

Understanding the Clear/Set Procedures

By Kevin Noble



With new manufacturers beginning to enter into the market, or when the casino brings these games onto the floor, I have been on the internet asking for help to prepare myself about certain manufacturer's clear /set procedures. This also applies to existing manufacturers upgrading their software, and even when new technicians are starting out on the job.

As Slot Tech Magazine carries some articles that are technically advanced, I still like to keep things simple with the new guys in mind just starting out. I was there once, and wished one day that it was that simple.

As time goes by, and the clears and sets are done routinely, thru EPROM upgrades, theme and denomination conversions, and repair you understand the steps involved for each manufacturer's clear and set-up process. This becomes easier, the more times it is done.

gets a chance to do these set and clears because of the availability of our Electronic Gaming Officers. Currently at our site, we do not have every manufacturer, every reel or video game, but enough to give the customers a different variety such as IGT, BALLY, WILLIAMS, SIGMA, KONAMI, ANCHOR, and MIKOHN.

THE REELS

BALLY 6000

- Ø First there are 3 levels of SafeRam clears used for both the 6000 and 5500

Complete

- Ø erases and reformats the SafeRam
- Ø game options are restored to factory default
- Ø all soft meters reset to "0" including SafeRam counter
- Ø SafeRam counter is erased
- Ø power up with clear chips in and hold pseudo and test buttons down
- Ø message CH C and then CL C will appear, and then all light flashing

Full

- Ø SafeRam counter is not erased
- Ø Game options are re-

stored to factory default

- Ø All soft meters reset to "0"
- Ø Power up with clear chips in and hold pseudo button down
- Ø Message CH F and CL F will appear, and then all lights flashing

Partial

- Ø SafeRam counter is not erased
- Ø Game options remain the same
- Ø All soft meters reset to "0"
- Ø Power up with just the clear chips in
- Ø Message CH P and CL P will appear, and then all lights flashing.

Clearing Procedure (using Mikohn SAS)

1. power machine off and remove MPU
2. r e m o v e EPROMS U28 and U43
3. install clear chip U28 and U43 in there correct locations
4. turn power on (depending on what clear procedure is needed)
5. power down and remove clear

- chips
6. reinstall original EPROMS, and power up
 7. Reels will reset, when they start to spin, close door before they stop
 8. hit change button, insert coin and BV light should come on
 9. set options

BALLY 5500

∅ There are also the same three levels of SafeRam clears used here instead of removing the U28 and U43; we simply jump the pins at JW 10.

Clearing Procedure

1. power machine

- off, pull out MPU
2. move JW 10 into the next position
3. turn power on (again depending what clear is needed)
4. after the clear is performed, return JW 10 to normal position
5. power up, reels will reset, set options

WILLIAMS

Clearing Procedure

1. Power down game
2. Remove CPU from tray and remove XU3
3. Install clear chip with correct denomination
4. power machine up (correct denomination will appear)
5. power game down and

- remove clear chip
6. Install your XU3 back in the socket
7. Message "clr" appears
8. If a game change is needed "6annE" appears first
9. push diagnostic button twice for game change
10. push diagnostic button once , game reboots
11. "clr" appears again, press diagnostic button again
12. reset all options

SIGMA

Clearing Procedure

1. Turn off machine
2. Turn and leave reset in "on" position
3. Depress and hold test button and turn on game

4. Message "ALL DATA W/O SETTING WILL BE CLEARED"
5. after message is displayed release reset and test button
6. power game off and on
7. calibrate SIB board and set options

IGT / ANCHOR

Clearing Procedure Using Mikohn (SAS)

1. remove game "SP" chip
2. insert desired clear chip
3. power up, "0" appears in cp window
4. Remove clear chip and install desired "SP" chip
5. 61 code appears, press self test for three seconds
6. 61-1 appears, close door and turn reset key one time
7. 65-3 appears, turn reset key one time
8. 65-1 appears, open door and press self test for three seconds
9. wait for reels to spin, I usually set machine option now
10. Power down, install desired set chip (0091 for example)
11. 0091 appears in credit window, press self test button
12. A "0" appears, set this to 2 (SAS) using reset key
13. press self test again and set machine address to 1
14. Continue this until all options are set to your configurations (BV enable, de-

nomination, progressive)

15. Power down remove set chip, reinstall desired "SP" chip
16. Power up, 61 code appears, close door and turn reset to clear
17. Verify all options are set correctly.

Wheel of Fortune and Prize display

- Ø The Wheel of Fortune progressive display uses the same clear and set procedure as the IGT except for a couple of added steps.
- Ø To set the display follow steps 1 to 14
- Ø After setting the denomination (#6), and pressing the self test button again #9 appears in the coins played window and #1 in the winners paid.

Setting the Progressive Display Option (not used as a stand-a-alone, but display only)

14. Press self test and #9 appears and #1
15. For a quarter game, (start value in the thousands column) turn the rest key four times until \$5,000.00 appears. (progressive reset amount)

16. For a dollar game, (start value in the ten thousands column) turn the reset key five times until \$10,000.00 appears.
17. press self test again #9 - 2 appears, set your maximum progressive amount
18. press self test again #9 - 3 appears, set your incrementation rate
19. press self test again #9 - 4 appears, set your current progressive amount
20. power down, remove set chip, reinstall desired "SP" chip
21. power up, 61 code appears, close door and turn reset key to clear
22. Verify all options are set correctly.

Overview

There are still many more manufacturers out there, other procedures, older versions that I have not been exposed to, and many others that I have just plain forgotten. If anybody has any other manufacturer procedures that we could add at a later date to help new technicians, please drop me a line. If we can come up with enough material to make another list, I can pass it along to others. In another issue I hope to pass along the current video machines clears and sets used on our floor.

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