

Appendix G - Operations Reports

Session 26

| ProTrak Demonstrator | | | | | | | | | | | |
|---|------------------------------------|-----|----------|-------------|------|-----------|--------------------------|---------------|------|----------|-----|
| Switchlist | | | | | | | | | | | |
| Train # | : SLCH, Monday, December 16, 1988 | | | | | | at: St Louis, MO | | | | |
| Call Time | : 1:01 AM | | Throttle | | : 12 | | Next Yard : ACT | | | | |
| Conductor | : na | | | | | | Origin : St Louis, MO | | | | |
| Clearance# | : 16-002 | | | | | | Destination: Chicago, IL | | | | |
| Engine | : Cabin: | | | | | | | | | | |
| ## | Car Number | E | LG | KND | B# | Consignee | SPOT | NxtLoc | Tons | Contents | Hdg |
| CONSIST ON LEAVING YARD | | | | | | | | | | | |
| 0 No cars on leaving yard | | | | | | | | | | | |
| CARS FOR PICKUP | | | | | | | | | | | |
| 1 | THB 3667 | E | 44 | XM | 6 | AgentBN | ACT-Yd | CHI02s | 28 | nty | |
| 1 | *** Plain Bearing *** | | | | | | | | | | |
| 2 | WC 55161 | E | 57 | GB | 6 | AgentBN | ACT-Yd | CHI02s | 28 | nty | |
| 3 | BCIT 873075 | E | 80 | FBC | 6 | AgentBN | ACT-Yd | CHI02s | 28 | nty | |
| *** Couple cars at 4 mph or less *** | | | | | | | | | | | |
| CARS | Loads | : 0 | | Total Cars: | | : 0 | | Total Weight: | | : 0 tons | |
| | Empties: | : 0 | | Pickups | | : 3 | | Total Length: | | : 0 feet | |
| EXCEPTIONS | This train is limited to: 40 mph | | | | | | | | | | |
| DYNAMICS | Units rated tractive effort (TE): | | | | | | | | lbs. | | |
| | Maximum required drawbar pull (R): | | | | | | | | lbs. | | |
| ***** | | | | | | | | | | | |
| Pickup new switchlist at: ACT | | | | | | | | | | | |
| ***** | | | | | | | | | | | |

Figure G-1

| ProTrak Demonstrator | | | | | | | | | | | |
|---|------------|---|--------------|---------------|----------------------|----------------------|------|--------|------|----------|-----|
| Switchlist | | | | | | | | | | | |
| Train # :202, Monday, December 16, 1988 | | | | | at: ACT | | | | | | |
| Call Time : 7:00 AM | | | Throttle : 0 | | Next Yard : Berwick | | | | | | |
| Conductor :na | | | | | Origin : Actonvale | | | | | | |
| Clearance#: 16-004 | | | | | Destination: Berwick | | | | | | |
| Engine : Cabin: | | | | | | | | | | | |
| ## | Car Number | E | LG | KND | B# | Consignee | SPOT | NxtLoc | Tons | Contents | Hdg |
| ----- | | | | | | | | | | | |
| CONSIST ON LEAVING YARD | | | | | | | | | | | |
| 0 No cars on leaving yard | | | | | | | | | | | |
| *** Couple cars at 4 mph or less *** | | | | | | | | | | | |
| ----- | | | | | | | | | | | |
| CARS | | Loads : 0 | | Total Cars: 0 | | Total Weight: 0 tons | | | | | |
| | | Empties: 0 | | Pickups : 0 | | Total Length: 0 feet | | | | | |
| ----- | | | | | | | | | | | |
| EXCEPTIONS | | This train is limited to: 50 mph | | | | | | | | | |
| | | *** Movement on other than main tracks must not exceed 15 mph *** | | | | | | | | | |
| ----- | | | | | | | | | | | |
| DYNAMICS | | Units rated tractive effort (TE): | | | | lbs. | | | | | |
| | | Maximum required drawbar pull (R): | | | | lbs. | | | | | |
| ----- | | | | | | | | | | | |
| ***** | | | | | | | | | | | |
| Pickup new switchlist at: Berwick | | | | | | | | | | | |
| ***** | | | | | | | | | | | |

Figure G-2

| ProTrak Demonstrator | | | | | | | | | | | |
|---|------------|------------|---------------|---------------|---------------------------|----------------------|------|--------|------|----------|-----|
| Switchlist | | | | | | | | | | | |
| Train # : CHSL, Monday, December 16, 1988 | | | | | at: Chicago, IL | | | | | | |
| Call Time : 9:00 AM | | | Throttle : 26 | | Next Yard : ACT | | | | | | |
| Conductor : na | | | | | Origin : Chicago, IL | | | | | | |
| Clearance#: 16-003 | | | | | Destination: St Louis, MO | | | | | | |
| Engine : Cabin: | | | | | | | | | | | |
| ## | Car Number | E | LG | KND | B# | Consignee | SPOT | NxtLoc | Tons | Contents | Hdg |
| CONSIST ON LEAVING YARD | | | | | | | | | | | |
| 0 No cars on leaving yard | | | | | | | | | | | |
| *** Couple cars at 4 mph or less *** | | | | | | | | | | | |
| CARS | | Loads : 0 | | Total Cars: 0 | | Total Weight: 0 tons | | | | | |
| | | Empties: 0 | | Pickups : 0 | | Total Length: 0 feet | | | | | |
| EXCEPTIONS This train is limited to: 40 mph | | | | | | | | | | | |
| DYNAMICS Units rated tractive effort (TE): lbs. | | | | | | | | | | | |
| Maximum required drawbar pull (R): lbs. | | | | | | | | | | | |
| ***** | | | | | | | | | | | |
| Pickup new switchlist at: ACT | | | | | | | | | | | |
| ***** | | | | | | | | | | | |

