)
METAR (Meteorological Report)
MO (Managed Object)
MOTIS (Message-Oriented Text Interchange System)
MS (Message Stores)
MS (More Segments)
NE (Network entity)
NET (Network Entity Title)
NETs (Network Entity Titles)
NEs (Network Entities)
NL (Network layer)
NM (Network management)
NOR (No-Orderly Release)
NOTAM (Notice to Airmen)
NPDU (Network Protocol Data Units)
NSAP (Network Service Access Point)
NSDU (network service data unit)
OSIE (OSI Environment)
PA (Presentation address)
PC (Periodic contract)
PCI (Protocol Control Information)
PDR (Potential Defect Report)
PDU (Protocol data unit)
PDV (Presentation data value)
PER (Packed Encoding Rules)
PICS (Protocol implementation conformance statement)
PIREP (Pilot Report)
PPDU (Presentation Protocol Data Units)
PRLs (Profile Requirement Lists)
PSAP (Presentation Service Access Point)
PSDN (X.25 packet switched data network)
QOS (quality of service)
QoS (Quality of Service)

R-ATSU (Receiving ATS Unit)
R-ATSU (Receiving ATSU)
RA (Routing area)
RD (Routing domain)
RDC (Routing domain confederation)
RDF (Routing Domain Format)
RDI (Routing domain identifier)
RDs (Routing Domains)
RER (Residual Error Rate)
RIB (Routing information base)
RTSE (Reliable Transfer Service Element)
RVR (Runway Visual Range)
RoC (Return Of Content)
S-FUs (Session functional units)
SAC (Short Accept)
SACC (Short Accept Continue)
SCN (Short Connect)
SDU (Service data unit)
SEL (NSAP Selector)
SM (Systems management)
SN-Service (Subnetwork Service)
SNAcP (Subnetwork Access Protocol)
SNDCF (Subnetwork Dependent Convergence Function)
SNICF (Subnetwork independent convergence function)
SNPA (Subnetwork Point of Attachment)
SNQoS (Subnetwork Quality of Service)
SNSDU (Subnetwork Service Data Unit)
SPDUs (Session Protocol Data Units)
SPI (Subsequent Protocol Identifier)
SRF (Short Refuse)
SRFC (Short Refuse Continue)
SSR (Secondary surveillance radar)
SYS (The System Identifier)
TP-4 (Transport protocol class 4)
TRD (Transit Routing Domain)
TS (Transport Service)
TSAP (Transport Service Access Point)
TSDU (Transport service data unit)
UC (Update contract)
UL (Upper Layer)
VDL (Very high frequency (VHF) data link)
air-ASE (Air application service element)
air-user (Air user)
ground-ASE (Ground application service element)
ground-user (Ground user)

