

DCCSound functions
Suitable for ESU LokSound 5 decoders



Q4 2025

Railways of Australia

Sound functions - AN class



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn
- F3 Coupler crash and release
- F4 Dynamic brake
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Air handbrake
- F9 Short horn
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders
- F17 Low note horn
- F18 Condensate spitter valve (mute)
- F19 Compressor & Radiator fans (mute)

Sound functions - BL class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Low idle & Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fans (mute) |
| F20 | Low note horn |
| F21 | Radio |
| F22 | Windshield wipers |

*Austrains

Sound functions - BL class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Low idle & Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Numberboards |
| F12 | White markers |
| F13 | Red markers |
| F14 | Ditchlights |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fans (mute) |
| F20 | Low note horn |
| F21 | Radio |
| F22 | Windshield wipers |

*Auscision

Sound functions – CL class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fans (mute) |

Sound functions – CLP/CLF class*



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn
- F3 Coupler crash and release
- F4 Low idle & Dynamic brake
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Head End Power
- F8 Ratchet handbrake
- F9 Short horn
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders
- F17 Low note horn
- F18 Cab sounds: Reverser
- F19 Compressor & Radiator fans (mute)

*Austrains

Sound functions – CLP/CLF class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Low idle & Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Head End Power |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Numberboards |
| F12 | Ditchlights |
| F13 | White markers |
| F14 | Red markers |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Low note horn |
| F18 | Cab sounds: Reverser |
| F19 | Compressor & Radiator fans (mute) |

*Auscision

Sound functions – DL class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|---|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Air handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | - |
| F19 | Compressor & Radiator fans (mute) |
| F20 | Condensate spitter (mute) |

Sound functions – EL class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Air handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Low note horn |
| F18 | - |
| F19 | Compressor & Radiator fans (mute) |
| F20 | Condensate valve (mute) |

Sound functions – GM1 class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn** |
| F3 | Coupler crash and release |
| F4 | - |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn** |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fans (mute) |

* Trainorama 8 pin

**User selectable via CV163

Sound functions – GM1 class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn** |
| F3 | Coupler crash and release |
| F4 | - |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn** |
| F10 | Curve squeal |
| F11 | Marker lights |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fans (mute) |

* Trainorama 21 pin

**User selectable via CV163

Sound functions – GM12 class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fans (mute) |

* Trainorama 8 pin

**User selectable via CV163

Sound functions – GM12 class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Marker lights |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fans (mute) |

* Trainorama 21 pin

**User selectable via CV163

Sound functions – CR HGM van



www.dccsound.com

Decoder address: _____

F0	Lighting output (F0f, F0r)
F1	Genset #1 start-up & shut-down
F2	Genset #2 start-up & shut-down
F3	-
F4	Guard's whistle
F5	Station announcement
F6	-
F7	-
F8	-
F9	-
F10	Flange squeal
F11	Aux 1
F12	Aux 2
F13	Aux 3
F14	Aux 4
F15	Aux 5
F16	Aux 6

Sound functions – NJ class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Guard's whistle |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode / bell |
| F8 | Handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | - |
| F19 | Compressor & Radiator fans (mute) |

Sound functions – NR class*



www.dccsound.com

Decoder address: _____

F0	Headlight
F1	Prime-mover start-up & shut-down
F2	Long horn
F3	Coupler crash and release
F4	Dynamic brake
F5	<i>Drive hold (FT)</i>
F6	<i>Brake application (FT)</i>
F7	Shunting mode / bell
F8	Air handbrake
F9	Short horn
F10	Curve squeal
F11-14	Aux 1-4
F15	Headlight dimmer
F16	Sanders
F17	-
F18	-
F19	Compressor & Radiator fans (mute)
F20	Condensate valve (mute)

* Austrains

Sound functions – NR class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode / bell |
| F8 | Air handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Numberboards |
| F12 | White markers |
| F13 | Red markers |
| F14 | Ditchlights |
| F15 | Dimmer |
| F16 | Sanders |
| F17 | Front red markers |
| F18 | Rear red markers |
| F19 | Compressor & Radiator fans (mute) |
| F20 | Condensate spitter (mute) |

