Section 3 - 7

Reasons Report

- **Reasons Report Definitions**
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Reasons Report Definitions

- **Awarded by previous bids: X –** X number of pairings matched this bid preference and were already awarded by a previous bid.

- **Awarded for coverage under a different bid** pairings matching this bid preference were already awarded and are listed under a different bid preference.

- **Awarded to senior bidder** pairings matching this bid preference were already awarded to a bidder with higher seniority than you.

- **Awarded to senior shadow bidder** pairings matching this bid preference were already awarded to a shadow bidder with higher seniority than you.

- **Best Line Before** the PBS Scheduler attempted to build a pairing block, but it could not be built using your bid preferences, so the PBS Scheduler moved to your next bid group, the results of this attempt are listed in your Reasons report.

- **Best Line Before Empty: No Pairing Awards Possible** the best line before is empty, the PBS Scheduler could not build a block with the pairings left in the available pairing pool.

Reasons Report Definitions

- **Best Line Before Empty: Available Pairing Credit Insufficient (Line Not Attempted)** the previous pairing completion attempt produced an empty best line before because there was insufficient available pairing credit to build a line so it was not attempted

- **Best Line Before Empty: Block Time Limit Insufficient (Line Not Attempted)** the previous pairing completion attempt produced an empty best line before because the N-PBS Scheduler calculated that a crewmember's Block Time Limit makes it unrealistic to complete a block

- **Best Line Before Empty: SLG Could Not Find Line Including Priority Stack Date** an SLG completion attempt produced an empty best line before because SLG quit early as it was required to include the priority stack date and could not.

- **Beyond bid limit: X** X number of additional pairings matched this bid preference, but none were awarded because you placed a limit on the bid preference.

- **Bid denied** this bid preference was denied, and there are pairings on your block that contradict this preference.

Reasons Report Definitions

- **Block is complete** this bid preference was not used to build your pairings because your pairings block was already complete before reaching this point.

  If a number appears after the "Block is complete" reason, it indicates the number of pairings that matched the bid but were not awarded because your block was already complete. That is, it reached the credit value.

- **Buddy cannot take pairing** your buddy could not be awarded this pairing, so it can't be awarded to you either.

- **Could Not Build Complete Line with Pairing** the pairing is available legally but cannot be used because it could not fit into your block and still build a complete block.

- **Filtered by higher bid: X** X number of pairings matched this bid preference but were filtered out of the available pairings pool by Avoid Pairings or Prefer Off bid preferences that were higher in your bid.

- **Honored** this bid preference was used, and there are no pairings on your block that contradict this preference.

Reasons Report Definitions

- **Item overlaps with another: X** X number of pairings matched this bid preference but overlapped with something already awarded.

- **Matching: X** the total number of pairings that match this bid preference.

- **Maximum Max-Credit bidders Reached** - the maximum number of Maximum Credit blocks have already been awarded.

- **Maximum Min-Credit bidders Reached** - the maximum number of Minimum Credit blocks have already been awarded.

- **Max Pairing Lines Reached** - the maximum number of Pairing lines has already been awarded. This amount does not include shadow bidders.

- **Minimum Base Layover line condition violated** the minimum base layover line condition could not be met with this bid preference, and some layovers are shorter than the minimum time requested.

Reasons Report Definitions

- **Minimum days off not met** this bid preference was denied due to not meeting the required 2 days off in a row between assignments.

- **Needed for Legality** this pairing was awarded from a lower bid preference to honor either a Min Days Off, Min Days On, or Pattern Set Condition bid preference.

- **Not considered** this bid preference was denied, but there are no pairings on your block that contradict this preference.

- **Not enough days off in range** this bid preference was denied due to reducing the guarantee of 11 days off, or prorated amount due to vacation or LOA.

- **Not honored** this bid preference was denied, and there are pairings on your block that contradict this preference.

- **Not used** this bid preference was not used to build your block; either because your block was already complete or because you used a Clear Schedule and Restart bid preference.

Reasons Report Definitions

- **No pairings available** no pairings that met your Avoid Pairings and Time Prefer Off bid preferences were available to be awarded, usually, because too many pairings were eliminated from the pairings pool by your Avoid Pairings and Time Prefer Off bid preferences.

- **Partially honored** this Time Prefer Off bid preference was used, but there are also pairings on your block that contradict a portion of this preference. If you submit a range of dates that you want to be free of duty, the PBS Scheduler may be able to honor part of the range but not all of it, resulting in a partially honored bid preference.

