# Requirements

[1. Extension of Undisturbed Periods and Reset Break due to Contact. 1](#_Toc276710001)

[2. Processing Contact during Undisturbed Periods. 4](#_Toc1076407427)

[Part-I 4](#_Toc1845657503)

[Part-II 9](#_Toc733937818)

[Part-III 9](#_Toc165465783)

[Part-IV 10](#_Toc2055000788)

[Part-V 10](#_Toc1788651071)

[Part-VI 10](#_Toc1477573518)

[3. Create IVR Contact records on Canadian HOS Log screen. 25](#_Toc1039199041)

[4. Processing E-95 bookoff during late tie up. 25](#_Toc2147198712)

[5. Changes to the natural reset assessment criteria. 25](#_Toc285005990)

[6. Modify messages in call programs to include earliest available times for employees coming out of a system or manual reset. 26](#_Toc1675384943)

[7. Changes WRT Yardmasters, Yardmaster Trainees and Switch-tenders. 27](#_Toc1179022681)

[Part-I 27](#_Toc1641485439)

[Part-II 28](#_Toc336399456)

[7.1. Changes to PSTS08 call process. 28](#_Toc973901428)

[8. Color formatting for employee name field on inquiry screens. 28](#_Toc1495953749)

[8.1. PSTS15X 31](#_Toc1382109128)

[8.2. PSTS06 31](#_Toc2067164353)

[8.3. PSTS12 31](#_Toc1232391748)

[8.4. PSTS02B 31](#_Toc1505373559)

[8.5. PSTS02C 31](#_Toc983444494)

[8.6. PSTS02D 31](#_Toc1366782734)

[8.7. PSTS02E 31](#_Toc496250860)

[9. Change to RESETSHW processing. 31](#_Toc527538665)

[10. Display return time of employees in E95 or System, Manual or Adjusted resets. 31](#_Toc1438116941)

[11. Employees in RESETSHW/RESADSHW on CALL BOARD REPORT. 31](#_Toc662765537)

# Extension of Undisturbed Periods and Reset Break due to Contact.

With each contact event found during undisturbed periods, the current CATS process extends Reset Break until 0559 AM of the following day. For instance, if Reset Break ends at 06:30 AM on May 1, then one contact event during undisturbed periods extends it to 05/02/’24 05:59 AM, two contact events during undisturbed periods extend it to 05/03/’24 05:59 AM, and so on. The current CATS procedure does not guarantee that the Reset Break comprises two undisturbed periods, nor does it change the initially recorded undisturbed periods independent of contact. This process will be modified as follows to ensure Reset Break includes 2 periods of undisturbed rest.

A Reset Break is required by Canadian rules to

* Last at least 32 hours
* Include two undisturbed eight-hour periods of rest **between 10 PM and 8 AM** the following morning.
  + At CN, between 10 PM and 8 AM the next morning, the first undisturbed period should have a minimum continuous undisturbed duration of 8 hours
  + Wile the second should have a minimum continuous undisturbed duration of 7 hours 59 minutes (not 8).
  1. **In the context of a natural reset (RESETNAT, RESETN32):**

The calculation that determines the Reset Break duration and its 2 undisturbed periods, should be modified with reference to contact events as follows:

1. **First undisturbed period (UD1):**

* By default, UD1 is 10 hours, from 10 PM until 8:00 AM.
* Scenario 1:
* If a CONTACT is found during the first undisturbed period,
  + The system should determine if there were at least eight continuous undisturbed hours during that period.
  + If so, the system should regard the determined 8 hours or more as the first undisturbed period, as shown in the following examples.

Ex-1:

* UD1: starts at 11/20 22:00 and ends at 11/21 08:00.
* CONTACT: starting at 11/20 22:00 and ending at 11/20 22:01
* UD1 should be considered as **11/20 22:01** to 11/21 08:00 for further calculation.

Ex-2:

* UD1: starts at 11/20 22:01 and ends at 11/21 08:00.
* CONTACT: starting at 11/21 06:01 and ending at 11/21 06:02
* UD1 should be considered as 11/20 22:01 to **11/21 06:01** for further calculation.
* Scenario 2:
* If a CONTACT record is found during the first undisturbed period such that 8 continuous hours of undisturbed rest are not found
  + Then that period can no longer be considered undisturbed,
  + So system should shift the first and second undisturbed periods by a day in turn extending the projected natural reset time, as shown in the following examples.

Ex-1:

* UD1: starts at 11/20 22:00 and ends at 11/21 08:00
* UD2: starts at 11/21 22:00 and ends at 11/22 05:59
* RESET ends at 11/22 05:59.
* CONTACT: starting at 11/21 02:00 and ending at 11/21 02:01
* UD1, UD2 and RESET will be considered for further calculation as
* UD1: 11/21 22:00 to 11/22 08:00;
* UD2: 11/22 22:00 to 11/23 05:59
* RESET 11/23 05:59.

Ex-2:

* UD1 starts at 11/20 22:31 and ends at 11/21 08:00
* UD2 starts at 11/21 22:00 and ends at 11/22 05:59
* RESET ends at 11/22 06:29.
* CONTACT: starting at 11/21 06:00 and ending at 11/21 06:01
* UD1, UD2 and RESET will be considered for further calculation as
* UD1: 11/21 22:00 to 11/22 08:00;
* UD2: 11/22 22:00 to 11/23 05:59
* RESET 11/23 05:59.

1. **Second undisturbed period (UD2):**

* By default, UD2 starts at 10 PM and ends at 05:59 AM (7 hours 59 minutes).
* Scenario 1:
* If a CONTACT is found during the second undisturbed period,
  + The system should determine if there were at least 7 hours 59 minutes of continuous undisturbed time b/w 10 PM and 8 AM of the following day.
  + If so, the system should regard the determined 7 hours 59 minutes or more as the second undisturbed period, as shown in the following example. Extending the second undisturbed period may extend the projected natural reset time.

Ex-1:

* UD2: 11/22 22:00 to 11/23 05:59.
* CONTACT: starting at 11/22 22:30 and ending at 11/22 22:31,
* UD2 should be considered for further calculation as 11/22 22:31 to 11/23 06:30 (7 hours 59 minutes).
* If RESET is less than 11/23 06:30 (UD2 end), it should also be extended to 11/23 06:30 (UD2 end). RESET should be more than or equal to UD2 end.
* Scenario 2:
* If a CONTACT record is found during the second undisturbed period such that 7hrs59mins continuous undisturbed time is not found,
  + Then system will shift only the second undisturbed period by a day extending the projected natural reset, as shown in the following example.

Ex-1:

* UD1: 11/21 22:30 to 11/22 08:00;
* UD2: 11/22 22:00 to 11/23 05:59
* RESET 11/23 06:29.
* CONTACT: starting at 11/23 02:00 and ending at 11/23 02:01,
* UD2 and RESET will be different for further calculation;
* UD1: 11/21 22:30 to 11/22 08:00,
* **UD2: 11/23 22:00 to 11/24 05:59**
* **RESET 11/24 05:59.**
* In the current CATS application, a CONTACT event can be added via the CANADIAN HOS LOG (05Y) with a maximum duration of 16 hours and there can be overlapping durations between HOS events. Regardless of the overlap, a CONTACT event that spans the projected undisturbed periods following a work event may extend them as per the aforementioned calculations.
* For example,
* Case 1: CONTACT is found starting from 11/22 1600 to 11/23 0231
* An overlapping work event is found starting from 11/22 1700 to 11/22 1900
* Case 2: CONTACT is found starting from 11/22 1800 to 11/23 0231 and
* An overlapping work event is found starting from 11/22 1700 to 11/22 1900,
* UD1, UD2 and RESET following the work event in both the cases would be
* UD1: 11/23 2200 to 11/24 0800,
* UD2: 11/24 2200 to 11/25 05:59
* RESET: 11/25 05:59; the CONTACT event shifted the original UD1 by a day, there by shifting UD2 and RESET as well.

**Note:**

1. At CALL, based on the final calculated values of the projected UD1, UD2 and RESET, and the Order time, On-duty time, and Lead time of the job,

If the employee qualifies for a natural reset, a RESETNAT/RESETN32 will be recorded for the employee. (See Requirement 5)

1. Per the current CATS process:

* Calculation of HOS total:
  + The duration of a CONTACT counts towards the employee’s HOS totals,
  + But CONTACT events do not qualify as work events;
* 7DAY:
  + System begins an employee’s 7DAY with a work event such as

An incidental/commute/manual/yard/local/road HOS,

* + So a 7DAY START will never coincide with a CONTACT HOS’s start time. This functionality will continue to function as is.
  1. **In the context of other resets (RESETSYS/S32/SHW/MNL/M32):**
* System automatic Reset: When MA0V puts an employee into RESETSYS/RESETS32/RESETSHW, or when
* a manual reset: RESETMNL/RESETM32 is recorded,
* Any CONTACT records that exist at the time of processing after the then most recent RESET record will be considered in the determination of the new undisturbed periods and reset break. **After the new reset is recorded, it will therefore be the latest or most recent reset.**
* Any HOS inserted with a start time that is less than the most recent reset time will be ignored by the system unless the PF6=ADJ RESET function on CANADIAN HOS LOG (PSTS05Y) screen is used (see Requirement 2 Part VI).
* Note: When tie-up process records a RESETSYS/RESETS32,
  + The system will continue to disregard any HOS records that may be found after the off-duty time at the time of processing (if the employee ties up significantly late, CONTACT, or other HOS records may be found after the off-duty time) in the determination of undisturbed periods and reset break. The undisturbed periods and reset break will continue to be computed starting from the off-duty time.

# Processing Contact during Undisturbed Periods.

(Note: Parts II and V must be migrated to production with a head start of about 4 to 5 weeks before Parts I, III, IV and VI. Parts II and V update the application data on MSC03 and OLC01 files as required for the operation of Parts I, III and VI.)

### Part-I

1. ADD/CHANGE/DELETE of CONTACT records will be prohibited while the employee is in working(B) status (also see Requirement 2 Part-IV). The following message will be displayed to the user:

‘PLEASE UPDATE CONTACT WHEN THE EMPLOYEE IS NOT WORKING.’

1. When a CONTACT is inserted/modified/deleted on CANADIAN HOS LOG (05Y) screen –

‘UPD COMPLETED. CONTACT SUPPORT TO VERIFY UD PERIODS AND RESET BREAK.',

should be displayed instead of 'UPDATE WAS SUCCESSFUL’,

provided the inserted/modified/deleted CONTACT record impacts undisturbed periods of the latest recorded reset. This impact is determined by recalculating the HOS records from the penultimate RESET HOS record. To locate the penultimate RESET HOS record, the system will search up to 15 previous OLC01 records of the employee from the most recent RESET. In the rare case where the penultimate reset is not found within that range, the HOS records will be evaluated from the earliest searched OLC01 record of the employee or from the prior 12 days, whichever is older. (Note: system uses SYSTEM RESET END in MSC03 to locate the most recent reset.)