* Auscision

Sound functions – NR class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode / bell |
| F8 | Air handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Numberboards |
| F12 | White markers |
| F13 | Red markers |
| F14 | Ditchlights |
| F15 | Dimmer |
| F16 | Sanders |
| F17 | Run 8 |
| F18 | Coast |
| F19 | Compressor (mute) |
| F20 | Condensate spitter (mute) |

* SDS

Sound functions – C43/C44ACi



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode / bell |
| F8 | Air handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Numberboards |
| F12 | White markers |
| F13 | Red markers |
| F14 | Ditchlights |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Low note horn |
| F18 | Dynamic brake test mode |
| F19 | Compressor & Radiator fans (mute) |

Sound functions – GT46C-ACe



www.dccsound.com

Decoder address: _____

F0	Headlight
F1	Prime-mover start-up & shut-down
F2	Long horn
F3	Coupler crash and release
F4	Dynamic brake
F5	<i>Drive hold (FT)</i>
F6	<i>Brake application (FT)</i>
F7	Shunting mode
F8	Air handbrake
F9	Short horn
F10	Curve squeal
F11	-
F12	-
F13	-
F14	Ditchlights (Auscision)
F15	Headlight dimmer
F16	Sanders
F17	Low note horn
F18	-
F19	Compressor & Radiator fans (mute)

Sound functions – Watco DR class



www.dccsound.com

Decoder address: _____

F0	Headlight
F1	Prime-mover start-up & shut-down
F2	Long horn
F3	Coupler crash and release
F4	Dynamic brake
F5	<i>Drive hold (FT)</i>
F6	<i>Brake application (FT)</i>
F7	Shunting mode
F8	Handbrake
F9	Short horn
F10	Curve squeal
F11	Marker lights
F12	Ditchlights
F13	Headlight dimmer
F14	Sanders
F15	Cab sounds: Reverser & Notching
F16	Sanders
F17	-
F18	-
F19	Compressor & Radiator fans (mute)

Railways of New South Wales

Sound functions: NSWGR 36 class



www.dccsound.com

Decoder address: _____

- F0 Headlight and turbo-generator
- F1:** Mute/start-up
- F2: Whistle (playable)
- F3: Whistle (short)
- F4: Cyl cocks open (on demand)
- F5: *Heavy Load (FT)*
- F6: *Coast mode (FT)*
- F7: *Brake (FT)*
- F8: Coupler
- F9: Injector
- F10: Air pump (off)
- F11: Coal shovelling (mute)
- F12: Water filling tender
- F13: Headlight dimmer
- F14: Handbrake
- F15: Safety valves (mute)

Image by Bidgee, CC BY-SA 3.0 au,
<https://commons.wikimedia.org/w/index.php?curid=28000459>

Sound functions: NSWGR 38 class



Decoder address: _____

- F0 Headlight and turbo-generator
- F1:** Mute/start-up
- F2: Whistle (playable)
- F3: Whistle (short)
- F4: Cyl cocks open (on demand)
- F5: *Heavy Load (FT)*
- F6: *Coast mode (FT)*
- F7: *Brake (FT)*
- F8: Coupler
- F9: Injector (mute)
- F10: Air pump (off)
- F11: Coal shovelling (mute)
- F12: Cyl cocks open (mute)
- F13: Headlight dimmer
- F14: Hiss (mute)
- F15: Safety valves (mute)



www.dccsound.com

Sound functions – NSWGR 40 class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|--|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down (#1) |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | - |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Condensate release valve |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fan (mute) |

Sound functions – NSWGR 41 class



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down (#1)
- F2 Long horn
- F3 Coupler crash and release
- F4 Cab door
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Prime-mover start-up & shut-down (#2)
- F9 Short horn
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders
- F17 Condensate release valve
- F18 Cab sounds: Reverser & Notching
- F19 Compressor & Radiator fan (mute)