- **[Rule violation]** a FAR rule, or other legal consideration, prevented this bid preference from being honored The rule is identified in the reason included in your report.

- **Over maximum credits for period** the pairing would have caused your block to exceed the maximum credit value for the bid period.

- **Violates bid # X** - the pairing is legal and available, but if awarded will violate a Prefer off bid line (i.e. Prefer Weekends Off / Prefer Off Sundays).

Reasons Report Definitions

Additional Messages

You may see the following messages at the top of your Reasons report. These messages indicate that the PBS Scheduler had to ignore some of your preferences in order to give you a complete block or meet legal requirements or airline targets.

- **Affected By Denial Mode** the PBS Scheduler had to deny some or all your bids in order to build you a complete block.

- **Affected by SLG** the PBS Scheduler could not build you a block using any of your preferences and reached the end of Denial mode, so your block was built using secondary line generation (SLG).

- **Affected By Coverage** a pairing or pairings were forced onto your block in order to meet airline targets for the total number of pairings remaining in open time. In the case of a Reserve, a reserve day was forced onto the block.

Reasons Report FAQ
Minimum Credit

I bid for Minimum Credit Window and my Reasons Report says it was honored. Why do I have an 80 hour line?

Answer:

"Set Condition Minimum Credit Window" is simply an instruction to stop adding pairings to a block once the minimum window threshold is achieved. In this bid, the PBS Scheduler did not reach 65:00 hours with the first 3 pairings it awarded. Another pairing was required, and it selected a fourth pairing meeting the preference on bid line 4, even though there may be another pairing with a lower credit value that would have allowed line completion.

```
<< Default Bid >>
-----------------------
1.   Start Pairings
2.   Prefer Off Jul 1, 2017, Jul 2, 2017, Jul 16,
     2017
Honored
3.   Set Condition Minimum Credit Window
Honored
4.   Award Pairings If Any Aircraft Type E7M If Any
     Layover In XNA If Pairing Check-In Time >10:00
     If Pairing Check-Out Time < 17:00 If Position F2
05001    2017-07-03 (018:00)    (F2)
05002    2017-07-09 (020:11)    (F2)
05003    2017-07-19 (020:44)    (F2)
05004    2017-07-25 (022:00)    (F2)
Schedule is complete: 55
(4 Awarded, 74 Matching, Running total: 080:55)
5.   Award Pairings If Any Aircraft Type E7M If
     Position F2
6.   Award Pairings If Any Aircraft Type E7M If
     Position F1
     Award Pairings
-----------------------
     Start Pairings
      Award Pairings
-----------------------
     Start Reserve
```

Reasons Report FAQ
Buddy Bid

I buddy bid. My buddy is junior to me and we both end up on reserve. What is going on?

Answer:

When two bidders designate each other as buddies (by entering the other's employee number on their bid), the PBS Scheduler honors the buddy bid. The senior buddy forfeits their position, is processed at the level of the junior, and adopts the junior buddy's bid. This is true even if there are no "buddiable pairings," and even if the junior can only hold reserve.

```
<< Default Bid >>
Buddy: 123456
    ------------------------
    1.   Start Pairings
    2.   Award Pairing If Any Aircraft Type E7M if
         Pairing Check-In Time> 09:00 If Pairing Total
         Credit > 23:00 If Position F1, F2
    3.   Award Pairing If Any Aircraft Type E7M if
         Pairing Check-In Time> 09:00 If Pairing Total
         Credit > 22:45 If Position F1, F2
    4.   Award Pairing If Any Aircraft Type E7M if
         Pairing Check-In Time> 09:00 If Pairing Total
         Credit > 22:30 If Position F1, F2
    5.   Award Pairing If Pairing Check-In Station DFW
         Award Pairings
Best Line Before:
05001    2017-07-03 (072:42)
05002    2017-07-09 (017:16)
05003    2017-07-19 (017:22)
05004    2017-07-25 (017:59)
Total Credit: (070:19)
    ------------------------
    6.   Start Reserve
         Awarded Reserve Days:
2017-07-04 (RES)
2017-07-05 (RES)
2017-07-06 (RES)
```

Reasons Report FAQ
Could Not Build Complete Line with Pairing

I bid for specific pairing. Why was my first preference "Could Not Build Complete Line with Pairing?"