Case-1: “Contact Support” message is displayed because CONTACT impacts the latest recorded reset’s undisturbed periods.

DIST: 24 SUB-DIST: EM EMPLOYEE TIME ON DUTY LOG PSTS05Y

EMPLOYEE NAME: ABU AL-OON+ S SAMI EMPLOYEE NUMBER: 000183877

START DATE: 240323 TIME: 0001 INCLUDE VIRTUAL TOURS? N (Y/N)

END DATE : TIME: DISPLAY 28 DAY LOG? (Y/N)

FUNC: (A/C/D) TIME SPENT AS OF DATE TIME REST (G/Y/R)

TYPE: (C=CONTACT/M=COMMUTE/W=MANUAL) TOTAL STATUS

X ON-DUTY TIME DD SD TRAIN/ASGN CC OFF-DUTY TIME TIME AT CALL CHG

-------------------------------------------------------------------------------

24/03/23 22:30 24 EM YARD1 BK 24/03/24 00:06 01:36 GREEN \*

24/03/24 22:00 24 EM ROAD1 BK 24/03/25 00:06 02:06 GREEN \*

24/03/25 22:30 24 EM YARD2 BK 24/03/26 00:06 01:36 GREEN \*

24/03/26 22:00 24 EM ROAD2 BK 24/03/27 00:06 02:06 GREEN \*

24/03/28 22:00 24 EM ROAD3 BK 24/03/29 00:06 02:06 GREEN \*

24/03/31 02:30 24 EM CONTACT BK 24/03/31 02:31 00:01 GREEN \*

24/03/31 05:59 24 EM RESETSYS 24/03/31 05:59 00:00 RED \*

TOTL TM: 0003:44

7DY RESET: <TBD> 28DY TOT: 0000:00 7DY TOT: 0000:00 AS OF 240331 0235

ENTER=INQ F1=HELP F3=EXIT F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

UPD COMPLETED. CONTACT SUPPORT TO VERIFY UD PERIODS AND RESET BREAK. U531-1

Case-2: “Contact Support” message is displayed because CONTACT impacts the latest recorded reset’s undisturbed periods. (Notice the natural reset, b/w the last 2 manual records, that is not yet recorded in the system. It will be recorded on the next call. Meanwhile, RESETSYS is the most recent recorded reset.)

DIST: 24 SUB-DIST: EM EMPLOYEE TIME ON DUTY LOG PSTS05Y

EMPLOYEE NAME: ABU AL-OON+ S SAMI EMPLOYEE NUMBER: 000183877

START DATE: 240323 TIME: 0001 INCLUDE VIRTUAL TOURS? N (Y/N)

END DATE : TIME: DISPLAY 28 DAY LOG? (Y/N)

FUNC: (A/C/D) TIME SPENT AS OF DATE TIME REST (G/Y/R)

TYPE: (C=CONTACT/M=COMMUTE/W=MANUAL) TOTAL STATUS

X ON-DUTY TIME DD SD TRAIN/ASGN CC OFF-DUTY TIME TIME AT CALL CHG

-------------------------------------------------------------------------------

24/03/23 22:30 24 EM YARD1 BK 24/03/24 00:06 01:36 GREEN \*

24/03/24 22:00 24 EM ROAD1 BK 24/03/25 00:06 02:06 GREEN \*

24/03/25 22:30 24 EM YARD2 BK 24/03/26 00:06 01:36 GREEN \*

24/03/26 22:00 24 EM ROAD2 BK 24/03/27 00:06 02:06 GREEN \*

24/03/28 22:00 24 EM ROAD3 BK 24/03/29 00:06 02:06 GREEN \*

24/03/31 02:30 24 EM CONTACT BK 24/03/31 02:31 00:01 GREEN \*

24/03/31 05:59 24 EM RESETSYS 24/03/31 05:59 00:00 RED \*

24/03/31 07:30 24 EM MANUAL 24/03/31 08:30 01:00 GREEN \*

24/04/02 07:30 24 EM MANUAL 24/04/02 08:30 01:00 GREEN \*

TOTL TM: 0003:44

7DY RESET: 240409 0729 28DY TOT: 0000:00 7DY TOT: 0000:00 AS OF 240402 0935

ENTER=INQ F1=HELP F3=EXIT F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

UPD COMPLETED. CONTACT SUPPORT TO VERIFY UD PERIODS AND RESET BREAK. U531-1

Case-3: “Contact Support” message is displayed because CONTACT impacts the latest recorded reset’s undisturbed periods.

DIST: 24 SUB-DIST: EM EMPLOYEE TIME ON DUTY LOG PSTS05Y

EMPLOYEE NAME: ABU AL-OON+ S SAMI EMPLOYEE NUMBER: 000183877

START DATE: 240323 TIME: 0001 INCLUDE VIRTUAL TOURS? N (Y/N)

END DATE : TIME: DISPLAY 28 DAY LOG? (Y/N)

FUNC: (A/C/D) TIME SPENT AS OF DATE TIME REST (G/Y/R)

TYPE: (C=CONTACT/M=COMMUTE/W=MANUAL) TOTAL STATUS

X ON-DUTY TIME DD SD TRAIN/ASGN CC OFF-DUTY TIME TIME AT CALL CHG

-------------------------------------------------------------------------------

24/03/23 22:30 24 EM YARD1 BK 24/03/24 00:06 01:36 GREEN \*

24/03/24 22:00 24 EM ROAD1 BK 24/03/25 00:06 02:06 GREEN \*

24/03/25 22:30 24 EM YARD2 BK 24/03/26 00:06 01:36 GREEN \*

24/03/26 22:00 24 EM ROAD2 BK 24/03/27 00:06 02:06 GREEN \*

24/03/28 22:00 24 EM ROAD3 BK 24/03/29 00:06 02:06 GREEN \*

24/03/31 02:30 24 EM CONTACT BK 24/03/31 02:31 00:01 GREEN \*

24/03/31 05:59 24 EM RESETSYS 24/03/31 05:59 00:00 RED \*

24/03/31 08:00 24 EM ROAD4 BK 24/03/31 09:00 01:00 GREEN \*

TOTL TM: 0003:44

7DY RESET: 240407 0759 28DY TOT: 0000:00 7DY TOT: 0000:00 AS OF 240331 0935

ENTER=INQ F1=HELP F3=EXIT F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

UPD COMPLETED. CONTACT SUPPORT TO VERIFY UD PERIODS AND RESET BREAK. U531-1

Case-4: Employee is in working(B) status.

DIST: 24 SUB-DIST: EM EMPLOYEE TIME ON DUTY LOG PSTS05Y

EMPLOYEE NAME: ABU AL-OON+ S SAMI EMPLOYEE NUMBER: 000183877

START DATE: 240323 TIME: 0001 INCLUDE VIRTUAL TOURS? N (Y/N)

END DATE : TIME: DISPLAY 28 DAY LOG? (Y/N)

FUNC: (A/C/D) TIME SPENT AS OF DATE TIME REST (G/Y/R)

TYPE: (C=CONTACT/M=COMMUTE/W=MANUAL) TOTAL STATUS

X ON-DUTY TIME DD SD TRAIN/ASGN CC OFF-DUTY TIME TIME AT CALL CHG

-------------------------------------------------------------------------------

C 24/03/23 02:30 24 EM CONTACT BK 24/03/23 02:31 00:01 GREEN \*

24/03/23 05:59 24 EM RESETSYS 24/03/23 05:59 00:00 RED \*

24/03/23 22:30 24 EM YARD1 BK 24/03/24 00:06 01:36 GREEN \*

24/03/24 22:00 24 EM ROAD1 BK 24/03/25 00:06 02:06 GREEN \*

24/03/25 22:30 24 EM YARD2 BK 24/03/26 00:06 01:36 GREEN \*

24/03/26 22:00 24 EM ROAD2 BK 24/03/27 00:06 02:06 GREEN \*

24/03/29 05:59 24 EM RESETNAT 24/03/29 05:59 00:00 RED \*

TOTL TM: 0003:44

7DY RESET: 240405 0759 28DY TOT: 0000:00 7DY TOT: 0000:00 AS OF 240329 0628

ENTER=INQ F1=HELP F3=EXIT F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

PLEASE UPDATE CONTACT WHEN THE EMPLOYEE IS NOT WORKING. PXXX-1

Case-5: Employee is in working(B) status.

DIST: 24 SUB-DIST: EM EMPLOYEE TIME ON DUTY LOG PSTS05Y

EMPLOYEE NAME: ABU AL-OON+ S SAMI EMPLOYEE NUMBER: 000183877

START DATE: 240323 TIME: 0001 INCLUDE VIRTUAL TOURS? N (Y/N)

END DATE : TIME: DISPLAY 28 DAY LOG? (Y/N)

FUNC: (A/C/D) TIME SPENT AS OF DATE TIME REST (G/Y/R)

TYPE: (C=CONTACT/M=COMMUTE/W=MANUAL) TOTAL STATUS

X ON-DUTY TIME DD SD TRAIN/ASGN CC OFF-DUTY TIME TIME AT CALL CHG

-------------------------------------------------------------------------------

24/03/23 05:59 24 EM RESETNAT 24/03/23 05:59 00:00 RED \*

24/03/23 22:30 24 EM YARD1 BK 24/03/24 00:06 01:36 GREEN \*

24/03/24 22:00 24 EM ROAD1 BK 24/03/25 00:06 02:06 GREEN \*

24/03/25 22:30 24 EM YARD2 BK 24/03/26 00:06 01:36 GREEN \*

24/03/26 22:00 24 EM ROAD2 BK 24/03/27 00:06 02:06 GREEN \*

C 24/03/29 02:30 24 EM CONTACT BK 24/03/29 02:31 00:01 GREEN \*

24/03/29 05:59 24 EM RESETNAT 24/03/29 05:59 00:00 RED \*

24/03/29 06:30 24 EM MANUAL 24/03/29 06:36 00:06 GREEN \*

TOTL TM: 0003:44

7DY RESET: 240405 0629 28DY TOT: 0000:00 7DY TOT: 0000:00 AS OF 240329 0835

ENTER=INQ F1=HELP F3=EXIT F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

PLEASE UPDATE CONTACT WHEN THE EMPLOYEE IS NOT WORKING. PXXX-1

Case-6: “Contact Support” message is displayed because CONTACT impacts the latest recorded reset’s undisturbed periods.

