

2 **1.1.1.1 VLCSI:VLC PDU primitives**

3 *Editorial note: This is clause 4.3.1.2*

4 The VLC Client communicates with the VLC sublayer using the following service primitives:

- 5     — *VLCSI:VLC PDU.request*
- 6     — *VLCSI:VLC PDU.indication*

7 The VLCSI:VLC PDU interface (see **Error! Reference source not found.**) is optional, but if it is  
8 implemented, the *VLCSI:VLC PDU.request* and *VLCSI:VLC PDU.indication* service primitives described in  
9 this subclause shall be supported.

11 **1.1.1.1.1 VLCSI:VLC PDU.request**

12 *Editorial note: This is clause 4.3.1.2.1*

13 **1.1.1.1.1.1 Function**

14 This primitive defines the transfer of data from the VLC client entity to the VLC sublayer. This primitive is  
15 only relevant in the egress direction.

16 **1.1.1.1.1.2 Semantics of the service primitive**

17 The semantics of the primitive are as follows:

```

18 VLCSI:VLC PDU.request (
19     msg_code,
20     msg_sequence,
21     port_instance,
22     rule_tlv
23 )

```

24 The *msg\_code* parameter specifies the 1-octet value of the *MsgCode* field of the *VLC\_CONFIG VLC PDU*  
25 to be transmitted.

26 The *msg\_sequence* parameter specifies the 2-octet value of the *MsgSequence* field of the *VLC\_CONFIG*  
27 *VLC PDU* to be transmitted.

28 The *port\_instance* parameter specifies the 2-octet value of the *PortInstance* field of the *VLC\_CONFIG*  
29 *VLC PDU* to be transmitted.

30 The *rule\_tlv* parameter specifies the variable-length value of the *RulesTlv* field of the *VLC\_CONFIG*  
31 *VLC PDU* to be transmitted.

32 **1.1.1.1.1.3 When Generated**

33 This primitive is generated by the VLC client entity whenever a *VLC\_CONFIG VLC PDU* is to be transferred  
34 to a peer entity.

35 **1.1.1.1.1.4 Effect of Receipt**

36 The receipt of this primitive will cause the VLC sublayer to perform any required parsing and transformations  
37 of the request parameters necessary to encapsulate and transmit the primitive's parameters as a *VLC PDU*.

Deleted: <#>Classification fields  
*Editorial note: This is clause 6.1.1.1.2*  
Table 6-2—Classification fields  
FIELD\_CODE ... [1]

1 [After performing these actions, the VLC sublayer asserts the MACCSI:MA DATA.request primitive](#)  
2 [according to the procedures described in 4.3.1.x.](#)

### 3 **1.1.1.1.2 VLCSI:VLC PDU.indication**

4 **Editorial note: This is clause 4.3.1.2.2**

5 [The semantics of the primitive are as follows:](#)

```
6 VLCSI:VLC PDU.indication \(  
7     msg\_code,  
8     msg\_sequence,  
9     port\_instance,  
10     rule\_tlv  
11 \)
```

12 [The \*msg\\_code\* parameter specifies the 1-octet value of the MsgCode field of the received VLC\\_CONFIG](#)  
13 [VLC PDU.](#)

14 [The \*msg\\_sequence\* parameter specifies the 2-octet value of the MsgSequence field of the received](#)  
15 [VLC\\_CONFIG VLC PDU.](#)

16 [The \*port\\_instance\* parameter specifies the 2-octet value of the PostInstance field of the received](#)  
17 [VLC\\_CONFIG VLC PDU.](#)

18 [The \*rule\\_tlv\* parameter specifies the variable-length value of the RulesTlv field of the received](#)  
19 [VLC\\_CONFIG VLC PDU.](#)

#### 20 **1.1.1.1.2.1 When Generated**

21 [This primitive is generated by the VLC sublayer whenever an VLC\\_CONFIG VLC PDU is received from a](#)  
22 [peer entity.](#)

#### 23 **1.1.1.1.2.2 Effect of Receipt**

24 [The receipt of this primitive will cause the VLC client to perform the requested actions specified by the](#)  
25 [received parameters.](#)

26

Deleted: ¶

