THERE IS ALWAYS TIME FOR COURTESY

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MAKE SAFETY YOUR POLICY



DON'T COUPLE OVER 4 M.P.H.

Peoria and Eastern Ry.

(Operated by N.Y.C.R.R. Co.)

Time-Table

No. 8

FOR EMPLOYEES ONLY

EFFECTIVE

1:01 A.M., Central Standard Time Sunday, April 28, 1963

> J. D. KING General Manager

COMPANY SURGEONS

Wm. H. Norman, Chief Surgeon, Indianapolis

Hume-Mansur Bldg., Phones: Office ME 4-2443; Res. CL 5-4037

Regular office hours of Chief Surgeon are 8:00 A.M. to 5:00 P.M. week days. In case of emergency after office hours, Sundays and holidays, call Service Bureau, phone ME 9-3466 or the following in order named: R. V. Curtis, phone LI 7-6057, Wm. H. Norman, phone CL 5-4037

Indianapolis

W. J. FITZGERALD. 1105 Prospect St. Phones-Office ME I-8730; Res. ME 6-8202

C. D. WILLIAMS, 2422 Station St. Phones-Office LI 7-5283; Res. CL 5-3976

Danville

J. W. MOORE, 715 West Fairchild St. Phones-Office HI 6-1060; Res. HI 2-2370

Bloomington

D. M. JENKINS-310 Unity Bldg. Phones-Office 823-8067: Res. 823-7465

Urbana

L. T. GREGORY, 110 South Race St. Phones-Office 367-1354: Res. 367-2018

W. L. VEIRS, 129 West Elm St. Phones-Office 367-4253; Res. 367-4155

Pekin

R. K. TAUBERT } 28 South Fourth St. Phone-Office 346-3124

R. K. Taubert-Res. phone 346-8164 J. I. Weimer-Res. phone 346-0782

R. M. SUTTON, 1002 N. North St. Phones-Office 685-5231; Res. 688-3833

OCULISTS

Indianapolis

W. B. MATTHEW, 518 Hume-Mansur Bldg. Phones-Office ME 2-6451; Res. CL 1-4359

H. D. ALDRICH, 201 Hume-Mansur Bldg. Phones-Office ME 9-1361; Res. CL 1-4320

H. E. BALDWIN, 139 North Vermilion St., Phones-Office HI 2-0139; Res. HI 2-0567

SPEED TABLE

NOTE.—This table is for information only and does not authorize exceeding speed limitations of special instructions or however issued.

Time per Mile	Miles per Hour	Time per Mile	Miles per Hour	Time per Mile	Miles per Hour	Time per Mile	Miles per Hour
0 min. 36 sec.	100.00	0 min. 50 sec.	72.00	1 min. 5 sec.	55.38	2 min. 0 sec.	30.00
0 " 40 "	90.00	0 " 51 "	70.59	1 " 10 "	51.43	2 " 10 "	27.69
0 " 41 "	87.80	0 " 52 "	69.23	1 " 15 "	48.00	2 " 20 "	25.71
0 " 42 "	85.71	0 " 53 "	67.92	1 " 20 "	45.00	2 " 30 "	24.00
0 " 43 "	83.72	0 " 54 "	66.67	1 " 25 "	42.35	2 " 40 "	22.50
0 " 44 "	81.82	0 " 55 "	65.45	1 " 30 "	40.00	2 " 50 "	21.18
0 " 45 "	80.00	0 " 56 "	64.29	1 " 35 "	37.89	3 " 0 "	20.00
0 " 46 "	78.26	0 " 57 "	63.16	1 " 40 "	36.00	3 " 30 "	17.14
0 " 47 "	76.60	0 " 58 "	62.07	1 " 45 "	34.29	4 " 0 "	15.00
0 " 48 "	75.00	0 " 59 "	61.02	1 " 50 "	32.73	5 " 0 "	12.00
0 " 49 "	73.47	1 " 0 "	60.00	1 " 55 "	31.30	6 " 0 "	10.00

Special Instructions prefixed by letter or number modify Rules of the Operating Department with corresponding letter or number, unless otherwise specified.

A. GENERAL.

The title General Manager will be used instead of Superin-

A-1. OTHER RAILROADS.

Indianapolis Terminal time-table governs between: Union Station and AN (MP 12.2, Illinois Division). Union Station and Clermont (MP 9.2).

MY (Big 4 Yard) and Hunt.

P.R.R. rules and time-table govern between Hunt and Cler-

Illinois Division time-table governs on Illinois Division tracks between Jackson Street, Danville and Wyton and between Lyons and Wyton.

P. & P.U. rules and time-table govern between Pekin and Peoria.

B-2. LAWS AND REGULATIONS.

When train or engine employees have been on duty 14 hours, they must notify the Chief Dispatcher promptly.

Employees must know when called for service that they are available under the Hours of Service Regulations, and if in any doubt, bring it to the attention of the proper official.

Indiana. Railroad crossings not protected by Interlocking Signals, trains or engines must come to a full stop not less than 40 feet nor more than 500 feet from railroad crossings before entering upon or crossing such other track, until the way is known to be clear.

G. ALCOHOLIC BEVERAGES, INTOXICANTS OR NARCOTICS.

The use of alcoholic beverages, intoxicants or narcotics by employes subject to duty, or their possession or use while on duty, is prohibited.

K-1. DISCHARGE OF DUTY.

Fighting while on duty or on company property is prohibited. While on duty, books, magazines or papers other than company instructions must not be read. The use of radios other than those furnished for Railroad Operation is prohibited.

L-1. UNAUTHORIZED REMOVAL OF MATERIAL.

The unauthorized possession of, removal or disposal of any material from railroad property or property served by the railroad is prohibited.

L-2. MIS-USE OF COMPANY PROPERTY.

Abuse, misuse, defacing of or deliberate damage to, or destruction of company property, tools or equipment is for-

M. SAFETY.

Employees must provide themselves with the Book of Safety Rules and be governed by the Rules contained therein.

