

**GraCaSI**

**STANDARDS ADVISORS**

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GraCaSI

**-Objections-  
To  
Reapproval of PAR, CSD  
At 802 Exec**

**Friday, Mar. 14, 2019**

**Geoff Thompson  
GraCaSI S.A./Independent**

## FACTS (1):

The EC Mid-Process Reconfirmation of the CSD is currently part of our process.

It's purpose is to check whether the project has stayed on track to its approved project paperwork



## FACTS (2):

The traditional item  
that separated 802 WGs  
was SharedMedia Access  
Method e.g Token Ring,  
Token Bus, DQDB, CSMA/CD



Ethernet's identity is fundamentally  
Linked to CSMA/CD.

## FACTS (3):

The media access control  
Mechanism belongs in the  
MAC sublayer

**REF: 802.3 cl. 1.1.3**

## **Architectural perspectives**

There are two important ways to view network design  
corresponding to the following:

- a) *Architecture*. Emphasizing the logical divisions of the system and how they fit together.
- b) *Implementation*. Emphasizing actual components, their packaging, and interconnection.

This standard is organized along architectural lines



## ISSUES:

The cg project has grown a new shared media access control mechanism (PLCA) not mentioned in the PAR

PLCA has been “placed” in the Physical Layer.  
This is a layer violation.



## REMEDIES:

Change the PAR paperwork to include a new shared media access control mechanism placed in MAC sublayer

-or-

Split out PLCA and give it  
A new project (preferred).



## TWO BIG ISSUES:

Project paperwork does  
Not reflect addition of a  
New (non CSMA/CD) MAC  
(GOT opinion: Not “Ethernet”)

MAC is “placed” in  
Physical Layer which  
Is a LAYER VIOLATION



# MY REQUEST:

GraCaSI

Vote NO

On the reaffirmation of the PAR and CSD

For P802.3cg

Thank you for your attention and consideration.

Geoff

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