IEEE P802.15
Wireless Personal Area Networks

Project	IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)	
Title	**TG3 MAC architecture SDL**	
Date Submitted	[6 December 2000]	
Source	[Allen Heberling] [Eastman Kodak Company] [4545 East River Road Rochester, NY 14650-0898 USA]	Voice: [+1 716 781 9328] Fax: [+1 716 781 9733] E-mail:[allen.heberling@kodak.com]
Re:	[]	
Abstract	[Post Session #9/Tampa baseline for MAC Sublayer discussions.]	
Purpose	[This contribution is a of a TG3 MAC architecture SDL [TG3_MAC_Arch.pdf] which was part of the discussion during the TG3 MAC committee con-call 5Dec00 at 11:00am CST. The following is an updated draft version of the architecture file I sent out 5Dec00. The differences between this version and the one yesterday are: 1) this one has an official document number: -00/408r0 2) signal route names and gate names were added to the diagram.]	
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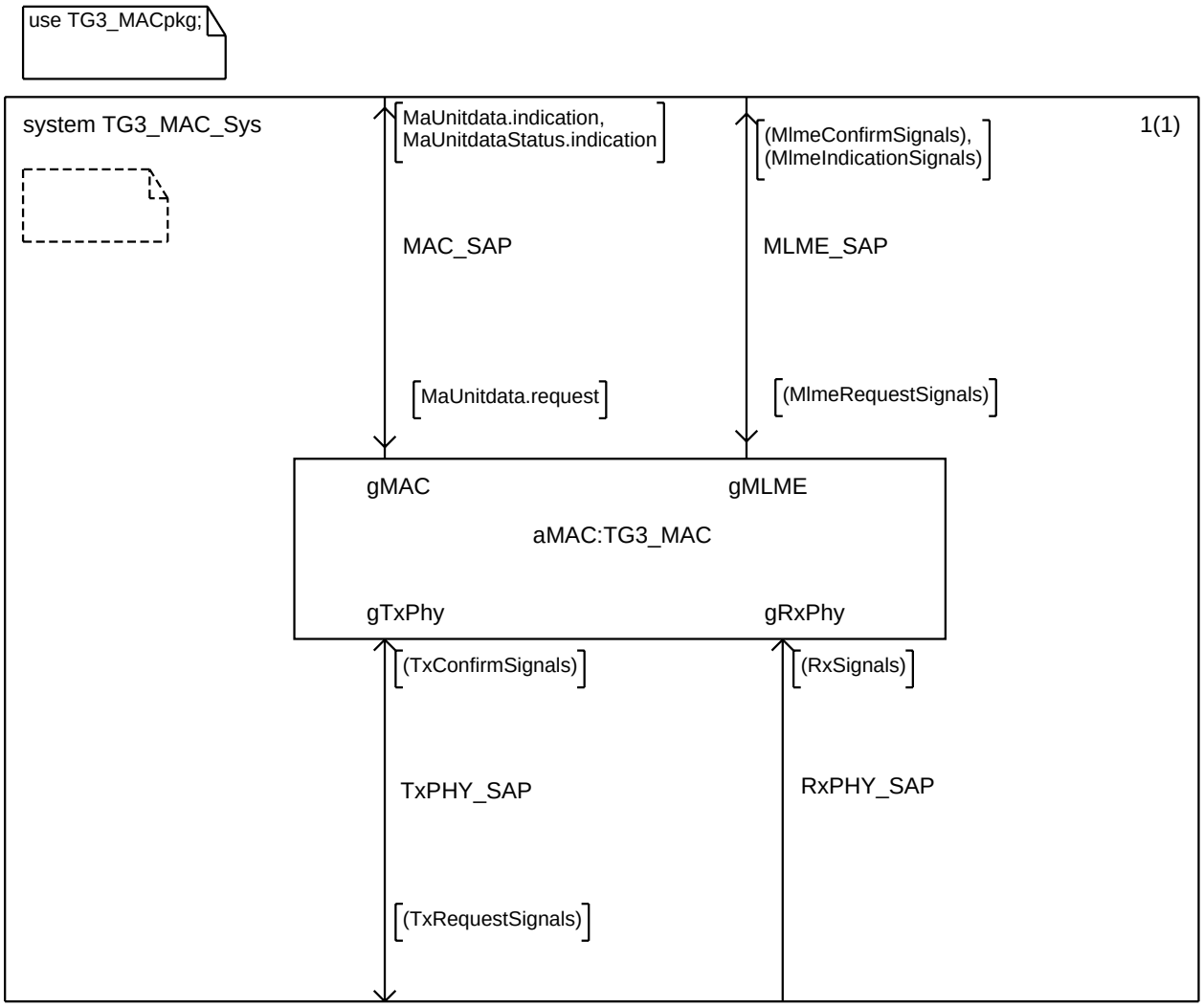
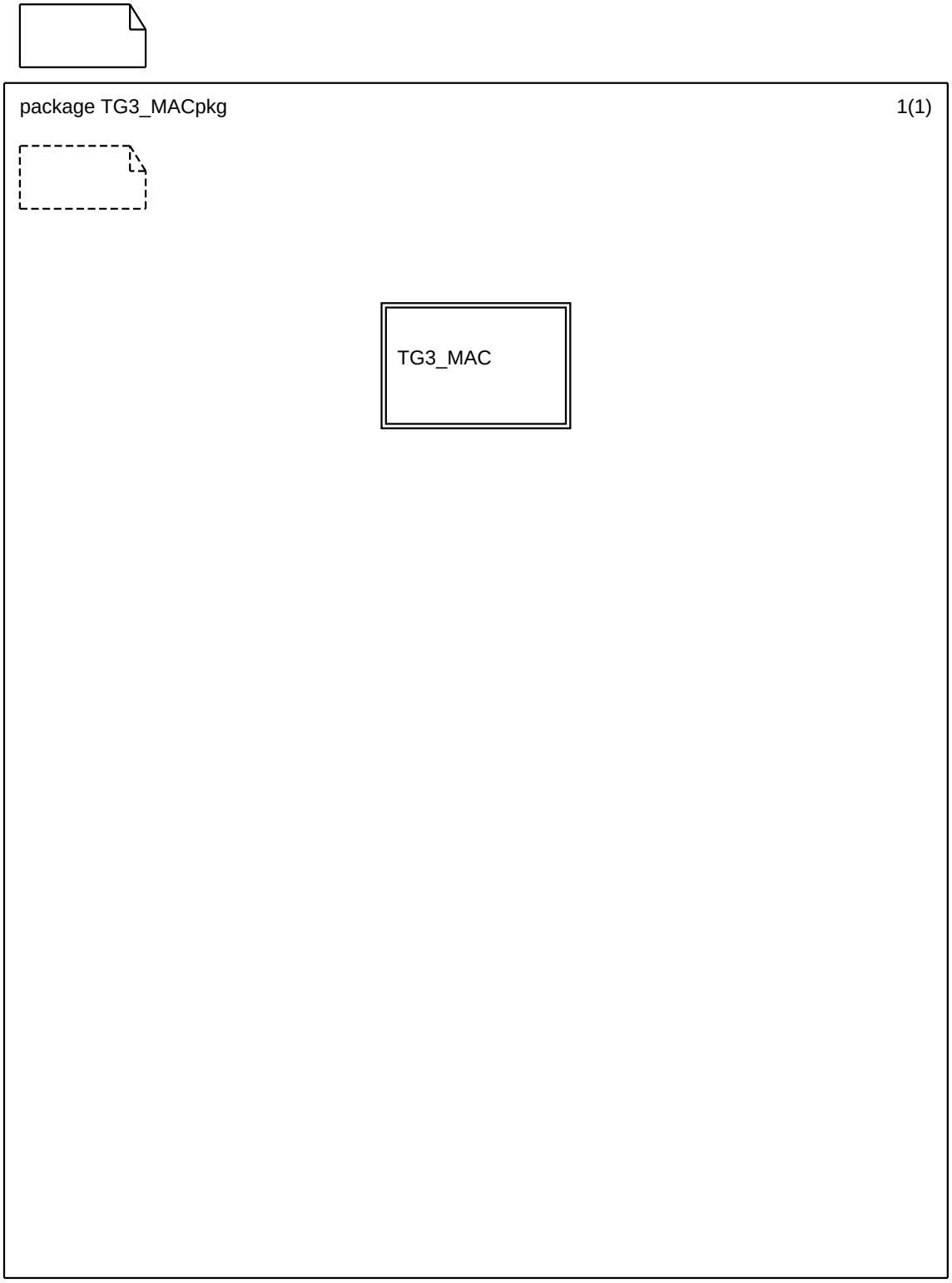
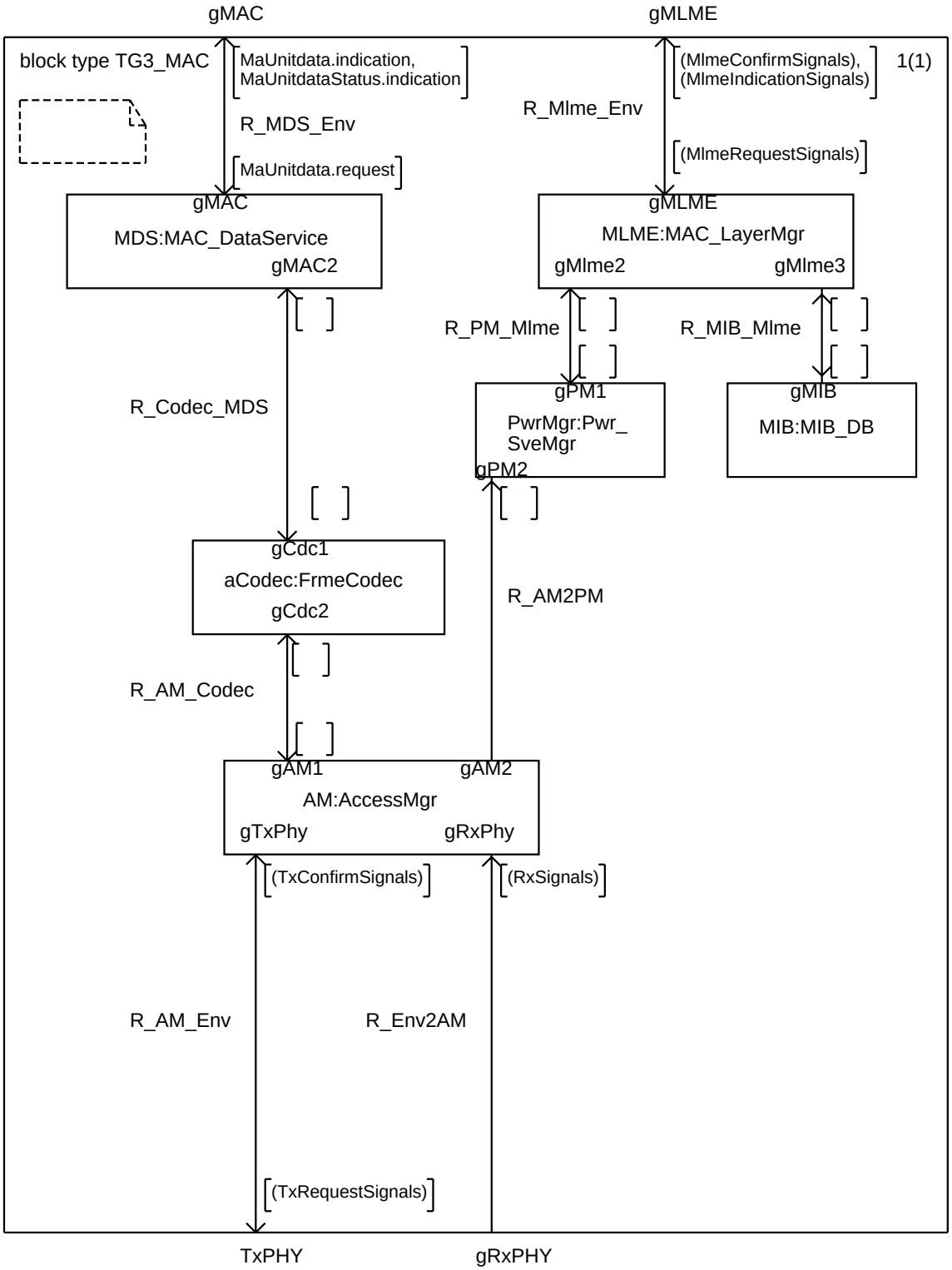
Release	The contributor acknowledges and accepts that this contribution becomes the property of IEEE and may be made publicly available by P802.15.	


use TG3_MACpkg;
system TG3_MAC_Sys
1(1)
MaUnitdata.indication,
MaUnitdataStatus.indication
(MlmeConfirmSignals),
(MlmeIndicationSignals)
MAC_SAP
MLME_SAP