DIST: 24 SUB-DIST: EM EMPLOYEE TIME ON DUTY LOG PSTS05Y

EMPLOYEE NAME: ABU AL-OON+ S SAMI EMPLOYEE NUMBER: 000183877

START DATE: 240323 TIME: 0001 INCLUDE VIRTUAL TOURS? N (Y/N)

END DATE : TIME: DISPLAY 28 DAY LOG? (Y/N)

FUNC: (A/C/D) TIME SPENT AS OF DATE TIME REST (G/Y/R)

TYPE: (C=CONTACT/M=COMMUTE/W=MANUAL) TOTAL STATUS

X ON-DUTY TIME DD SD TRAIN/ASGN CC OFF-DUTY TIME TIME AT CALL CHG

-------------------------------------------------------------------------------

24/03/23 05:59 24 EM RESETNAT 24/03/23 05:59 00:00 RED \*

24/03/23 22:30 24 EM YARD1 BK 24/03/24 00:06 01:36 GREEN \*

24/03/24 22:00 24 EM ROAD1 BK 24/03/25 00:06 02:06 GREEN \*

24/03/25 22:30 24 EM YARD2 BK 24/03/26 00:06 01:36 GREEN \*

24/03/26 22:00 24 EM ROAD2 BK 24/03/27 00:06 02:06 GREEN \*

24/03/29 02:30 24 EM CONTACT BK 24/03/29 02:31 00:01 GREEN \*

24/03/29 05:59 24 EM RESETNAT 24/03/29 05:59 00:00 RED \*

24/03/29 06:30 24 EM MANUAL 24/03/29 06:36 00:06 GREEN \*

24/03/29 18:00 24 EM ROAD2 BK 24/03/29 20:06 02:06 GREEN \*

TOTL TM: 0003:44

7DY RESET: 240405 0629 28DY TOT: 0000:00 7DY TOT: 0000:00 AS OF 240329 2135

ENTER=INQ F1=HELP F3=EXIT F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

UPD COMPLETED. CONTACT SUPPORT TO VERIFY UD PERIODS AND RESET BREAK. U531-1

Case-7: “Contact Support” message is not displayed because the CONTACT that’s being modified occurs after the latest recorded reset and therefore cannot impact it.

DIST: 24 SUB-DIST: EM EMPLOYEE TIME ON DUTY LOG PSTS05Y

EMPLOYEE NAME: ABU AL-OON+ S SAMI EMPLOYEE NUMBER: 000183877

START DATE: 240323 TIME: 0001 INCLUDE VIRTUAL TOURS? N (Y/N)

END DATE : TIME: DISPLAY 28 DAY LOG? (Y/N)

FUNC: D (A/C/D) TIME SPENT AS OF DATE TIME REST (G/Y/R)

TYPE: (C=CONTACT/M=COMMUTE/W=MANUAL) TOTAL STATUS

X ON-DUTY TIME DD SD TRAIN/ASGN CC OFF-DUTY TIME TIME AT CALL CHG

-------------------------------------------------------------------------------

24/03/23 05:59 24 EM RESETNAT 24/03/23 05:59 00:00 RED \*

24/03/23 22:30 24 EM YARD1 BK 24/03/24 00:06 01:36 GREEN \*

24/03/24 22:00 24 EM ROAD1 BK 24/03/25 00:06 02:06 GREEN \*

X 24/03/26 02:30 24 EM CONTACT BK 24/03/26 02:31 00:01 GREEN \*

24/03/27 08:00 24 EM ROAD2 BK 24/03/27 10:06 02:06 GREEN \*

24/03/29 06:30 24 EM MANUAL 24/03/29 06:36 00:06 GREEN \*

24/03/29 18:00 24 EM ROAD3 BK 24/03/29 20:06 02:06 GREEN \*

TOTL TM: 0003:44

7DY RESET: 240330 2229 28DY TOT: 0000:00 7DY TOT: 0000:00 AS OF 240329 2135

ENTER=INQ F1=HELP F3=EXIT F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

After Delete

DIST: 24 SUB-DIST: EM EMPLOYEE TIME ON DUTY LOG PSTS05Y

EMPLOYEE NAME: ABU AL-OON+ S SAMI EMPLOYEE NUMBER: 000183877

START DATE: 240323 TIME: 0001 INCLUDE VIRTUAL TOURS? N (Y/N)

END DATE : TIME: DISPLAY 28 DAY LOG? (Y/N)

FUNC: (A/C/D) TIME SPENT AS OF DATE TIME REST (G/Y/R)

TYPE: (C=CONTACT/M=COMMUTE/W=MANUAL) TOTAL STATUS

X ON-DUTY TIME DD SD TRAIN/ASGN CC OFF-DUTY TIME TIME AT CALL CHG

-------------------------------------------------------------------------------

24/03/23 05:59 24 EM RESETNAT 24/03/23 05:59 00:00 RED \*

24/03/23 22:30 24 EM YARD1 BK 24/03/24 00:06 01:36 GREEN \*

24/03/24 22:00 24 EM ROAD1 BK 24/03/25 00:06 02:06 GREEN \*

24/03/27 08:00 24 EM ROAD2 BK 24/03/27 10:06 02:06 GREEN \*

24/03/29 06:30 24 EM MANUAL 24/03/29 06:36 00:06 GREEN \*

24/03/29 18:00 24 EM ROAD3 BK 24/03/29 20:06 02:06 GREEN \*

TOTL TM: 0003:44

7DY RESET: 240330 2229 28DY TOT: 0000:00 7DY TOT: 0000:00 AS OF 240329 2135

ENTER=INQ F1=HELP F3=EXIT F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

UPDATE WAS SUCCESSFUL

The Resets will be updated at the next call or MA0V run.

Case-8: “Contact Support” message is displayed because the delete of the CONTACT impacts the latest recorded reset.

DIST: 24 SUB-DIST: EM EMPLOYEE TIME ON DUTY LOG PSTS05Y

EMPLOYEE NAME: ABU AL-OON+ S SAMI EMPLOYEE NUMBER: 000183877

START DATE: 240323 TIME: 0001 INCLUDE VIRTUAL TOURS? N (Y/N)

END DATE : TIME: DISPLAY 28 DAY LOG? (Y/N)

FUNC: D (A/C/D) TIME SPENT AS OF DATE TIME REST (G/Y/R)

TYPE: (C=CONTACT/M=COMMUTE/W=MANUAL) TOTAL STATUS

X ON-DUTY TIME DD SD TRAIN/ASGN CC OFF-DUTY TIME TIME AT CALL CHG

-------------------------------------------------------------------------------

24/03/20 02:30 24 EM COMMUTE 24/03/20 05:31 03:01 GREEN \*

X 24/03/22 02:30 24 EM CONTACT BK 24/03/22 02:31 00:01 GREEN \*

24/03/23 05:59 24 EM RESETNAT 24/03/23 05:59 00:00 RED \*

24/03/23 22:30 24 EM YARD1 BK 24/03/24 00:06 01:36 GREEN \*

24/03/24 22:00 24 EM ROAD1 BK 24/03/25 00:06 02:06 GREEN \*

24/03/27 05:00 24 EM ROAD2 BK 24/03/27 10:06 02:06 GREEN \*

24/03/29 05:30 24 EM MANUAL 24/03/29 06:36 00:06 GREEN \*

24/03/29 18:00 24 EM ROAD3 BK 24/03/29 20:06 02:06 GREEN \*

TOTL TM: 0003:44

7DY RESET: 240330 2229 28DY TOT: 0000:00 7DY TOT: 0000:00 AS OF 240329 2135

ENTER=INQ F1=HELP F3=EXIT F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

After Delete

DIST: 24 SUB-DIST: EM EMPLOYEE TIME ON DUTY LOG PSTS05Y

EMPLOYEE NAME: ABU AL-OON+ S SAMI EMPLOYEE NUMBER: 000183877

START DATE: 240323 TIME: 0001 INCLUDE VIRTUAL TOURS? N (Y/N)

END DATE : TIME: DISPLAY 28 DAY LOG? (Y/N)

FUNC: (A/C/D) TIME SPENT AS OF DATE TIME REST (G/Y/R)

TYPE: (C=CONTACT/M=COMMUTE/W=MANUAL) TOTAL STATUS

X ON-DUTY TIME DD SD TRAIN/ASGN CC OFF-DUTY TIME TIME AT CALL CHG

-------------------------------------------------------------------------------

24/03/20 02:30 24 EM COMMUTE 24/03/20 05:31 03:01 GREEN \*

24/03/23 05:59 24 EM RESETNAT 24/03/23 05:59 00:00 RED \*

24/03/23 22:30 24 EM YARD1 BK 24/03/24 00:06 01:36 GREEN \*

24/03/24 22:00 24 EM ROAD1 BK 24/03/25 00:06 02:06 GREEN \*

24/03/27 05:00 24 EM ROAD2 BK 24/03/27 10:06 02:06 GREEN \*

24/03/29 05:30 24 EM MANUAL 24/03/29 06:36 00:06 GREEN \*

24/03/29 18:00 24 EM ROAD3 BK 24/03/29 20:06 02:06 GREEN \*

TOTL TM: 0003:44

7DY RESET: 240330 2229 28DY TOT: 0000:00 7DY TOT: 0000:00 AS OF 240329 2135

ENTER=INQ F1=HELP F3=EXIT F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

UPD COMPLETED. CONTACT SUPPORT TO VERIFY UD PERIODS AND RESET BREAK. U531-1

In this example, having the RESETNAT adjusted to 24/03/22 05:59 would make no difference to the 7DY RESET, but if a late incidental is added between 24/03/22 05:59 and 24/03/23 22:30, an adjustment(PF6) can then alter the 7DY RESET based on the late incidental’s start time.

Note: there will be no changes in the messaging for the Add/Change/Delete of any other HOS records—aside from CONTACT records.

### Part-II

The current CATS application stores the undisturbed periods and the reset end time, that correspond to the most recently recorded RESETSYS/S32/SHW/MNL/M32 reset, in the SYSTEM UNDISTURBED REST1 fields, SYSTEM UNDISTURBED REST2 fields, and SYTEM RESET END on the MSC03 file (layout shown below).

The system will be changed so that, with the exception of RESETNAT resets while they can be reversed in the system, the values for SYSTEM UNDISTURBED REST1 fields, SYSTEM UNDISTURBED REST2 fields, and SYSTEM RESET END on the MSC03 file will correspond to the most recently recorded reset. Put otherwise, the undisturbed periods and the reset end time that match the most recently recorded reset—which can be a RESETNAT/RESETN32 that cannot be reversed by the system, a RESETSYS, a RESETS32, a RESETSHW, a RESETMNL, or a RESETM32—will be stored in the MSC03 SYSTEM fields. These MSC03 SYSTEM fields will then be used to implement the functionality documented in Parts I, III and VI.

