Accredited Standards Committee
X3, Information Processing Systems

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8a

Reply to: Ed Carmona

To: X3T10.1 Membership
From: Ed Carmona

Subject: Additional Query Port information

BACKGROUND

Currently, a Configutor cannot receive key configuration parameters based on a
Configuration Port SMS being issued to a node. The following proposal requests that
changes be made to retrieve all configuration parameters including A Quota, B Quota,
EUDC bit, Reflect bit, & Mode bit information.

PROPOSAL

The following changes are requested to the SSA-TL1 specifcations:

Change Table 36 as follows:

Table 36 - QUERY PORT REPLY SMS

Byte	Bit 7	6	5	4	3	2	1	Bit 0
0	SMS CODE (0BH)							
1	reserved							
2	TAG							
3	TAG							
4	LINK ERP ERROR COUNT							
5	LINK ERP ERROR COUNT							
6	A QUOTA							
7	B QUOTA							
8	EUDC	REFLECT	MODE		reserved			
9	reserved							
10	ALARM THRESHOLD							
11	ALARM THRESHOLD							
12	SUPPORTED SPEED							
13	SUPPORTED SPEED							
14	CURRENT SPEED							
15	CURRENT SPEED							

Add the A Qutoa, B Quota, EUDC bit, REFLECT bit, & MODE bit descriptions in
clause 11.2.8,

The A QUOTA field specifies the current frame A quota for the port set by the CONFIGURE PORT SMS for the selected port.

The B QUOTA field specifies the current frame B quota for the port set by the CONFIGURE PORT SMS for the selected port.

The EUDC field specifies the current setting of the EUDC bit for the port set by the CONFIGURE PORT SMS for the selected port.

The REFLECT field specifies the current setting of the REFLECT FLAG for the node.

The MODE field specifies the current port mode as defined in Table 37.

Table 37 - Current Mode field values

Value	Description
01b	WRAP MODE.
10b	NORMAL MODE.
11b	PRIVILEGED MODE.

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