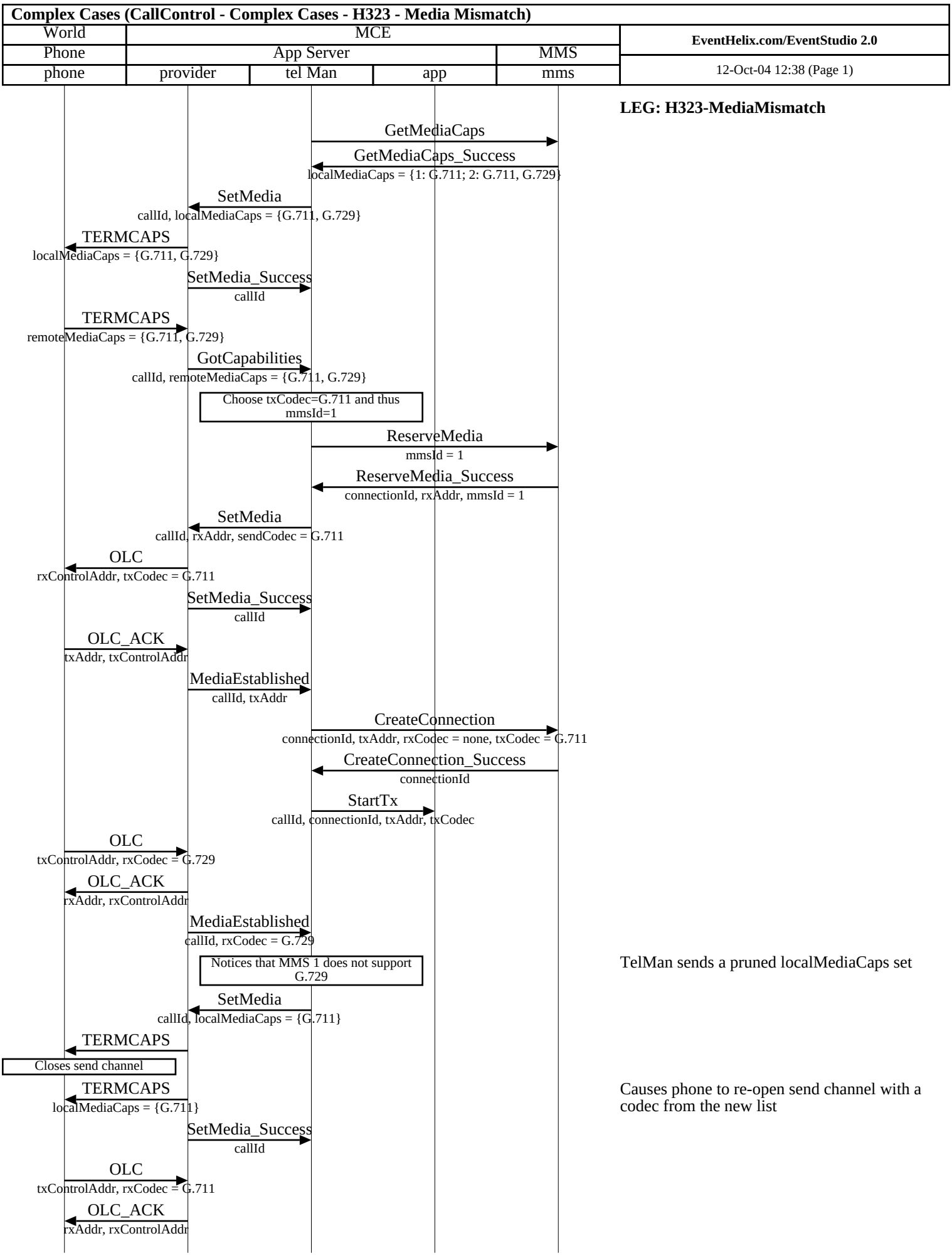
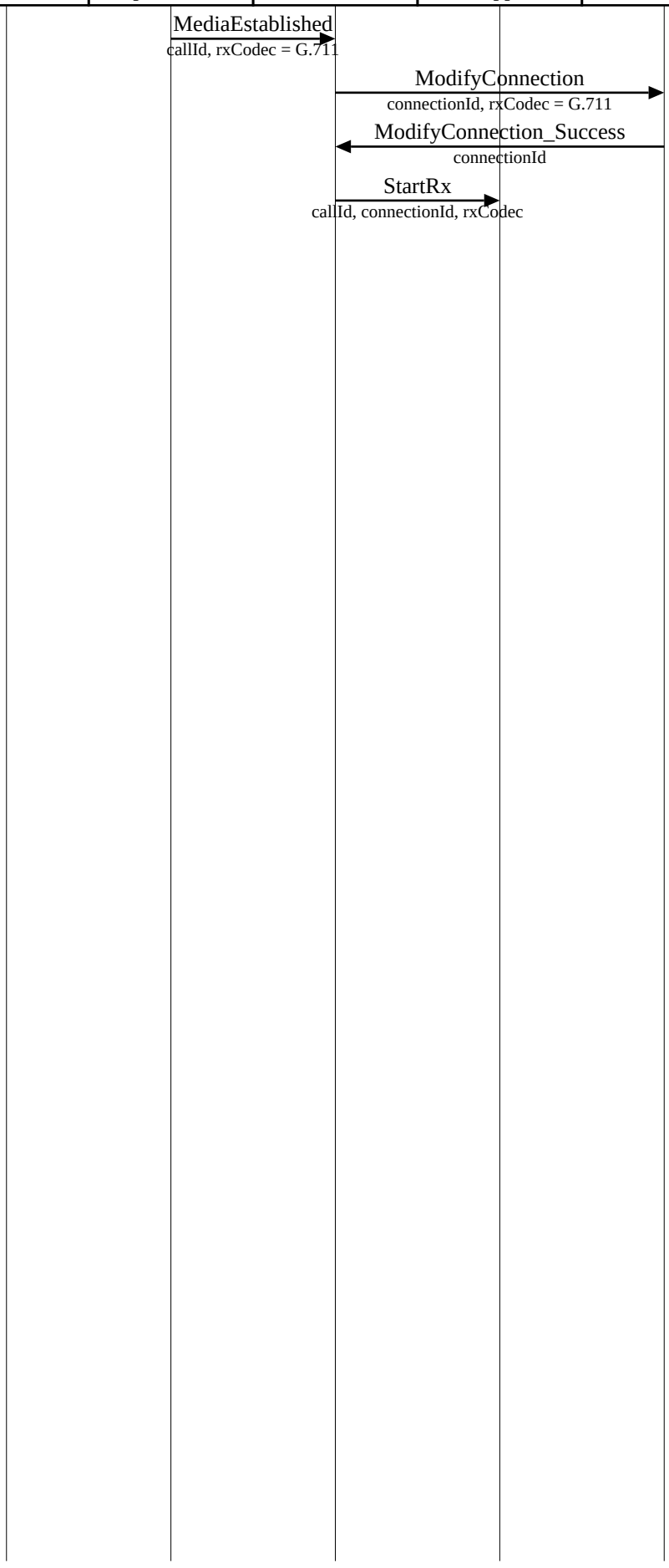
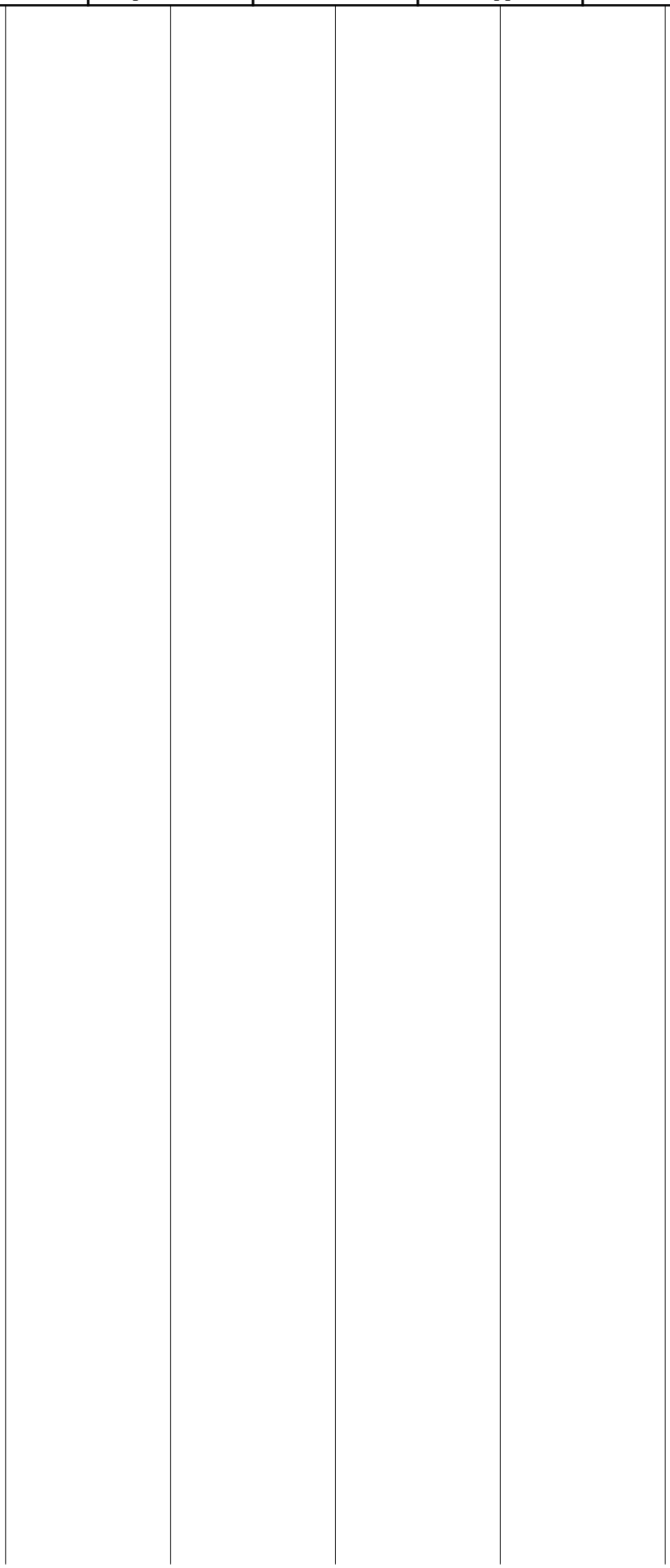

Complex Cases (CallControl - Complex Cases - H323 - Media Mismatch)
World
Phone
phone
MCE
App Server
provider
tel Man
app
MMS
mms
EventHelix.com/EventStudio 2.0
12-Oct-04 12:38 (Page 1)
LEG: H323-MediaMismatch
GetMediaCaps
GetMediaCaps_Success
localMediaCaps = {1: G.711; 2: G.711, G.729}
SetMedia
callId, localMediaCaps = {G.711, G.729}
TERMCAPS
localMediaCaps = {G.711, G.729}
SetMedia_Success
callId
TERMCAPS
remoteMediaCaps = {G.711, G.729}
