

Rail Fleet Services Monthly Report October 2007



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Industrial Injuries – Lost Work Hours

| | Nov-06 | Dec-06 | Jan-07 | Feb-07 | Mar-07 | Apr-07 | May-07 | Jun-07 | Jul-07 | Aug-07 | Sep-07 | Oct-07 |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Blue Line | 176 | 168 | 184 | 120 | 144 | 120 | 21 | 0 | 0 | 72 | 48 | 168 |
| Red Line | 8 | 0 | 0 | 152 | 224 | 336 | 304 | 200 | 264 | 272 | 168 | 184 |
| Green Line | 176 | 160 | 176 | 64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Gold Line | 128 | 328 | 376 | 320 | 216 | 264 | 288 | 392 | 264 | 368 | 328 | 80 |
| Totals | 488 | 656 | 736 | 656 | 584 | 720 | 613 | 592 | 528 | 712 | 544 | 434 |

October 2007 Lost Work Hours

Blue Line – 112 Assigned Employees (106 Active)

Service Attendant – 168 hours

Red Line - 105 Assigned Employees (99 Active)

• Maintenance Specialist – 184 hours

Green Line – 46 Assigned Employees (45 Active)

• Maintenance Specialist – 2 hours

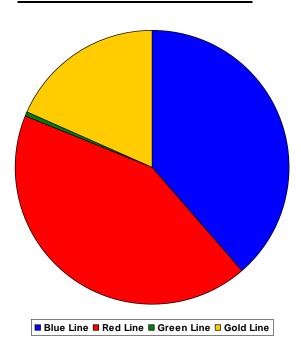
Gold Line – 50 Assigned Employees (48 Active)

• Service Attendant - 80 hours

Total Lost Work Hours for Oct. 2007 – 434 hours



October 2007 Lost Work Hours



Rail Vehicle Accidents & Major Incidents

| | Nov-06 | Dec-06 | Jan-07 | Feb-07 | Mar-07 | Apr-07 | May-07 | Jun-07 | Jul-07 | Aug-07 | Sep-07 | Oct-07 |
|------------|---------|----------|---------|---------|---------|---------|--------|---------|---------|----------|----------|----------|
| Blue Line | \$1,360 | \$48,543 | \$1,236 | \$1,027 | \$1,485 | \$6,869 | \$57 | \$9,551 | \$4,652 | \$67,854 | \$7,532 | \$0 |
| Red Line | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Gold Line | \$0 | \$1,765 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$33,925 | \$34,189 |
| Green Line | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Totals | \$1,360 | \$50,308 | \$1,236 | \$1,027 | \$1,485 | \$6,869 | \$57 | \$9,551 | \$4,652 | 67,854 | \$41,457 | \$34,189 |

October 2007 Rail Vehicle Accidents & Major Incidents

Blue Line

- Oct. 10, Train vs. Auto, Washington & Flower, Los Angeles, Car 105, No damage to train.
- Oct. 10, Train vs. rubber tires, 108th Street, Los Angeles, cars involved unknown, no damage to train.

Gold Line

- Sept. 11, Train vs. Truck, Marmion Way & Ave. 55, Los Angeles, Car 248, Oct repair costs \$19,263, all repairs completed and car is back in service. Total repair costs \$49,946.
- Sept. 21, Train vs. Auto with fire, Ave. 50, Los Angeles, Car 243, October repairs \$14,926, Total repairs to date \$18,168, project on hold awaiting structural analysis and repair estimate from OEM (Siemens).



Sept. 11, 2007 Gold Line, Car 248

Sept. 21, 2007 Gold Line, Car 243



^{**} Individual accident repair costs are not available until after the repairs have been completed. The repairs on the September 21st Gold Line accident may take nine to 12 months to complete. The monthly accident charges listed above only represent the expenses incurred in that particular month and are not a total repair of an individual accident.

