

# P802.1ACby

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**Submitter Email:** [bob.grow@ieee.org](mailto:bob.grow@ieee.org)

**Type of Project:** Amendment to IEEE Standard 802.1AC-2012

**PAR Request Date:** 11-Sep-2012

**PAR Approval Date:**

**PAR Expiration Date:**

**Status:** Unapproved PAR, PAR for an Amendment to an existing IEEE Standard

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**1.1 Project Number:** P802.1ACby

**1.2 Type of Document:** Standard

**1.3 Life Cycle:** Full Use

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**2.1 Title:** Approved Draft Standard for Media Access Control (MAC) Service Definition Amendment Support by Media Oriented Systems Transport (MOST) Ethernet channel

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**3.1 Working Group:** Higher Layer LAN Protocols Working Group (C/LM/WG802.1)

**Contact Information for Working Group Chair**

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**3.2 Sponsoring Society and Committee:** IEEE Computer Society/LAN/MAN Standards Committee (C/LM)

**Contact Information for Sponsor Chair**

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**4.1 Type of Ballot:** Individual

**4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot:** 05/2013

**4.3 Projected Completion Date for Submittal to RevCom:** 10/2013

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**5.1 Approximate number of people expected to be actively involved in the development of this project:** 10

**5.2.a. Scope of the complete standard:** The scope of this standard is to define the Medium Access Control Service found in Local and Metropolitan Area Networks, and the Internal Sublayer Service and Extended Internal Sublayer Service provided within MAC Bridges, in abstract terms of: a) their semantics, primitive actions and events; and b) the parameters of, interrelationship between, and valid sequences of, these actions and events.

**5.2.b. Scope of the project:** This project adds MAC procedures for inclusion of the Ethernet Channel of MOST networks within the set of network types described in the standard as supporting the 802.1 Internal Sublayer Service (ISS).

**5.3 Is the completion of this standard dependent upon the completion of another standard:** No

**5.4 Purpose:** The MAC service was originally defined within an ISO/IEC standard (ISO/IEC 15802-1), and the Internal Sublayer Services are defined within IEEE 802.1D and IEEE 802.1Q. The purpose of this standard is to revise the documentation of these existing services within a single, common service definition standard. It is not the purpose of this project to make technical changes to these services.

**5.5 Need for the Project:** There is a need to enable mixed MOST and 802 networks either between a vehicle and an infrastructure network or between MOST and 802 networks within a vehicle. This needs to be specified in the 802.1 family of standards.

**5.6 Stakeholders for the Standard:** Component and system manufacturers, providers of network management systems, and users of MOST and other ISS compatible networks.

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## Intellectual Property

**6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?:** No  
**6.1.b. Is the Sponsor aware of possible registration activity related to this project?:** No

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**7.1 Are there other standards or projects with a similar scope?:** No

**7.2 Joint Development**

**Is it the intent to develop this document jointly with another organization?:** No

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**8.1 Additional Explanatory Notes (Item Number and Explanation):** 5.4 IEEE Std 802.1AC does not include a purpose clause.

6.1.b Networks compatible with the ISS use IEEE administered registration authority OUIs, but this standard is not expected to produce any new content related to the use of OUIs and derived addresses.