(MSC03 SYSTEM fields are updated in the system during Call, Tie-up, MA0V and Change of Status processes.)

A computer screen shot of a black background

Description automatically generated

### Part-III

In the current CATS application, the new 7DAY END is computed by processing HOS records from SYSTEM RESET END when SYSTEM RESET END matches PROJECTED RESET END in MSC03 file (layout shown in Part II). When SYSTEM RESET END does not have a valid time value, or when SYSTEM RESET END does not match PROJECTED RESET END, then the new 7DAY END is computed by processing HOS records from 7DAY START that is derived from 7DAY END field in MSC03 file. This 7DAY END computation process will be changed to always process the HOS records from SYSTEM RESET END (after Part II changes, SYSTEM RESET END will be the most recently recorded reset). If the SYSTEM RESET END does not have a valid time value, it implies a reset has never been recorded for the employee in which case the prior 12 days’ HOS records will be evaluated to determine the 7DAY END.

In the current CATS application, the time values are not stored on files in a common system time zone. After a natural reset, when an employee from the Central time zone works on a job in the Mountain time zone, the 7DAY END is stored in the employee time zone (Central) in MSC03 file and HOS times are stored in the job’s time zone (Mountain) in OLC01 file. This mismatch causes the system to not read the first HOS record in the current 7DAY window which significantly offsets the calculation of the new 7DAY END. To avoid miscalculations in such situations, users at CN patch the 7DAY END in MSC03 file such that the corresponding 7DAY START matches the start time of the first HOS record in the current 7DAY window. This manual work-around ensures the system does not skip processing the first HOS record which largely fixes the 7DAY END calculation (note: the one hour offset caused due to different time-zones will still remain). The change specified in this part-III will produce the same results independent of the manual work-around; the system will read and process all HOS records that occur after SYSTEM RESET END, i.e., the most recently recorded reset.

### Part-IV

On 05Y screen, if multiple HOS records including at least one CONTACT record are selected with the 'Change'/’Delete’ function, then the following message – ‘PLEASE MODIFY "CONTACT" RECORDS ONE AT A TIME.’ should be displayed to the user.

(also see Requirement 2 Part-I a)

### Part-V

The order time (10 bytes YYMMDDHHMN) and lead time (4 bytes HHMN) are required in the determination of a natural reset before train-related HOS records. These values must be saved in the train-related HOS records (OLC01 file, WSEMPTOD layout) so they can be accessed during the HOS reevaluation procedures specified in parts I and VI.

### Part-VI

1. A new PF6=ADJ RESET function will be added on CANADIAN HOS LOG (05Y). This function will only be authorized for users who have a TO “TIMEOFF-SECURITY” type record with their CATS user-id on the CNVCNC01 file. When a user without authority attempts to use PF6 function, 'USER NOT AUTHORIZED TO ADJUST RESET' will be displayed.
2. When an authorized user attempts to use PF6=ADJ RESET function while MA0V transaction is running in the region, ‘PF6 IS CURRENTLY UNAVAILABLE. PLEASE TRY AFTER ONE MINUTE.’ will be displayed.
3. When an authorized user attempts to use PF6=ADJ RESET function on an employee in Working(B) status, ‘PLEASE ADJUST RESET WHEN THE EMPLOYEE IS NOT WORKING.’ will be displayed.
4. PF6=ADJ RESET function will reevaluate the reset for the employee being processed on the CANADIAN HOS LOG and make updates as needed. This process is to facilitate the reevaluation of a reset if a CONTACT, an incidental, or any HOS, is added to the HOS log after the reset has been recorded in the system. It will evaluate the HOS records from the penultimate reset record. To locate the penultimate RESET HOS record, the system will search up to 15 previous OLC01 records of the employee from the most recent RESET. In the rare case where the penultimate reset is not found within that range, the HOS records will be evaluated from the earliest searched OLC01 record of the employee or from the prior 12 days, whichever is older. HOS records older than this will not be reevaluated. Also, HOS records with a start time more than the current time will not be evaluated (except RESET records). If the reset needs to be adjusted, the system will update the reset HOS record, save the adjusted system undisturbed and reset periods in MSC03, and record history of the adjustments made.

(Note: system uses SYSTEM RESET END in MSC03 to locate the most recent reset. If SYSTEM RESET END is blank, the system considers a reset has never been recorded for the employee, and therefore F6=ADJ RESET function cannot be used.)

1. An adjusted RES**ET**\*\*\* will be displayed in the HOS log as RES**AD**\*\*\*, where \*\*\* is

SYS for a system reset ending at 05:59.

S32 for a system reset ending after 05:59.

SHW for a show-job owner reset (note: RESETSHW is written only in the MA0V process)

NAT for a natural reset ending at 05:59

N32 for a natural reset ending after 05:59

MNL for a manual reset ending at 05:59

M32 for a manual reset ending after 05:59

For example: if a RESETNAT is adjusted from 05:59 to 06:00, it will be displayed as RESADN32.

MA0V updates RESETSHW to RESETSYS if the employee is no longer a show-job owner, similarly it will update RESADSHW to RESADSYS.

(a 1-byte flag will be added to the OLC01 file that will indicate whether a reset HOS record has been adjusted.)

1. If the adjusted UD2 end time is more than the current time, and the employee is in A or C status, then the employee should be booked off to E95, unless the adjusted reset is a RESETSHW. Employees in RESETSHW should not be booked off to E95. Conversely, an employee in E95 should be booked on to available status if the adjusted UD2 end time is less than or equal to the current time. If the employee is in E95 and the adjusted UD2 end time is more than the current time, the effective time of the Book-On task should also be adjusted to match the new UD2 end time. The current CATS process does not allow an employee to book on to available status until UD2 end time, this process should continue to work as is.

Case-1: RESETNAT is the latest reset.

DIST: 36 SUB-DIST: MV      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: WANDY\*+(FAM)  D  DWAYNE          EMPLOYEE NUMBER: 000147264

  START DATE: 240905 TIME: 1145    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/06 07:14  36 MV  RESETN32         24/09/06 07:14  00:00  GREEN

  24/09/06 11:05  36 MV   Z11451  04  ET  24/09/06 18:55  07:50  GREEN

  24/09/07 04:55  36 MV  MC: 33           24/09/07 13:55  09:00            >

  24/09/08 05:59  36 MV  RESETNAT         24/09/08 05:59  00:00  GREEN

  24/09/08 19:45  36 MV   Q19991  06  ET  24/09/09 07:30  11:45  GREEN

  24/09/09 17:35  36 MV   Q18051  06  ET  24/09/10 03:15  09:40  GREEN

  24/09/12 00:45  36 MV   M34791  09  ET  24/09/12 09:00  08:15  GREEN

                                             TOTL TM: 0046:30

7DY RESET: 240915 1944     28DY TOT: 0108:05 7DY TOT: 0046:30 AS OF 240912 1145

ENTER=INQ F1=HELP F3=EXIT F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

END OF FILE                                                           E011-1

After F6, RESETNAT is deleted and RESETN32 is now the latest reset.

DIST: 36 SUB-DIST: MV      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: WANDY\*+(FAM)  D  DWAYNE          EMPLOYEE NUMBER: 000147264

  START DATE: 240905 TIME: 1145    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/06 07:14  36 MV  RESETN32         24/09/06 07:14  00:00  GREEN

  24/09/06 11:05  36 MV   Z11451  04  ET  24/09/06 18:55  07:50  GREEN

  24/09/07 04:55  36 MV  MC: 33           24/09/07 13:55  09:00            >

  24/09/08 19:45  36 MV   Q19991  06  ET  24/09/09 07:30  11:45  GREEN

  24/09/09 17:35  36 MV   Q18051  06  ET  24/09/10 03:15  09:40  GREEN

  24/09/12 00:45  36 MV   M34791  09  ET  24/09/12 09:00  08:15  GREEN

                                             TOTL TM: 0046:30

7DY RESET: 240913 1104     28DY TOT: 0108:05 7DY TOT: 0046:30 AS OF 240912 1145

ENTER=INQ F1=HELP F3=EXIT F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

ADJUSTMENT COMPLETED.

Case-2

DIST: 54 SUB-DIST: CN      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: HAMILTON\*     C  COREY           EMPLOYEE NUMBER: 000187160

  START DATE: 240905 TIME: 1346    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/05 18:00  54 CN   L56611  05  EN  24/09/06 02:00  08:00  GREEN

  24/09/08 05:59  54 CN  RESETNAT         24/09/08 05:59  00:00  GREEN

  24/09/08 18:00  54 CN   L56611  08  EN  24/09/09 02:00  08:00  GREEN

  24/09/11 05:59  54 CN  RESETNAT         24/09/11 05:59  00:00  GREEN

  24/09/11 06:30  54 CN  MC: TV           24/09/11 09:00  02:30            >

  24/09/11 09:00  54 CN   L56911  11  EN  24/09/11 17:10  08:10  GREEN

  24/09/11 17:10  54 CN  MC: TV           24/09/11 19:40  02:30            >

                                             TOTL TM: 0029:10

7DY RESET: 240918 0629     28DY TOT: 0091:05 7DY TOT: 0029:10 AS OF 240912 1346

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN  F12=NEXT EMP

END OF FILE                                                           E011-1

After F6

DIST: 54 SUB-DIST: CN      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: HAMILTON\*     C  COREY           EMPLOYEE NUMBER: 000187160

  START DATE: 240905 TIME: 1346    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/05 18:00  54 CN   L56611  05  EN  24/09/06 02:00  08:00  GREEN

  24/09/08 05:59  54 CN  RESETNAT         24/09/08 05:59  00:00  GREEN

  24/09/08 18:00  54 CN   L56611  08  EN  24/09/09 02:00  08:00  GREEN

  24/09/11 05:59  54 CN  RESETNAT         24/09/11 05:59  00:00  GREEN

  24/09/11 06:30  54 CN  MC: TV           24/09/11 09:00  02:30            >

  24/09/11 09:00  54 CN   L56911  11  EN  24/09/11 17:10  08:10  GREEN

  24/09/11 17:10  54 CN  MC: TV           24/09/11 19:40  02:30            >

                                             TOTL TM: 0029:10

7DY RESET: 240918 0629     28DY TOT: 0091:05 7DY TOT: 0029:10 AS OF 240912 1346

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN  F12=NEXT EMP

NO ADJUSTMENTS HAVE BEEN FOUND.