Figure G-3

| ProTrak Demonstrator | | | | | | | | | | |
|---|------------|----|------|-----|-------|----------|--------|----------|-----|--|
| Cut List for SLCH | | | | | | | | | | |
| Yardmaster at: ACT | | | | | | | | | | |
| Todays Date : December 16, 1988 | | | | | | | | | | |
| Line | Car Number | Lg | Kind | Tag | Track | For/Hold | Dest'n | Contents | HDG | |
| Hold cars: Loaded cars not classified to train/block. | | | | | | | | | | |

Figure G-4

| ProTrak Demonstrator | | | | | | |
|-----------------------------------|------|-------------|-----------------|--------|-------------|------------------|
| UPDATE AND WAYBILL LOADING REPORT | | | | | | |
| December 16, 1988 | | | | | | |
| Today is --> Monday | | | | | | |
| Tomorrow is --> Monday | | | | | | |
| Part 1) UNLOADING THE CARS | | | | | | Page: 1 |
| UMLER | Car | AAR | Train /Location | # | Destination | Waybill/Contents |
| 1 | THB | 3667 XM | / | CHI02s | 999-Yd | empty |
| 2 | EBAX | 6008 T103AN | / | ACT-Yd | 999-Yd | empty |
| 3 | WC | 55161 GB | / | CHI02s | 999-Yd | empty |
| 4 | GVSR | 327155 GB | / | ACT-Yd | 999-Yd | empty |
| 5 | MRL | 30004 XM | / | ACT-Yd | 999-Yd | empty |
| 6 | UP | 170509 XM | / | ACT-Yd | 999-Yd | empty |
| 7 | BCIT | 873075 FBC | / | CHI02s | 999-Yd | empty |
| 8 | SSAM | 38710 FBC | / | ACT-Yd | 999-Yd | empty |

Figure G-5⁽¹⁾

¹ Note that this report may show each car on one line (as is the case here) or on two). Which way the report appears depends on the length of some of the individual pieces of data included in the report.

Part 2) ORDERING CARS: ON-LINE CUSTOMERS

Page: 1

| Loaded Car | with Waybill | | | | at Industry | | | |
|-------------------|--------------|----|-------|----------|-------------|---|------------------|--|
| 7 BCIT 873075 FBC | 11 | 21 | empty | for load | 3 | : | Team track | |
| 6 UP 170509 XM | 11 | 23 | empty | for load | 3 | : | Team track | |
| 4 GVSR 327155 GB | 11 | 45 | empty | for load | 3 | : | Team track | |
| 3 WC 55161 GB | 12 | 30 | empty | for load | 7 | : | Wilson & Sons Sc | |
| 5 MRL 30004 XM | 13 | 56 | empty | for load | 8 | : | North Star Eng. | |

Figure G-6

ProTrak Demonstrator

Part 3) CAR-ORDERS NOT FILLED TODAY: December 16, 1988

Page:1

| Customer | Waybill/Loads | Reason | AAR Kind | Capacity Lgth Tons Vol | Grade | Commodity |
|--------------------|---------------|--------|----------------|------------------------|-------|-----------------|
| 8 North Star Eng. | 38 | 1 | No mtys T103AN | 43 | 8100 | chlorine, liqui |
| 3 Team track | 41 | 1 | Kind FM | 30 18 | | tractors |
| 7 Wilson & Sons Sc | 30 | 1 | Kind GB | 52 67 | 750 B | scrap iron |
| 7 Wilson & Sons Sc | 31 | 1 | Kind GB | 52 67 | 750 B | scrap iron |
| 8 North Star Eng. | 38 | 1 | No mtys T103AN | 43 | 8100 | chlorine, liqui |

Number of Car-orders not filled: 5

Figure G-7⁽²⁾

ProTrak Demonstrator

Part 4) Empty cars accepted from connections

Page: 1

Number of cars on track: 2 Chicago, IL, is 3

Number of cars loaded for online customers: 1

Figure G-8

² This report is actually from a later operating session, but is included here to show what the report created as a result selecting "Yes" at the "Print the listing of cars in switching districts?" question (see Figure 9-42)

| Part 5) CAR STATUS FOR TOMORROW: Monday | | | | | | | Page: 1 |
|---|-------------|---------|--------|------|--------------------|--|---------|
| Car Number & AAR Type | Restriction | Locat'n | Dest'n | Way# | Contents | | |
| 1 THB 3667 XM | H | CHSL | CHI02s | | Empty Rule 1 | | |
| 2 EBAX 6008 T103A | H | ACT-Yd | NYC01s | | empty | | |
| 3 WC 55161 GB | | CHSL | CHI02s | | Empty Rule 1 | | |
| 4 GVSR 327155 GB | | ACT-Yd | BER-11 | 31 | empty for load | | |
| 5 MRL 30004 XM | | ACT-Yd | 999-Yd | | Empty Rule 2 stora | | |
| 6 UP 170509 XM | | ACT-Yd | STL03s | 23 | empty for load | | |
| 7 BCIT 873075 FBC | | CHSL | STL03s | 21 | empty for load | | |
| 8 SSAM 38710 FBC | | ACT-Yd | CHI02s | | Empty Rule 1 | | |

