

Southern Tier Study Guide

This study guide contains helpful information for those conductors who will be recertifying or initially certifying on the Southern Tier.

The Southern Tier exam is divided into four sections:

Section A - Hoboken to West End

Section B – West End to Ridgewood Jct. (Main)

Section D – Ridgewood Jct. to Suffern

Section E – (Southern Tier) SF – Port Jervis

A LARGE PART OF THIS TEST ARE MAIN TRACK RULES IN EFFECT AND THE STATION PAGE.

This Study Guide took the UTU Local 60 Study Guide and compiled all the info from the books to a full Study Guide of what is on the exam from the Rules Department.

1) SECTION A – Hoboken Terminal to West End

| MP | STATION | INT | PS | ADA |
|-----|-------------------------------|-----|----|-----|
| 0.0 | Hoboken | | X | X |
| 0.1 | Terminal (Note 3) | X | | |
| 0.7 | East End (Note 3) | X | | |
| 2.2 | West End (ML) (Note 3) | X | | |

2) Main Track Rules

| RULES | LOCATION | TRACK |
|--------------------|------------------------------|-----------------|
| INT, CSS | Train Shed Tracks in Hoboken | 1-17 |
| ABS, 261, CSS, PTC | Terminal & East End (Note 2) | 3,1,2,4,6 & 122 |
| ABS, 261, CSS, PTC | East End & Harrison | 3, 1 & 2 |

3) Maximum Speeds

| BETWEEN OR AT | ALL TRACKS |
|---|--------------|
| Depot Tracks and Eastward Home signals at Terminal | 15/10 |
| Eastward Home signals at Terminal and Eastward Home signals at East End | 30/10 |
| Eastward Home signal at East End and West End Lower Hack Interlocking limits **Except West End Wye** | 30/15 5/5 |

- 4) The direction from Hoboken to West End is East to West.
- 5) Terminal Dispatcher controls Hoboken Terminal to Lower Hack.
- 6) Bergen Tunnel maximum authorized speeds are 30mph.
- 7) Automatic signals in the Bergen Tunnel are read as High Signal Aspects.
- 8) Depot Tracks 1 and 14 can be accessed on both sides of the platform.
- 9) Hoboken Terminal is 25KV.
- 10) 3 Coaches and an Engine can fit on 1 Depot.
- 11) Main track 122 is NOT WIRED. Tracks 4 and 6 Main ARE.
- 12) Tracks 12 and 13 are the ONLY Tracks that can access 1 Main and 4 Main in Terminal at East End.
- 13) Days Yard is Restricted Speed NOT exceeding 5mph.
- 14) The Stub/Tail Track is located South of 4 Main.
- 15) The Hill yard is located between 2 Main and 4 Main. The Days Yard is located North of the E Route. The Pullman Yard is located South of 122, 6 Main, 4 Main.

1) Section B – West End to Ridgewood Jct. (Main)

| MP | STATION | INT | PS | ADA |
|------|-------------------------------|-----|----|-----|
| 2.2 | West End (R-Terminal)(ME) | X | | |
| 3.6 | Secaucus | | X | X |
| 4.3 | Laurel (BC) | X | | |
| 5.0 | W. Secaucus (Moveable Bridge) | X | | |
| 7.6 | Kingsland | | X | |
| 8.2 | Lyndhurst | | X | |
| 9.3 | Delawanna | | X | |
| 10.6 | Passaic | | X | |
| 11.1 | Mill | X | | |
| 12.2 | Clifton | | X | |
| 15.6 | Patterson | | X | X |
| 17.5 | Suscon (NYS & W) | X | | |
| 17.7 | Hawthorne | | X | |
| 19.4 | Glen Rock | | X | |
| 20.3 | Ridgewood Jct. (BC) | X | | |

2) Main Track Rules

| RULES | LOCATION | TRACKS |
|--------------------|-------------------------|-------------|
| ABS, 261, CSS, PTC | West End & Laurel | 3, 1, 2 & 4 |
| ABS, 261, CSS, PTC | Laurel & Ridgewood Jct. | 1 & 2 |

****HINT: PTC IS IN EFFECT ON ALL OF OUR TERRITORY****

3) Maximum Speed

| BETWEEN OR AT | TRK 3 | TRK 1 | TRK 2 | TRK 4 |
|-------------------------------|-------|-------|-------|-------|
| MP 2.2 & Western Limits of WC | 60/30 | 60/30 | 60/30 | 60/30 |

- 4) The following speed restrictions at these locations are:
MP 5.0 is 45
MP 7.8 & MP 8.0 is 55
MP 14.9 & MP 15.1 is 30
MP 17.4 & MP 17.6 is 50.
- 5) Rule 91-1 is in effect at Hawthorne (east) & Ridgewood (east).
- 6) The Hot Box Detector is located at MP 12.9, Clifton, tracks 1 & 2 in both directions SI 72-4.
- 7) Patterson and Ridgewood are Island Platforms.