Sound functions - NSWGR 42 class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn* |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn* |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fans (mute) |

*User selectable via CV163

Sound functions - NSWGR 421 class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn* |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn* |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fans (mute) |

*User selectable via CV163

Sound functions - NSWGR 43 class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn* |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn* |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Condensate release valve |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fan (mute) |

*User selectable via CV163

Sound functions – NSWGR 44 class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|---|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Wheel handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Condensate release valve |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fan (mute) |

*Trainorama 8 pin

Sound functions – NSWGR 44 class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Wheel handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Numberboards |
| F12 | White markers |
| F13 | Red markers |
| F14 | - |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Condensate release valve |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fan (mute) |

*Trainorama 21 pin

Sound functions – NSWGR 44 class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Wheel handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Numberboards |
| F12 | White markers |
| F13 | Red markers |
| F14 | - |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Condensate release valve |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fan (mute) |

*Auscision 21 pin

Sound functions – NSWGR 442 class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Numberboards |
| F12 | White markers |
| F13 | Red markers |
| F14 | - |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Condensate release valve |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fan (mute) |

*Auscision

Sound functions – NSWGR 442 class



Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn
- F3 Coupler crash and release
- F4 Dynamic brake
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Ratchet handbrake
- F9 Short horn
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders
- F17 Condensate release valve
- F18 Cab sounds: Reverser & Notching
- F19 Compressor & Radiator fan (mute)

www.dccsound.com

*Austrains

Sound functions – NSWGR 45 class



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn
- F3 Coupler crash and release
- F4 Dynamic brake
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Wheel handbrake
- F9 Short horn
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders
- F17 Condensate release valve
- F18 Cab sounds: Reverser & Notching
- F19 Compressor & Radiator fan (mute)

Sound functions – NSWGR 46 class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-------------------------------|
| F0 | Headlight |
| F1 | Panto up, fans & electrics |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | - |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | 2 nd pantograph |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Traction blower fan (mute) |
| F19 | Compressors (mute) |

Sound functions – NSWGR 47 class*



Decoder address: _____

- | | |
|-----------|---|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Cab door |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Wheel handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fan (mute) |

www.dccsound.com

*Trainorama 8 pin

Sound functions – NSWGR 47 class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Cab door |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Wheel handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Numberboards |
| F12 | White markers |
| F13 | - |
| F14 | - |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fan (mute) |

*Trainorama 21 pin

Sound functions – NSWGR 48 class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn** |
| F3 | Coupler crash and release |
| F4 | Cab door |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Handbrake |
| F9 | Short horn** |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Condensate release valve |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor (mute) |
| F20 | Air cylinder purge |

*Trainorama 8 pin

**User selectable via CV163

Sound functions – NSWGR 48 class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn** |
| F3 | Coupler crash and release |
| F4 | Cab door |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Handbrake |
| F9 | Short horn** |
| F10 | Curve squeal |
| F11 | Numberboards |
| F12 | White markers |
| F13 | Red markers |
| F14 | - |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Condensate release valve |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor (mute) |
| F20 | Air cylinder purge |

* Auscision 21 pin

**User selectable via CV163

Sound functions - NSWGR 49 class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Cab door |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor (mute) |
| F20 | Windscreen wipers |

*Trainorama 8 pin

Sound functions - NSWGR 49 class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|---|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Cab door |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Numberboards |
| F12 | Marker lights |
| F13 | - |
| F14 | - |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor (mute) |
| F20 | Windscreen wipers |

*Trainorama 21 pin

Sound functions - NSWGR 422 class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|---|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fans (mute) |

Sound functions – NSWGR 73 class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Cab door |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Wheel handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fan (mute) |

Sound functions – PTCNSW 80 class*



Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn
- F3 Coupler crash and release
- F4 Dynamic brake
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Ratchet handbrake
- F9 Short horn
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders
- F17 Condensate release valve
- F18 Cab sounds: Reverser & Notching
- F19 Compressor & Radiator fan (mute)

www.dccsound.com

*Austrains

Sound functions – PTCNSW 80 class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Numberboards |
| F12 | White markers |
| F13 | Red markers |
| F14 | - |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Condensate release valve |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fan (mute) |