Results with Shuffling

```
<< Default Bid >>
     ----------------------------
1.    Start Pairings
2.    Set Condition Minimum Credit Window
Honored
3.    Award Pairing If Departing On Jul 9,2017 If Pairing Number 5001
      If Position F2
Could Not Build Complete Line with Pairing: 1
(0 Awarded, 1 Matching, Running total: 000:00)
4.    Award Pairing If Departing On Jul 9,2017 If Pairing Number 5002
      If Position F2
05002     2017-07-09     (025:32)   (F2)
(1 Awarded, 1 Matching, Running total: 025:32)
5.    Award Pairing If Departing On Jul 15,2017 If Pairing Number 5004
05004     2017-07-25     (019:36)   (F1)
(1 Awarded, 2 Matching, Running total: 045:08)
6.    Award Pairing If Departing On Jul 25,2017 If Pairing Number 5005
05005     2017-07-25     (019:53)   (F1)
Schedule is Complete: 9999
(1 Awarded, 2 Matching, Running total: 065:01)
      Award Pairing
     ----------------------------
      Start Pairing
      Award Pairings
     ----------------------------
      Start Reserve
```

Reasons Report FAQ
Could Not Build Complete Line with Pairing

Results without Shuffling:

```
<< Default Bid >>
    ---------------------------
    1.   Start Pairings
    2.   Set Condition Minimum Credit Window
    Honored
    3.   Award Pairing If Departing On Jul 9,2017 If Pairing Number 5001
         If Position F2
    05001     2017-07-09     (025:30)  (F2)
    (1 Awarded, 1 Matching, Running total: 025:30)
    4.   Award Pairing If Departing On Jul 9,2017 If Pairing Number 5002
         If Position F2
    Item overlaps with another: 1
    (0 Awarded, 1 Matching, Running total: 025:30)
    5.   Award Pairing If Departing On Jul 15,2017 If Pairing Number 5004
    05004     2017-07-25     (019:36)  (F1)
    (1 Awarded, 2 Matching, Running total: 045:06)
    6.   Award Pairing If Departing On Jul 25,2017 If Pairing Number 5005
    05005     2017-07-25     (019:53)  (F1)
    (1 Awarded, 2 Matching, Running total: 064:59)
         Award Pairing
    Impossible to reach credit window
    ---------------------------
       Start Pairing
         Award Pairings
    ---------------------------
       Start Reserve
```

Answer:

Using Shuffling, the PBS Scheduler was able to complete your line using pairings from your "award" bids. If your first preference was not pulled during shuffle, the PBS Scheduler could not reach line completion (triggering denial mode or SLG).

Reasons Report FAQ
In-Period Credit

I waived everything to get a line and I ended up on reserve, but people junior to me got lines. How come?

Answer: If you are placed on reserve, and someone junior to you has a line, the junior FA likely has a carry-in trip or a pre-planned credit absence that allowed the Scheduler to meet the credit requirement.

Even if the junior FA does not have either of those, you may not be legal for a trip at the beginning of the bid-month if results in 7 straight days of duty. Above, Envoy FA1 has reserve days from June 29th through July 1st. FA1 is not legal for the 4-day sequence 29271 on July 2nd, because that would be 7 days without a 24-hour break. Envoy FA3 had a carry-in trip with 16:04 in-period credit that allowed the Scheduler to reach the credit window. Envoy FA4 has an in-period credited absence worth 7:30 which allowed line completion.