1) Section D – Ridgewood Jct. to Suffern

| MP | STATION | INT | PS | ADA |
|-------------|----------------------------|----------|----|-----|
| 20.3 | Ridgewood Jct. (BC) | X | | |
| 20.9 | Ridgewood | | X | X |
| 21.5 | Camerons (CP) | | | |
| 22.1 | Ho-Ho-Kus | | X | |
| 23.4 | Waldwick | | X | |
| 23.6 | WC | X | | |
| 24.7 | Allendale | | X | |
| 26.6 | Ramsey | | X | X |
| 27.9 | Route 17 | | X | X |
| 29.3 | Mahwah | | X | |
| 30.1 | NJ-NY State Line | | | |
| 30.5 | SF | X | | |
| 30.5 | Suffern | | X | |
| 31.3 | Division Post (MNR) | | | |

2) Main Track Rules

| RULES | LOCATION | TRACKS |
|--------------------|---------------------|----------|
| ABS, 261, CSS, PTC | Ridgewood Jct. & WC | 3, 1 & 2 |
| ABS, 261, CSS, PTC | WC & SF | 1 & 2 |

3) Maximum Speeds

| BETWEEN OR AT | TRK 3 | TRK 1 | TRK 2 | TRK 4 |
|--|-------|-------|-------|-------|
| MP 2.2 & Western Limits of WC | 60/30 | 60/30 | 60/30 | 60/30 |
| Western Limits of WC & Division Post MP 31.3 | | 70/40 | 70/40 | |

- 4) The speed restrictions at MP 26.6 & MP 23.2 is 40.
- 5) Movements on the Rockland Runner are made restricted speed, not exceeding 10MPH.
- 6) The speed in Waldwick Yard is Restricted speed, not exceeding 10MPH.
- 7) Eastward trains at Ridgewood Jct. can proceed on Cab Speed Indication when a proceed signal is clearly displayed. (ML 501-1).
- 8) Review TRO 7 for Waldwick and Suffern Yard configuration.
- 9) Tracks 1 & 2 are the ONLY tracks in Waldwick Yard used for passenger equipment.
- 10) All trains stopping at Ramsey MUST stop clear (East) of Main Street crossing. AT ALL TIMES.
- 11) The Conductor must contact the Main Line Dispatcher before departing Suffern.

1) Section E – (Southern Tier) SF – Port Jervis

| MP | STATION | INT | PS | ADA |
|---------------|--|----------|----|-----|
| 31.3JS | Division Post (MNR) | | | |
| 34.5JS | CP Sterling | X | | |
| 34.6JS | Sloatsburg | | X | |
| 37.2JS | Tuxedo | | X | |
| 44.9JS | Harriman | | X | X |
| 45.0JS | CP Harriman (CS:14153 feet) | X | | |
| 47.8JS | CP Valley | X | | |
| 50.2JS | Woodbury Viaduct | | | |
| 55.0JS | Moodna Viaduct | | | |
| 55.5JS | Cornwall/Salisbury Mills | | X | X |
| 63.3JS | CP Hudson Jct. (CS: 6317 feet) (Hudson SEC.- NYS & W) | X | | |
| 64.7JS | CP Hall | X | | |
| 65.6JS | Campbell Hall | | X | X |
| 66.5 | West Hall | | | |
| 71.6JS | Middletown | | X | X |

| | | | | |
|--------------------------|---|----------|---|---|
| 76.6JS 69.1SR | CP Howells (CS: 25137 feet) (Notes 1 & 2) | X | | |
| 73.8SR | Otisville | | X | |
| 74.0SR | CP OV | X | | |
| 86.7SR | CP BC | X | | |
| 87.5SR | Port Jervis | | X | X |
| 87.8SR | CP PA | X | | |
| 89.7SR | CP WX (CP) (Eastward only) | | | |
| 89.9SR | CP Sparrow (R- Cooperstown- NYS & W) (Westward only) | | | |

2) Main Track Rules

| RULES | LOCATION | TRACKS |
|-------------------------|-----------------------------------|-------------------|
| ABS, 261, 562, CSS, PTC | SF & CP Sterling (Note 1) | 1 & 2 |
| ABS, 261, 562, CSS, PTC | CP Sterling & CP BC (Note 1) | Single |
| ABS, 261, 562, CSS, PTC | CP BC & CP Sparrow | 1 & 2 |
| ABS, 261, 562, CSS, PTC | CP Harriman & CP Valley (Note 1) | Controlled siding |
| ABS, 261, 562, CSS, PTC | CP Hudson Jct. & CP Hall (Note 1) | Controlled Siding |
| ABS, 261, 562, CSS, PTC | CP Howells Jct. & CP OV (Note 1) | Controlled Siding |

3) Maximum Speed

| BETWEEN OR AT | SINGLE/OTHER | TRK 1 | TRK 2 |
|------------------------|---------------------|--------------|--------------|
| MP 31.3JS & MP 39.5JS | 60/40 | 60/40 | 60/40 |
| MP 39.5JS & MP 44.8JS | 70/40 | | |
| MP 44.8JS & Middletown | 79/50 | | |
| Middletown & MP 83.5SR | 70/40 | | |
| MP 83.5SR & CP Sparrow | 60/40 | 60/40 | 60/40 |

- 4) The speed restriction for Moodna Viaduct is 30mph and the speed restriction between MP 83.8SR and MP 84.4SR is 30.
- 5) The speed in Port Jervis Yard is Restricted Speed NOT exceeding 10mph.
- 6) Rule 91-1 is in effect at Sloatsburg (east) and Otisville (west- single track only).

7) Train Inspection Detectors

| MP | LOCATION | DIRECTION | TYPE | NOTE |
|-----------|-----------------|------------------|-------------|-------------|
|-----------|-----------------|------------------|-------------|-------------|

| | | | | |
|---------|--------------|------|------|----------|
| 39.75JS | W. of Tuxedo | Both | D, H | 1, 2 & 3 |
| 50.1JS | Woodbury | Both | D | 1 |
| 60.7JS | Twin Arches | Both | D | 1 |
| 71.9JS | Red Onion | Both | D | 1 |
| 75.0JS | CP Howells | Both | D, H | 1, 2 |
| 81.4SR | Shin Hollow | Both | D | 1 |

- 8) Rule 121E is in effect at Otisville.
- 9) Between the hours of 3:15am & 7:45am, Monday through Friday, except Holidays, the normal position of the switch and derail, leading from the East end of Port Jervis Yard is **the derail in the non-derailing position and switch lined from the yard to track 1.**