

**IEEE P802.15**  
**Wireless Personal Area Networks**

Project	IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)	
Title	<b>FCSL/PAL - MLME SAP Proposal</b>	
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Re:	[]	
Abstract	[This document contains a list or proposed changes to IEEE Std 802.15.3.]	
Purpose	[The purpose of this document is to propose changes to IEEE Std 802.15.3 to improve compatibility, performance and clarity in the standard.]	
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The following table lists proposed MLME primitives and their purpose.

MLME	Purpose
MLME_RESET.request	Reset MAC/MLME
MLME-SCAN.request	Scan for piconets
MLME-SCAN.confirm	Report result of scan (piconets found)
MLME-START.request	Start operation as a PNC
MLME-START.confirm	Report result of the start request
MLME-STOP.request	Stop operation as a PNC
MLME-STOP.confirm	Report result of the stop request
MLME-ASSOCIATE.request	Associate with a piconet
MLME-ASSOCIATE.confirm	Report result of associate request
MLME-ASSOCIATE.indication	Report association of DEV
MLME-DISASSOCIATE.request	Disassociate from a piconet
MLME-DISASSOCIATE.indication	Report disassociation of DEV
MLME-PNC-HANDOVER.indication	Report change in PNC
MLME-DEV-INFO.request	Request information about associated DEV(s)
MLME-DEV-INFO.confirm	Report information requested about DEV(s)
MLME-DEV-INFO.indication	Report DEV association information (unsolicited)
MLME-ASIE.request	Add ASIE to beacon
MLME-ASIE.confirm	Report result of request to add ASIE to beacon
MLME-ASIE.indication	Report the reception of an ASIE in a beacon
MLME-CREATE-STREAM.request	Create an isochronous stream
MLME-CREATE-STREAM.confirm	Report result of create stream request
MLME-CREATE-STREAM.indication	Report creation of a stream (target)
MLME-MODIFY-STREAM.request	Modify an isochronous stream
MLME-MODIFY-STREAM.confirm	Report result of modify stream request
MLME-TERMINATE-STREAM.request	Terminate an isochronous stream

MLME	Purpose
MLME-TERMINATE-STREAM.confirm	Report result of terminate stream request
MLME-TERMINATE-STREAM.indication	Report termination of a stream (target)
MLME-STREAM-STATUS.request	Request current stream status
MLME-STREAM-STATUS.confirm	Report result of stream status request
MLME-STREAM-STATUS.indication	Report stream status (unsolicited)
MLME-PICONET-PARM-CHANGE.request	Change BSID or SuperframeDuration
MLME-PICONET-PARM-CHANGE.confirm	Report result of parm change request
MLME-PICONET-PARM-CHANGE.indication	Report change in BSID
MLME-BEACON-EVENT.request	Request activation of the MAC synchroni- zation support facility
MLME-BEACON-EVENT.confirm	Report result of request to activate the MAC synchronization support facility
MLME-BEACON-EVENT.indication	Report beginning of Beacon PHY preamble
MLME-PICONET-SERVICES	
MLME-VENDOR-SPECIFIC	