	C/IN	Sun 2	Mon 3	Tue 4	Wed 5	Thu 6	Fri 7	Sat 8	Sun 9	Mon 10	Tue 11	Wed 12	Thu 13	Fri 14	Sat 15	Sun 16	Mon 17	Tue 18	Wed 19	Thu 20	Fri 21	Sat 22	Sun 23	Mon 24	Tue 25	Wed 26	Thu 27	Fri 28	Sat 29	Sun 30	Mon 31	C/Out
1 / 00000001 ENVOY FA 1 CR: 000:00 Days Off: 11		00:00 23:59 RES	00:00 23:59 RES			00:00 23:59 RES	00:00 23:59 RES			00:00 23:59 RES	00:00 23:59 RES	00:00 23:59 RES	00:00 23:59 RES	RGO	RGO	RGO	00:00 23:59 RES	00:00 23:59 RES	00:00 23:59 RES	00:00 23:59 RES	00:00 23:59 RES					00:00 23:59 RES	00:00 23:59 RES	00:00 23:59 RES	00:00 23:59 RES	00:00 23:59 RES	00:00 23:59 RES	
2 / 00000002 ENVOY FA 2 CR: 075:04 Days Off: 13		TXK 09:48 018:22 29271 F1	TYR	ROW 17:54		SAV 13:40 017:51 05405 F1	GRR	GJT 18:00		ROW 13:40 017:52 29476 F1	GCK	MLU 19:44					ABI 10:33 018:59 29339 F1	ABI	AEX 15:56							CID 15:35 002:00 05560 F1	GRR Aug3 17:46					
3 / 00000003 ENVOY FA 3 CR: 083:18 Days Off: 11		MTY 09:38 Jul1 016:04 5013 F2	AGU	QRO 16:39		MLU 13:45 016:54 29484 F1	TYR	ABI 19:47		SPI 11:50 015:45 29396 F1	SPI	SPI 18:07					XNA 14:33 016:56 05464 F2	CID	VPS 15:52						GRR 15:25 017:39 05519 F1	GJT	GJT 13:59					
4 / 00000004 ENVOY FA 4 CR: 077:01 Days Off: 12				VPS 10:01 016:51 05266 F2	GJT	XNA 12:04					00:00 007:30 T4	24:00	GCK 11:50 017:33 29400 F1	SGF	ROW 19:27				SPI 07:50 017:29 29252 F1	TXN	SPI 14:26			LCH 06:05 017:38 29223 F1	AEX	ACT 13:16					

Reasons Report FAQ

Bid Order

I requested July 4th off and no position 2. Why am I working the 4th, and how come all my trips are positon 2?

Answer:

The Scheduler reads your bid one line at a time. Any "prefer off" or "avoid" within a bid group will only apply to the "award" preferences that fall below it. In this bid, the schedule was completed at line 5. The flight attendant should have placed lines 6 and 7 above line 5 if they want off July 4th and no positon 2 trips.

```
<< Current Bid >>
-----------------------------
1.    Start Pairings
2.    Waive 1 Day Off in 7
Honored
3.    Waive No Same Day Pairing
Honored
4.    Waive Minimum 2 Days Off in A Row
Honored
5.    Award Pairing If Pairing If Any Aircraft Type CR7
13001      2017-07-04      (018:50)   (F2)
13002      2017-07-13      (020:11)   (F2)
13003      2017-07-20      (018:54)   (F2)
13004      2017-07-27      (017:22)   (F2)
Schedule is Complete: 9999
(4 Awarded, 370 Matching, Running total: 075:17)
6.    Prefer Off July 4, 2017
7.    Avoid Pairings If Position F2
```

Reasons Report FAQ

Bid Groups

I wanted July 23rd off and no E7M trips. Why am I working on the 23rd on the E7M?

Answer:
The Scheduler organizes your bid in groups. Each group is read independently.
In this bid, the flight attendant listed the "prefer off" and "avoid" only in the first bid group. Once the first bid group couldn't build a line, it was ignored, and the Scheduler awarded pairings using the preferences in the second bid group.

```
<< Default Bid >>
--------------------------------
  1.   Start Pairings
  2.   Waive Minimum 2 Days Off In a Row
  3.   Waive 1 Day Off in 7
  4.   Waive 10 Hour Rest
  5.   Prefer Off Jul 23, 2017
  6.   Avoid Pairing If Any Aircraft Type E7M
  7.   Set Condition Minimum Credit Window Else Start Next Bid Group
Maximum Min-Credit Bidders Reached
Start Next Honored
Best Line Before Empty: No Pairings Awards Possible
       Award Pairings
--------------------------------
  8.   Start Pairings
  9.   Waive Minimum 2 Days Off In a Row
Honored
 10.   Waive 1 Day Off in 7
Honored
 11.   Waive 10 Hour Rest
Honored
 12.  Award Pairing If Pairing If Check-In Station DFW
05001     2017-07-09      (017:58)   (F2)
05002     2017-07-23      (018:30)   (F2)
05003     2017-07-29      (014:59)   (F2)
05004     2017-07-13      (017:59)   (F2)
05005     2017-07-04      (017:28)   (F2)
Schedule is Complete: 9999
(5 Awarded, 920 Matching, Running total: 086:54)
```

Group 1

Group 2

Reasons Report FAQ
Coverage Awards

My Reasons Report has a "Coverage Awards" section. What's that about?

Answer:
When your result is affected by coverage, a pairing or pairings were forced onto your block to meet airline targets for the total number of pairings remaining in open time. This usually occurs when an abnormally high number of FAs request a specific day off, like Thanksgiving or Christmas.