Service Delivery – AM/PM Pull-Outs

Cars Available for AM/PM Pull-Outs

| | Oct-06 | Nov-06 | Dec-06 | Jan-07 | Feb-07 | Mar-07 | Apr-07 | May-07 | Jun-07 | Jul-07 | Aug-07 | Sep-07 |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Blue Line | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Red Line | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Green Line | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Gold Line | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |

• Blue Line - Fleet Size 69 cars

Weekday pull-out: 60 carsWeekend pull-out: 36 cars

- Monthly Mileage: 423,357 miles

• Red Line - Fleet Size 104 cars

Weekday pull-out: 70 carsWeekend pull-out: 48 cars

- Monthly Mileage: 564,280 miles

• Green Line - Fleet Size 28 cars

Weekday pull-out: 22 carsWeekend pull-out: 16 cars

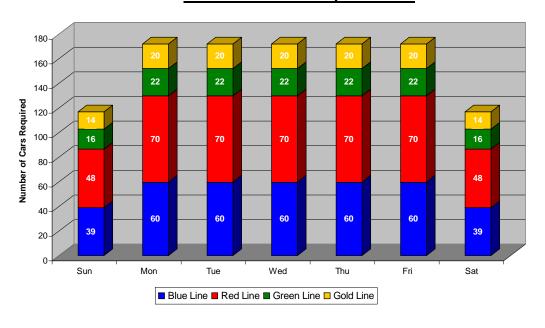
- Monthly Mileage: 224,201 miles

• Gold Line - Fleet Size 24 cars

Weekday pull-out: 20 carsWeekend pull-out: 14 cars

- Monthly Mileage: 140,639 miles

AM/PM Pull-Out Requirements





Mean Miles Between Failures (Major)

October 2007

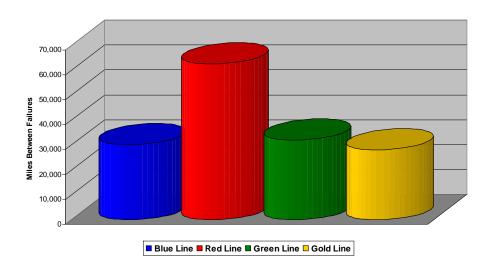
FTA Major Failures

Blue Line: 30,240 miles (14 FTA Major Failures)

Red Line: 62,698 miles (9 FTA Major Failures)

Green Line: 32,029 miles (7 FTA Major Failures)

Gold Line: 28,128 miles (5 FTA Major Failures)