Case-3

DIST: 36 SUB-DIST: MV      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: BANKS+        P  PRINCE          EMPLOYEE NUMBER: 000198474

  START DATE: 240905 TIME: 1147    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/07 04:45  36 MV   B75941  06  CO  24/09/07 14:30  09:45  GREEN

  24/09/08 02:15  36 MV   M34851  06  CO  24/09/08 13:00  10:45  GREEN

  24/09/09 19:45  36 MV   Z11251  07  CO  24/09/10 02:10  06:25  GREEN

  24/09/10 10:00  36 MV  MC: 16           24/09/10 13:15  03:15            >

  24/09/10 14:45  36 MV   M31341  10  CO  24/09/10 21:30  06:45  GREEN

  24/09/11 10:00  36 MV  MC: 16           24/09/11 11:31  01:31            >

  24/09/12 05:59  36 MV  RESETSYS         24/09/12 05:59  00:00  GREEN

                                             TOTL TM: 0038:26

7DY RESET: <TBD>           28DY TOT: 0128:01 7DY TOT: 0038:26 AS OF 240912 1147

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

END OF FILE                                                           E011-1

After F6

DIST: 36 SUB-DIST: MV      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: BANKS+        P  PRINCE          EMPLOYEE NUMBER: 000198474

  START DATE: 240905 TIME: 1147    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/07 04:45  36 MV   B75941  06  CO  24/09/07 14:30  09:45  GREEN

  24/09/08 02:15  36 MV   M34851  06  CO  24/09/08 13:00  10:45  GREEN

  24/09/09 19:45  36 MV   Z11251  07  CO  24/09/10 02:10  06:25  GREEN

  24/09/10 10:00  36 MV  MC: 16           24/09/10 13:15  03:15            >

  24/09/10 14:45  36 MV   M31341  10  CO  24/09/10 21:30  06:45  GREEN

  24/09/11 10:00  36 MV  MC: 16           24/09/11 11:31  01:31            >

  24/09/13 05:59  36 MV  RESADSYS         24/09/13 05:59  00:00  GREEN

                                             TOTL TM: 0038:26

7DY RESET: <TBD>           28DY TOT: 0128:01 7DY TOT: 0038:26 AS OF 240912 1147

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

ADJUSTMENT COMPLETED.

Employee will be booked off to E95 until 9/13 05:59

Case-4

DIST: 36 SUB-DIST: MV      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: BANKS+        P  PRINCE          EMPLOYEE NUMBER: 000198474

  START DATE: 240905 TIME: 1147    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/07 04:45  36 MV   B75941  06  CO  24/09/07 14:30  09:45  GREEN

  24/09/08 02:15  36 MV   M34851  06  CO  24/09/08 13:00  10:45  GREEN

  24/09/09 19:45  36 MV   Z11251  07  CO  24/09/10 02:10  06:25  GREEN

  24/09/10 10:00  36 MV  MC: 16           24/09/10 13:15  03:15            >

  24/09/10 14:45  36 MV   M31341  10  CO  24/09/10 21:30  06:45  GREEN

  24/09/11 10:00  36 MV  MC: 16           24/09/11 11:31  01:31            >

  24/09/13 02:59  36 MV  CONTACT          24/09/13 02:59  00:00  GREEN

  24/09/13 05:59  36 MV  RESADSYS         24/09/13 05:59  00:00  GREEN

                                             TOTL TM: 0038:26

7DY RESET: <TBD>           28DY TOT: 0128:01 7DY TOT: 0038:26 AS OF 240912 1147

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

END OF FILE                                                           E011-1

After F6

DIST: 36 SUB-DIST: MV      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: BANKS+        P  PRINCE          EMPLOYEE NUMBER: 000198474

  START DATE: 240905 TIME: 1147    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/07 04:45  36 MV   B75941  06  CO  24/09/07 14:30  09:45  GREEN

  24/09/08 02:15  36 MV   M34851  06  CO  24/09/08 13:00  10:45  GREEN

  24/09/09 19:45  36 MV   Z11251  07  CO  24/09/10 02:10  06:25  GREEN

  24/09/10 10:00  36 MV  MC: 16           24/09/10 13:15  03:15            >

  24/09/10 14:45  36 MV   M31341  10  CO  24/09/10 21:30  06:45  GREEN

  24/09/11 10:00  36 MV  MC: 16           24/09/11 11:31  01:31            >

  24/09/13 02:59  36 MV  CONTACT          24/09/13 02:59  00:00  GREEN

  24/09/14 05:59  36 MV  RESADSYS         24/09/14 05:59  00:00  GREEN

                                             TOTL TM: 0038:26

7DY RESET: <TBD>           28DY TOT: 0128:01 7DY TOT: 0038:26 AS OF 240912 1147

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

ADJUSTMENT COMPLETED.

Employee is in E95, their book on task will be updated to 9/14 05:59 (UD2 end).

Continuing the above case. User modifies the times on MC: 16 and CONTACT.

DIST: 36 SUB-DIST: MV      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: BANKS+        P  PRINCE          EMPLOYEE NUMBER: 000198474

  START DATE: 240905 TIME: 1147    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/07 04:45  36 MV   B75941  06  CO  24/09/07 14:30  09:45  GREEN

  24/09/08 02:15  36 MV   M34851  06  CO  24/09/08 13:00  10:45  GREEN

  24/09/09 19:45  36 MV   Z11251  07  CO  24/09/10 02:10  06:25  GREEN

  24/09/10 10:00  36 MV  MC: 16           24/09/10 13:15  03:15            >

  24/09/10 14:45  36 MV   M31341  10  CO  24/09/10 21:30  06:45  GREEN

  24/09/11 10:00  36 MV  MC: 16           24/09/11 23:00  13:00            >

  24/09/12 22:30  36 MV  CONTACT          24/09/12 22:31  00:01  GREEN

  24/09/14 05:59  36 MV  RESADSYS         24/09/14 05:59  00:00  GREEN

                                             TOTL TM: 0038:26

7DY RESET: <TBD>           28DY TOT: 0128:01 7DY TOT: 0038:26 AS OF 240912 1147

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

After F6

DIST: 36 SUB-DIST: MV      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: BANKS+        P  PRINCE          EMPLOYEE NUMBER: 000198474

  START DATE: 240905 TIME: 1147    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/07 04:45  36 MV   B75941  06  CO  24/09/07 14:30  09:45  GREEN

  24/09/08 02:15  36 MV   M34851  06  CO  24/09/08 13:00  10:45  GREEN

  24/09/09 19:45  36 MV   Z11251  07  CO  24/09/10 02:10  06:25  GREEN

  24/09/10 10:00  36 MV  MC: 16           24/09/10 13:15  03:15            >

  24/09/10 14:45  36 MV   M31341  10  CO  24/09/10 21:30  06:45  GREEN

  24/09/11 10:00  36 MV  MC: 16           24/09/11 23:00  13:00            >

  24/09/12 22:30  36 MV  CONTACT          24/09/12 22:31  00:01  GREEN

  24/09/13 06:59  36 MV  RESADSYS         24/09/13 06:59  00:00  GREEN

                                             TOTL TM: 0038:26

7DY RESET: <TBD>           28DY TOT: 0128:01 7DY TOT: 0038:26 AS OF 240912 1147

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

ADJUSTMENT COMPLETED.

Employee is in E95, their book on task will be updated to **9/13 06:30 (UD2 End)**.

Continuing the above case. User deletes CONTACT.

DIST: 36 SUB-DIST: MV      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: BANKS+        P  PRINCE          EMPLOYEE NUMBER: 000198474

  START DATE: 240905 TIME: 1147    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/07 04:45  36 MV   B75941  06  CO  24/09/07 14:30  09:45  GREEN

  24/09/08 02:15  36 MV   M34851  06  CO  24/09/08 13:00  10:45  GREEN

  24/09/09 19:45  36 MV   Z11251  07  CO  24/09/10 02:10  06:25  GREEN

  24/09/10 10:00  36 MV  MC: 16           24/09/10 13:15  03:15            >

  24/09/10 14:45  36 MV   M31341  10  CO  24/09/10 21:30  06:45  GREEN

  24/09/11 10:00  36 MV  MC: 16           24/09/11 23:00  13:00            >

  24/09/13 06:59  36 MV  RESADSYS         24/09/13 06:59  00:00  GREEN

                                             TOTL TM: 0038:26

7DY RESET: <TBD>           28DY TOT: 0128:01 7DY TOT: 0038:26 AS OF 240912 1147

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

After F6

DIST: 36 SUB-DIST: MV      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: BANKS+        P  PRINCE          EMPLOYEE NUMBER: 000198474

  START DATE: 240905 TIME: 1147    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/07 04:45  36 MV   B75941  06  CO  24/09/07 14:30  09:45  GREEN

  24/09/08 02:15  36 MV   M34851  06  CO  24/09/08 13:00  10:45  GREEN

  24/09/09 19:45  36 MV   Z11251  07  CO  24/09/10 02:10  06:25  GREEN

  24/09/10 10:00  36 MV  MC: 16           24/09/10 13:15  03:15            >

  24/09/10 14:45  36 MV   M31341  10  CO  24/09/10 21:30  06:45  GREEN

  24/09/11 10:00  36 MV  MC: 16           24/09/11 23:00  13:00            >

  24/09/13 06:59  36 MV  RESADSYS         24/09/13 06:59  00:00  GREEN

                                             TOTL TM: 0038:26

7DY RESET: <TBD>           28DY TOT: 0128:01 7DY TOT: 0038:26 AS OF 240912 1147

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

ADJUSTMENT COMPLETED.

Employee is in E95, their book on task will be updated to **9/13 05:59 (UD2 End)**.

Continuing the above case. User deletes MC: 16.

DIST: 36 SUB-DIST: MV      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: BANKS+        P  PRINCE          EMPLOYEE NUMBER: 000198474

  START DATE: 240905 TIME: 1147    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/07 04:45  36 MV   B75941  06  CO  24/09/07 14:30  09:45  GREEN

  24/09/08 02:15  36 MV   M34851  06  CO  24/09/08 13:00  10:45  GREEN

  24/09/09 19:45  36 MV   Z11251  07  CO  24/09/10 02:10  06:25  GREEN

  24/09/10 10:00  36 MV  MC: 16           24/09/10 13:15  03:15            >

  24/09/10 14:45  36 MV   M31341  10  CO  24/09/10 21:30  06:45  GREEN

  24/09/13 06:59  36 MV  RESADSYS         24/09/13 06:59  00:00  GREEN

                                             TOTL TM: 0038:26

7DY RESET: <TBD>           28DY TOT: 0128:01 7DY TOT: 0038:26 AS OF 240912 1147

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

After F6

DIST: 36 SUB-DIST: MV      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: BANKS+        P  PRINCE          EMPLOYEE NUMBER: 000198474

  START DATE: 240905 TIME: 1147    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/07 04:45  36 MV   B75941  06  CO  24/09/07 14:30  09:45  GREEN

  24/09/08 02:15  36 MV   M34851  06  CO  24/09/08 13:00  10:45  GREEN

  24/09/09 19:45  36 MV   Z11251  07  CO  24/09/10 02:10  06:25  GREEN

  24/09/10 10:00  36 MV  MC: 16           24/09/10 13:15  03:15            >

  24/09/10 14:45  36 MV   M31341  10  CO  24/09/10 21:30  06:45  GREEN

  24/09/12 05:59  36 MV  RESADSYS         24/09/12 05:59  00:00  GREEN

                                             TOTL TM: 0038:26

7DY RESET: <TBD>           28DY TOT: 0128:01 7DY TOT: 0038:26 AS OF 240912 1147

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

ADJUSTMENT COMPLETED.