Figure G-9

| ProTrak Demonstrator | | | | | | | | | |
|---|-------------|------|--------|-----|-------------------------------|--|--|-------------|--------|
| List of cars at loading SPOTs for Monday, January 5, 1988 | | | | | | | | Session: 28 | |
| ----- | | | | | | | | | |
| Cars at: Berwick | | | | | | | | | |
| ----- | | | | | | | | | |
| UMLER | Car | KIND | SPOT | Hrs | Customer & track | | | Destination | |
| ----- | | | | | | | | | |
| 3 | WC 55161 | GB | BER-11 | 0 | Wilson & Sons Scra scrap iron | | | / | CHIC2s |
| 4 | GSVR 327155 | GB | BER-11 | 0 | Wilson & Sons Scra scrap iron | | | / | CHIC2s |
| ----- | | | | | | | | | |

Figure G-12⁽³⁾

| ProTrak Demonstrator | | | | | | | | | |
|---|-------------|-----|----------|-------------------|----------|--------|--------|--------|--|
| Official Railway Equipment Register: Cars : Active cars by Location | | | | | | | | | |
| December 16, 1988 | | | | | | | | | |
| UMLER | Car | AAR | Ld | Contents/Waybill# | Location | Next | Dest'n | | |
| # | | ft | Kn | Lmt | hrs | | | | |
| ----- | | | | | | | | | |
| 2 | EBAX 6008 | 45 | T103AN60 | empty | 0 | ACT-Yd | 999-Yd | NYC01s | |
| 4 | GVSR 327155 | 57 | GB | empty for lo | 45 | ACT-Yd | FST-14 | FST-14 | |
| 5 | MRL 30004 | 55 | XM | empty for lo | 56 | ACT-Yd | CHIC2s | CHIC2s | |
| 6 | UP 170509 | 55 | XM | empty for lo | 23 | ACT-Yd | STL03s | STL03s | |
| 8 | SSAM 38710 | 80 | FBC | Empty Rule 1 | 0 | ACT-Yd | CHI02s | CHI02s | |
| 1 | THB 3667 | 44 | XM | Empty Rule 1 | 0 | CHSL | ACT-Yd | CHI02s | |
| 3 | WC 55161 | 57 | GB | empty for lo | 30 | CHSL | ACT-Yd | BER-11 | |
| 7 | BCIT 873075 | 80 | FBC | empty for lo | 21 | CHSL | STL03s | STL03s | |
| ----- | | | | | | | | | |

Figure G-13

Session 27

| | | | |
|------------|----------------------------------|-------------|----------------|
| Train # | :SLCH, Monday, December 18, 1988 | at: | St Louis, MO |
| Call Time | : 1:01 AM | Throttle | : 12 |
| Conductor | :na | Next Yard | : ACT |
| Clearance# | : 18-001 | Origin | : St Louis, MO |
| Engine | : Cabin: | Destination | : Chicago, IL |

| ## | Car Number | E LG KND | B# | Consignee | SPOT | NxtLoc | Tons | Contents | Hdg |
|----|------------|----------|----|-----------|------|--------|------|----------|-----|
|----|------------|----------|----|-----------|------|--------|------|----------|-----|

CONSIST ON LEAVING YARD
 0 No cars on leaving yard

CARS FOR PICKUP
 1 SSAM 38710 E 80 FBC 6 AgentBN ACT-Yd CHI02s 28 mty

***** Couple cars at 4 mph or less *****

| | | | | | | |
|-------------|---------|-----|------------|-----|--------------|----------|
| CARS | Loads | : 0 | Total Cars | : 0 | Total Weight | : 0 tons |
| | Empties | : 0 | Pickups | : 1 | Total Length | : 0 feet |

EXCEPTIONS This train is limited to: 40 mph

DYNAMICS Units rated tractive effort (TE): lbs.
 Maximum required drawbar pull (R): lbs.

 Pickup new switchlist at: ACT

Figure G-14

ProTrak Demonstrator

Switchlist

Train # :202, Monday, December 18, 1988 at: ACT
 Call Time : 7:00 AM Throttle : 0 Next Yard : Berwick
 Conductor :na Origin : Actonvale
 Clearance#: 18-002 Destination: Berwick
 Engine : Cabin:

| ## | Car Number | E | LG | KND | B# | Consignee | SPOT | NxtLoc | Tons | Contents | Hdg |
|----|------------|---|----|-----|----|-----------|------|--------|------|----------|-----|
|----|------------|---|----|-----|----|-----------|------|--------|------|----------|-----|

CONSIST ON LEAVING YARD
 0 No cars on leaving yard

***** Couple cars at 4 mph or less *****

CARS Loads : 0 Total Cars: 0 Total Weight: 0 tons
 Empties: 0 Pickups : 0 Total Length: 0 feet

EXCEPTIONS This train is limited to: 50 mph
***** Movement on other than main tracks must not exceed 15 mph *****

DYNAMICS Units rated tractive effort (TE): lbs.
 Maximum required drawbar pull (R): lbs.