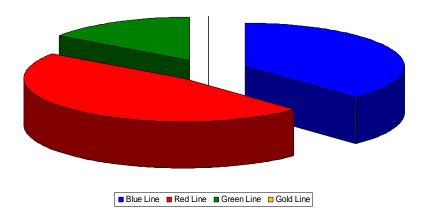
Repeat Failures

Blue Line: 25 Repeat Failures

Red Line: 31 Repeat Failures

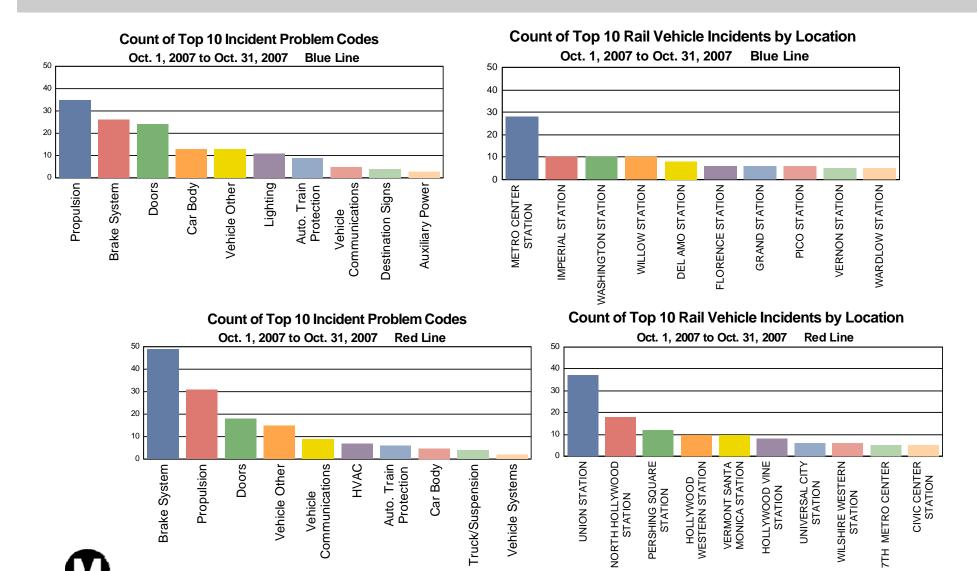
Green Line: 10 Repeat Failures

Gold Line: 0 Repeat Failures

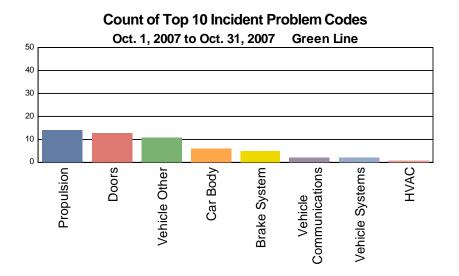


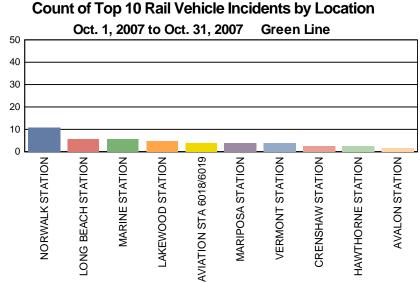


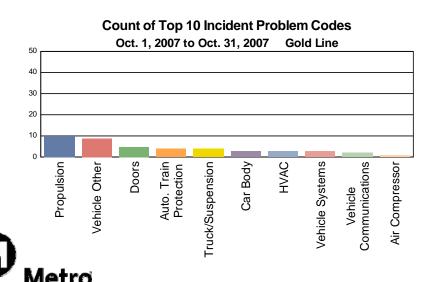
Incident Problems & Locations – Blue & Red Lines

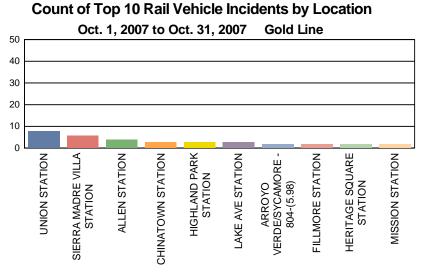


Incident Problems & Locations – Green & Gold Lines









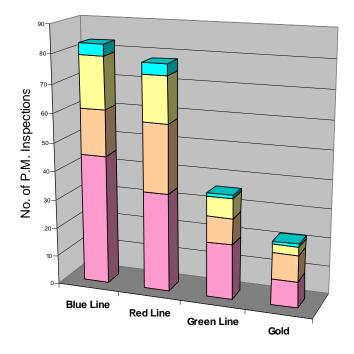
Preventative Maintenance Compliance

| | Nov-06 | Dec-06 | Jan-07 | Feb-07 | Mar-07 | Apr-07 | May-07 | Jun-07 | Jul-07 | Aug-07 | Sep-07 | Oct-07 |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Blue Line | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Red Line | 100% | 100% | 100% | 100% | 100% | 97% | 100% | 100% | 100% | 100% | 100% | 100% |
| Green Line | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Gold Line | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |

October 2007 Preventative Maintenance Inspections

| No. of P.M. Inspections | 5K | 10K | 20K | 60K | Totals |
|----------------------------|----|-----|-----|-----|--------|
| Blue Line | 45 | 16 | 18 | 4 | 83 |

| No. of P.M. Inspections | 7K | 14K | 28K | 84K | Totals |
|----------------------------|----|-----|-----|-----|--------|
| Red Line | 34 | 24 | 16 | 4 | 78 |
| Green Line | 19 | 9 | 7 | 1 | 36 |
| Gold Line | 9 | 9 | 3 | 1 | 22 |





Vandalism & Graffiti Report

| | Nov-06 | Dec-06 | Jan-07 | Feb-07 | Mar-07 | Apr-07 | May-07 | Jun-07 | Jul-07 | Aug-07 | Sep-07 | Oct-07 |
|------------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|----------|-----------|-----------|
| Blue Line | \$69,327 | \$71,482 | \$62,198 | \$72,185 | \$56,911 | \$36,165 | \$22,571 | \$33,340 | \$41,364 | \$41,364 | \$54,873 | \$68,406 |
| Red Line | \$16,418 | \$35,928 | \$17,487 | \$16,387 | \$11,893 | \$12,098 | \$17,357 | \$21,464 | \$11,906 | \$11,906 | \$11,645 | \$9,355 |
| Green Line | \$37,306 | \$14,351 | \$33,319 | \$32,943 | \$26,026 | \$29,903 | \$25,863 | \$28,478 | \$32,716 | \$33,547 | \$44,227 | \$33,832 |
| Gold Line | \$8,407 | \$11,735 | \$8,799 | \$6,158 | \$3,522 | \$4,094 | \$9,778 | \$4,347 | \$4,840 | \$5,992 | \$4,980 | \$4,980 |
| Totals | \$131,458 | \$133,496 | \$121,803 | \$127,673 | \$98,352 | \$82,260 | \$75,569 | \$87,629 | \$90,826 | \$92,809 | \$115,725 | \$113,442 |

