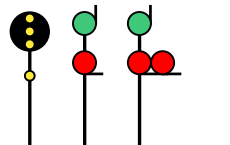
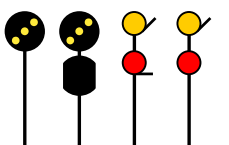
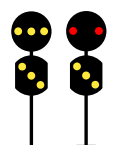
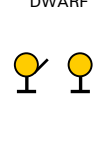
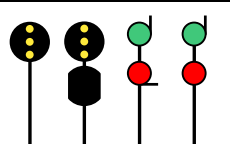
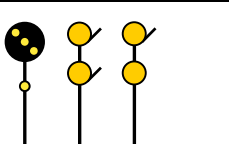
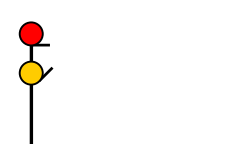
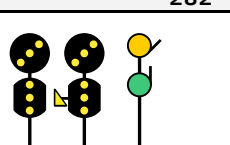
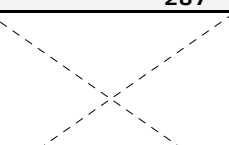
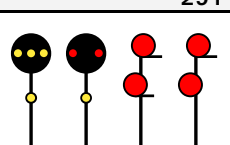
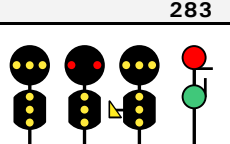
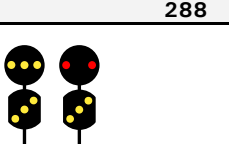
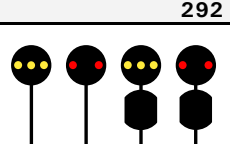
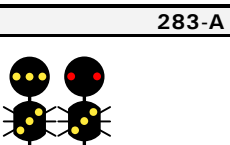
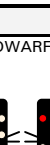
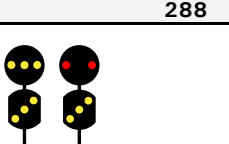
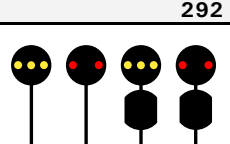
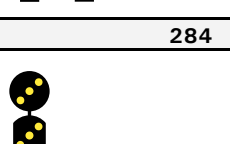
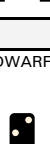
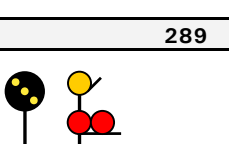
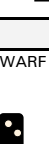
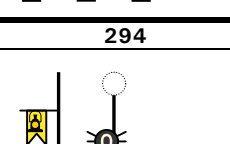
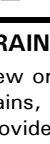
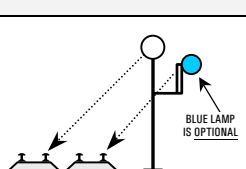
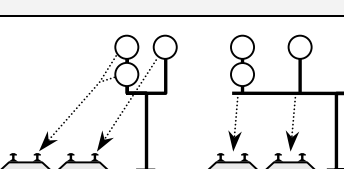
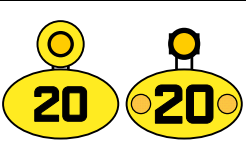
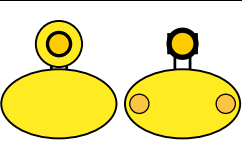
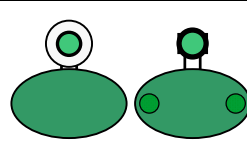
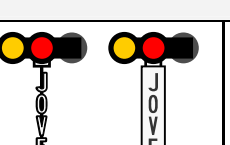


# PENNSYLVANIA RAILROAD – SIGNAL RULES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>280</div> <div><div>DWARF</div><div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | <div>CLEAR–BLOCK</div> <div>Proceed, manual block clear.</div>                                                                                                                                                                                                                                                                                                                                                                                     | <div>285</div> <div><div>DWARF</div><div></div></div>     |                                                                                                                                                                                                                                                                                                                                                                                     | <div>APPROACH</div> <div>Proceed prepared to stop at the next signal.<br/>Trains exceeding Medium speed must at once reduce to that speed</div>                                                                                      | <div>290</div> <div><div>DWARF</div><div></div></div>                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                    | <div>RESTRICTING</div> <div>Proceed at Restricted speed.</div>                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <div>281</div> <div><div>DWARF</div><div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | <div>CLEAR</div> <div>Proceed.</div>                                                                                                                                                                                                                                                                                                                                                                                                               | <div>285A</div> <div><div>DWARF</div><div></div></div>    |                                                                                                                                                                                                                                                                                                                                                                                     | <div>CAUTION</div> <div>Trains exceeding Medium speed must at once reduce to that speed. Approach next signal prepared to stop.<br/>Where a facing switch is connected with the signal, approach that switch prepared to stop.</div> | <div>291</div> <div><div>DWARF</div><div></div></div>                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <div>282</div> <div><div>DWARF</div><div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | <div>APPROACH–MEDIUM</div> <div>Proceed approaching next signal at Medium speed.<br/><b>NOTE:</b> Trains may proceed approaching next signal at not exceeding 45 miles per hour at signal displaying a yellow triangle outlined in black.</div>                                                                                                                                                                                                    | <div>287</div> <div><div>DWARF</div><div></div></div>     |                                                                                                                                                                                                                                                                                                                                                                                     | <div>SLOW–CLEAR</div> <div>Proceed. Slow speed within interlocking limits.</div>                                                                                                                                                     | <div>291</div> <div><div>DWARF</div><div></div></div>                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                    | <div>STOP–AND–PROCEED</div> <div>Stop, then proceed at Restricted speed.<br/><b>NOTE:</b> Freight trains of 90 or more cars or having a tonnage of 80 percent or more of the prescribed engine rating may proceed at Restricted speed without stopping at signals displaying a yellow disc on which is shown the letter "G" in black.