 Pickup new switchlist at: Berwick

Figure G-15

| ProTrak Demonstrator | | | | | | | | | | |
|--------------------------------------|---|------|-------------|----|----------------|-----------------|--------|----------------|----------|-----|
| Switchlist | | | | | | | | | | |
| Train # | :CHSL, Monday, December 18, 1988 | | | | | at: Chicago, IL | | | | |
| Call Time | : 9:00 AM | | Throttle | | : 26 | Next Yard | | : ACT | | |
| Conductor | :na | | | | | Origin | | : Chicago, IL | | |
| Clearance# | : 18-003 | | | | | Destination | | : St Louis, MO | | |
| Engine | : Cabin: | | | | | | | | | |
| ## | Car Number | E LG | KND | B# | Consignee | SPOT | NxtLoc | Tons | Contents | Hdg |
| ----- | | | | | | | | | | |
| CONSIST ON LEAVING YARD | | | | | | | | | | |
| 1 | THB 3667 | E 44 | XM | 6 | PROagent | CHSL | ACT-Yd | 28 | mty | |
| 1 | *** Plain Bearing *** | | | | | | | | | |
| 2 | WC 55161 | E 57 | GB | 6 | Wilson&SonsScr | CHSL | ACT-Yd | 28 | mty | |
| 3 | BCIT 873075 | E 80 | FBC S03 | | SimpsonTimberC | CHSL | STL03s | 28 | mty | |
| CARS FOR PICKUP | | | | | | | | | | |
| 4 | UP 170509 | E 55 | XM | 6 | ACTYard | ACT-Yd | STL03s | 28 | mty | |
| ----- | | | | | | | | | | |
| *** Couple cars at 4 mph or less *** | | | | | | | | | | |
| ----- | | | | | | | | | | |
| CARS | Loads : 0 | | Total Cars: | | 3 | Total Weight: | | 84 tons | | |
| | Empties: 3 | | Pickups : | | 1 | Total Length: | | 181 feet | | |
| ----- | | | | | | | | | | |
| EXCEPTIONS | Average weight/car: 28.2 tons. Tons/operative brake: 28.2 | | | | | | | | | |
| | This train is limited to: 40 mph | | | | | | | | | |
| ----- | | | | | | | | | | |
| DYNAMICS | Units rated tractive effort (TE): | | | | | lbs. | | | | |
| | Maximum required drawbar pull (R): | | | | | 19,496 lbs. | | | | |
| ----- | | | | | | | | | | |
| ***** | | | | | | | | | | |
| Pickup new switchlist at: ACT | | | | | | | | | | |
| ***** | | | | | | | | | | |

Figure G-16

| ProTrak Demonstrator | | | | | | | | | | |
|---|-------------|----|------|-----|-------------------|----------|--------|--------------|-----|--|
| Cut List for CHSL | | | | | | | | | | |
| Yardmaster at: ACT | | | | | | | | | | |
| Todays Date : December 18, 1988 | | | | | | | | | | |
| Line | Car Number | Lg | Kind | Tag | Track | For/Hold | Dest'n | Contents | HDG | |
| ----- | | | | | | | | | | |
| 1 | THB 3667 | 44 | XM | | Classify >: 1 | SLCH | CHI02s | empty rule 1 | BRG | |
| 2 | WC 55161 | 57 | GB | | Classify >: 2 | 202 | BER-11 | mty for load | | |
| 3 | BCIT 873075 | 80 | FBC | | CHSL: <- in train | | STL03s | mty for load | | |
| ----- | | | | | | | | | | |
| Hold cars: Loaded cars not classified to train/block. | | | | | | | | | | |
| ----- | | | | | | | | | | |

Figure G-17

| ProTrak Demonstrator | | | | | | | | | |
|---|-----------------|-------|-----------|-----------|------------------|---------|--------|-----------|--|
| Waybilled cars that could not be delivered | | | | | | | | | |
| On: Monday, September 25, 1988 | | | | | Session: 26 | | | | |
| UMLER | Car at Location | | Consignee | | | Waybill | Siding | Reason | |
| 3 | WC | 55161 | ACT-Yd | Hagersv'l | Scra Hagersville | 45 | FST-14 | No ConXns | |
| Total number of cars that could not be delivered today was: 1 | | | | | | | | | |

Figure G-18

Session 28

| ProTrak Demonstrator | | | | | | | |
|---|-----------------|-----------|----------------|-------------|--------|--------|-----------|
| Waybilled cars that could not be delivered | | | | | | | |
| On: Monday, December 21, 1988 | | | | Session: 28 | | | |
| UMLER | Car at Location | Consignee | | Waybill | Siding | Reason | |
| 7 | BCIT 873075 | ACT-Yd | North Star Eng | Berwick | 21 | BER-10 | Curvature |
| Total number of cars that could not be delivered today was: 1 | | | | | | | |

Figure G-19

Session 29

| ProTrak Demonstrator | | | | | | | | | |
|--------------------------------------|---|----------|------------|----------------|--------------|------------------|------|------------------|-----|
| Switchlist | | | | | | | | | |
| Train # | :SLCH, Monday, December 22, 1988 | | | | | at: St Louis, MO | | | |
| Call Time | : 1:01 AM | Throttle | : 12 | Next Yard | : ACT | | | | |
| Conductor | :na | | | | Origin | : St Louis, MO | | | |
| Clearance# | : 22-001 | | | | Destination | : Chicago, IL | | | |
| Engine | : Cabin: | | | | | | | | |
| ----- | | | | | | | | | |
| ## | Car Number | E LG KND | B# | Consignee | SPOT | NxtLoc | Tons | Contents | Hdg |
| ----- | | | | | | | | | |
| CONSIST ON LEAVING YARD | | | | | | | | | |
| 1 | SSAM 38710 | L 80 FBC | 6 | NorthStarEng.L | SLCH | ACT-Yd | 91 | dimensional lumb | |
| *** Couple cars at 4 mph or less *** | | | | | | | | | |
| ----- | | | | | | | | | |
| CARS | Loads | : 1 | Total Cars | : 1 | Total Weight | : 91 tons | | | |
| | Empties | : 0 | Pickups | : 0 | Total Length | : 80 feet | | | |
| ----- | | | | | | | | | |
| EXCEPTIONS | Average weight/car: 91.2 tons. Tons/operative brake: 91.2 | | | | | | | | |
| | This train is limited to: 40 mph | | | | | | | | |
| ----- | | | | | | | | | |
| DYNAMICS | Units rated tractive effort (TE): | | | | | | lbs. | | |
| | Maximum required drawbar pull (R): | | | | 6,239 | | lbs. | | |
| ----- | | | | | | | | | |
| ***** | | | | | | | | | |
| Pickup new switchlist at: ACT | | | | | | | | | |
| ***** | | | | | | | | | |

Figure G-20

| ProTrak Demonstrator | | | | | | | | | | | |
|---|---|-----|----------|------------|-----|----------------|--------------|------------|------|------------------|-----|
| Switchlist | | | | | | | | | | | |
| Train # | :202, Monday, December 22, 1988 | | | | | at: | ACT | | | | |
| Call Time | : 7:00 AM | | Throttle | : 0 | | Next Yard | : Berwick | | | | |
| Conductor | :na | | | | | Origin | : Actonvale | | | | |
| Clearance# | : 22-002 | | | | | Destination | : Berwick | | | | |
| Engine | : Cabin: | | | | | | | | | | |
| ## | Car Number | E | LG | KND | B# | Consignee | SPOT | NxtLoc | Tons | Contents | Hdg |
| CONSIST ON LEAVING YARD | | | | | | | | | | | |
| 1 | GVSR 327155 | E | 57 | GB | 7 | Wilson&SonsScr | --> | BER-11 | 28 | mty | |
| 2 | UP 170509 | L | 55 | XM | 8 | NorthStarEng.L | --> | BER-10 | 91 | plywood | |
| 3 | BCIT 873075 | L | 80 | FBC | 8 | NorthStarEng.L | --> | BER-10 | 91 | dimensional lumb | |
| CARS FOR PICKUP | | | | | | | | | | | |
| 4 | WC 55161 | L | 57 | GB | 7 | Wilson&SonsScr | BER-11 | ACT-Yd | 95 | scrap iron | |
| *** Couple cars at 4 mph or less *** | | | | | | | | | | | |
| CARS | Loads | : 2 | | Total Cars | : 3 | | Total Weight | : 210 tons | | | |
| | Empties | : 1 | | Pickups | : 1 | | Total Length | : 192 feet | | | |
| EXCEPTIONS | Average weight/car: 70.2 tons. Tons/operative brake: 70.2 This train is limited to: 50 mph *** Movement on other than main tracks must not exceed 15 mph *** | | | | | | | | | | |
| DYNAMICS | Units rated tractive effort (TE): lbs. Maximum required drawbar pull (R): 9,358 lbs. | | | | | | | | | | |
| ***** | | | | | | | | | | | |
| Pickup new switchlist at: Berwick | | | | | | | | | | | |
| ***** | | | | | | | | | | | |

Figure G-21

| ProTrak Demonstrator | | | | | | | | | | | |
|--|---|-----|----------|-------------|------|---------------------------|------|---------------|------|----------|-----|
| Switchlist | | | | | | | | | | | |
| Train # | :CHSL, Monday, December 22, 1988 | | | | | at: Chicago, IL | | | | | |
| Call Time | : 9:00 AM | | Throttle | | : 26 | Next Yard | | : ACT | | | |
| Conductor | :na | | | | | Origin | | : Chicago, IL | | | |
| Clearance# | : 22-003 | | | | | Destination: St Louis, MO | | | | | |
| Engine | : Cabin: | | | | | | | | | | |
| ----- | | | | | | | | | | | |
| ## | Car Number | E | LG | KND | B# | Consignee | SPOT | NxtLoc | Tons | Contents | Hdg |
| ----- | | | | | | | | | | | |
| CONSIST ON LEAVING YARD | | | | | | | | | | | |
| 1 | THB 3667 | E | 44 | XM | 6 | PROagent | CHSL | ACT-Yd | 28 | mty | |
| 1 | *** Plain Bearing *** | | | | | | | | | | |
| CARS FOR PICKUP | | | | | | | | | | | |
| 2 | MRL 30004 | E | 55 | XM | 6 | ACTYard | | ACT-Yd STL03s | 28 | mty | |
| <p style="text-align: center;">*** Couple cars at 4 mph or less ***</p> | | | | | | | | | | | |
| ----- | | | | | | | | | | | |
| CARS | Loads | : 0 | | Total Cars: | | 1 | | Total Weight: | | 28 tons | |
| | Empties: | 1 | | Pickups | | : 1 | | Total Length: | | 44 feet | |
| ----- | | | | | | | | | | | |
| EXCEPTIONS | Average weight/car: 28.2 tons. Tons/operative brake: 28.2 | | | | | | | | | | |
| | This train is limited to: 40 mph | | | | | | | | | | |
| ----- | | | | | | | | | | | |
| DYNAMICS | Units rated tractive effort (TE): | | | | | | | lbs. | | | |
| | Maximum required drawbar pull (R): | | | | | 7,019 | | lbs. | | | |
| ----- | | | | | | | | | | | |
| ***** | | | | | | | | | | | |
| Pickup new switchlist at: ACT | | | | | | | | | | | |
| ***** | | | | | | | | | | | |