October 07 Vandalism & Graffiti

Windows replaced: 93 = \$10,235

Vandal Shields replaced: 393 = \$6,264

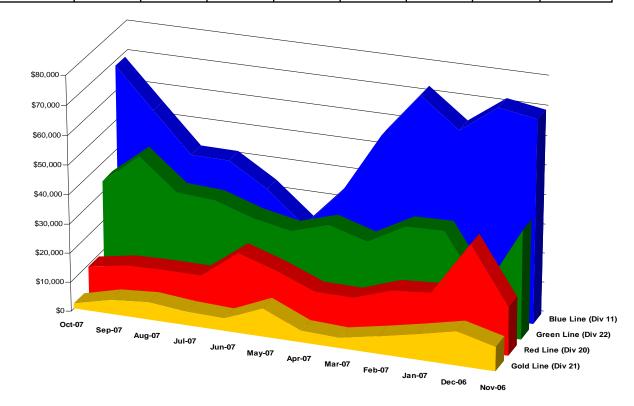
Seats cleaned: 5,532

Seats replaced: 87 = \$3,150

Ext./Int. repairs: 422 cars = \$3,649

Labor = \$90,144

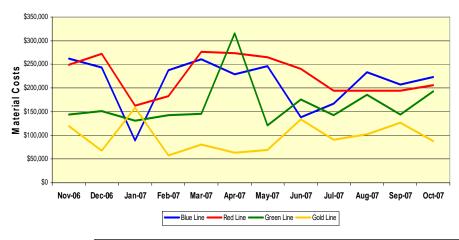
Total for October 2007: \$113,442

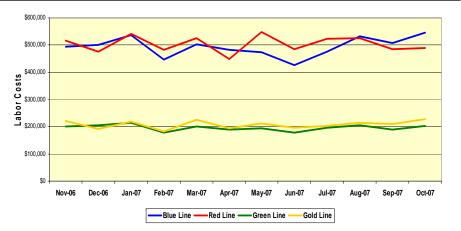




Material and Labor Costs

| Material Costs | Nov-06 | Dec-06 | Jan-07 | Feb-07 | Mar-07 | Apr-07 | May-07 | Jun-07 | Jul-07 | Aug-07 | Sep-07 | Oct-07 |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Blue Line | \$262K | \$243K | \$89K | \$238K | \$261K | \$229K | \$247K | \$139K | \$1167 | \$233K | \$208K | \$224K |
| Red Line | \$249K | \$273K | \$163K | \$182K | \$277K | \$273K | \$264K | \$241K | \$194K | \$194K | \$194K | \$205K |
| Green Line | \$144K | \$151K | \$132K | \$143K | \$146K | \$315K | \$121K | \$175K | \$142K | \$185K | \$144K | \$193K |
| Gold Line | \$119K | \$68K | \$158K | \$57K | \$81K | \$63K | \$69K | \$134K | \$91K | \$102K | \$127K | \$88K |
| Totals | \$774K | \$735K | \$541K | \$620K | \$764K | \$880K | \$701K | \$689K | \$594K | \$715K | \$673K | \$710K |