<br/>The engineman must be notified as to tonnage and number of cars in train before leaving terminals and when consist is changed enroute.</div> |
| <div>283</div> <div><div>DWARF</div><div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | <div>MEDIUM–CLEAR</div> <div>Proceed. Medium Speed through interlocking limits.<br/><b>NOTE:</b> Trains may proceed at not exceeding 45 miles per hour within interlocking limits, at signals displaying a yellow triangle outlined in black.<br/><b>NOTE:</b> In cab signal territory with fixed automatic block signals, trains with cab signals not in operative condition or not equipped with cab signals must not exceed Medium Speed.</div> | <div>288</div> <div><div>DWARF</div><div></div></div>     |                                                                                                                                                                                                                                                                                                                                                                                     | <div>SLOW–APPROACH</div> <div>Proceed prepared to stop at the next signal. Slow speed within interlocking limits.</div>                                                                                                              | <div>292</div> <div><div>DWARF</div><div></div></div>                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                    | <div>STOP–SIGNAL</div> <div>Stop.</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <div>283-A</div> <div><div>DWARF</div><div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | <div>MEDIUM–APPROACH</div> <div>Proceed at Medium Speed prepared to stop at next signal.<br/>Trains exceeding Medium speed must at once reduce to that speed.</div>                                                                                                                                                                                                                                                                                | <div>288</div> <div><div>DWARF</div><div></div></div>     |                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                      | <div>292</div> <div><div>DWARF</div><div></div></div>                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <div>284</div> <div><div>DWARF</div><div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | <div>APPROACH–SLOW</div> <div>Proceed approaching next signal at slow speed. Trains exceeding Medium speed must at once reduce to that speed.</div>                                                                                                                                                                                                                                                                                                | <div>289</div> <div><div>DWARF</div><div></div></div> |                                                                                                                                                                                                                                                                                                                                                                                     | <div>PERMISSIVE–BLOCK</div> <div>Block occupied. For passenger trains, stop.<br/>For trains other than passenger trains, proceed prepared to stop short of train or obstruction, but not exceeding 15 miles per hour.</div>          | <div>294</div> <div><div>DWARF</div><div></div></div>                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                    | <div>TRAIN–ORDER</div> <div>New orders. When displayed in the direction of an approaching train or trains, it must not be passed by any such train on any track except as provided by Rule 221.<br/><b>NOTE:</b> By day, the yellow lamp/lantern is not displayed with the flag.<br/><b>NOTE:</b> Flashing O signal only applies to trains on track governed by signal to which it is attached.</div>                                                                                  |
|  <div>SIGNAL MAST BRACKET MARKER (DOLL ARMS)<br/>One or more tracks intervene between the signal and the track governed by the signal. When more than one track intervenes, the number of signal mast bracket markers, with or without blue lights, is increased accordingly.</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  <div>BRACKETTED/ADJACENT SIGNALS<br/>The right-hand signal governs right-hand track, and left-hand signal governs left-hand track.<br/>Signals on superstructures govern the track that they are over.</div>                                                                                                                                                  |                                                                                                                                                                                                                                 | <div>295</div> <div></div>                                                                                                                                                                                                                                                                     | <div>CLEAR DISTANT SWITCH SIGNAL</div> <div>Switch is closed, proceed.</div>                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                  | <div>296</div> <div></div>                                                                                                                                                                                                                                                                                                                    | <div>CAUTION DISTANT SWITCH SIGNAL</div> <div>Switch is open. Approach all switches connected with the signal prepared to stop short of the switches.</div>                                                                                                                                                                                                                                                                                                                            |
