

TERRITORIAL QUALIFICATIONS- PILOTS and CONDUCTOR ASSISTANTS			
Engineer and/or Conductor that is:	Does the Engineer require a pilot?	Does the Conductor require an assistant?	Comments
MAIN TRACK (Non-Joint Operations) (§240.231 and §242.301)			
Not previously qualified on the territory.	YES. The Pilot must be an Engineer and <u>CANNOT</u> be a member of the crew.	YES. The Assistant must be a Conductor who meets the territorial qualification but <u>CANNOT</u> be a member of the crew.	
Previously qualification has expired and, for conductors – expired for one year or less and had regularly traversed the territory. (see explanation for regularly traversed on the next page)	YES. The Pilot can be any qualified person, but he/she <u>CANNOT</u> be a member of the crew.	YES. The Assistant can be any person who meets the territorial qualification, and it <u>CAN</u> be a member of the crew, including the Engineer.	Reference Preamble page 6492: Railroad determines how long a engineer/ conductor must be absent from a territory before their qualification on the physical characteristics of the territory expires, railroads must also state in their programs the number of times a person must pass over a territory per year to be considered to have “ regularly traversed ” a territory for purposes of §242.301(c). Since territories differ in their complexity, railroads will be given discretion to determine how many times a conductor must pass over a territory to be considered to have “regularly traversed” a territory.
Previous qualification expired and, for conductors – expired for one year or less but had not regularly traversed or expired for more than one year(familiarity)	YES. The Pilot can be any qualified person, but he/she <u>CANNOT</u> be a member of the crew.	YES. The Assistant can be any person who meets the territorial qualification. However, the Assistant <u>CANNOT</u> be the assigned engineer, or a crewmember whose safety sensitive duties would conflict.	
A Pilot and/or Conductor Assistant is <u>NOT</u> required when:	On a section of main track with an average grade of less than 1% over 3 continuous miles, <u>and</u> (1) The maximum distance the locomotive or train will be operated does not exceed one mile; <u>or</u> (2) The maximum authorized speed for any operation on the track does not exceed 20 miles per hour; <u>or</u> (3) Operations are conducted under operating rules that require every locomotive and train to proceed at a speed that permits stopping within one half the range of vision of the locomotive engineer.		
MAIN TRACK – (Joint Operations) (§240.229 and §242.301)			
	YES. It must be a qualified DSLE or train service engineer and <u>CAN</u> be a member of the crew.	Same as Main Track Non-Joint Operations	
OTHER THAN MAIN TRACK (§240.231, §240.229 and §242.301)			
	Non-Joint Operations – No Pilot required if movement is on a section of track with an average grade of less than 1% over 3 continuous miles. Joint Operations – No pilot required if a “minimal joint operation.”	Where practicable, an Assistant who is a conductor and meets territorial qualification or a JOB AID *see explanation of a JOB AID on the next page.	

NOTE 1:

For determination if a conductor has regularly traversed his/her territory is not an exact science. It is based on the territorial complexity, operational demands, i.e, speed, signal rules, train lengths, etc., and most importantly, identified in the railroad's submitted Part 242 program.

Guidance: FRA expects the railroad to define "regularly traversed" in their submitted Part 242 program.

Example 1 - Railroad Program Submission regarding "regularly traversed".

On Railroad XXX persons shall be considered to have achieved physical characteristics familiarity by:

- *Traversing a territory in any capacity at least once in the preceding 24 months for railroads operating only under conditions that do not include signalized methods of operation.*
- *Traversing a territory in any capacity at least once in the preceding 12 months for railroads operating under conditions that include signalized methods of operation*

Example 2 - Railroad Program Submission regarding "regularly traversed".

"Regularly traversed" means the employee has worked a position that enabled him or her to observe the territory at least 10 times in the previous 24 months.

NOTE 2:

Field inspectors who have concerns regarding the programs addressing the "regularly traversed" requirements should contact FRA HQ. (Groundhogger1)

NOTE 3:

A Job Aid for a Conductor concerning "*other than main track physical characteristics*", may consist of:

1. Training on the territory pursuant to §242.119,
2. Maps, or
3. Charts/visual aids of the territory, or
4. A person(s) contacted who is qualified on the territory and who can describe the physical characteristics of the territory.