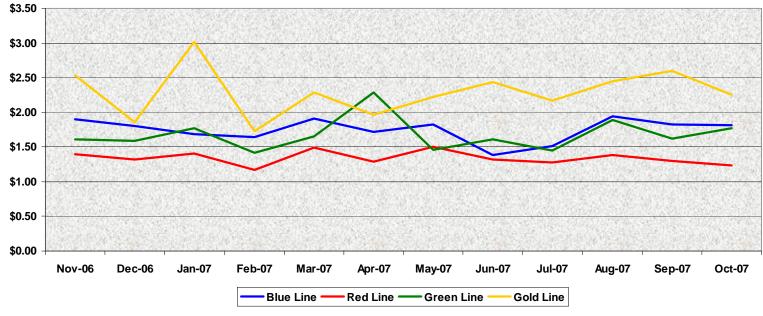


| Labor Costs | Nov-06 | Dec-06 | Jan-07 | Feb-07 | Mar-07 | Apr-07 | May-07 | Jun-07 | Jul-07 | Aug-07 | Sep-07 | Sep-07 |
|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Blue Line | \$494K | \$500K | \$537K | \$446K | \$502K | \$482K | \$475K | \$427K | \$476K | \$532K | \$508K | \$545K |
| Red Line | \$517K | \$475K | \$542K | \$483K | \$526K | \$450K | \$548K | \$485K | \$523K | \$527K | \$485K | \$489K |
| Green Line | \$200K | \$204K | \$215K | \$178K | \$201K | \$190K | \$194K | \$177K | \$196K | \$204K | \$190K | \$204K |
| Gold Line | \$221K | \$192K | \$218K | \$182K | \$227K | \$194K | \$211K | \$196K | \$202K | \$214K | \$208K | \$229K |
| Totals | \$1,431K | \$1,372K | \$1,512K | \$1,289K | \$1,455K | \$1,315K | \$1,427K | \$1,286K | \$1,397K | \$1,477K | \$1,392K | \$1,466K |



Cost Per Mile

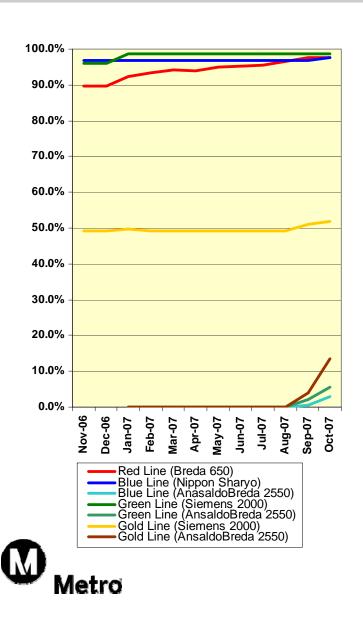
| Cost per mile: | Nov- 06 | Dec- 06 | Jan- 07 | Feb- 07 | Mar- 07 | Apr- 07 | May- 07 | Jun- 07 | Jul- 07 | Aug- 07 | Sep- 07 | Oct- 07 | Average |
|----------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---------|
| Blue Line | \$1.90 | \$1.81 | \$1.69 | \$1.65 | \$1.91 | \$1.72 | \$1.83 | \$1.38 | \$1.52 | \$1.94 | \$1.82 | \$1.82 | \$1.75 |
| Red Line | \$1.40 | \$1.32 | \$1.41 | \$1.17 | \$1.49 | \$1.29 | \$1.50 | \$1.32 | \$1.28 | \$1.38 | \$1.30 | \$1.23 | \$1.34 |
| Green Line | \$1.61 | \$1.59 | \$1.77 | \$1.42 | \$1.65 | \$2.29 | \$1.46 | \$1.61 | \$1.45 | \$1.89 | \$1.62 | \$1.77 | \$1.68 |
| Gold Line | \$2.53 | \$1.85 | \$3.02 | \$1.73 | \$2.29 | \$1.96 | \$2.22 | \$2.43 | \$2.16 | \$2.45 | \$2.60 | \$2.25 | \$2.29 |





Cost per mile totals only includes direct vehicle related expenses.

