

BNSF Railway

Best Way for Line-up Accuracy Display Changes

Updated 10/23/08



Objective

Improve the accuracy of the lineup information that is provided to the TYE employees in order to:

- Improve quality of life
- Enhance ability to secure proper rest
- Increase availability for work

Display Changes – Why?

The purpose for these display changes is to:

- Make the presentation of data similar between the pool ID display and Extra Board – ease of training new hires
- Creates a foundation for future changes (for instance – projected vacations, rest cycles and approved layoffs)
- Provide more flexible screens to allow the display of additional relevant information
- Reduces the need to back out to the main screen to search for more information – much more is available within the screens

Old View

Session A - REAL TIME

File Edit View Communication Actions Window Help

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===> Report Number 999 User FA130577 Line 1 Col 1
BRDNCTP6 ***** BNSF Crew Management ***** 10/23/08
BNSF BELEN - Working Board Report - 09:00:23MT
      EAME
Working Board: 6      Station: CLOVIS, NM      Board Type: XB XP
                    Eligible: 32 Assigned: 32 UDR lead time: N/A
Desc: CLOVIS COMBO XBD      +1 = 32 10170800701
TV:      Vacation: 1      Layoff: 3      Working: 10
Special
TM Handling      Employee Name      L      Ros      Dy Rest Arrw Prev Off Duty Cyc
-----
001 EC          BL COLSO          B002 3734          0318 RSTD 0902 2330
-----
002            JL CROCKE          C033 222          0413 RSTD 1022 0545
-----
003            J ROY             C009 214          0605 RSTD 1022 0615
-----
004            MZ SHELL         2 C030 41          1640 RSTD 1022 1645
-----
005            ZZ WEST          2 C015 1317        1310 RSTD 1022 1325
-----
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help Main Exit LclPr Find Line Back Frwd LnChg Left Right Prev
  
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MA a A 20/029

New View

Session B - REAL TIME [] [] [X]

File Edit View Communication Actions Window Help

BRDNXBRP ***** BNSF Crew Management ***** 10/23/08
 BNSF CHICAG - Working Board Report - 09:56:15CT
 Working Board: 6 Station: CLOVIS, NM Board Type: XB XP Cycle:
 EAWM Eligible: 32 Assigned: 32 UDRst: N/A
 TV: Vacation: 1 Layoff: 3 Working: 10
 Desc: CLOVIS COMBO XBD +1 = 32 10170800701

Select View (S,T,L): **S** (Standing & Vacancies)

TM	StCd	Employee	St	Rest	ArDp	Prev	Off	Duty	Qty
		Train Vcy	Job	Dc	Brd	Out	Proj	O/D	Vcy
								Info	
001		BL COLSO			0318	RSTD	0902	2330	
		BKLLLAC721A	CLO2393	03	21	1	1023	1043M	MA CATT
002		JL CROCKE			0413	RSTD	1022	0545	
		ZKCKSBD122A	CLO2354	03	21	8	1023	1340M MU - 1024	0452M AP MOFFE
003		J ROY			0605	RSTD	1022	0615	
		UPEDWEL523B	CLOXTRA	03	800	1	1023	1400	

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
 Help Main Exit LclPr EMail Back Fwrd TrDtl Prev

MA b A 08/024

List of Display Enhancements

Extra Boards

- Overall view change to show employees on the board AND the projected on duty information instead of employees THEN vacancies
- View selections – S (Board Standing), T (“On Job” and “On Train” info), L (Layoffs)
- Drill down on the board number of the vacancy
- Robust Printing Options

Pool ID

- View selections – P (Pool View), L (Line-up Continuation – Trains not protected by pool turns), O (Outbound not departed), A (AFHT – view the opposite end of the pool)
- Highlight “rest” information in red
- Board # - allow to view a working board without leaving the screen

Bonus Screen – PF9 Train Detail

- Provides train make-up information – Loads/empties, Length, tonnage, track, engines, HP, Planned arrival/departure info and actual location
- Additional drill downs to DTK and DTRS

Bonus Screen - PF9 Train Detail

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Session B - REAL TIME
File Edit View Communication Actions Window Help
BRDNSOUP ***** BNSF Crew Management ***** 10/23/08
BNSF CHICAG - Outbound train Lineup - 10:01:44CT

Outbound Train Lineup █

Train Info          Loco's          Date          Time          Comments
-----
001 B KLLAC7 21A    BNSF 883        OD-102308     1043          UPS VNS:000*PLANNED
                   BNSF 7153       ARR-102308     1048
                   2629T 7837F    DPT-102308     1058
                   OLDS 82MTY      2.7Hp ACT-102308     0929          PS HANEY      TX 20H 45M L

002 Z KCKSD1 22A    BNSF 5282+      OD-102308     1340          UPS VNS:000*PLANNED
                   BNSF 5174       ARR-102308     1155
                   5592T 7135F    BNSF 4625       DPT-102308     1355
                   75LDS 0MTY      3.0Hp ACT-102308     0956          PS STFRANCIS TX 0H 16M L

003 U PEDWEL5 23B    BNSF 5237       OD-102308     1400          PLANNED
                   BNSF 788
                                DPT-102308     1700

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Main Exit LolPr          EMail Back Fwd                      Prev
MA  b                                     A                                     04/02E
  
```

What's Next??

December

- Enhancements to include projected layoffs for vacation, rest cycles and approved layoffs
- Logging of information regarding what projected on duty time an employee was given via the IVR or TSS screen
- Introduction to Push Alerts

January

- Accurate display of vacancies that can not be protected by the primary protecting extra board
- Additional Push Alerts
- Crew Deviation reporting enhancements taking new logic into consideration