GotCapabilities
callId, remoteMediaCaps = {G.711, G.729}
Choose txCodec=G.711 and thus mmsId=1
ReserveMedia
mmsId = 1
ReserveMedia_Success
connectionId, rxAddr, mmsId = 1
SetMedia
callId, rxAddr, sendCodec = G.711
OLC
rxControlAddr, txCodec = G.711
SetMedia_Success
callId
OLC_ACK
txAddr, txControlAddr
MediaEstablished
callId, txAddr
CreateConnection
connectionId, txAddr, rxCodec = none, txCodec = G.711
CreateConnection_Success
connectionId
StartTx
callId, connectionId, txAddr, txCodec
OLC
txControlAddr, rxCodec = G.729
OLC_ACK
rxAddr, rxControlAddr
MediaEstablished
callId, rxCodec = G.729
Notices that MMS 1 does not support G.729
TelMan sends a pruned localMediaCaps set
SetMedia
callId, localMediaCaps = {G.711}
TERMCAPS
Closes send channel
TERMCAPS
localMediaCaps = {G.711}
Causes phone to re-open send channel with a codec from the new list
SetMedia_Success
callId
OLC
txControlAddr, rxCodec = G.711
OLC_ACK
rxAddr, rxControlAddr


MediaEstablished
callId, rxCodec = G.711
ModifyConnection
connectionId, rxCodec = G.711
ModifyConnection_Success
connectionId
StartRx
callId, connectionId, rxCodec



LEG: Media-Renegotiation