Lyman:

As I mentioned previously, we have developed a PICS proforma for ISO 8602. The tables for the PICS are enclosed here. If there is national or international interest in such a document, we would like to participate in its development.

Thanks,

Scott Hiles

The following Protocol Implementation Conformance Statement was derived from the document titled “Final text of ISO/DIS 8602: Information processing systems Open System Interconnection - Protocol for providing the connectionless-mode transport service” dated 1987-06-30.

Status Symbols Used

M Mandatory

O Optional to implement. If implemented the feature may or may not be used.

C Conditional. This item becomes mandatory if the related specification or requirement is satisfied

Support Symbols Used

❏ Indicates that the box should be checked if the implementation contains the item.

TABLE A. Connectionless Transport TPDU services

Index	Description	Reference	Status	N/A	Support
A.a	Network service selection	5.3.2.2	❏		M
A.b	Address mapping	5.3.2.3	❏		M

TABLE B. Connectionless Transport Data Transfer

Index	Description	Reference	Status	N/A	Support
B.a	TPDU transfer	6.1.3	❏		M
B.b	TSDU UNITDATA Checksum	6.2.3	❏		O
B.c	TSDU UNITDATA Source TSAP-ID	6.2.3	❏		M
B.d	TSDU UNITDATA Destination TSAP-ID	6.2.3	❏		M
B.e	TSDU UNITDATA User Data	6.2.3	❏		M
B.f	UN-PROTOCOL IDENTIFIER (PRT-ID)	6.3.3	❏		O
B.g	TSDU UNITDATA quality of service	6.2.4.1	❏		M

TABLE C. Connectionless Transport Data Reception

Index	Description	Reference	Status	N/A	Support
C.a	TPDU receive	6.2.4.2	❏		M
C.b	TSDU UNITDATA Checksum	6.2.4.2	❏		O
C.c	TSAP UNITDATA source ID	6.2.4.2	❏		M
C.d	TSAP UNITDATA destination ID	6.2.4.2	❏		M
C.e	TSAP UNITDATA user data	6.2.4.2	❏		M
C.f	TSAP quality of service	6.2.4.2	❏		O

TABLE D. Connectionless Transport required Network Services

Index	Description	Reference	Status	N/A	Support
D.a	Connectionless mode network service	6.2	❑		M
D.b	N-UNITDATA.request	6.2.2	❑		M
D.c	N-UNITDATA.indication	6.2.2	❑		M
D.d	Connection oriented network service	6.3	❑		O
D.e	N-CONNECT.request	6.3.2	❑		C[1]
D.f	N-CONNECT.indication	6.3.2	❑		C[1]
D.g	N-CONNECT.response	6.3.2	❑		C[1]
D.h	N-CONNECT.confirmation	6.3.2	❑		C[1]
D.i	N-DATA.request	6.3.2	❑		C[1]
D.j	N-DATA.indication	6.3.2	❑		C[1]
D.k	N-DISCONNECT.request	6.3.2	❑		C[1]
D.l	N-DISCONNECT.indication	6.3.2	❑		C[1]
D.m	N-RESET.indication	6.3.2	❑		C[1]
D.n	N-RESET.response	6.3.2	❑		C[1]

1. Mandatory only if run over Connection Oriented Network

TABLE E. TPDU Encoding

Index	Description	Reference	Status	N/A	Support
E.a	Length Indicator	7.1	❑		M
E.b	Fixed Part	7.1	❑		M
E.c	Variable Part	7.1	❑		O
E.d	Data Field	7.1	❑		O

TABLE F. Connectionless Transport Resources

Index	Description	Reference	Status	N/A	Support
F.a	TPDU timer	An A.5.1	❑		M
F.b	Hold T-UNITDATA while waiting for net. conn.	An A.6.1	❑		O
F.c	Allow retention of network connection	An A.6.4	❑		C