Employees are prohibited from riding or walking on the roof of any moving car unless car is equipped with roof running

Except as their duties require, employes are prohibited from standing, walking or riding on the top of any car or to pass from one moving car to another and extreme care must be exercised while so doing.

REPEATING INSTRUCTIONS.

All verbal instructions affecting train movements or involving equipment or track conditions must be repeated back by the employe receiving them.

DIVISION.

Branch. That portion of a division or subdivision designated by timetable

Central Standard Time is in use.

1. STANDARD TIME.

3. STANDARD CLOCKS.

Ames Telegraph office
HilleryYard office.
Urbana Yard Telegraph office
Bloomington Freight House.
PekinFreight House.
Peoria Engine house.

3b. COMPARING WATCHES.

When practicable, conductors and enginemen must compare vatches with each other before commencing each day's work. Other engine and train employes must compare watches with the conductor or engineman as soon as practicable.

4. SUBDIVISIONS.

Indianapolis to Urbana Yard. Urbana Yard to Pekin.

6. LETTERS AND SIGNS.

"A"-Arrive "L"-Leave

Where no form of block signal system is in effect, a train or engine moving on a main track finding an unattended fusee burning on or near its track must stop and not proceed until fusee has burned out.

12. HAND, FLAG AND LAMP SIGNALS.

Engine, while handling wrecking crane engaged in wrecking operations, must not be moved until given proper hand signal with green flag or green light.

Unless otherwise provided, main track switch tenders will use green signals for main track movements and yellow signals for crossover or diverging movements and must use red signals when necessary to stop a train or engine.

13. EMERGENCY SIGNALS AT INTERLOCKINGS AND OTHER POINTS.

Emergency horn signals are in use at Ames.

14. ENGINE WHISTLE SIGNALS.

Whistle Posts.

W Rule 14 (1) whistle signal to be sounded at whistle

W/MX Rule 14 (l) whistle signal to be sounded at whistle post for multiple crossings and prolonged or repeated until last crossing is reached.

Rule 14 (1) whistle signal not to be sounded except in emergency at locations listed in Rule 31.

The whistle must be sounded at whistle posts and where

required by rule or law.

In sounding whistle signal 14 (1) the forward facing horn must be used. The rear facing horn will be used alone in sounding this signal only when the forward facing horn is inoperative.

15. TORPEDOES.

After exploding a torpedo or torpedoes, train or engine will proceed, reducing speed and preparing to stop short of train ahead or obstruction. After proceeding for a distance of one mile from the place where torpedo was exploded train may resume normal speed if track is seen to be clear.

18. YARD ENGINES.

Yard engines will display dimmed headlight on each end, by day and by night, except that at night headlight may be extinguished on that end of engine which is coupled to a high solid end car. When headlight is not provided or is inoperative, a white light must be displayed. Yard engines will not display markers.

Engines occupying the main track with cars must display a red flag by day and a red light by night on the rear of the rear

Note: Reflectorized markers on each side of rear car or a circular reflectorized disc mounted in the center of the rear car of a train may be used in lieu of marker lamps.

33. COMMUNICATION OF SIGNALS.

All members of engine and train crews must, when practicable, communicate to each other by its name the indication of each signal affecting the movement of their train or engine. The aspects of signals must be clearly seen before the indication is

34. FLAGMAN'S SIGNALS.

The following signals will be used by flagmen: Night Signals:

Day Signals: A red flag A white light Torpedoes Torpedoes

83. TRAIN REGISTERS.

Urbana Yard Telegraph office. East Yard Telegraph office.

MY—Trains will be registered by operator if signals are not and have not been displayed.

East Yard—Trains will be registered by operator if signals are not and have not been displayed.

83c. Urbana Yard-Register Check Form C will not be used.

83d. CLEARING OF TRAINS.

MY, Trains must receive Clearance Form A.

Urbana Yard, All trains must receive Clearance Form A. East Yard, Eastward trains must receive Clearance Form A.

92. LEAVING STATION.

A train must not leave a station in advance of its scheduled leaving time.

NOTE: Where Rule 550 is in effect, or on two or more tracks where Rule 251 is in effect, a train may run in advance of its scheduled leaving time, except at a station where it is scheduled to receive traffic and not otherwise specified in the timetable.

93. YARD LIMITS.

Ames—Donn Dean—Costin
Cory—Hillery Yard East Yard—Pekin
Urbana Yard—Champaign

Between sunset and sunrise a red light must be carried on rear of last car of all cuts occupying main track within yard limits.

Between Hillery yard office and Wyton Interlocking tower, movements on siding may be made only by permission of the signalman at Wyton. This does not pertain to engines using siding when switching at Hillery yard, or engines going to or from the engine track.

D-93. YARD LIMITS.

Within yard limits protection against following movements by all trains and engines, is required.

S-93. PROTECTION OF TRAIN WITHIN YARD LIMITS.

Note: Where automatic block signal system rules are in effect, "known to be clear" includes when track is known to be clear by signal indication.

Within yard limits, protection against following movements by all trains and engines, is required.

D-93a. MOVEMENTS AGAINST THE CURRENT OF TRAFFIC.

Movements against the current of traffic within yard limits, must be made prepared to stop short of train or obstruction.

98. RAILROAD CROSSINGS AT GRADE.

NOTE: Railroad crossings at grade not protected by interlocking signals are shown under rule 297.

Location	Railroad	
Ames		
Ames	Monon	Interlocking.
Veedersburg	N. Y. C. & St. L	Interlocking.
Cory 2 miles east	C. M. St. P. & P	Auto. Interlocking.
Cory	D. & E. I	Interlocking.
Cory 0.5 mile west	Wabash	Interlocking.
Cory 0.5 mile west	7. & E. I	Interlocking.
Wyton	N. Y. C	Interlocking.
Glover	C. & E. I	Interlocking.
ChampaignI	. C	Interlocking.
Mansfield	Wabash	Auto Interlocking
Farmer City		
DeanI	C	Interlocking
Bloomington	M & O (Main Line)	Samanhora
Bloomington		
	Branch)	
Mackinaw 0.7 mile east]	Penna	uto Interlocking
East Yard	M & O	Interlocking
PekinI	& D II	Interlocking.
TOWIN	. w. I. U	THE FLIOCKING.