MaUnitdata.request
(MlmeRequestSignals)
gMAC
gMLME
aMAC:TG3_MAC
gTxPhy
gRxPhy
(TxConfirmSignals)
(RxSignals)
TxPHY_SAP
RxPHY_SAP
(TxRequestSignals)


package TG3_MACpkg
1(1)
TG3_MAC


gMAC
gMLME
block type TG3_MAC
MaUnitdata.indication,
MaUnitdataStatus.indication
(MlmeConfirmSignals),
(MlmeIndicationSignals)
1(1)
R_MDS_Env
R_Mlme_Env
MaUnitdata.request
(MlmeRequestSignals)
gMAC
MDS:MAC_DataService
gMAC2
gMLME
MLME:MAC_LayerMgr
gMlme2
gMlme3
R_PM_Mlme
R_MIB_Mlme
gPM1
PwrMgr:Pwr_
SveMgr
gMIB
MIB:MIB_DB
R_Codec_MDS
gPM2
gCdc1
aCodec:FrmeCodec
gCdc2
R_AM2PM
R_AM_Codec
gAM1
gAM2
AM:AccessMgr
gTxPhy
gRxPhy
(TxConfirmSignals)
(RxSignals)
R_AM_Env
R_Env2AM
(TxRequestSignals)
TxPHY
gRxPHY