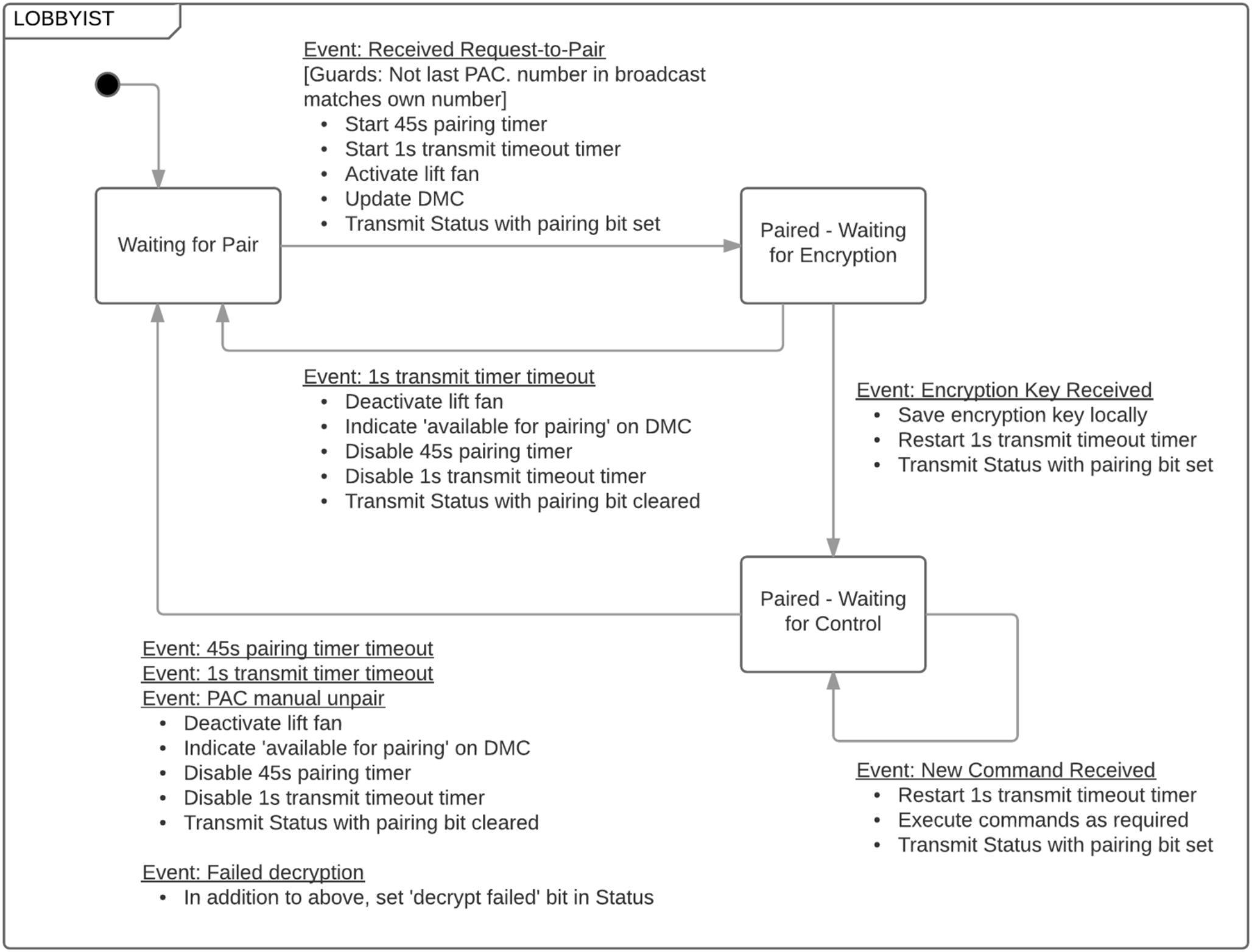
LOBBYIST
Event: Received Request-to-Pair
[Guards: Not last PAC. number in broadcast matches own number]
• Start 45s pairing timer
• Start 1s transmit timeout timer
• Activate lift fan
• Update DMC
• Transmit Status with pairing bit set
Waiting for Pair
Paired - Waiting for Encryption
Event: 1s transmit timer timeout
• Deactivate lift fan
• Indicate 'available for pairing' on DMC
• Disable 45s pairing timer
• Disable 1s transmit timeout timer
• Transmit Status with pairing bit cleared
Event: Encryption Key Received
• Save encryption key locally
• Restart 1s transmit timeout timer
• Transmit Status with pairing bit set
Paired - Waiting for Control
Event: 45s pairing timer timeout
Event: 1s transmit timer timeout
Event: PAC manual unpair
• Deactivate lift fan
• Indicate 'available for pairing' on DMC
• Disable 45s pairing timer
• Disable 1s transmit timeout timer
• Transmit Status with pairing bit cleared
Event: Failed decryption
• In addition to above, set 'decrypt failed' bit in Status
Event: New Command Received
• Restart 1s transmit timeout timer
• Execute commands as required
• Transmit Status with pairing bit set