

Atlantic City Rail Line Recert Study Guide

This study guide contains helpful information for those Conductors who will be re-certifying or initially certifying on The Atlantic City Rail Line

The Atlantic City exam is divided into three sections

SECTION A - AC TO CHERRY HILL

SECTION B - CHERRY HILL TO SHORE

SECTION C - SHORE TO 30TH ST. PHILADELPHIA

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

This study guide took the UTU local 60 study guide and compiled all the info from the Books to this full study guide of what is on the exam from the rules department
Section A AC To Cherry Hill

1) Station Page

MP	Station	Int	PS	ADA
58.0	Atlantic City		X	X
57.8	Atlantic	X		
57.5	Beach (Movable Bridge)	X		
55.9	Griff (SRNJ)	X		
52.1	Absecon		X	X
47.5	South Pomo	X		
46.7	North Pomo (Sdg. 4201Ft.)	X		
41.8	Egg Harbor City		X	X
37.6	South Lica	X		

MP	Station	Int	PS	ADA
36.7	North Lica (Sdg. 4235 Ft.)	X		
30.7	Hammonton		X	X
27.1	South Wins (SRNJ)	X		
25.7	North Wins (Sdg. 6160 Ft.)	X		
20.8	South Fish	X		
19.9	North Fish (Sdg. 4103 Ft.)	X		
17.7	Atco		X	X
14.7	South Lucas	X		
13.2	North Lucas (Sdg. 6869 Ft.)	X		
11.7	Lindenwold		X	X
5.5	South Race	X		
4.7	Race (Sdg. 5052 Ft.)	X		
4.3	Cherry Hill		X	X

2) Main Track Rules

Rules Rules	Location	Track
INT, CSS, PTC	Atlantic And Grif	1 and 2
ABS,261,CSS,PTC	South Pomo And Grif	Single
INT, CSS, PTC	South Pomo And North Pomo	Single And CS
ABS,261,CSS,PTC	North Pomo And South Lica	Single
INT, CSS, PTC	South Lica And North Lica	Single And CS

ABS,261,CSS,PTC	North Lica And South Wins	Single
INT, CSS, PTC	South Wins And North Wins	Single And CS

Rules	Location	Track
ABS,261,CSS,PTC	North Wins And South Fish	Single
INT, CSS, PTC	South Fish And North Fish	Single And CS
ABS,261,CSS,PTC	North Fish And South Lucas	Single
INT, CSS, PTC	South Lucas And North Lucas	Single And CS
ABS,261,CSS,PTC	North Lucas And South Race	Single
INT, CSS, PTC	South Race And North Race	Single And CS

3) Maximum Speeds

Between or At	Single/Other	Track 1	Track 2
Sauk And Grif	80		
Griff And Beach		80	80
MP 57.4 And Atlantic		30	30
All Controlled Sidings		30	30

Speed Restrictions

Between Or At	Single
Cv North Of MP 6 (MP 5.8 And MP 6.0	45
MP 6 And MP 7	30

4) Dispatcher Control

NJ TRANSIT Raritan/Atlantic City Line Dispatcher

5) Direction Of Travel

Shore To Atlantic City is North To South

6) Atlantic City Station

Station Configuration

There are 5 tracks in Atlantic City station
Track 5 is on the East Side and Track 1 is on the West Side
The fuel pad is next to tracks 4&5

SI AC 98

Station Tracks

All Tracks south of Atlantic are designated station tracks for the purpose of entraining and detraining passengers. Southward movements must operate at RESTRICTED SPEED not exceeding 5 MPH. Northward movements may operate at RESTRICTED SPEED not exceeding 10 MPH.

7) Departing Stations Near An interlocking

When making a passenger station stop and the station stop is in close proximity to an interlocking signal, the train should not proceed from the station until receiving a proceed signal in the interlocking. Conductors should not relay permission to start the train or close the doors until the interlocking signal displays a proceed indication or it is known that the train has received permission to pass a Stop Signal. The following are the affected stations in close proximity to an interlocking.

AC Line:
Cherry Hill
Pennsauken

8) Emergency Protection

SI AC 136

The Atlantic City Rail Line and PATCO right of ways are parallel between MP 6 and Lindenwold MP 11.7. PATCO tracks are equipped with a 600 volt DC third rail electrical power distribution system.

If a train experiences an emergency application of the brakes while operating between Lindenwold and MP 6 the crew must notify the Dispatcher immediately. After the train has stopped, a crewmember must provide flag protection in both directions (one and one half miles) unless it can be determined that no other track is obstructed or relieved from protecting adjacent track by the Dispatcher.

The Dispatcher must immediately notify the PATCO Control Center of the situation, and where

adjacent track is obstructed, not relieve the crew from providing flag protection unless alternate protection is provided by PATCO.

9) Station Sides and High Levels

All stations on the Atlantic City Rail Line are High Level Platforms.

In Atlantic City Terminal doors can be opened on either side of the train depending on which track the train is platformed.

When heading North towards Philadelphia, Absecon, Egg Harbor City and Pennsauken will platform on the right side or east side of the train.

Hammonton, Atco, Lindenwold, Cherry Hill will platform on the left side or west side of the train.

When heading south towards Atlantic City the doors will be opposite of the north bound

travel. 10) Hand Brakes

SI AC 109

When Securing equipment on Station Tracks south of Atlantic, a minimum of two hand brakes on the south end of the train must be applied.

11) Train Inspection Detector

SI AC 72-1

Radio Alarm and Hot Box Detector is located as follows:

MP	Location	Track	Direction	SI
23.1	Bates Mill Rd.	Single	Both	72-4
39.5	MP 39.5	Single	Both	72-4

Note: Information pertaining to the operation of the Train Inspection Detector is in General Special Instruction 72-4

Section B Cherry Hill To Shore

1) Station Page

MP MP	Station	Int	PS	ADA
4.3	Cherry Hill		X	X
4.3	North Race	X		
2.2	Jordan (Pemberton Industrial)	X		

MP	Station	Int	PS	ADA
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0.5	Divide (West Leg Of Wye) (Industrial Track)	X		
0.3	Pennsauken		X	X
0.1	Sauk (Sdg. 1090 Ft.) (Delair Branch)	X		
0.0 B2.3	Jersey (Delair Moveable Bridge) (MP 0.0 CR - CP Jersey)	X		
B2.1	State Line (PA/NJ)			
B0.0	Shore (Amtrak, R CETC-6) (Delair Branch - CR)	X		

2) Main Track Rules

Rules	Location	Track
ABS,261,CSS,PTC	North Race and Divide	Single
INT,CSS,PTC	Divide and Jersey	Single and CS
ABS,261,CSS,PTC	Jersey and Shore	Single

3) Direction of Travel

Shore to Cherry Hill is in the southward movement of travel

4) Maximum Speeds

Between or At	Single
Cherry Hill and Sauk	80
Sauk and Shore	30

All controlled Sidings	30
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5) Speed Restrictions

Between or At	Single
North Race and MP 3	60
Westfield Ave MP 1.2 and MP 3	45
Westfield Ave MP 1.2 and Sauk	60

SECTION C - SHORE TO PHILADELPHIA

1) Station Page

MP	Station	INT	PS	ADA
82.1	Shore (R-CETC-6) (NJT AC Line) (Delair Branch CRC)	X		
84.5	Clearfield	X		
85.0	North Philadelphia		X	X
85.1	Lehigh (R-CETC-6) (Chestnut Hill Branch-SEPTA)	X		
87.2	Mantua	X		
87.7	Girard	x		
88.0 0.0	Zoo ML-Philadelphia to Harrisburg) (Main Line SEPTA)			

1.5	Penn (R-CETC-5) (Penn Coach Yard,Race St. Eng. House, No.5 & No. 11 Running Trks)	X		
1.5	30th St. Philadelphia (Lower Level)		X	X

2) Main Track Rules

Locations	Track 1	Track 2	Track 3	Track 4
Shore & Clearfield	261,PTC	261,PTC	261,PTC	261,PTC
Clearfield & Lehigh	INT,CSS,PTC	INT,CSS,PTC	INT,CSS,PTC	INT,CSS,PTC
Lehigh & Mantua	261,PTC	261,PTC	261,PTC	261,PTC
Mantua & Girard	INT,CSS,PTC	INT,CSS,PTC	INT,CSS,PTC	INT,CSS,PTC
Girard & Penn	INT,CSS,PTC			INT,CSS,PTC
Penn Int.	See Note Below	See Note Below	See Note Below	See Note Below
Within 30th St. Station: Station Trks 3,4,5 & 6	See Note Below	See Note Below	See Note Below	See Note Below

Hint: PTC is in effect on all our Territory

Penn Int. Within 30th St. Station, Tracks No.1 through 10 are designated Main Tracks.

With 30th St. Station: CSS Rules in effect on 3 & 4 Station Tracks for Northward Movements and CSS Rules in effect on 5 & 6 Station Tracks for Southward Movements.

3) Direction Of Travel

Shore to Zoo is westbound

Zoo to 30th is southbound

30th St. station to Zoo is northbound

Zoo to Shore is eastbound

4) Dispatcher Control

Dispatcher in charge between Shore and Girard is Amtrak R-CETC-6

NJ Transit Passenger trains must contact Amtrak R-CETC-5 before departing 30th St. Philadelphia Station.