| <div>93</div> <div><div>YARD LIMITS BOARD<br/>Within yard limits, movements not authorized by timetable schedule or train order may be made on the main track by proper signal indication or permission of the operator without protecting against extra trains or engines. Within yard limits, regular and extra trains are not required to provide protection, except against regular trains (or following movements, for 2+ tracks). Extra trains and engines must move within yard limits prepared to stop short of other yard movements, trains, and obstructions, unless the main track is known to be clear. Yard Engines will not display markers except when passing block station, thereby clearing the block.</div></div> |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                 | <div>291</div> <div><div>GRADE DISC<br/>Freight trains of 90 or more cars or having a tonnage of 80 percent or more of the prescribed engine rating may proceed at Restricted speed without stopping at signals showing a <i>Stop and Proceed</i> aspect which displays this sign.</div></div> |                                                                                                                                                                                                                                      | <div>282 / 283</div> <div><div>SPEED TRIANGLE<br/>Signal indications specifying Medium speed are increased to a maximum of 45 miles per hour on signals showing this marker.</div></div>                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <div>SIGNALING SPEED LIMITS</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | <div>ADVANCE SPEED–LIMIT SIGN (with light/&amp;/reflectors)<br/>Indicates the approach to a portion of track on which a temporary speed restriction has been placed by train order or general order. Do not exceed the speed shown beyond the <i>Speed–Limit Sign</i> ahead.</div>                                                                                                                                                                 |                                                                                                                                             | <div>SPEED–LIMIT SIGN (with light/&amp;/reflectors)<br/>Indicates the beginning of the temporary speed restriction.</div>                                                                                                                                                                                                                                                           |                                                                                                                                                 | <div>RESUME–SPEED SIGN (with light/&amp;/reflectors)<br/>Indicates the end of the temporary speed restriction. Trains must not resume Normal speed until rear of train has passed the <i>Resume-speed sign</i>.</div>                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | <div>PERMANENT SPEED RESTRICTION<br/>A permanent speed restriction begins ahead. Do not exceed the displayed speed within the restricted area.<br/>This sign shall be placed a sufficient distance in advance of a restricted territory to permit a train to reduce from maximum authorized speed to the displayed speed.</div>                                                                                                                    | <div>293</div> <div><div>293-A</div><div></div></div>  | <div>BLOCK–LIMIT</div> <div>Limit of the block.<br/>Do not proceed past this signal without authorization to enter the next block.</div>                                                                                                                                                                                                                                            | <div>293-A</div> <div></div>                                                                                                                    | <div>APPROACH BLOCK–LIMIT</div> <div>Proceed prepared to stop at next <i>Block–Limit</i> signal. Trains exceeding Medium speed must at once reduce to that speed.<br/><b>NOTE:</b> Will not apply to trains authorized to pass the Block Limit station as though <i>Clear-Block</i> signal were displayed.</div> | <div>MEDIUM SPEED – Not exceeding one-half the speed authorized for passenger trains but not exceeding 30 miles per hour. (45 miles per hour when yellow triangle shown.)<br/>REDUCED SPEED – Proceeding prepared to stop short of train or obstruction.<br/>RESTRICTED SPEED – Not exceeding 15 miles per hour prepared to stop short of train, obstruction, or switch not properly lined, and to look out for broken rail.</div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |