

Annex M

(normative)

IrDA profile

This annex is adapted from the Implementation Guide for IrDA Standards [B3]. It is intended to include specifications pertaining to the ISO/IEEE 11073-30200 IrDA profile and to be used as a statement of conformance for ISO/IEEE 11073-30200 implementers.

The status of each IrDA function (see Table M.1, Table M.2, and Table M.3) is specified as follows:

O:	Optional
M:	Mandatory
R:	Recommended
C:	Conditional

M.1 IrLAP implementation

Please document results by circling the appropriate response(s):

Specification version: _____

Table M.1—IrLAP conformance requirements

Function	BCC	DCC	Supported
Secondary station	N/A	M	Yes/no
Primary station	M	N/A	Yes/no
9600 Bd supported	M	M	Yes/no
Other signaling speeds supported (Bd)	O	O	19 200, 38 400, 57 600, 115 200
500 ms maximum turnaround supported	M	M	Yes/no
Other maximum turnaround supported (ms)	O	O	250, 100, 50
64 octets data size supported	M	M	Yes/no
Other data sizes supported (octets)	O	O	128, 256, 512, 1024, 2048
1 transmit frame window supported	M	M	Yes/no
Other transmit window sizes supported	O	O	2, 3, 4, 5, 6, 7
1 receive frame window supported	M	M	Yes/no
Other receive window sizes supported	O	O	2, 3, 4, 5, 6, 7
Number of BOF required @ 115 kb/s	Specify		48, 24, 12, 5, 3, 2, 1, 0
Minimum turnaround time (ms)	Specify		0, 0.01, 0.05, 0.1, 0.5, 1, 5, 10
3 s link disconnect time supported	M	M	Yes/no

M.2 IrLMP implementation

Please document results by checking the appropriate response(s):

Specification version: _____

Table M.2—IrLMP conformance requirements

Function	BCC	DCC	Supported
Link management multiplexer	M	M	Yes/no
Device nickname	M	M	Yes/no (specify name)
Hint bit 12	M	M	Yes/no
IAS objects and attributes:			
Device			
DeviceName	M	M	Yes/no
IrLMPSupport	M	M	Yes/no
IEEE:1073:3:2			
GlobalID	R	R	Yes/no
NodeType	M	M	Yes/no
PortNumber	M	M	Yes/no
PollInterval	N/A	O	Yes/no
IEEE:1073:3:2:SNTP			
LsapSel	R	N/A	Yes/no
IEEE:1073:3:2:MDDL			
LsapSel	N/A	M	Yes/no
IAS services			
GetValue	R	R	Yes/no
GetValueByClass	M	M	Yes/no

M.3 TinyTP implementation

Specification version: _____

Table M.3—TinyTP conformance requirements

Function	BCC	DCC	Supported
SAR	O	O	Yes/no
Flow control			
Connect	M	M	Yes/no
Disconnect	M	M	Yes/no
Data	M	M	Yes/no
LocalFlow	M	M	Yes/no
UData (required for SNTTP)	C	C	Yes/no

M.4 Interoperability

List other IrDA devices with which the applicant device has been demonstrated to interoperate.

List other IrDA devices with which the applicant device has failed to be interoperable. Where possible document diagnosis of the failure.

M.5 Testing and quality assurance

Briefly describe why this device is compatible with the IrDA standard. What methods have been used to ensure IrDA compliance?

Has an independent test suite been used to validate this implementation? If yes, state which suite and attach sample results.

Describe any plans for regression testing for subsequent releases.