Employee will be marked up from E95 because UD2 end time is less than the current time.

Case-5

DIST: 36 SUB-DIST: MV      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: BANKS+        P  PRINCE          EMPLOYEE NUMBER: 000198474

  START DATE: 240906 TIME: 2247    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/07 04:45  36 MV   B75941  06  CO  24/09/07 14:30  09:45  GREEN

  24/09/08 02:15  36 MV   M34851  06  CO  24/09/08 13:00  10:45  GREEN

  24/09/09 19:45  36 MV   Z11251  07  CO  24/09/10 02:10  06:25  GREEN

  24/09/10 10:00  36 MV  MC: 16           24/09/10 13:15  03:15            >

  24/09/10 14:45  36 MV   M31341  10  CO  24/09/10 21:30  06:45  GREEN

  24/09/11 10:00  36 MV  MC: 16           24/09/11 11:31  01:31            >

  24/09/13 02:59  36 MV  CONTACT          24/09/13 02:59  00:00  GREEN

  24/09/13 05:59  36 MV  RESADSYS         24/09/13 05:59  00:00  GREEN

  24/09/13 14:45  36 MV   M31341  10  CO  24/09/13 21:30  06:45  GREEN

                                             TOTL TM: 0038:26

7DY RESET: 240920 1444     28DY TOT: 0128:01 7DY TOT: 0038:26 AS OF 240913 2247

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

END OF FILE                                                           E011-1

After F6, RESADSYS is deleted.

DIST: 36 SUB-DIST: MV      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: BANKS+        P  PRINCE          EMPLOYEE NUMBER: 000198474

  START DATE: 240906 TIME: 2247    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/07 04:45  36 MV   B75941  06  CO  24/09/07 14:30  09:45  GREEN

  24/09/08 02:15  36 MV   M34851  06  CO  24/09/08 13:00  10:45  GREEN

  24/09/09 19:45  36 MV   Z11251  07  CO  24/09/10 02:10  06:25  GREEN

  24/09/10 10:00  36 MV  MC: 16           24/09/10 13:15  03:15            >

  24/09/10 14:45  36 MV   M31341  10  CO  24/09/10 21:30  06:45  GREEN

  24/09/11 10:00  36 MV  MC: 16           24/09/11 11:31  01:31            >

  24/09/13 02:59  36 MV  CONTACT          24/09/13 02:59  00:00  GREEN

  24/09/13 14:45  36 MV   M31341  10  CO  24/09/13 21:30  06:45  GREEN

                                             TOTL TM: 0038:26

7DY RESET: 240911 2044     28DY TOT: 0128:01 7DY TOT: 0038:26 AS OF 240913 2247

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

ADJUSTMENT COMPLETED. EMPLOYEE IS PAST DUE FOR A RESET.

Note: This employee is found to be in violation after the adjustment and will be put in RESETSYS/S32/RESETSHW during the next MA0V run. Or the user can do a RESETMNL.

Case-6: deleted the highlighted record.

DIST: 36 SUB-DIST: MV      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: BANKS+        P  PRINCE          EMPLOYEE NUMBER: 000198474

  START DATE: 240905 TIME: 1147    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/07 04:45  36 MV   B75941  06  CO  24/09/07 14:30  09:45  GREEN

  24/09/08 02:15  36 MV   M34851  06  CO  24/09/08 13:00  10:45  GREEN

  24/09/09 19:45  36 MV   Z11251  07  CO  24/09/10 02:10  06:25  GREEN

  24/09/10 10:00  36 MV  MC: 16           24/09/10 13:15  03:15            >

  24/09/10 14:45  36 MV   M31341  10  CO  24/09/10 21:30  06:45  GREEN

  24/09/11 10:00  36 MV  MC: 16           24/09/11 11:31  01:31            >

  24/09/13 02:59  36 MV  CONTACT          24/09/13 02:59  00:00  GREEN

  24/09/14 05:59  36 MV  RESADSYS         24/09/14 05:59  00:00  GREEN

                                             TOTL TM: 0038:26

7DY RESET: <TBD>           28DY TOT: 0128:01 7DY TOT: 0038:26 AS OF 240912 1147

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

After delete

DIST: 36 SUB-DIST: MV      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: BANKS+        P  PRINCE          EMPLOYEE NUMBER: 000198474

  START DATE: 240905 TIME: 1147    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/07 04:45  36 MV   B75941  06  CO  24/09/07 14:30  09:45  GREEN

  24/09/08 02:15  36 MV   M34851  06  CO  24/09/08 13:00  10:45  GREEN

  24/09/10 10:00  36 MV  MC: 16           24/09/10 13:15  03:15            >

  24/09/10 14:45  36 MV   M31341  10  CO  24/09/10 21:30  06:45  GREEN

  24/09/11 10:00  36 MV  MC: 16           24/09/11 11:31  01:31            >

  24/09/13 02:59  36 MV  CONTACT          24/09/13 02:59  00:00  GREEN

  24/09/14 05:59  36 MV  RESADSYS         24/09/14 05:59  00:00  GREEN

                                             TOTL TM: 0038:26

7DY RESET: <TBD>           28DY TOT: 0128:01 7DY TOT: 0038:26 AS OF 240912 1147

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

After F6, RESETADSYS is deleted.

DIST: 36 SUB-DIST: MV      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: BANKS+        P  PRINCE          EMPLOYEE NUMBER: 000198474

  START DATE: 240905 TIME: 1147    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/07 04:45  36 MV   B75941  06  CO  24/09/07 14:30  09:45  GREEN

  24/09/08 02:15  36 MV   M34851  06  CO  24/09/08 13:00  10:45  GREEN

  24/09/10 10:00  36 MV  MC: 16           24/09/10 13:15  03:15            >

  24/09/10 14:45  36 MV   M31341  10  CO  24/09/10 21:30  06:45  GREEN

  24/09/11 10:00  36 MV  MC: 16           24/09/11 11:31  01:31            >

  24/09/13 02:59  36 MV  CONTACT          24/09/13 02:59  00:00  GREEN

                                             TOTL TM: 0038:26

7DY RESET: 240917 0959     28DY TOT: 0128:01 7DY TOT: 0038:26 AS OF 240912 1147

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

ADJUSTMENT COMPLETED.

If more than 18 hours are left until the 7DY RESET and current time is less than the reset end time (9/14 05:59 in this case), then delete the system reset and mark up the employee.

Case-7

DIST: 36 SUB-DIST: SN      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: VOLCAN #  JOEMARIE               EMPLOYEE NUMBER: 000206519

  START DATE: 240901 TIME: 1149    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/03 08:15  36 SN   Z11131  02  TT  24/09/03 15:50  07:35  GREEN

  24/09/04 09:00  36 SN  MC: NE           24/09/04 14:00  05:00

  24/09/05 05:59  36 SN  RESETNAT         24/09/05 05:59  00:00  GREEN

  24/09/06 05:35  36 SN   Q10921  04  TT  24/09/07 14:35  09:00  GREEN

  24/09/07 05:35  36 SN   Q10921  04  TT  24/09/07 14:35  09:00  GREEN

  24/09/08 02:30  36 SN   Q10251  05  TT  24/09/08 12:20  09:50  GREEN

  24/09/09 13:55  36 SN   G81543  07  TT  24/09/09 23:00  09:05  GREEN

  24/09/11 06:59  36 SN  RESETN32         24/09/11 06:59  00:00  GREEN

  24/09/11 13:30  36 SN  RS77181  08  TT  24/09/11 21:50  08:20  GREEN

                                             TOTL TM: 0057:25

7DY RESET: 240918 1329     28DY TOT: 0113:30 7DY TOT: 0044:50 AS OF 240912 1149

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

END OF FILE                                                           E011-1

After F6

DIST: 36 SUB-DIST: SN      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: VOLCAN #  JOEMARIE               EMPLOYEE NUMBER: 000206519

  START DATE: 240901 TIME: 1149    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/03 08:15  36 SN   Z11131  02  TT  24/09/03 15:50  07:35  GREEN

  24/09/04 09:00  36 SN  MC: NE           24/09/04 14:00  05:00

  24/09/05 05:59  36 SN  RESETNAT         24/09/05 05:59  00:00  GREEN

  24/09/06 05:35  36 SN   Q10921  04  TT  24/09/07 14:35  09:00  GREEN

  24/09/07 05:35  36 SN   Q10921  04  TT  24/09/07 14:35  09:00  GREEN

  24/09/08 02:30  36 SN   Q10251  05  TT  24/09/08 12:20  09:50  GREEN

  24/09/09 13:55  36 SN   G81543  07  TT  24/09/09 23:00  09:05  GREEN

  24/09/11 06:59  36 SN  RESETN32         24/09/11 06:59  00:00  GREEN

  24/09/11 13:30  36 SN  RS77181  08  TT  24/09/11 21:50  08:20  GREEN

                                             TOTL TM: 0057:25

7DY RESET: 240918 1329     28DY TOT: 0113:30 7DY TOT: 0044:50 AS OF 240912 1149

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

NO ADJUSTMENTS HAVE BEEN FOUND.

The evaluation is done from the penultimate 09/05 05:59 reset and no adjustments are found.

Case-8

DIST: 23 SUB-DIST: JE      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: BOUCHER #     B  BRAYDON         EMPLOYEE NUMBER: 000207688

  START DATE: 240820 TIME: 1054    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/08/23 05:59  23 JE  RESETNAT         24/08/23 05:59  00:00  GREEN

  24/08/29 00:15  23 JE   G80951  27  TT  24/08/29 13:05  12:50  GREEN

  24/08/30 00:00  23 JE   A41651  29  TT  24/08/30 12:40  12:40  GREEN

  24/08/31 04:00  23 JE  MC: NE           24/08/31 05:00  01:00            >

  24/09/01 04:00  23 JE  MC: NE           24/09/01 05:00  01:00            >

  24/09/01 05:59  23 JE  RESETNAT         24/09/01 05:59  00:00  GREEN

  24/09/02 04:00  23 JE  MC: NE           24/09/02 05:00  01:00            >

  24/09/03 09:00  23 JE  MC: NE           24/09/03 13:00  04:00            >

  24/09/04 23:00  23 JE  MC: NE           24/09/05 07:15  08:15            >

  24/09/05 22:45  23 JE  MC: NE           24/09/06 10:00  11:15            >

                                             TOTL TM: 0055:00

7DY RESET: 240909 0359     28DY TOT: 0084:40 7DY TOT: 0014:15 AS OF 240912 1055

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

After F6, RESETNAT of 09/01 is deleted and RESETNAT of 08/23 is now the latest.