Cory—0.5 mile west, at Wabash and C. & E. I. R. R. crossings, trains or engines receiving Stop signal will report to signalman at Cory for instructions. If necessary to pass Stop signal they must receive hand signal from trainman located at crossings. Such signal must not be given unless route is clear and it is known that there are no trains approaching on the other roads.

At locations listed below, if signal does not indicate proceed, trainman will unlock box located at crossing and be governed by instructions posted therein.

Cory-2.0 miles east, C. M. St. P. & P. Crossing.

Mansfield-Wabash Crossing.

Mackinaw-0.7 miles east, Penna. Crossing.

99. PROTECTION OF TRAIN.

When a train stops under circumstances in which it may be overtaken by another train, the flagmen must go back immediately with flagman's signals a sufficient distance to insure full protection. When conditions require he will display lighted fusees and when necessary, in addition, place two torpedoes. When recalled and safety to the train will permit, he may return. When conditions require, he will leave the torpedoes and a lighted fusee.

The front of the train must be protected in the same way

when necessary by another member of the crew.

When a train is moving under circumstances in which it may be overtaken by another train, the flagman must take such action as may be necessary to insure full protection. By night, or by day when the view is obscured, lighted fusees must be thrown off at proper intervals.

When day signals cannot be plainly seen, owing to weather or other conditions, night signals must also be used.

Conductors and enginemen are responsible for the protection of their trains.

NOTE: When trains are operating under Automatic Block Signal System Rules, the requirements of Rule 99, in so far as protecting against following trains is concerned, will have been complied with when full protection is afforded against trains moving at restricted speed.

101a. PROTECTION AGAINST RETURN MOVEMENTS.

When a portion of a train is left on the main track, it must be protected against the return movement. At night, or when weather conditions require, torpedoes must be used and, in addition, a white light must be displayed on the front of the head car. This does not relieve the engineman from using necessary caution to avoid accident in returning.

103. PUBLIC CROSSINGS AT GRADE.

Where automatic highway crossing protection is in service and it is known to be functioning properly for the movement, protection by a member of the crew is not required.

Where highway control boxes are provided, pushbuttons must be operated in accordance with instructions posted in control

Automatic Flashing Light Signal with or without Gates:

At all crossings where signs are provided on other than main tracks to indicate "End of Circuit," trains and engines operating on such tracks must proceed past sign located adjacent to track and approximately fifty feet from crossing prepared to stop and not cross the highway until gates are in horizontal position. Where flashing light signals are in service without gates, the flashing lights must be operating for at least 20 seconds.

At all crossings where signs are provided on main tracks to indicate "End of Circuit" trains and engines stopping on main tracks must stop back of sign. When starting, if gates are raised (or flashing lights not operating), trains or engines must proceed past sign prepared to stop and not cross highway until gates are in horizontal position. Where flashing light signals are in service without gates, flashing lights must be operating for at least 20 seconds.

Crawfordsville—Trains or engines using running track will approach Mill & Sheridan Streets prepared to stop.

Danville—Engines when switching over Section St., member of crew must protect crossing.

104a. NORMAL POSITION OF SWITCHES.

Clermont—Normal position of wye switch to P&E-P R R connection track is for connection track.

Urbana—Normal position of main track switch at east end of yard is for yard track.

104e. SPRING SWITCHES.

Location	mai Po	SITION	
Veedersburg			
Main track switch west			
end of sidingFor	main	track	
Hillery Yard			
Main track switch west			
end of yardFor	main	track	
AND PARAM			

105. SIDINGS.

Unless otherwise provided, trains using sidings will pull in at first switch.

Veedersburg siding extends from interlocking tower to spring switch at west end of siding.

Wyton siding extends from interlocking tower to spring switch at west end of Hillery Yard.

Urbana Yard siding extends from east end to crossover at west end of Urbana Yard.

Sidings. Capacity based on 4	4-It. cars.
Pittsboro52	Glover132
Ames95	Rising74
Range Road74	Farmer City74
Veedersburg83	Dean72
Covington	Costin53
*Foster50	Tremont69
Cory	East Yard82
Wyton221	
* Cars may be spotted at elevat	or.

109. BULLETIN BOARDS AND BOOKS.

Notices over 12 months old will be removed and re-issued if still in effect.

Bulletin orders posted in books must be signed for by train and yard service employees.

Ames	
Hillery	Yard office.
Urbana Yard	Telegraph office.
Bloomington	Freight house.
Pekin	Engine house.
with the state of the second Health and	(Hump vard office.
Peoria	Engine house.

DESIGNATION AND USE OF MAIN TRACKS.

Single Track:

Between: Clermont and Pekin.

201. TRAIN ORDERS.

Train orders will be issued by authority and over the signature of the Chief Dispatcher.

206a. MOVEMENT BY TRAIN ORDERS.

When an engine consists of more than one unit the number of the leading unit or the numbers of both the leading and rear units may be used to identify the train.

221. TRAIN ORDER SIGNALS.

Rules 221 (A), 221 (B), and 221 (C) will apply at offices as listed under "Station Office Calls and Office Hours."

223. ABBREVIATIONS.

Automatic Block Signal SystemA	BS
Manual Block Signal System	BS
Traffic Control SystemT	
Telephone Pole	TP
Controlled Point	CP

MOVEMENT OF TRAINS BY BLOCK SIGNALS.

Westbound trains carrying passengers may accept permissive block indication at east end of sidings at Ames and Cory. This does not authorize signalmen to admit a train carrying passengers to the block unless it is clear.

Eastbound trains carrying passengers may accept permissive block indication at Donn. This does not authorize signalman to admit a train carrying passengers to the block unless it is clear.

During the hours train order and block station, Pekin, is closed, movements of second class and extra trains between Pekin and East Yard will be handled by signalmen at Pekin Tower and East Yard.

Track	Between	Assigned Direction	Operation
Single	Clermont and Pekin	None	Rules 251-254, incl. Rules 300-373, incl.