The coverage award is locked into your schedule prior to the system reading your Preferences.

```
Coverage Awards
<< Default Bid >>
    09001      2017-07-02      (012:09)   (F1)
    (1 Awarded, Running total: 012:09)
    ---------------------------
    1.    Start Pairings
    2.    Waive No Same Day Pairings
Honored
    3.    Prefer Off Jul 04, 2017, Jul 02, 2017, Jul 03,
          2017,Jul 05, 2017,Jul 29, 2017,Jul 28,
          2017,Jul 30, 2017,Jul 9, 2017
Partially Honored
    4.    Set Condition Minimum Credit Window
Maximum Min-Credit Bidders Reached
          Award Pairings
    13001      2017-07-08      (018:19)   (F1)
    13002      2017-07-14      (017:55)   (F1)
    09002      2017-07-20      (015:01)   (F1)
    13003      2017-07-29      (013:30)   (F1)
    Award Coverage: 1
    Schedule is Complete: 9999
    (4 Awarded, 1198 Matching, Running total: 076:54)
    ---------------------------
    6.    Start Reserve
    7.    Prefer Off Weekends
    8.    Prefer Off Jul 09, 2017, Jul 02, 2017, Jul 03,
          2017,Jul 04, 2017,Jul 29, 2017,Jul 28,
          2017,Jul 30, 2017,Jul 5, 2017
    ---------------------------
        Start Pairing
        Award Pairings
    ---------------------------
        Start Reserve
```

Reasons Report FAQ
Reserve Bid

Why did someone junior to me receive some of the days that I requested off when I didn't?

```
Pre-Awards
RSV   2017-06-30  (000:00)
VP    2017-07-15  (021:00)
(2 Pre-awarded, Running Total: 021:00)


<< Current Bid >>
   ------------------------
   1.  Start Reserve
   2.  Prefer off Jul 14, 2017, Jul 13, 2017, Jul 12,
       2017, Jul 22, 2017, Jul 23, 2017, Jul 29, 2017,
       Jul 30, 2017, Jul 31, 2017, Jul 02, 2017, Jul
       03, 2017, Jul 07, 2017
   Partially Honored
   Award Reserve Days:
2017-07-04 (RES)
```

Answer:
The PBS Scheduler can only create a Reserve Schedule that both complies with FARs and the FA Agreement.

This bid is missing waivers ("Block of 4 Days Off" and "Minimum 2 Days Off in a Row"), making it impossible for the Scheduler to honor all days off without violating reserve defaults.

The PBS Scheduler had to "partially honor" days off, by following the order of importance in the Prefer Off bid:

Most important ← **Prefer Off Days Line** → Least important

Reasons Report FAQ
Reserve bid, continued

This number represents order of importance for each day, based on the Prefer Off bid line .

		Sat 1	Sun 2	Mon 3	Tue 4	Wed 5	Thu 6	Fri 7	Sat 8	Sun 9	Mon 10	Tue 11	Wed 12	Thu 13	Fri 14	Sat 15	Sun 16	Mon 17	Tue 18	Wed 19	Thu 20	Fri 21	Sat 22	Sun 23	Mon 24	Tue 25	Wed 26	Thu 27	Fri 28	Sat 29	Sun 30	Mon 31
Bid Prefer Off	RES		OFF 9	OFF 10				OFF 11					OFF 3	OFF 2	OFF 1		Vacation						OFF 4	OFF 5						OFF 6	OFF 7	OFF 8
Awarded Days Off	RES						OFF	OFF					OFF	OFF	OFF		Vacation						OFF	OFF					OFF	OFF	OFF	OFF

Logic Explanation:

- There is no block of 4 days off and the FA did not waive the Block of 4 days off.

- There is a single day off (July 7th) and the FA did not waive the Minimum 2 Days Off in a Row.

- There is room to build a block of 4 days off at the end of the month by adding a day off on July 28th.

- The Scheduler will try to build a line by denying the least important Prefer Days Off in this bid.

- July 7th is the least important day. The scheduler can't remove this day, since will put this FA to work 8 straight days, and it can't also leave this as a single day off since "Minimum 2 Days Off in a Row" was not waived.

- The Scheduler moves on to the next least important requested Prefer Off day. It will need to deny 2 requested days off; one to add to the 7th off day and one to add to the 28th off day. The Scheduler denies July 2nd and 3rd to build a RSV schedule adhering to the FA Contract and honoring the Prefer Off bid in order of importance.