DIST: 23 SUB-DIST: JE      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: BOUCHER #     B  BRAYDON         EMPLOYEE NUMBER: 000207688

  START DATE: 240820 TIME: 1054    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/08/23 05:59  23 JE  RESETNAT         24/08/23 05:59  00:00  GREEN

  24/08/29 00:15  23 JE   G80951  27  TT  24/08/29 13:05  12:50  GREEN

  24/08/30 00:00  23 JE   A41651  29  TT  24/08/30 12:40  12:40  GREEN

  24/08/31 04:00  23 JE  MC: NE           24/08/31 05:00  01:00            >

  24/09/01 04:00  23 JE  MC: NE           24/09/01 05:00  01:00            >

  24/09/02 04:00  23 JE  MC: NE           24/09/02 05:00  01:00            >

  24/09/03 09:00  23 JE  MC: NE           24/09/03 13:00  04:00            >

  24/09/04 23:00  23 JE  MC: NE           24/09/05 07:15  08:15            >

  24/09/05 22:45  23 JE  MC: NE           24/09/06 10:00  11:15            >

                                             TOTL TM: 0055:00

7DY RESET: 240905 0014     28DY TOT: 0084:40 7DY TOT: 0014:15 AS OF 240912 1055

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

ADJUSTMENT COMPLETED. EMPLOYEE IS PAST DUE FOR A RESET.

Note: This employee is found to be in violation after the adjustment and will be put in RESETSYS/S32/RESETSHW during the next MA0V run. Or the user can do a RESETMNL.

Case-9

DIST: 37 SUB-DIST: TW      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: CAPAY #  KRISTOFFER              EMPLOYEE NUMBER: 000207777

  START DATE: 240905 TIME: 1157    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/05 15:55  37 TY  YNGS30       TT  24/09/05 23:55  08:00  GREEN

  24/09/06 15:55  37 TW  MC: NE           24/09/06 23:55  08:00            >

  24/09/07 07:54  37 TW  RESETN32         24/09/07 07:54  00:00  GREEN

  24/09/10 03:15  37 TW   A43741  09  TT  24/09/10 16:45  13:30  GREEN

  24/09/11 08:00  37 TW   X43641  10  TT  24/09/11 20:15  12:15  GREEN

                                             TOTL TM: 0041:45

7DY RESET: 240917 0314     28DY TOT: 0121:45 7DY TOT: 0041:45 AS OF 240912 1157

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

END OF FILE                                                           E011-1

After F6

DIST: 37 SUB-DIST: TW      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: CAPAY #  KRISTOFFER              EMPLOYEE NUMBER: 000207777

  START DATE: 240905 TIME: 1157    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/05 15:55  37 TY  YNGS30       TT  24/09/05 23:55  08:00  GREEN

  24/09/06 15:55  37 TW  MC: NE           24/09/06 23:55  08:00            >

  24/09/08 07:54  37 TW  RESADN32         24/09/08 07:54  00:00  GREEN

  24/09/10 03:15  37 TW   A43741  09  TT  24/09/10 16:45  13:30  GREEN

  24/09/11 08:00  37 TW   X43641  10  TT  24/09/11 20:15  12:15  GREEN

                                             TOTL TM: 0041:45

7DY RESET: 240917 0314     28DY TOT: 0121:45 7DY TOT: 0041:45 AS OF 240912 1157

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

ADJUSTMENT COMPLETED.

Adjustment did not impact 7DY RESET.

Continuing the above case. User deletes the highlighted records.

DIST: 37 SUB-DIST: TW      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: CAPAY #  KRISTOFFER              EMPLOYEE NUMBER: 000207777

  START DATE: 240905 TIME: 1157    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/05 15:55  37 TY  YNGS30       TT  24/09/05 23:55  08:00  GREEN

  24/09/06 15:55  37 TW  MC: NE           24/09/06 23:55  08:00            >

  24/09/08 07:54  37 TW  RESADN32         24/09/08 07:54  00:00  GREEN

  24/09/10 03:15  37 TW   A43741  09  TT  24/09/10 16:45  13:30  GREEN

  24/09/11 08:00  37 TW   X43641  10  TT  24/09/11 20:15  12:15  GREEN

                                             TOTL TM: 0041:45

7DY RESET: 240917 0314     28DY TOT: 0121:45 7DY TOT: 0041:45 AS OF 240912 1157

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

After delete

DIST: 37 SUB-DIST: TW      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: CAPAY #  KRISTOFFER              EMPLOYEE NUMBER: 000207777

  START DATE: 240905 TIME: 1157    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/05 15:55  37 TY  YNGS30       TT  24/09/05 23:55  08:00  GREEN

  24/09/06 15:55  37 TW  MC: NE           24/09/06 23:55  08:00            >

  24/09/08 07:54  37 TW  RESADN32         24/09/08 07:54  00:00  GREEN

                                             TOTL TM: 0041:45

7DY RESET: 240917 0314     28DY TOT: 0121:45 7DY TOT: 0041:45 AS OF 240912 1157

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

ADJUSTMENT COMPLETED.

After F6, RESADN32 is deleted.

DIST: 37 SUB-DIST: TW      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: CAPAY #  KRISTOFFER              EMPLOYEE NUMBER: 000207777

  START DATE: 240905 TIME: 1157    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/05 15:55  37 TY  YNGS30       TT  24/09/05 23:55  08:00  GREEN

  24/09/06 15:55  37 TW  MC: NE           24/09/06 23:55  08:00            >

                                             TOTL TM: 0041:45

7DY RESET: 240917 0314     28DY TOT: 0121:45 7DY TOT: 0041:45 AS OF 240912 1157

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

ADJUSTMENT COMPLETED.

Case-10

DIST: 36 SUB-DIST: RY      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: KLOCK #       W  WILLIAM         EMPLOYEE NUMBER: 000207843

  START DATE: 240905 TIME: 1058    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/05 22:30  36 RY  MC: NE           24/09/06 06:30  08:00            >

  24/09/07 14:30  36 RY  MC: NE           24/09/07 22:30  08:00            >

  24/09/08 14:30  36 RY  MC: NE           24/09/08 22:30  08:00            >

  24/09/09 14:30  36 RY  MC: NE           24/09/09 22:30  08:00            >

24/09/10 22:30  36 RY  MC: NE           24/09/11 06:30  08:00            >

  24/09/11 06:29  36 RY  RESETS32         24/09/11 06:29  00:00  GREEN

  24/09/11 22:30  36 RY  YRYS61       TT  24/09/12 06:30  08:00  GREEN

                                             TOTL TM: 0048:00

7DY RESET: 240918 2229     28DY TOT: 0096:00 7DY TOT: 0048:00 AS OF 240912 1058

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

END OF FILE                                                           E011-1

After F6, RESETS32 is deleted

DIST: 36 SUB-DIST: RY      EMPLOYEE TIME ON DUTY LOG                   PSTS05Y

  EMPLOYEE NAME: KLOCK #       W  WILLIAM         EMPLOYEE NUMBER: 000207843

  START DATE: 240905 TIME: 1058    INCLUDE VIRTUAL TOURS? N (Y/N)

  END DATE  :        TIME:         DISPLAY 28 DAY LOG?      (Y/N)

  FUNC:   (A/C/D) TIME SPENT      AS OF DATE        TIME      REST   (G/Y/R)

  TYPE:   (C=CONTACT/M=COMMUTE/W=MANUAL)                 TOTAL   STATUS

X  ON-DUTY TIME   DD SD  TRAIN/ASGN   CC  OFF-DUTY TIME   TIME   AT CALL  CHG

-------------------------------------------------------------------------------

  24/09/05 22:30  36 RY  MC: NE           24/09/06 06:30  08:00            >

  24/09/07 14:30  36 RY  MC: NE           24/09/07 22:30  08:00            >

  24/09/08 14:30  36 RY  MC: NE           24/09/08 22:30  08:00            >

  24/09/09 14:30  36 RY  MC: NE           24/09/09 22:30  08:00            >

24/09/10 22:30  36 RY  MC: NE           24/09/11 06:30  08:00            >

  24/09/11 22:30  36 RY  YRYS61       TT  24/09/12 06:30  08:00  GREEN

                                             TOTL TM: 0048:00

7DY RESET: 240910 0659     28DY TOT: 0096:00 7DY TOT: 0048:00 AS OF 240912 1058

ENTER=INQ  F1=HELP  F3=EXIT  F5=UPD F6=ADJ RESET F7=UP F8=DN F12=NEXT EMP

ADJUSTMENT COMPLETED. EMPLOYEE IS PAST DUE FOR A RESET.

Note: This employee is found to be in violation after the adjustment and will be put in RESETSYS/S32/RESETSHW during the next MA0V run. Or the user can do a RESETMNL.

# Create IVR Contact records on Canadian HOS Log screen.

When the IVR contacts an employee with a notification b/w the hours of 22:00 and 08:00 on any day i.e., if an IVR NTFY history record is added b/w 22:00 and 08:00, then add a new CONTACTI record on CANADIAN HOS LOG (PSTS05Y). CONTACTI should not be added if the employee voluntarily looks up IVR notifications i.e., if a **NTFY SEEN** history record is added with the IVR NTFY, it implies employee voluntarily looked up the IVR notifications, and CONTACTI should not be created in this case.

CONTACTI is a type of CONTACT record (EMPTOD-CONTACT of WSEMPTOD should be true for CONTACT as well as CONTACTI records). This CONTACTI record will be used to determine if a natural reset break has occurred (see requirement 1).

Do not allow modification or deletion of CONTACTI records on PSTS05Y.

In the current CATS process, IVR notification during projected undisturbed periods extends projected reset time saved in MSC03 file. With the new CONTACTI records, this extension of projected reset is no longer required and should be removed.

# Processing E-95 bookoff during late tie up.

In the current CATS process – When an employee is booked off into E95 during tie-up, the off-duty time serves as the bookoff effective time, and the E95 expiration time is calculated using the off-duty time. If the employee is tying up late, i.e., if the current time is more than the off-duty time, then the E95 expiration time can sometimes be less than the current time; if so, the change of status process does not allow the bookoff and interrupts the tie-up process.