Figure G-22

| ProTrak Demonstrator | | | | | | | | | | | |
|--------------------------------------|---|------|----------|------------|-----|--------------|----------------|-----------|------|----------|-----|
| Switchlist | | | | | | | | | | | |
| Train # | :SLCH, Monday, December 22, 1988 | | | | | at: | ACT | | | | |
| Call Time | :12:01 AM | | Throttle | : 12 | | Next Yard | : Chicago, IL | | | | |
| Conductor | :na | | | | | Origin | : St Louis, MO | | | | |
| Clearance# | : 22-001 | | | | | Destination | : Chicago, IL | | | | |
| Engine | : Cabin: | | | | | | | | | | |
| ----- | | | | | | | | | | | |
| ## | Car Number | E | LG | KND | B# | Consignee | SPOT | NxtLoc | Tons | Contents | Hdg |
| ----- | | | | | | | | | | | |
| CONSIST ON LEAVING YARD | | | | | | | | | | | |
| 1 | THB | 3667 | E | 44 | XM | S02 PROagent | SLCH | CHI02s | 28 | mty | |
| 1 | *** Plain Bearing *** | | | | | | | | | | |
| ----- | | | | | | | | | | | |
| *** Couple cars at 4 mph or less *** | | | | | | | | | | | |
| ----- | | | | | | | | | | | |
| CARS | Loads | : 0 | | Total Cars | : 1 | | Total Weight | : 28 tons | | | |
| | Empties | : 1 | | Pickups | : 0 | | Total Length | : 44 feet | | | |
| ----- | | | | | | | | | | | |
| EXCEPTIONS | Average weight/car: 28.2 tons. Tons/operative brake: 28.2 | | | | | | | | | | |
| | This train is limited to: 40 mph | | | | | | | | | | |
| ----- | | | | | | | | | | | |
| DYNAMICS | Units rated tractive effort (TE): | | | | | lbs. | | | | | |
| | Maximum required drawbar pull (R): | | | | | 3,509 lbs. | | | | | |
| ----- | | | | | | | | | | | |

Figure G-23

| ProTrak Demonstrator | | | | | | | | | | | |
|--------------------------------------|---|----------|-----|------------|-----|-------------|--------------|-----------|------|------------|-----|
| Switchlist | | | | | | | | | | | |
| Train # | :202, Monday, December 22, 1988 | | | | | at: Berwick | | | | | |
| Call Time | :12:01 AM | Throttle | : 0 | | | Next Yard | : ACT | | | | |
| Conductor | :na | | | | | Origin | : Actonvale | | | | |
| Clearance# | : 22-002 | | | | | Destination | : Berwick | | | | |
| Engine | : Cabin: | | | | | | | | | | |
| ## | Car Number | E | LG | KND | B# | Consignee | SPOT | NxtLoc | Tons | Contents | Hdg |
| CONSIST ON LEAVING YARD | | | | | | | | | | | |
| 1 | WC | 55161 | L | 57 | GB | 6 LTVSteel | 202 | ACT-Yd | 95 | scrap iron | |
| *** Couple cars at 4 mph or less *** | | | | | | | | | | | |
| ----- | | | | | | | | | | | |
| CARS | Loads | : 1 | | Total Cars | : 1 | | Total Weight | : 95 tons | | | |
| | Empties | : 0 | | Pickups | : 0 | | Total Length | : 57 feet | | | |
| ----- | | | | | | | | | | | |
| EXCEPTIONS | Average weight/car: 95.2 tons. Tons/operative brake: 95.2 | | | | | | | | | | |
| | This train is limited to: 50 mph | | | | | | | | | | |
| | *** Movement on other than main tracks must not exceed 15 mph *** | | | | | | | | | | |
| ----- | | | | | | | | | | | |
| DYNAMICS | Units rated tractive effort (TE): | | | | | lbs. | | | | | |
| | Maximum required drawbar pull (R): | | | | | 6,239 lbs. | | | | | |
| ----- | | | | | | | | | | | |

Figure G-24

| ProTrak Demonstrator | | | | | | | | | | | |
|--------------------------------------|---|----------|------|------------|-----|--------------------|----------------|-----------|------|----------|-----|
| Switchlist | | | | | | | | | | | |
| Train # | :CHSL, Monday, December 22, 1988 | | | | | at: ACT | | | | | |
| Call Time | :12:01 AM | Throttle | : 26 | | | Next Yard | : St Louis, MO | | | | |
| Conductor | :na | | | | | Origin | : Chicago, IL | | | | |
| Clearance# | : 22-003 | | | | | Destination | : St Louis, MO | | | | |
| Engine | : Cabin: | | | | | | | | | | |
| ## | Car Number | E | LG | KND | B# | Consignee | SPOT | NxtLoc | Tons | Contents | Hdg |
| CONSIST ON LEAVING YARD | | | | | | | | | | | |
| 1 | MRL | 30004 | E | 55 | XM | S03 GeorgiaPacific | CHSL | STL03s | 28 | mty | |
| *** Couple cars at 4 mph or less *** | | | | | | | | | | | |
| ----- | | | | | | | | | | | |
| CARS | Loads | : 0 | | Total Cars | : 1 | | Total Weight | : 28 tons | | | |
| | Empties | : 1 | | Pickups | : 0 | | Total Length | : 55 feet | | | |
| ----- | | | | | | | | | | | |
| EXCEPTIONS | Average weight/car: 28.2 tons. Tons/operative brake: 28.2 | | | | | | | | | | |
| | This train is limited to: 40 mph | | | | | | | | | | |
| ----- | | | | | | | | | | | |
| DYNAMICS | Units rated tractive effort (TE): | | | | | lbs. | | | | | |
| | Maximum required drawbar pull (R): | | | | | 3,119 lbs. | | | | | |
| ----- | | | | | | | | | | | |

Figure G-25

| ProTrak Demonstrator | | | | | | | | | | |
|---|------|-------------|-----------|----------------|-------------|--------|--------|-----------|--|--|
| Waybilled cars that could not be delivered | | | | | | | | | | |
| On: Monday, December 22, 1988 | | | | | Session: 29 | | | | | |
| UMLER | Car | at Location | Consignee | Waybill | Siding | Reason | | | | |
| 8 | SSAM | 38710 | ACT-Yd | North Star Eng | Berwick | 21 | BER-10 | No Length | | |
| 3 | WC | 55161 | ACT-Yd | LTV Steel | Henepin, IL | 30 | CHI02s | Extra Car | | |
| Total number of cars that could not be delivered today was: 2 | | | | | | | | | | |

Figure G-26

| Part 5) CAR STATUS FOR TOMORROW: Monday | | | | | | | | | |
|---|------------------|--------|-------------|---------|--------|--------|--------------|------------------|---------|
| | | | | | | | | | Page: 1 |
| | Car Number & AAR | Type | Restriction | Locat'n | Dest'n | Way# | Contents | | |
| 1 | THB | 3667 | XM | H | CHSL | CHI02s | Empty Rule 1 | | |
| 2 | EBAX | 6008 | T103A | H | ACT-Yd | NYC01s | mty | | |
| 3 | WC | 55161 | GB | | ACT-Yd | CHI02s | 30 | scrap iron | |
| 4 | GVSR | 327155 | GB | | BER-11 | CHI02s | 30 | scrap iron | |
| 5 | MRL | 30004 | XM | | SLCH | BER-10 | 23 | plywood | |
| 6 | UP | 170509 | XM | | BER-10 | STL03s | 23 | empty for load | |
| 7 | BCIT | 873075 | FBC | | BER-10 | STL03s | 21 | empty for load | |
| 8 | SSAM | 38710 | FBC | | ACT-Yd | BER-10 | 21 | dimensional lumb | |

Figure G-27

| ProTrak Demonstrator | | | | | | | | | | | |
|--|---------------|----|--------|----------|------------------------|----|----|-------|-----------|--------|------------|
| Part 3) CAR-ORDERS NOT FILLED TODAY: December 22, 1988 | | | | | | | | | | Page:1 | |
| Customer | Waybill/Loads | | Reason | AAR Kind | Capacity Lgth Tons Vol | | | Grade | Commodity | | |
| 7 | Wilson & Sons | Sc | 30 | 2 | Kind | GB | 52 | 67 | 750 | B | scrap iron |
| 7 | Wilson & Sons | Sc | 31 | 1 | Kind | GB | 52 | 67 | 750 | B | scrap iron |
| Number of Car-orders not filled: 3 | | | | | | | | | | | |

Figure G-28

| ProTrak Demonstrator | | | | | | | | | | | | |
|---|-------------|------|--------|-----|--------------------|--|--|--|-------------|-------------|--------|--|
| List of cars at loading SPOTs for Monday, December 22, 1988 | | | | | | | | | | Session: 29 | | |
| ----- | | | | | | | | | | | | |
| Cars at: Berwick | | | | | | | | | | | | |
| ----- | | | | | | | | | | | | |
| UMLER | Car | KIND | SPOT | Age | Customer & track | | | | Destination | | | |
| 4 | GVSR 327155 | GB | BER-11 | 0 | Wilson & Sons Scra | | | | scrap iron | / | CHI02s | |
| 6 | UP 170509 | XM | BER-10 | 0 | North Star Eng. Lm | | | | STL03s | | | |
| 7 | BCIT 873075 | FBC | BER-10 | 0 | North Star Eng. Lm | | | | STL03s | | | |
| ----- | | | | | | | | | | | | |

Figure G-29

| ProTrak Demonstrator | | | | | | | | | | |
|---|-------------|----|----------|-----|-------------------|-----|----------|--------|--------|--|
| Official Railway Equipment Register: Cars : Active cars by Location | | | | | | | | | | |
| December 22, 1988 | | | | | | | | | | |
| UMLER | Car | | AAR | Ld | Contents/Waybill# | | Location | Next | Dest'n | |
| # | | ft | Knd | Lmt | | hrs | | | | |
| 8 | SSAM 38710 | 80 | FBC | 82 | dimensional | 21 | 202 | BER-10 | BER-10 | |
| 2 | EBAX 6008 | 45 | T103AN60 | | mty | 0 | ACT-Yd | 999-Yd | NYC01s | |
| 3 | WC 55161 | 57 | GB | 82 | scrap iron | 30 | ACT-Yd | CHI02s | CHI02s | |
| 6 | UP 170509 | 55 | XM | 82 | empty for lo | 23 | BER-10 | ACT-Yd | STL03s | |
| 7 | BCIT 873075 | 80 | FBC | 82 | empty for lo | 21 | BER-10 | ACT-Yd | STL03s | |
| 4 | GVSR 327155 | 57 | GB | 82 | scrap iron | 30 | BER-11 | ACT-Yd | CHI02s | |
| 1 | THB 3667 | 44 | XM | 82 | Empty Rule 1 | 0 | CHSL | ACT-Yd | CHI02s | |
| 5 | MRL 30004 | 55 | XM | 82 | plywood | 23 | SLCH | ACT-Yd | BER-10 | |