Rail Fleet Services Instruction – October 2007



| Description | Status | Start | End | Course Hours | Student Count | Training Hours |
|---|-----------------------|------------------------|--------------------------|---------------------------------------|------------------|-------------------|
| Nippon Sharyo 854/2020 LRV Instruction | | Otart | Liid | Tiours | Count | Houre |
| | <u></u> tal Nippor | Sharvo | 865 I RV | Training | (Hours): | 0 |
| 10 | tai itippoi | · Onaryo | OUU LICE | · · · · · · · · · · · · · · · · · · · | (Hours). | • |
| Breda A650 HRV Instruction: | | | | | | |
| RFS BREDA 650 MTO SYSTEMS | Complete | 10/17/2007 | 10/19/2007 | 24 | 1 | 24 |
| RFS BREDA 650 DOOR SYSTEM | Complete | 10/9/2007 | 10/11/2007 | 24 | 1 | 24 |
| RFS BREDA 650 COMMUNICATIONS | Complete | 10/3/2007 | 10/5/2007 | 24 | 1 | 24 |
| RFS BREDA 650 LVPS DC/DC CONVERTER | Complete | 10/3/2007 | 10/3/2007 | 8 | 1 | 8 |
| RFS BREDA 650 INTEGRATED TROUBLESHOOTING | Complete | 4/16/2007 | 10/2/2007 | 16 | 3 | 48 |
| RFS BREDA 650 P.M. PROGRAM | Complete | 4/16/2007 | 10/2/2007 | 16 | ٠. | 48 |
| | Tota | al Breda | 650 HRV | Training | (Hours): | 176 |
| Siemens 2000 Instruction: | | | | | | |
| RFS SIEMENS 2000 REVIEW | Complete | 10/23/2007 | 10/26/2007 | 32 | 6 | 192 |
| RFS SIEMENS 2000 DOORS | Cont in Nov | 10/30/2007 | 11/13/2007 | 16 | 6 | 96 |
| | Total S | iemens 2 | 2000 LRV | Training | (Hours): | 288 |
| Angeldo Brado 2550 LBV Instructions | | | | | | |
| AnsaldoBreda 2550 LRV Instruction: | | 40(4(2007 | 40/4/0007 | 4 | 9 | |
| RFS ANSALDOBREDA 2550 LIGHTING | Complete | 10/1/2007 10/2/2007 | 10/1/2007 10/12/2007 | 16 | 9 | 36 |
| RFS ANSALDOBREDA 2550 SCHEMATICS RFS ANSALDOBREDA 2550 DOORS | Complete | 10/3/2007 | 10/12/2007 | 8 | 9 | 144 72 |
| RFS ANSALDOBREDA 2550 DOORS RFS ANSALDOBREDA 2550 PROPULSION | Complete Complete | 10/3/2007 | 10/3/2007 | 48 | 9 | 432 |
| RFS ANSALDOBREDA 2550 CARBODY | Complete | 10/15/2007 | 10/11/2007 | 16 | 9 | 144 |
| RFS ANSALDOBREDA 2550 COMMUNICATIONS | Complete | 10/17/2007 | 10/19/2007 | 24 | 9 | 216 |
| RFS ANSALDOBREDA 2550 COUPLER | Complete | 10/22/2007 | 10/22/2007 | 8 | 9 | 72 |
| RFS ANSALDOBREDA 2550 A.T.P. & T.W.C. | Complete | 10/23/2007 | 10/26/2007 | 32 | 9 | 288 |
| RFS ANSALDOBREDA 2550 TRUCKS & WHEELS | Complete | 10/29/2007 | 10/31/2007 | 24 | 9 | 216 |
| Total Ar | nsaldoBre | da 2550 | LRV Line | Training | (Hours): | 1620 |
| New Maintenance Specialist Training: | | | | | | |
| New Maintenance Specialist Training. | Tot | al New F | mployee | Training | (Hours). | 0 |
| | 100 | ai itew L | inployee | Training | (Hours). | · |
| Miscellaneous Training Classes | | | | | | |
| MOP DIVERSITY TRAINING | Complete | 10/26/2007 | | 3.5 | 1 | 3.5 |
| M3-C SUPV/TIME CLERK TIME KEEPING | Complete | 10/3/2007 | 10/3/2007 | 3.5 | 3 | 10.5 |
| DRUG-AND-ALCOHOL-FREE WORK ENVIRONMENT POLIC MOP RECORD MANAGEMENT | | 10/30/2007 | 10/30/2007 10/25/2007 | 4 2 | 2 | 8 4 |
| ETD BUSINESS WRITING SKILLS | Complete Complete | 10/25/2007 | | 3 | 1 | 3 |
| CLASS A DRIVERS LICENSE TRAINING | Complete | 10/1/2007 | 10/24/2007 | 106 | 3 | 318 |
| MOP ADA-RESONABLE ACCOMMODATION | Complete | 10/16/2007 | 10/16/2007 | 4 | 1 | 4 |
| ETD PC 101 ESSENTIAL CONCEPTS | Complete | 10/30/2007 | 10/30/2007 | 3 | 1 | 3 |
| MOP DIVERSITY TRAINING | Complete | 10/26/2007 | 10/26/2007 | 3.5 | 1 | 3.5 |
| | | | agement | | (Hours): | 357.5 |
| | | | - | _ | | |
| Total Rail Fleet Services Instru | iction for t | he mont | th of Octo | ber 2007 | (Hours): | <u>2,441.5</u> |
| Core Vehicle Training Completed: | 1 | BLUE | RED | GOLD | <u>GREEN</u> | |
| Percentage of core vehicle training of | complete: | 96.8% | 97.6% | 51.8% | 98.8% | |
| AnsaldoBreda 2550 Training C | | 2.8% | N/A | 13.6% | 5.5% | |
| Average Specialist Rail Experience Leve | al in Vaare | 8.9 | 7.1 | 5.6 | 7.7 | |
| Dana 42 | ci ili i cal S. | 0.0 | 7.1 | 0.0 | | |