

Event: 200ms timer timeout

- IF ACKFlag = true
 - Post Begin Transmit event to PACTransmit with ENCR_KEY event parameter
 - Start 100ms resend timer
 - Start 200ms timer & set timer active flag
 - Set LastTxPacketType = ENCR_KEY
 - Clear ACKFlag
 - *Move to Paired state*
- ELSE
 - Clear 200ms timer active flag

Event: STATUS received with pair bit set & LastTxPacketType = REQ_PAIR

- Get the paired lobbyist's address from PACReceive
- Turn on pair LED
- Start pair guard timer and clear CanUnpair flag
- Post Pair Request Accepted event to UIService
- Start 1s timer
- IF 200ms timer active
 - Set ACKFlag
- ELSE
 - Post Begin Transmit event to PACTransmit with ENCR_KEY event parameter
 - Start 100ms resend timer
 - Start 200ms timer & set timer active flag
 - Set LastTxPacketType = ENCR_KEY
 - Clear ACKFlag

Event: STATUS received with pair bit set

- Restart 1s timer
- IF ACKData byte matches encrypted checksum of last CTRL packet OR LastTxPacketType = ENCR_KEY
 - IF 200ms timer active
 - Set ACKFlag
 - ELSE
 - Post Begin Transmit event to PACTransmit with CTRL event parameter
 - Start 100ms resend timer
 - Start 200ms timer & set timer active flag
 - Set LastTxPacketType = CTRL
 - Clear ACKFlag
- ELSE
 - Do nothing