Figure G-30

| ProTrak Demonstrator | | | | | | | | | | |
|---|---------------------------------|-----------------|----------------|---------|--------------|---------------------------|--------|--------|--|--|
| Conductors Passenger Service Report | | | | | | | | | | |
| Train # | :100, Monday, February 22, 1988 | | | | | at: Castle Rock | | | | |
| Call Time | : 7:00 AM | | Throttle #: 0 | | | Nxt Station: St Louis, MO | | | | |
| Conductor | :na | | | | | Origin : Castle Rock | | | | |
| Clearance# | : 22-001 | | # of Orders: 0 | | | Destination: St Louis, MO | | | | |
| Engine | : Cabin: | | | | | | | | | |
| Station | Arrival | Departure | PAX On | PAX Off | PAX On-board | | | | | |
| 1 Castle Rock | | 7:00 AM | 5 | 2 | 6 | | | | | |
| 2 Berwick | 7:01 AM | 7:03 AM | 4 | 4 | 6 | | | | | |
| 3 Actonvale | 7:04 AM | 7:09 AM | 4 | 4 | 6 | | | | | |
| 4 West Staging | 7:13 AM | 5:30 PM | | | 6 | | | | | |
| 5 Actonvale | 5:31 PM | 5:36 PM | 4 | 4 | 6 | | | | | |
| 6 Berwick | 5:37 PM | 5:39 PM | 4 | 4 | 6 | | | | | |
| 7 next station | 5:40 PM | | | | 6 | | | | | |
| ----- | | | | | | | | | | |
| Total PAX boarding : 21 | | | | | | | | | | |
| Total PAX de-boarding : 18 | | | | | | | | | | |
| PAX on-board at terminal: 6 | | | | | | | | | | |
| ----- | | | | | | | | | | |
| Consist | | | | | | | | | | |
| ## | Car Number | Name | LG | KND | Blk | SPOT | NxtLoc | SPOT | | |
| 1 | PRO 10013 | Lake Woebegone | PAX | 85 | P | 18 100 | CAS-40 | CAS-40 | | |
| 2 | PRO 10109 | Lake Lostmyway | PAX | 85 | P | 18 100 | CAS-40 | CAS-40 | | |
| 3 | PRO 10092 | Lake Wherearewe | PAX | 85 | P | 18 100 | CAS-40 | CAS-40 | | |
| ----- | | | | | | | | | | |
| Total weight 180 tons Total length 255 feet | | | | | | | | | | |
| ----- | | | | | | | | | | |

Figure G-31

| ProTrak Demonstrator | | | | | | |
|------------------------------|-------------------|---------------------|-------------|-------------------------|-------|--|
| Schedule for: #100/101 | | | | | | |
| On Monday, February 22, 1988 | | | | | | |
| Station | Arrival (min:sec) | Departure (min:sec) | Speed (mph) | Speed Limits (mph) Zone | Train | |
| 1 Castle Rock | | 7:00 AM | | | | |
| 2 Berwick | 7:01 AM | 7:03 AM | 30 | 30 | 40 | |
| 3 Actonvale | 7:04 AM | 7:09 AM | 30 | 30 | 40 | |
| 4 West Staging | 7:13 AM | 5:30 PM | 30 | 30 | 40 | |
| 5 Actonvale | 5:31 PM | 5:36 PM | 30 | 30 | 40 | |
| 6 Berwick | 5:37 PM | 5:39 PM | 30 | 30 | 40 | |
| 7 next station | 5:40 PM | | 30 | 30 | 40 | |
| ----- | | | | | | |

Figure G-32

| ProTrak Demonstrator | | | | | | | | | |
|-------------------------------------|---------------------------------|-----------------|----------------|---------|----------------------------------|--------|--------|--------|--|
| Conductors Passenger Service Report | | | | | | | | | |
| Train # | :100, Monday, February 22, 1988 | | | | at: Castle Rock | | | | |
| Call Time | : 7:30 AM | | Throttle #: 0 | | Nxt Station: Actonvale | | | | |
| Conductor | :na | | | | Origin : Castle Rock | | | | |
| Clearance# | : 22-002 | | # of Orders: 0 | | Destination: St Louis, MO | | | | |
| Engine | : Cabin: | | | | | | | | |
| Station | Arrival | Departure | PAX On | PAX Off | PAX On-board | | | | |
| 1 Castle Rock | | 7:30 AM | 5 | 2 | 6 | | | | |
| 2 Berwick | 7:31 AM | 7:33 AM | 4 | 4 | 6 | | | | |
| 3 Actonvale | 7:34 AM | 7:39 AM | 4 | 4 | 6 | | | | |
| 4 West Staging | 7:43 AM | 5:30 PM | | | 6 | | | | |
| 5 Actonvale | 5:31 PM | 5:36 PM | 4 | 4 | 6 | | | | |
| 6 Berwick | 5:37 PM | 5:39 PM | 4 | 4 | 6 | | | | |
| 7 Castle Rock | 5:40 PM | | 4 | 4 | 6 | | | | |
| ----- | | | | | | | | | |
| Total PAX boarding : 25 | | | | | | | | | |
| Total PAX de-boarding : 22 | | | | | | | | | |
| PAX on-board at terminal: 6 | | | | | | | | | |
| ----- | | | | | | | | | |
| Consist | | | | | | | | | |
| ## | Car Number | Name | LG | KND | Blk | SPOT | NxtLoc | SPOT | |
| 1 | PRO 10013 | Lake Woebegone | PAX | 85 | P | 18 100 | CAS-40 | CAS-40 | |
| 2 | PRO 10109 | Lake Lostmyway | PAX | 85 | P | 18 100 | CAS-40 | CAS-40 | |
| 3 | PRO 10092 | Lake Wherearewe | PAX | 85 | P | 18 100 | CAS-40 | CAS-40 | |
| ----- | | | | | | | | | |
| Total weight 180 tons | | | | | Total length 255 feet | | | | |
| ----- | | | | | | | | | |

Figure G-33