

Accepted tests	Failure criteria
Ishihara (14 plate) .....	2 or more errors on plates 1–11.
Ishihara (16 plate) .....	2 or more errors on plates 1–8.
Ishihara (24 plate) .....	3 or more errors on plates 1–15.
Ishihara (38 plate) .....	4 or more errors on plates 1–21.
Richmond Plates 1983 .....	5 or more errors on plates 1–15.
<b>MULTIFUNCTION VISION TESTER</b>	
Keystone Orthoscope .....	Any error.
OPTEC 2000 .....	Any error.
Titmus Vision Tester .....	Any error.
Titmus II Vision Tester .....	Any error.

(3) In administering any of these protocols, the person conducting the examination should be aware that railroad signals do not always occur in the same sequence and that “yellow signals” do not always appear to be the same. It is not acceptable to use “yarn” or other materials to conduct a simple test to determine whether the certification candidate has the requisite vision. No person shall be allowed to wear chromatic lenses during an initial test of the person’s color vision; the initial test is one conducted in accordance with one of the accepted tests in the chart and § 240.121(c)(3).

(4) An examinee who fails to meet the criteria in the chart, may be further evaluated as determined by the railroad’s medical examiner. Ophthalmologic referral, field testing, or other practical color testing may be utilized depending on the experience of the examinee. The railroad’s medical examiner will review all pertinent information and, under some circumstances, may restrict an examinee who does not meet the criteria from operating the train at night, during adverse weather conditions or under other circumstances. The intent of § 240.121(e) is not to provide an examinee with the right to make an infinite number of requests for further evaluation, but to provide an examinee with at least one opportunity to prove that a hearing or vision test failure does not mean the examinee cannot safely operate a locomotive or train. Appropriate further medical evaluation could include providing another approved scientific screening test or a field test. All railroads should retain the discretion to limit the number of retests that an examinee can request but any cap placed on the number of retests should not limit retesting when changed circumstances would make such retesting appropriate. Changed circumstances would most likely occur if the examinee’s medical condition has improved in some way or if technology has advanced to the extent that it arguably could compensate for a hearing or vision deficiency.

(5) Engineers who wear contact lenses should have good tolerance to the lenses and

should be instructed to have a pair of corrective glasses available when on duty.

[64 FR 60996, Nov. 8, 1999]

**PART 241—UNITED STATES LOCAL REQUIREMENT FOR DISPATCHING OF UNITED STATES RAIL OPERATIONS**

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APPENDIX A TO PART 241—LIST OF LINES BEING EXTRATERRITORIALLY DISPATCHED IN ACCORDANCE WITH THE REGULATIONS CONTAINED IN 49 CFR PART 241, REVISED AS OF OCTOBER 1, 2002

APPENDIX B TO PART 241—SCHEDULE OF CIVIL PENALTIES

APPENDIX C TO PART 241—GEOGRAPHICAL BOUNDARIES OF FRA’S REGIONS AND ADDRESSES OF FRA’S REGIONAL HEAD-QUARTERS

AUTHORITY: 49 U.S.C. 20103, 20107, 21301, 21304, 21311; 28 U.S.C. 2461, note; 49 CFR 1.49.

SOURCE: 67 FR 75960, Dec. 10, 2002, unless otherwise noted.

**§ 241.1 Purpose and scope.**

(a) The purpose of this part is to prevent railroad accidents and incidents, and consequent injuries, deaths, and

property damage, that would result from improper dispatching of railroad operations in the United States by individuals located outside of the United States.

(b) This part prohibits extraterritorial dispatching of railroad operations, conducting railroad operations that are extraterritorially dispatched, and allowing track to be used for such operations, subject to certain stated exceptions. This part does not restrict a railroad from adopting and enforcing additional or more stringent requirements not inconsistent with this part.

### § 241.3 Application and responsibility for compliance.

(a) Except as provided in paragraph (b) of this section, this part applies to all railroads.

(b) This part does not apply to—

(1) A railroad that operates only on track inside an installation that is not part of the general railroad system of transportation; or

(2) Rapid transit operations in an urban area that are not connected to the general railroad system of transportation.

(c) Although the duties imposed by this part are generally stated in terms of a duty of a railroad, each person, including a contractor for a railroad, who performs a function covered by this part, shall perform that function in accordance with this part.

### § 241.5 Definitions.

As used in this part:

*Administrator* means the Administrator of the Federal Railroad Administration or the Administrator's delegate.

*Dispatch* means—

(1) To perform a function that would be classified as a duty of a “dispatching service employee,” as that term is defined by the hours of service laws at 49 U.S.C. 21101(2), if the function were to be performed in the United States. For example, to *dispatch* means, by the use of an electrical or mechanical device—

(i) To control the movement of a train or other on-track equipment by the issuance of a written or verbal authority or permission affecting a rail-

road operation, or by establishing a route through the use of a railroad signal or train control system but not merely by aligning or realigning a switch; or

(ii) To control the occupancy of a track by a roadway worker or stationary on-track equipment, or both; or

(iii) To issue an authority for working limits to a roadway worker.

(2) The term *dispatch* does not include the action of personnel in the field—

(i) Effecting implementation of a written or verbal authority or permission affecting a railroad operation or an authority or permission affecting a railroad operation or an authority for working limits to a roadway worker (*e.g.*, initiating an interlocking timing device, authorizing a train to enter working limits); or

(ii) Operating a function of a signal system designed for use by those personnel.

*Dispatcher* means any individual who dispatches.

*Emergency* means an unexpected and unforeseeable event or situation that affects a railroad's ability to use a dispatcher in the United States to dispatch a railroad operation in the United States and that, absent the railroad's use of an extraterritorial dispatcher to dispatch the railroad operation, would either materially disrupt rail service or pose a substantial safety hazard.

*Employee* means an individual who is engaged or compensated by a railroad or by a contractor to a railroad to perform any of the duties defined in this part.

*Extraterritorial dispatcher* means a dispatcher who, while located outside of the United States, dispatches a railroad operation that occurs in the United States.

*Extraterritorial dispatching* means the act of dispatching a railroad operation that occurs on trackage in the United States by a dispatcher located outside of the United States.

*Fringe border dispatching* means the act of extraterritorial dispatching a railroad operation that occurs on trackage in the United States immediately adjacent to the border between the United States and Canada or the