

45.5 Protocol implementation conformance statement (PICS) proforma for Clause 45, Management Data Input/Output (MDIO) interface¹

45.5.1 Introduction

The supplier of a protocol implementation that is claimed to conform to Clause 45 Management Data Input/Output (MDIO) interface, shall complete the following protocol implementation conformance statement (PICS) proforma.

A detailed description of the symbols used in the PICS proforma, along with instructions for completing the PICS proforma, can be found in [Clause 21](#).

45.5.2 Identification

45.5.2.1 Implementation identification

Supplier ¹	
Contact point for enquiries about the PICS ¹	
Implementation Name(s) and Version(s) ^{1,3}	
Other information necessary for full identification—e.g., name(s) and version(s) for machines and/or operating systems; System Name(s) ²	
NOTE 1—Required for all implementations. NOTE 2—May be completed as appropriate in meeting the requirements for the identification. NOTE 3—The terms Name and Version should be interpreted appropriately to correspond with a supplier's terminology (e.g., Type, Series, Model).	

45.5.2.2 Protocol summary

Identification of protocol standard	IEEE Std 802.3ca-201x, Clause 45, Management Data Input/Output (MDIO) interface
Identification of amendments and corrigenda to this PICS proforma that have been completed as part of this PICS	
Have any Exception items been required? No [] Yes [] (See Clause 21 ; the answer Yes means that the implementation does not conform to IEEE Std 802.3ca-201x.)	

Date of Statement	
-------------------	--

Insert new rows at the end of table in 45.5.3.3 (unchanged rows not shown)

45.5.3.3 PMA/PMD management functions

¹ Copyright release for PICS proformas: Users of this standard may freely reproduce the PICS proforma in this subclause so that it can be used for its intended purpose and may further publish the completed PICS.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54

Item	Feature	Subclause	Value/Comment	Status	Support
...
MM152	PMA/PMD type selection	45.2.1.23a.1	Device ignore writes to the PMA/PMD type selection bits that select PMA/PMD types it has not advertised	M	Yes []

Change content of PICS item RM23 as shown below (unchanged rows not shown)

45.5.3.7 PCS management functions

Item	Feature	Subclause	Value/Comment	Status	Support
...
RM23	PCS type is selected using bits 4 through 0	45.2.3.6.1	Device ignore writes to the PMA/PMD type selection bits that select PMA/PMD types it has not advertised	PCS:M	Yes [] N/A []
...