MOVEMENT OF TRAINS BY TIMETABLE AND TRAIN ORDER ONLY.

NOTE: Movement of passenger trains will be made under Manual Block Signal System Rules and passenger trains will be required to receive Clearance Form A at open train order offices which will be considered as Manual Block Stations for movement of such trains.

Track	Between	Assigned	Oper	ation
		Direction	Time	Train
Single	Clermont and Pekin	None	Table *	Order *

SPECIAL SIGNAL ASPECTS AND INDICATIONS.



INDICATION—Proceed NAME—Clear

FIG 22D RULE 281

Eastward trains finding approach signal to P.R.R. located in vicinity of MP 10-5 at Clermont displaying Rule 285 or Rule 291 must call operator at MY before blocking highway crossing.

281d. Proceed at limited speed preparing to stop at next signal. Further reduction to medium speed must be made before accepting a more favorable indication.

STOP SIGNS.

At signs reading "STOP" trains and engines, after making a stop, will proceed in accordance with instructions contained in the time-table under other rules, Bulletin Orders or instructions posted at the location.

297. RAILROAD GRADE CROSSING SIGNALS.

Trains must stop before proceeding unless otherwise indicated.

Location Railroad Signal Bloomington Wye.....N.Y.C. & St.L.....None

300. MANUAL BLOCK SIGNAL SYSTEM.

A signalman may admit a train other than a passenger train to a block, that is wholly or partly within yard limits, under a clear block indication when it is known that the block is not occupied by a passenger train, or not occupied by a train other than a passenger train outside of yard limits.

Indications of manual block signals will convey to second class and extra trains information as to condition of that portion of the block that is not within yard limits. Second class and extra trains must move within yard limits prepared to stop unless the main track is seen or known to be clear.

305a. INTERLOCKING SIGNALS USED AS MANUAL BLOCK SIGNALS.

Interlocking signals which serve also as Manual Block signals will display Manual Block indication on top arm or light. When other than top indication is used to display a "Proceed" indication, Clearance Form A, Clearance Forms A and B, or Clearance Form A and a train order will be used to indicate the condition of the block, except as follows:

Use twenty and the control of the co

Between Cory and Wyton, East Yard and Pekin, before clearing any train, engine or yard cut to move in either direction, Signalman must confer with Train Dispatcher and then obtain permission from Signalman at objective point. Trains will run by block signals whose indications will supersede time table superiority and will take the place of train orders.

Manual Block Signals are remotely controlled as follows: Location Control Station

Trains must not pass these signals without entire train or to do switching without first notifying the control signalman of intended moves, and must report to control signalman as soon as such moves have been completed.

362-365b. PASSING STOP INDICATION.

At stations where it is necessary for a train to pass train order and block signal to enter siding, STOP indication must not be passed without receiving Clearance Form A, and in addition, if block is not clear, Clearance Form B, and the movement protected as prescribed by Rule 99, or hand signal is received from trainman of opposing train holding main track. When STOP indication is displayed, a train must not pass clearance point of siding until authorized to proceed.

505. AUTOMATIC BLOCK SIGNAL SYSTEM.

Unless otherwise provided Manual Block Signal System Rules will govern movements against the current of traffic.

Where automatic block signal is used in non-automatic block territory, it will indicate condition of track between that signal and the next signal in advance, or a sign reading: "End Automatic Block."

Where automatic block does not terminate at a signal, a sign reading: "End Automatic Block" will mark the location,

512. TRAIN DELAYED IN BLOCK.

If it can be seen or known that track is clear to next signal and that such next signal displays a proceed indication, train having been delayed may proceed in accordance with the indication received at the last signal passed before delay

513. ENTERING OR CROSSING MAIN TRACK.

At bolt-locked switches, not electrically locked, after operating the bolt lock, trainmen must wait five minutes before operating the switch. At non-bolt-locked switches, not electrically locked trainmen will operate the switch and wait five minutes before making train or engine movement. If it is known that the movement of an approaching train will not be affected it will not be necessary to wait five minutes.

514. ENTERING BLOCK BETWEEN SIGNALS.

A train or engine entering a block between signals must be protected as required by the rules and must proceed at restricted speed to the next signal in advance unless it can be seen or known that the track is clear to next signal in advance and such signal displays a proceed indication.

663a. REMOTE CONTROL SWITCHES AND SIGNALS.

At location where remote controlled switches may be operated by hand in an emergency additional instructions are posted in the phone booth at the location.

663b. AUTOMATIC INTERLOCKING.

Cory (2 miles east), Mansfield, Mackinaw (0.7 mile east) After train has passed approach signal, permitting it to proceed and is delayed in the block, it must proceed at restricted

speed, expecting to find the home signal in stop position. Provisions of Rule 663b will govern, if home signal fails to display a proceed indication after reaching a point 300 feet in rear of signal.

701. OBSERVANCE OF PASSING TRAINS.

If any indication of conditions endangering a train is observed, "Stop" signal must be given. If there are no apparent defects, employes must give "Proceed" Signal.

TRAIN INSPECTION SIGNALS.

Indication Aspect 1-Steady lunar white No defect detected.

light and letter D or H.

2—Flashing lunar white light and letter D or H.

nated indication.

Defect detected. Stop, inspect train and call train dispatcher or signalman from nearest point of communication. 3-Absence of illumi- Stop at first point of communication and call train dispatcher or signalman.

703. MAKE UP OF FREIGHT TRAINS.

Trains containing cars equipped with "K" type brake equipment, limited to 50 cars.

Defective cars carded "Rear End Only" must not be placed forward of 15 cars from caboose. So far as possible, inspectors must apply these cards to cars requiring such movement prior to train being made up in the yard.

Jet Engine Snow Blowers, when moving dead in train, must be placed in train next ahead of caboose. The unit may be headed in either direction.

Loader and melter units to be coupled and moved in train with loader unit trailing.

Cars equipped with steam train line must have the steam connectors securely connected to adjacent cars. If an adjacent car is not equipped, the steam heat connector should be secured by use of chain support to assure proper clearance above rail.

705. LEAVING CARS ON SIDE TRACKS.

When placing cars for loading or unloading, they must, when practicable, not be left standing nearer than fifty (50) feet to any street or road crossing, and not nearer than one hundred (100) feet when placed in storage.

Cars must not be left bridging across insulated joints in track rails where tank cars are placed.

Cars with hot journals must not be left on any track in close proximity to where gasoline is loaded or unloaded.

715. GAMBLING.

Gambling on company property by employees is forbidden.

RAILROAD RADIO.

General and Operating Rules

750. Definition: A Railroad Radio Communication system is one employing radio for the transmission of intelligence between moving equipment, between moving equipment and a fixed point, between fixed points and/or between employes provided with portable radio equipment.

A. All employes except those specifically authorized to do so are prohibited from making any technical adjustments to a railroad radio set. Employes so authorized must carry their FCC operator license or verification card when on duty. When a radio set is not operating properly the use of such set shall be discontinued and the fact reported as soon as practicable.

B. No employe shall knowingly transmit any false distress communication, any unnecessary, irrelevant or unidentified communication, nor utter any obscene, indecent or

profane language, via radio.

C. No employe shall divulge or publish the existence, contents, purport, effect or meaning of any communication (distress communications excluded) except to the person for whom the communication is intended or to another employe of the railroad whose duties may require knowledge of the communication. The above applies either to communications received direct or to any that may be intercepted.

D. Before transmitting, any employe operating a radio transmitting set shall listen a sufficient interval to be sure that the circuit is not already in use, particularly for distress traffic.

E. A distress call will be preceded by the word "Emergency" repeated three times. Such calls shall be used only to cover initial reports of derailments, storms, washouts fires, obstructions to tracks, or other matters which would cause serious delay to traffic, damage to property, injury to employes or the traveling public and shall contain as

complete information thereon as possible.

F. All employes shall give absolute priority to communications from another station in distress and except in answering or aiding a station in distress shall refrain from sending any communications until there is assurance that no interference will result to the station in distress.

G. Any employe shall permit inspection of the radio equipment in his charge and all FCC documents pertaining thereto, by a duly accredited representative of the Federal Communications Commission at any reasonable time.

H. If communications from another radio station interfere with the proper use of the radio, the fact will be promptly reported with information as to location, time and identity of station if possible.

I. Internationally, the word "MAYDAY" indicates a distress message, the word "PAN", an urgent message and the word "SECURITY", a safety message. Railroad employes may hear such messages sent by aircraft or, in coastal areas, by boats. Railroad employes hearing such messages must report them immediately through authorized channels to the designated railroad official in addition to taking such appropriate action to relieve the distress as may be possible.

J. Radio installations may be used in exactly the same manner as wire communications during a period of emergency in which normal communication facilities are disrupted as a result of hurricanes, floods, earthquakes or similar disaster for movement of trains.

K. The emergency use of these stations shall be discontinued as soon as substantial normal communications facilities become available.

751. Where radio equipment is provided it will be used in train or yard service as prescribed by these rules.

752. Radio stations at fixed locations will be listed in the timetable.

753. Radio communication will be used to supplement but will not, unless otherwise provided, dispense with the use or ob-

servance of other signals whenever and wherever they may be required. Such use will include:

- Conditions affecting the safety of movements.
- Air brake tests.
- Train inspection.
- Advice from rear end to head end to start movement.
- Advice to engineman when flagman has returned.
- Conversation between conductor and engineman rela-
 - (a) The fulfillment of train orders and/or instructions in their possession;
- (b) Reporting when train is into clear.

 7. Reporting clear of block in Manual Block Signal System territory.
- 8. Operations such as switching, doubling and picking up or setting off cars.

When so used, specific instructions must be given, for example:

"Engine 5701 back up 5 car lengths"

In case of radio failures, or if radio contact is interrupted, radio directed movement must be stopped at once. Further movement must not be made until communication is made by words, radio contact restored, or proper hand signal has been received.

Any condition not specifically covered above affecting

the movement of a train or yard engine.

10. Emergency train orders. Train or engine must be stopped while receiving such orders.

754. Employes in other than yard service, transmitting or receiving communications by radio must state name, occupation and location before commencing conversation. In yard service prefacing identification is not required but instructions transmitted must include identity of the receiver. Employes must insure being in communication with proper persons and must not take action until certain that all conversation has been heard, understood, finished and acknowledged

Three key words enable the radio user to exchange information clearly and concisely. They are defined and explained

OVER-This word at the end of a transmission tells the listener that the radio channel is being released and "turned over" to the receiving end for a reply.

ROGER-This word means message received and understood. OUT-This word means end of transmission-no reply ex-

The following is an example of radio operating procedure: ORIGINATING CALL

"Train SV-1 Engine 6115, Engineer Brown, calling rear end. REPLY

"Train SV-1, Engine 6115, Conductor Smith answering Brown. Over."

MESSAGE "Brown to Smith. Home signals all red. Over."

REPLY

"Smith to Brown. Roger Out."

755. When engines, cabooses and/or other equipment are equipped with radio, the radio will, unless otherwise provided, be kept on proper frequency with volume control set sufficiently high to hear all calls whenever such engines, cabooses and/or other equipment are in active road or yard service.

756. Employes using radio equipment will exercise care to prevent damage to or loss of such equipment.

824. MAKE UP OF PASSENGER, MAIL, EXPRESS, OR DEAD HEAD EQUIPMENT TRAINS.

Passenger equipment must be of steel construction with the exception that baggage, horse, refrigerator, and milk cars of steel underframe construction may be hauled, also such steel underframe passenger cars as are used under special arrange-

Cars equipped with steam train line must have the steam connectors securely connected to adjacent cars. If an adjacent car is not equipped, the steam heat connector should be secured by use of chain support to assure proper clearance above rail.

Heating, Lighting and Ventilation of Cars.

Trainmen must, when outside temperature is less than twenty (20) degrees above zero, regularly at fifteen (15) minute intervals, open rear steam heat valve wide and fully blow line free of condensate.

921. FREIGHT BRAKEMEN.

The proper place for the forward brakeman while train is in motion is in the leading unit of the engine.

A running test of hand brakes must be made on a Rail Diesel Car or Rail Motor Car upon leaving initial terminal when operating as a single unit. As soon as speed permits, engineman must place throttle lever of RDC Car in No. 1 position (rail motor car in OFF position) and signal for brakes. The conductor or member of train crew must then apply hand brakes to determine if they are operating properly. In case hand brakes do not operate properly car must proceed at restricted speed to the nearest point at which repairs can be made.

Rail Diesel Cars, Class RDC.

Trains or engines must not be permitted to follow single unit RDC cars into block between open stations in ABS territory or between controlled signals in TCS territory.

When making stops in automatic block and interlocking signal territory, two stops must be made. After the first stop is made, the car will be moved forward at least six feet when making the second stop, to avoid stopping on sand.

At interlockings, switches in route taken by RDC cars will not be operated until it has been ascertained that movement

through the interlocking has been completed.

Passenger trains and trains containing more than 20 passengers carrying type cars must not exceed 30 cars.

Mail, Express and Baggage Equipment Trains must not exceed 40 cars.

When Passenger Train Equipment Cars are handled with Freight Equipment Cars in freight trains exceeding 40 cars total, such Passenger Train Equipment Cars shall be handled forward of the 40th head car with not to exceed 20 such cars in one train. The total of all cars in the train shall not exceed: (a) 150 cars when handling one (1) to five (5) Passenger Equipment Cars; or (b) 100 cars when handling more than five (5) Passenger Equipment Cars.

NOTE: Passenger Train Equipment Cars having Type AB-1-B brakes may be handled in freight trains without restriction

In trains of over 30 cars, passenger car brake equipment shall be conditioned for DIRECT RELEASE on cars beyond the 20th head car. In freight trains of over 40 cars all cars must be conditioned for DIRECT RELEASE and the air supply to water raising systems shall be cut out.

Flexi-Van trains must have brake pipe feed valve adjusted to 90 pounds.

DIESEL EQUIPMENT.

- A. Movement of Diesel Units.
- 1. Road Freight and Road Switch Type Units.

Road Freight Type and Road Switch Type units may be operated, coupled together, with a maximum of twelve (12), including those hauling train and those in tow.
The total number of units hauling train may not exceed seven (7).

The Units being towed may be either dead or on idle.

2. Yard Switch Type Units.

Only one yard switch type unit, dead or on idle, whether hauling or being towed, may be placed on rear of locomotive consist and on head end of train. Additional switch type units should be placed in train in accordance with Air Brake Rule 1612.

3. Backing Trains With Road Switch and Yard Switch Type Units Hauling Or In Tow.

Sufficient lead units must be isolated, and power of not more than three (3) rear hauling units used against the

- B. Leaving Diesel Locomotive Unattended (Engines Running).
- *(1) Apply independent brake full on.
- Place automatic brake valve in running position.
- (3) Place throttle in idle, selector handles in "OFF" and remove reverser handle.
- (4) Pull out generator field switch or, if equipped, place generator field circuit breaker in "OFF". (Leave all other

switches and circuit breakers in running position if desired.)

Apply hand brakes.

If on grade, chain or block wheels.

All electric control jumpers must be properly connected between units.

*Note: Locomotives conditioned for towing, or movement dead in train or to be picked up by switching crews, may be left with independent brake in running (released) position.

Diesel road locomotives must have the Controlled Emergency feature of 24-RL brake equipment set in Passenger (or Passenger Lap), except when coupled to a freight train. Locomotives operating light, in road service, yard or terminal territory, must have the Rotaire Valve and Controlled Emergency Cocks set as follows:

Rotair Valve operating "A" unit set in "Pass" position. Controlled Emergency Cock "B" unit set in "Pass" posi-

Rotair Valve trailing "A" unit set in "Pass Lap" position.

D. Passing Over Railroad Crossings at Grade.

When crossing a railroad crossing at grade throttle should be moved back to Run 3 and kept in that position until all locomotive units have passed over the crossing.

E. Diesels Stopping Over Open Flames.

Diesel engines must not be stopped over burning fusees or other open flames, lights, or fires when it can be avoided. When so stopped and engine cannot be promptly moved, the fusee or fire must be extinguished. Open flame switch heaters must be relighted after the engine has been moved.

LUBRICATION AND CARE OF JOURNAL BOXES.

All New York Central System road locomotives and all new passenger cars, as well as many of the older cars, are equipped with the Twinplex Hot Box Alarm. In the event that any of these bearings become overheated a strong and somewhat disagreeable odor is released and also a dense white smoke. Train and engine crews, also towermen, crossing watchmen, maintenance of way forces and other employes will be on the lookout for these indications and whenever they are observed the train must be stopped immediately. When the hot box is located it must be given the usual attention in accordance with prescribed practices.

Current Instructions for the Lubrication and Care of Journal

Boxes govern

When a journal is found overheating enroute, train must be stopped and examination made. Packing must be adjusted or box repacked if this will overcome trouble. If cause of heating cannot be corrected in this manner or car cannot be moved to the next terminal through use of cooling compound, car should be set out.

Water or snow should not be used for cooling hot journals except in emergency, and when used, journal should be cooled

as slowly as conditions will permit.

When cars with hot journals are set out where inspectors do not take immediate charge, precaution must be taken to know that journal is left in condition to avoid damage to car

Conductors must make prompt report to General Manager and car foremen of cars treated enroute, or set out account overheated journal, stating whether treated by cooling compound or by water or snow, also whether heating was detected by odor or smoke of Hot Box Alarm.

COOLING COMPOUND.

An approved hot journal cooling compound, and Form NYCS RS-74, furnished by storekeeper, shall be carried as part of caboose equipment and train crew equipment in pas-

Cooling compound shall be used for emergency treatment of overheated journals of cars enroute in trains. Treatment should be given before journal becomes red.

Journals with broken brasses shall not be treated with

cooling compound.

When applying cooling compound, packing in journal box shall be loosened by use of packing iron, after which cooling compound shall be applied along full length of rising side of journal; particular attention to be given to placing compound at back or inside end of journal. Cars having journals treated with cooling compound shall be tagged in a prominent place near journal box, using Form NYCS RS-74, at time compound is applied.

RAIL DETECTOR CARS AND CLEARANCE CAR X-8016.

Cars Operating Under Own Power:

Cars must be brought to full stop before movement is made on to turn tables.

Train or engines must not be permitted to follow such cars into block between open signal stations in ABS territory or between controlled signals in TCS territory.

Cars approaching highway crossings which are provided with automatic protection, must not pass over crossings until Manual protection is provided unless it is known that the automatic protection is functioning.

At Railroad crossings where automatic interlocking is in use, such cars will come to a stop and must not proceed over crossings until all instructions covering emergency use of such crossings have been complied with.

At interlockings, remote controlled locations, and in Traffic Control System Territory, switches in route taken by these cars will not be operated until it has been ascertained that movement through the route has been completed.

In Automatic Train Stop Territory, if car is not equipped with Automatic Train Stop Device, movements will be made in accordance with Time Table Special Instructions governing such moves, except that Train Dispatchers will arrange for clear block between open signal stations, and in TCS territory between remote interlockings, both in advance and in rear of car.

Cars X-8015 and X-8016 are equipped with Automatic Train

Stop Devices for forward and reverse operation and rules governing such operation will apply.

When Towing Cars in Train.

During freezing weather if heat is not provided in car, domestic water must be drained. Diesel engine and car heating water, if not protected with anti-freeze solution, must be

Rail detector cars other than NYC must not be handled in freight or passenger trains.

NYC cars X-8015 and X-8016 may be handled on rear end of passenger trains, (see speed restrictions).

Car X-8016 must be coupled to train at No. 1 end of car.

Car must not be coupled between a locomotive and any other car while switching at any time.

If fuel tanks have not been drained, they should be placarded as "Inflammable Material."

AUTOMATIC TRAIN STOP.

Enginemen must be qualified on rules for the operation of automatic train stop.

Engines equipped with Automatic Train Stop Device operating in territories not equipped with wayside train stop control equipment must have train stop equipment cut in and operative, with MG sets running, on lead unit of all locomotive consists. Note: See Indianapolis Terminal time-table for rules and instructions, as well as working limits of ATS.

WATER STATIONS

For Cooling Systems:

Station	Location
Ames	.Bunk Room (hose in agent's office)
Veedersburg	.Interlocking Tower
Hillery Yard	.Bunk Room (hose in sand house)
Farmer City	.Interlocking Tower
Bloomington	.Bunk Room (hose in supply house)
Pekin	. Enginehouse

OVERHEAD CLEARANCES.

Employes are warned of close overhead clearances at the following locations and must not go on top of boxcars, engines, or other high equipment while movements are being made under these wires, bridges, or structures:

Location	Description	Tracks
Olin-Interstate	Pit. Overhead	Run around
Fithian	Signal Lines	House Track
Urbana Yard	Signal Lines	Horn Track
Mackinaw	that desired wilder excess	
P. R. R. Cross	ing Signal Lines	Main

J. D. KING, o D. A. LARSON, Train Master	General Manager C. E. DYE, Chief Dispatcher
At night over facing point hand operated switches, when operating against the current of traffic in Automatic	proach signal 15 Pekin, P. & P. U. Ry. connection 15
(Loader and melter units to be coupled and moved in train with loader unit trailing) Trains with loaded ore cars less than 25 feet in length	Mackinaw, 0.7 east, within interlocking limits PRR Crossing
Clearance car X-8016, under own power or being towed. 55 Rail detector cars, under own power or being towed. 40 Trains handling cars equipped with K type brakes. 40 Snow plows and flangers . 35 Circus trains with freight equipped cars. 30 Freight trains with pusher engines. 30 Trains with snow loader and snow melter units not in service . 30	Dean, east of, on curve between Mile Posts 162-20 and 162-36
*An engine consisting of more than one unit is considered as operating backward when the employee in the leading unit does not have full control of the engine. Note: All 45 MPH NYC engines, except units X509 and X510, 567 to 573 inclusive and 800 to 810 inclusive, may be operated at a maximum speed of 60 MPH when coupled as a trailing unit with other units or when handled dead in train. Diesel engines operating through water	signal 872, 1 mile west of Wyton
1000 to 3372	Veedersburg, through city limits
Engines: (All Inclusive) Nos. X509, X510 with traction motor pinon engaged	Speedway, over street crossings Lyndhurst Dr., Winton Ave., 16th St., Polco St. & Olin Ave
Speed restrictions are shown in miles per hour and apply to entire train. General (Unless Otherwise Restricted)	freight cabooses. Local (Unless Otherwise Restricted) Between Brant and Clermont
Location Girls School—Power Plant Olin—Interstate Pit empty storage tracks south of State Route 136. LeRoy—I. C. Connection beyond clearance point. Pekin—Over American Distilling Co. Elevator Scale and curve north of scale. SPEED RESTRICTIONS.	Passenger, mail, express or dead head equipment trains
ENGINE AND CAR RESTRICTIONS. Engines must not be operated as shown below: On Industrial Sidings with sharp curvature and not shown below, care must be used in operating. Cars weighing over 315,000 lbs. cannot be operated without permission from General Manager. Load limit on cars handled through retarders—maximum 120 tons.	Block Signal System territory where switch lights are not in use

W. M. CLEMMER O. E. TINDALL D. W. JAMES

F. L. CHAMBERS J. E. MAY J. A. SLAVENS

R. J. PARSONS, Master Mechanic H. C. McFARLAND, General Foreman R. E. TOMLIN, Signal Supervisor E. E. COGDILL, Communication Supervisor

J. J. CONNORS, Division Engineer R. J. KLUEH, Division Engineer of Track
P. E. GULLETT, Track Supervisor
C. R. GARDNER, B & B Supervisor

Train Dispatchers

		THE RESERVE TO SERVE	
PEKIN TO	INIPIANIA	IDOLIC	FACT
PERIN IU	INDIANA	APULIS-	EMDI

	lis		SECOND CLASS		3			SECOND	CLASS
	Miles from Indianapolis	CTATIONS	95 99			rom	STATIONS	94	90
	diar	STATIONS	PE-5	PE-9	1 1 H 70d	Miles fron Pekin	SIATIONS	PE-4 FREIGHT	PE-2 FREIGHT
01(3)	Mil	Division steed	Daily	Daily		MEI	\$15,000 the express to be	Daily	Daily
		T. 1'	AM	AM		the state of the s	. Peoria	7.30	РМ 5.30
	1.8	Indianapolis Speedway					. Peoria	7.50	0.00
	4.0				_		Pekin	7.50	5.45
			12.15	11.30		1.	East Yard		5.55
,	\dots Clermont (EST).	12.30			9.				
LEWIS	9.2	9.2 Clermont (CST).	11.30	.10.45		26.			
D70/	14.0	Brownsburg		11.05			G .:	0.05	0.50
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	32.8	New Ross		11.32		38.		9.10	7.15
Diano	43.0	Ames	12.30 90	11.55		45.	Downs		
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155	44.4 54.0		12.40	12.05		61.			
E.					- 7 1 1 1 1 1 1	64.	1 Harris		
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	72.1	Covington		12.55		84.	3 Champaign		
000	76.5	Foster			M 1 3 34 5	86.	7 Urbana YardA	10.30	8.30
	83.9	Cory	1.42	1.20				11.00	0.00
9810	85.3	Danville				86.	7 Urbana YardI 8 Mayview	11.30	9.30
00.6	86.0	Wyton	1.52	1.30	94	95.	2 St. Joseph		
OR ST	88.0 93.2	Hillery Yard Oakwood				96.	7 Glover	11.48	9.45
64.5	97.1		347.404	1001/100	MI	BS 99.			
MBS		Fithian			104.	I Fithian			
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DASH	105.8	Ogden	3.45	3.13		109.	109.3 Oakwood	L IT THE PT	
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100 ar	110.7	Mayview Urbana YardA	6 20	4.00		117.		1.00	10.00
Dent	115.8	Orbana TardA	0.30	4.00	4.00	118.		1.40	11.05
Ober	115.8	Urbana YardL	10.30	10.30		100			boltino (5)
100	118.2	Champaign Rising		10.50			0 Foster		
02	123.4	Mahomet	10.50	10.50	M. C.		8 Veedersburg		11.40
S AR W	133.7					143.	2 Hillsborough		
	138.4	Harris				144.	Range Road Waynetown		
	141.4	Farmer City	11.15	11.45		148.	- waynetown	2.50	
	150 6	50.6 LeRoy	158.		. 2.55	12.20			
MA S	157.1	Downs					7 Crawfordsville	3.30	12.30 95
MA.	164.4	Dean	11.55	12.25		169	5 Ames	Carlotte Carlotte Control Control	12.30
1 38	166.8	Bloomington		v. Ins.	A. E. B. C. A.	174.	8 Jamestown	. 3.57	
MAG	167.3	Costin	12.15	12.45		184.	6 Pittsboro		
21	170.5	Danvels					5 Brownsburg 3 Clermont (CST).		2.45
	186.3	Mackinaw				190	- Clermont (CB1)	0.10	
	193.4	Tremont			100 may 1 215	7 -O. L	Clermont (EST)	. 7.15	3.45
2001		East Yard	1.10				Big 4 Yard (EST)	. 7.30	4.00
	202.5	Pekin	1.20	1.45		100	C C		
	detint its	Peoria	3.00	. 3.30	FED VASE A	197	.7 Speedway		AM
	PM AM PM								
	On single	e track, Eastward train	ns are supe	rior to V	Vestward tra	ns of the	same class, unless other	rwise specif	ied.
135 6	Time shown at Big 4 Yard and Peoria is for information only.								

INDIANAPOLIS TO PEKIN-WEST

97.1 Muncie Indianapolis Fithian 98.4 1.1 I. J. Open continuously IJ DeLong 100.1 221-C Rumpler 101.0 1.8 KD Ogden 102.7 221-C Glover Open continuously 105.8 GZ * Moorefield 2.1 221-C 107.3 St. Joseph 3.5 Brant Fulls 110.0 4.8 Speedway 110.7 Mayview Indiana Girls School 7.4 UR Urbana Yard Open 7:00 AM to 3:00 PM 7:00 PM to 3:00 AM 115.8 221-C MY M.Y. (Big 4 Yard) 221-C Champaign Randolph St. 118.3 Hunt (PRR) Champaign Prospect St. 119.0 Clermont (PRR) 123.4 Rising 9.2 Clermont Mahomet 128.0 14.0 Brownsburg 133.7 Mansfield 17.9 Pittsboro 138.4 Harris 22.3 Lizton Farmer City 27.7 Jamestown SU 141.4 221-C 32.8 New Ross 144.0 Watkins 43.0 Ames Open continuously CF 145.3 221-C Wickes 146.3 Empire Crawfordsville 43.8 150.6 LeRoy Donn 44.4 Downs 157.1 54.0 Waynetown 58.1 158.8 Range Road Gillum Dean Open continuously KG 59.3 164.4 Hillsborough 221-C Veedersburg Open continuously 64.7 VG Bloomington Open continuously BN 166.8 221-C 221-C 72.1 167.3 Costin Covington 74.3 170.2 Olin Deere 76.5 170.6 Twin Grove Foster 176.5 Danvers 83.9 DH Cory Open continuously 221-C Mackinaw 186.3

Tremont

Maurer

Pekin

East Yard Open continuously 193.4 196.8

201.4

202.5

YD

221-C

STATIONS, OFFICE CALLS AND OFFICE HOURS
INDIANAPOLIS TO PEKIN

STATIONS

85.3

86.0

88.0

93.2

WG

221-C

Danville

Wyton Open continuously

Hillery Yard

Oakwood

STATIONS