Change: If the employee is tying up late, and the employee is due for an E95 bookoff, then the system should first compute the expiration time of E95 using the off-duty time. If the E95 expiration time is more than the current time, then the employee should be booked off into E95 with the current time as the bookoff effective time. The E95 bookoff should be omitted if the E95 expiration time is less than or equal to the current time.

Note: The E95 expiration time, the 60h/7d and 192h/28d lookback thresholds, and the duration left until the projected 7DY RESET, will continue to be computed based on the off-duty time as per the current CATS tie-up process. The system will disregard any HOS records that may be found between the off-duty time and the current time.

# Changes to the natural reset assessment criteria.

In the current CATS process, when the employee's on-duty time, minus the lead time, exceeds the projected reset end time, they will be considered naturally reset. These criteria should be modified such that – when the employee's on-duty time exceeds the projected reset end time and the order time, minus the lead time, exceeds the projected second undisturbed end time, they will be considered naturally reset. (Lead time will be zero for show jobs.)

If the order minus lead exceeds the projected second undisturbed end time, but the on-duty time is found to be less than the projected reset end time by less than an hour, then issue the warning EMP WILL RESET IN XX MN CONSIDER DELAYING ON-DUTY TIME BY XX MN to the user, where XX is the number of minutes the on-duty time is less by. (This is a pre-existing message in CATS; the criteria to issue this warning should be modified as specified here.)

Additionally, if the employee's on-duty time exceeds the projected reset end time and the order time, minus the lead time, exceeds the projected second undisturbed end time, but the current time is found to be less than the projected second undisturbed end time, then issue the edit EMP WILL RESET SHORTLY, CAN BE CALLED AT HH:MM to the user, where HH:MM is the projected second undisturbed end time plus one minute. (This is a pre-existing message in CATS that is not applicable to show-job owners. The criteria to issue this edit should be modified as specified here.)

A table with numbers and time

Description automatically generated

# Modify messages in call programs to include earliest available times for employees coming out of a system or manual reset.

In call programs (PSTS08/08S/08Z), for employees coming out of a system or a manual reset, i.e., RESETSYS/S32/SHW/MNL/M32 –

the O098 message,

**ON-DUTY TIME IS DURING SYS RESET BRK**

should be replaced with a new message,

**EARLIEST ALLOWED ON-DUTY TIME IS MM/DD HR:MN**

where MM/DD HR:MN is 'reset-break-end-time + 1minute',

and the L050 message,

**LEAD TIME IS OVERLAPPING WITH SYS RESET UDR**

should be replaced with a new message,

**EARLIEST ALLOWED ORDER TIME IS MM/DD HR:MN**

where MM/DD HR:MN is 'UD2-end-time + lead-time + 1minute'.

(Lead time will be zero for show jobs).

The L050 message is presented in the current CATS process when the **on-duty** time minus the lead time is less than or equal to the second undisturbed rest end time. The criteria should be changed to display the new message replacing L050 when the **order** time minus the lead time is less than or equal to the second undisturbed rest end time.

# Changes WRT Yardmasters, Yardmaster Trainees and Switch-tenders.

### Part-I

The tie-up process w.r.t Yardmasters, Yardmaster Trainees and Switch-tenders should be changed as follows –

Current CATS process: If the employee needs to be forced into a system reset at tie-up,   
check the craft of the employee, and proceed with the system reset processing if the emp's craft is not yardmaster or yardmaster-trainee.

Change: If the employee needs to be forced into a system reset at tie-up,   
check the primary assignment of the employee. The employee is a Yardmaster or Yardmaster trainee if the fourth byte of their primary assignment is Y. The employee is a switch-tender if it is G. Check the crew profile of the primary assignment if the employee is a Yardmaster, Yardmaster trainee, or Switch-tender. If the crew profile's rest-req field is N, then skip the system reset procedure. If it is C or B, then proceed with the system reset processing. If they are not a yardmaster, a yardmaster-trainee, or a switch-tender, check to see if the first two bytes of their primary assignment are "EX" and if the employee is in board YA, YB or Y1 through Y9. If this is true, then the employee is on a Yardmaster spare-board. Skip the system reset procedure if the employee is on a Yardmaster spare-board. Proceed with the system reset procedure for all other cases.

### Part-II

The MA0V background process w.r.t Yardmasters, Yardmaster Trainees and Switch-tenders should be changed as follows –

Current CATS process: Check the craft of the employee and proceed with the MA0V processing if the emp's craft is not yardmaster or yardmaster-trainee.

Change: If the employee needs to be forced into a system reset during the MA0V run,   
check the primary assignment of the employee. The employee is a Yardmaster or Yardmaster trainee if the fourth byte of their primary assignment is Y. The employee is a switch-tender if it is G. Check the crew profile of the primary assignment if the employee is a Yardmaster, Yardmaster trainee, or Switch-tender. If the crew profile's rest-req field is N, then skip the system reset procedure. If it is C or B, then proceed with the system reset processing. If they are not a yardmaster, a yardmaster-trainee, or a switch-tender, check to see if the first two bytes of their primary assignment are "EX" and if the employee is in board YA, YB or Y1 through Y9. If this is true, then the employee is on a Yardmaster spare-board. Skip the system reset procedure if the employee is on a Yardmaster spare-board. Proceed with the system reset procedure for all other cases.

Note: In the MA0V process, a RESETSHW will be recorded in lieu of a RESETSYS for employees in A (Available) status whose primary assignment is a show-job (a show-job will have Ignore-Lead-Time field set to Y on the Crew Profile).

# 7.1. Changes to PSTS08 call process.

Employees whose craft is not a Yardmaster or Yardmaster-trainee are not exempt from the HOS regulations to work Yardmaster jobs if the crew profile's rest-req flag is C or B. The PSTS08 call process's "HELP" feature and subsequent "CALL" needs to be changed in accordance with this specification.

# Color formatting for employee name field on inquiry screens.

The following color formatting should be added to the inquiry screens specified in requirements 8.1 through 8.7.

Employee name should be displayed in **Red** if at least one of the following is true:

1. **6hrs or less** is left until the **projected 7day reset** i.e., time before which the employee should go into reset-break in the current 7day period. If the employee is on duty, the projected 7day reset is MSTR3-7DAY-END-PERIOD as saved in MSC03 file. If the employee is not on duty, projected 7day reset is computed based on the HOS records present before the current time.
2. Employee will be displayed in Red if employee goes past the 7day period without a reset break i.e., HOS records are logged such that no reset break is found for more than 7days before current time. Projected 7day reset will be less than current time in this case.
3. Employee is in system reset break and current time is less than or equal to 2nd undisturbed end time. NOTE: employee's on-duty time cannot be before reset end time, but they will be displayed in red only until 2nd undisturbed period ends.
4. 60/7 clock (TTOD for 7days before current time) is more than or equal 54 i.e., **6hrs or less** are left to hit the 60hr threshold. If the employee is not on duty (or) if the employee is on-duty and current time is less than on-duty time, then 60/7 total is computed based on the HOS records for 7days before current time. If the employee is on duty and the current time is more than the on-duty time, then the duration b/w the on-duty time and the current time should be added to the 60/7 total that is computed based on the HOS records for 7days before current time.
5. 192/28 clock (TTOD for 28days before current time) is more than or equal 186 i.e., **6hrs or less** are left to hit the 192hr threshold. If the employee is not on duty (or) if the employee is on-duty and current time is less than on-duty time, then 192/28 total is computed based on the HOS records for 28days before current time. If the employee is on duty and the current time is more than the on-duty time, then the duration b/w the on-duty time and the current time should be added to the 192/28 total that is computed based on the HOS records for 28days before current time.

Note: Employee name can be displayed in Red due to certain pre-existing conditions as well. For instance, on pool maintenance screen (PSTS15X), there is existing logic that displays the entire line of turn info (including employee name) in Red if the turn is not scheduled.

Provided none of the “**Red”** conditions above are true, employee name should be displayed in **Yellow** if at least one of the following is true:

1. **12hrs or less** is left until the projected 7day reset. If the employee is on duty, the projected 7day reset is MSTR3-7DAY-END-PERIOD as saved in MSC03 file. If the employee is not on duty, projected 7day reset is computed based on the HOS records present before the current time.
2. 60/7 clock (TTOD for 7days before current time) is more than or equal 48 i.e., **12hrs or less** are left to hit the 60hr threshold. If the employee is not on duty (or) if the employee is on-duty and current time is less than on-duty time, then 60/7 total is computed based on the HOS records for 7days before current time. If the employee is on duty and the current time is more than the on-duty time, then the duration b/w the on-duty time and the current time should be added to the 60/7 total that is computed based on the HOS records for 7days before current time.
3. 192/28 clock (TTOD for 28days before current time) is more than or equal 180 i.e., **12hrs or less** are left to hit the 192hr threshold. If the employee is not on duty (or) if the employee is on-duty and current time is less than on-duty time, then 192/28 total is computed based on the HOS records for 28days before current time. If the employee is on duty and the current time is more than the on-duty time, then the duration b/w the on-duty time and the current time should be added to the 192/28 total that is computed based on the HOS records for 28days before current time.

The color formatting specified above should be added to the following inquiry screens mentioned in requirements 8.1 through 8.7.

## 8.1. PSTS15X

## 8.2. PSTS06

## 8.3. PSTS12

## 8.4. PSTS02B

## 8.5. PSTS02C

## 8.6. PSTS02D

## 8.7. PSTS02E

# Change to RESETSHW processing.

MA0V process should be changed to put employees whose primary assignment is a show job in RESETSYS, instead of RESETSHW, when they are in C (TO-PLACE) status.

# Display return time of employees in E95 or System, Manual or Adjusted resets.

On PSTS02B, PSTS02C, PSTS02D and PSTS02E screens:

1. If an employee is in E95, the day and time of the second system undisturbed end time should be displayed in the “Return” field. Verify and make the changes, including the screen changes, as necessary.
2. If an employee is Available, in RESETSHW, and the current time is not more than the second system undisturbed end time, the day and time of the latter should be displayed in the “Return” field.

# Employees in RESETSHW/RESADSHW on CALL BOARD REPORT.

On CALL BOARD REPORT (CNP27N, CNP779):

Employees in RESETSHW/RESADSHW are currently displayed as RESTED. They should be displayed similarly as the employees in E95; if the employee is Available, in RESETSHW, and the current time is not more than the second system undisturbed end time, then employee’s status code, reason code, month, day and time of the second system undisturbed end time should be displayed.

Example of an employee in E95 on Call Board Report: