

SUMMARY OF SIGNAL MODELS – SIGNAL MONTAGE SAMPLER PICTURE

IMAGE: <http://msts.jovet.net/SignalMontage.jpg>

The image at the above address always possesses the latest “Signal Montage” sampler picture.

Revision 8

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Signal Models for Microsoft® Train Simulator™ (MSTS) By Joseph J. Hoevet, jovet@jovet.net

System Programming by Joseph J. Hoevet

Signal Lamp textures by Maple Leaf Tracks (<http://mapleleaftracks.com>, <http://www.mapleleaftracks.com/free.html>) and Wang Daqing

| No | Manufacturer | Target Railroad(s) ¹ , Description | Era ² | Aspect Displayed ³ | Ready ⁴ | Schemas ⁵ | Comments |
|----|--------------|---|------------------|-------------------------------|--------------------|-----------------------------|--|
| 1 | Generic | BNSF/Generic Classic Stacked Colorlights | Any | Diverging Clear | Yes | GCOR, BBSS ⁶ | Snowhood models available, not pictured. |
| 2 | Generic | Generic Stacked Colorlight Dwarf | Any | Approach ₁ | Yes | GCOR, BBSS ⁶ | 2, 3, 4 lamps, one tier only. |
| 3 | Safetran/GE | UPRR Stacked Colorlight Snowhooded | Modern | Approach Restricting | Yes | GCOR | See #12 for Visor models. |
| 4 | US&S | UPRR/D&RGW P-5 Model Stacked Colorlights | Classic | Restricting | No | GCOR | Awaiting Texture rework. |
| 5 | Safetran/GE | BNSF Stacked Colorlight Snowhooded | Modern | Stop | Yes | GCOR | Visor models available, not pictured. |
| 6 | Safetran | Generic Stacked Colorlight Dwarf | Modern | Approach | Yes | GCOR | 2, 3, 4 lamps, one tier only. |
| 7 | GRS | SOU/NS Stacked Colorlight | Classic | Clear ₁ | Yes | NS, GCOR | |
| 8 | GRS/US&S | NYC “Style-G” Triangular Colorlight | Classic | Approach Medium | No | NYC/CR/CSXT | Programming in progress. |
| 9 | Safetran | Generic UniLens™ Dwarf | Modern | Restricting _{1,3} | Yes | GCOR, NS, BBSS ⁶ | 1, 2, 3-unit models available. |
| 10 | Safetran | UPRR Triangular Colorlight | Modern | Stop | Yes | GCOR | |
| 11 | Safetran | Generic UniLens™ | Modern | Diverging Approach Diverging | Yes | GCOR | Set partially complete; Each tier’s target size is optional. |
| 12 | Safetran/GE | UPRR Stacked Colorlight Visored | Modern | Diverging Approach | Yes | GCOR | See #3 for Snowhood models. |
| 13 | GRS | Generic GRS-style Searchlight | Any | Restricting ₁ | Yes | GCOR, NS | |
| 14 | GRS | Generic GRS-style Searchlight Dwarf | Any | Clear ₁ | Yes | GCOR, NS | 1, 2, 3-unit models available; US&S models planned. |
| 15 | Safetran/? | NS Stacked Colorlight Snowhooded | Modern | Diverging Clear | Yes | NS | Bungalow “flowerpot” model available. |
| 16 | Safetran/? | CSXT Stacked Colorlight Snowhooded | Modern | Approach Slow | No | CSXT | Set under construction. |
| 17 | US&S? | Lower-Quadrant Semaphore Dwarf (alt) | Steam | Restricting | No | LQS ⁷ | Programming in progress. Other styles available. |
| 18 | US&S | Lower-Quadrant Style-B Semaphores | Steam | Approach | No | LQS ⁷ | Programming in progress. Multiple blade and arm styles supported. |
| 19 | US&S | PRR/N&W Position-Light | Classic | Slow Approach ₁ | Yes | PRR, N&W | |
| 20 | US&S | PRR Position-Light Dwarf (RH) | Classic | Restricting ₁ | Yes | PRR, N&W | Left-hand and elevated models available. |
| 21 | US&S | PRR Position-Light Pedestal Dwarf | Classic | Medium Clear ₁ | Yes | PRR, N&W | |
| 22 | US&S | Generic US&S-style Searchlight | Any | Stop | Yes | GCOR, C&O | |
| 23 | US&S/GRS | B&O Color-Position-Light Dwarf | Classic | Stop | No | B&O | Programming in progress. |
| 24 | US&S | B&O Color-Position-Light | Classic | Approach Medium | No | B&O | Programming in progress. |
| 25 | US&S/Generic | Upper-Quadrant Semaphores | Steam | Approach Medium | Yes | UQS ⁷ | Generic but based on PRR designs. Multiple blade styles supported. |
| 26 | US&S/Generic | Upper-Quadrant Semaphore Dwarf (3-pos) | Steam | Stop | Yes | UQS ⁷ | Multiple blade styles supported. |
| 27 | US&S | Generic Stacked Colorlight Dwarf | Classic | Stop | Yes | GCOR | 2-Lamp version also available. |
| 28 | US&S | SCL Stacked Colorlight | Classic | Advance Approach | No | SCL/CSXT | Set not completed. |
| 29 | US&S | NKP Stacked Colorlight | Classic | Stop | No | NKP | Set not completed; Programming in progress. |

¹Signal sets marked Generic can fit on a wide variety of railroad routes.

²Era denotes signal set’s fitness on route set in *Early* (pre-1930 only), *Steam* (pre-1960 only), *Classic* (1920-1980), *Diesel* (1960 or later), *Modern* (1980 or later) eras. Older signals may still exist in newer eras, but in fewer numbers.

³The aspect displayed on the sample “Montage” image. A subscript number indicates from which of the listed signal schemas the aspect derives.

⁴Indicates whether the signal set is fit for distribution to second parties for use on a MSTS route.

⁵Indicates which railroad schemas the signals have been setup to employ. “GCOR” refers to my Generic UPRR/BNSF General Code of Operating Rules Signal Schema.

⁶Bruce Bridges’s signal system (“BBSS”) schema developed for the fictional Indiana Northern Railroad (INRR) route.

⁷Generic Upper-quadrant (“UQS”) and Lower-quadrant (“LQS”) signaling schemas designed to support common and advanced semaphore aspects and behavior. Contact the author for details.

Signal Sets Not Pictured:

- Australian LQ Summersault Semaphore signals (*Sea View 5 route only*)
- Sea View 5 Common Signaling System signals (*Sea View 5 route only*)
- Variable-message LED indicator signal