*Auscision 21 pin

Sound functions – SRANSW 81 class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|---|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Low idle or Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode & bell |
| F8 | Air handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Aux 1 |
| F12 | Aux 2 |
| F13 | Aux 3 |
| F14 | Aux 4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Low note horn |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fans (mute) |
| F20 | Condensate valve (mute) |

*Austrains 8 pin

Sound functions – SRANSW 81 class*



www.dccsound.com

Decoder address: _____

- | | |
|-----|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Low idle or Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode & bell |
| F8 | Air handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Numberboards |
| F12 | White markers |
| F13 | Red markers |
| F14 | Ditchlights |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Low note horn |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fans (mute) |
| F20 | Condensate valve (mute) |

*SDS 21 pin

Sound functions – F/Corp 82 class



Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn
- F3 Coupler crash and release
- F4 Dynamic brake
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Air handbrake
- F9 Short horn
- F10 Curve squeal
- F11 Marker lights
- F13-14 Aux 3, 4
- F15 Headlight dimmer
- F16 Sanders
- F17 Low note horn
- F18 Yard horn
- F19 Compressor & Radiator fans (mute)
- F20 Condensate valve (mute)

www.dccsound.com

Sound functions – NSWGR 900 class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-movers start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Pass door & Guard's whistle |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Coast |
| F8 | Diesel alternator |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Interior lighting (reserved) |
| F12 | White markers |
| F13 | Red markers |
| F14 | Emergency airline PLV actuation |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Taildisc |
| F18 | Compressor & radiator fans (mute) |

CV170: 1=GMDD, 2=Cummins engines

Image used with permission © Bob Richardson

Sound functions – NSWGR 1200*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-movers start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Guard's whistle |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Coast |
| F8 | Diesel alternator |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Interior lighting |
| F12 | White markers |
| F13 | Red markers |
| F14 | Emergency airline PLV actuation |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Taildisc |
| F18 | Compressor & Radiator fans (mute) |

*Suits Trainbuilder

Sound functions – NSWGR Paybus



Decoder address: _____

- | | |
|-----------|--------------------|
| F0 | Headlight |
| F1 | Start-up |
| F2 | Long horn |
| F3 | Door |
| F4 | Guard's whistle |
| F5 | Drive hold |
| F6 | Brake |
| F7 | Shunting mode |
| F8 | Windscreen wipers |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | #1 end red markers |
| F12 | #2 end red markers |
| F13 | Aux 3 |
| F14 | Aux 14 |
| F15 | Headlight dimmer |
| F16 | Heavy load |
| F17 | Coast |
| F18 | Compressor (mute) |



Sound functions – SRANSW V SET



Decoder address: _____

- | | |
|-----------|------------------------------|
| F0 | Headlight |
| F1 | Start-up (requires F8 first) |
| F2 | Country horn |
| F3 | Coupler |
| F4 | Guard's whistle |
| F5 | - |
| F6 | Brake |
| F7 | Air compressor (off) |
| F8 | Pantograph up/down |
| F9 | City horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |



www.dccsound.com

Sound functions – NSWGR X200



Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn
- F3 Coupler crash and release
- F4 Cab door
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 -
- F9 Short horn
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer



www.dccsound.com

Sound functions – SRANSW Xplorer



www.dccsound.com

Decoder address: _____

- | | |
|-----------|---|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn (directional) |
| F3 | Scharfenberg coupler engage and release |
| F4 | Guard's whistle |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Air handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Announcement |
| F17 | - |
| F18 | - |
| F19 | Radiator fans (mute) |
| F20 | Condensate valve (mute) |

Sound functions – SRANSW XPT



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-movers start-up & shut-down |
| F2 | City horn |
| F3 | Country horn |
| F4 | Guard's whistle |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Service mode |
| F8 | Air handbrake |
| F9 | Mixed horn |
| F10 | Curve squeal |
| F11 | White markers |
| F12 | Red markers |
| F13 | Ditchlights |
| F14 | Announcement (Central) |
| F15 | Headlight dimmer |
| F16 | Announcement (Welcome) |
| F17 | Announcement (Departure) |
| F18 | Announcement (Buffet) |
| F19 | Announcement (fault) |

Sound functions – NSWGR PHA/PHN



www.dccsound.com

Decoder address: _____

- | | |
|-----|--------------------------------|
| F0 | Lighting output (F0f, F0r) |
| F1 | Genset #1 start-up & shut-down |
| F2 | Genset #2 start-up & shut-down |
| F3 | - |
| F4 | Guard's whistle |
| F5 | Station announcement |
| F6 | - |
| F7 | - |
| F8 | - |
| F9 | - |
| F10 | Flange squeal |
| F11 | Aux 1 |
| F12 | Aux 2 |
| F13 | Aux 3 |
| F14 | Aux 4 |
| F15 | Aux 5 |
| F16 | Aux 6 |
| F17 | Taildisc |

Image courtesy Marcus Wong

Sound functions – NSWGR PHS



www.dccsound.com

Decoder address: _____

F0	Lighting output (F0f, F0r)
F1	Genset #1 start-up & shut-down
F2	Genset #2 start-up & shut-down
F3	-
F4	Guard's whistle
F5	Station announcement
F6	-
F7	-
F8	-
F9	-
F10	Flange squeal
F11	Aux 1
F12	Aux 2
F13	Aux 3
F14	Aux 4
F15	Aux 5
F16	Aux 6
F17	Taildisc

Image courtesy Marcus Wong

Railways of Queensland

Sound functions - QR 1460 class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Cab door, Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Numberboards |
| F12 | White markers |
| F13 | Red markers |
| F14 | - |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fan (mute) |

Sound functions - QR 1502 class



DCCSOUND.com

www.dccsound.com

Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Cab door, Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Numberboards |
| F12 | White markers |
| F13 | Red markers |
| F14 | - |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fan (mute) |

Sound functions - QR 1550 class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Cab door, Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Numberboards |
| F12 | White markers |
| F13 | Red markers |
| F14 | - |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fan (mute) |

Sound functions - QR 1620 class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Cab door |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Numeral lights |
| F12 | Aux 2 |
| F13 | Aux 3 |
| F14 | Aux 4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Cab sounds: Reverser and Throttle |
| F19 | Compressor (mute) |

Sound functions - QR 1720 class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Cab door |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fan (mute) |

Sound functions - QR 2100 class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Cab door |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fans (mute) |

Sound functions - QR 2300 class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Cab door |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fans (mute) |

Sound functions - QR 2400 class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Cab door |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | - |
| F19 | Compressor & Radiator fans (mute) |

Sound functions - QR 2470 class



Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn
- F3 Coupler crash and release
- F4 Cab door
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Handbrake
- F9 Short horn
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders
- F17 -
- F18 Cab sounds: Reverser & Notching
- F19 Compressor & Radiator fans (mute)



www.dccsound.com

Railways of South Australia

Sound functions – SAR 500 class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Wheel handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Condensate release valve |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fan (mute) |

Sound functions – SAR 600 class



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn
- F3 Coupler crash and release
- F4 Dynamic brake
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Wheel handbrake
- F9 Short horn
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders
- F17 Condensate release valve
- F18 Cab sounds: Reverser & Notching
- F19 Compressor & Radiator fan (mute)

Sound functions – SAR 700 class



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn
- F3 Coupler crash and release
- F4 Dynamic brake
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Ratchet handbrake
- F9 Short horn
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders
- F17 Condensate release valve
- F18 Cab sounds: Reverser & Notching
- F19 Compressor & Radiator fan (mute)

Sound functions – SAR 800 class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|---|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Cab door |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Wheel handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | - |
| F19 | Compressor and radiator fan (mute) |
| F20 | Windscreen wipers |

Sound functions – SAR 830 class*



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn**
- F3 Coupler crash and release
- F4 Cab door
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Ratchet handbrake
- F9 Short horn**
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders
- F17 Condensate release valve
- F18 Cab sounds: Reverser & Notching
- F19 Compressor (mute)
- F20 Air cylinder purge

*Trainorama 8 pin

**User selectable via CV163

Sound functions – SAR 830 class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn** |
| F3 | Coupler crash and release |
| F4 | Cab door |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Handbrake |
| F9 | Short horn** |
| F10 | Curve squeal |
| F11 | Numberboards |
| F12 | White markers |
| F13 | Red markers |
| F14 | - |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Condensate release valve |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor (mute) |
| F20 | Air cylinder purge |

* Auscision 21 pin

**User selectable via CV163

Sound functions – SAR 900 class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Wheel handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Numberboards |
| F12 | White markers |
| F13 | Red markers |
| F14 | - |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | - |
| F19 | Compressor & Radiator fan (mute) |
| F20 | Windscreen wipers |

Sound functions – SAR 930 class*



Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Wheel handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Condensate release valve |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fan (mute) |

*Trainorama 8 pin

www.dccsound.com

Sound functions – SAR 930 class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Wheel handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Numberboards |
| F12 | White markers |
| F13 | Red markers |
| F14 | - |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Condensate release valve |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fan (mute) |

*Trainorama 21 pin

Sound functions: SAR SMC class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|------------------------|
| F0 | Headlight |
| F1 | Mute/start-up |
| F2 | Whistle (long) |
| F3 | Whistle (double) |
| F4 | Blow-down (on demand) |
| F5 | <i>Heavy Load (FT)</i> |
| F6 | <i>Coast mode (FT)</i> |
| F7 | <i>Brake (FT)</i> |
| F8 | Coupler |
| F9 | Injector (mute) |
| F10 | Air pump (mute) |
| F11 | Coal shovelling (mute) |
| F12 | Auto blowdown (off) |
| F13 | Headlight dimmer |
| F14 | Handbrake |
| F15 | Guard's call |
| F16 | Interior lighting |
| F17 | Curve squeal |

Sound functions – V&SAR PCO



www.dccsound.com

Decoder address: _____

F0	Lighting output (F0f, F0r)
F1	Genset #1 start-up & shut-down
F2	Genset #2 start-up & shut-down
F3	-
F4	Guard's whistle
F5	Station announcement
F6	-
F7	-
F8	-
F9	-
F10	Flange squeal
F11	Aux 1
F12	Aux 2
F13	Aux 3
F14	Aux 4
F15	Aux 5
F16	Aux 6
F17	Taildisc

Railways of Tasmania

Sound functions – TGR V class



www.dccsound.com

Decoder address: _____

F0	Headlight
F1	Prime-mover start-up & shut-down
F2	Long horn
F3	Coupler
F4	Cab door
F5	<i>Drive hold (FT)</i>
F6	<i>Brake application (FT)</i>
F7	Shunting mode
F8	Handbrake
F9	Short horn
F10	Curve squeal
F11-14	Aux 1-4
F15	-
F16	-
F17	-
F18	-
F19	Compressor (mute)
F20	Windscreen wipers

Sound functions – TGR X class



Decoder address: _____

- | | |
|-----------|---|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Cab door |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Wheel handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | - |
| F19 | Compressor and radiator fan (mute) |
| F20 | Windscreen wipers |

www.dccsound.com

Sound functions – TGR Y class



www.dccsound.com

Decoder address: _____

F0	Headlight
F1	Prime-mover start-up & shut-down
F2	Long horn
F3	Coupler crash and release
F4	Cab door
F5	<i>Drive hold (FT)</i>
F6	<i>Brake application (FT)</i>
F7	Shunting mode
F8	Wheel handbrake
F9	Short horn
F10	Curve squeal
F11-14	Aux 1-4
F15	Headlight dimmer
F16	Sanders
F17	-
F18	-
F19	Compressor and radiator fan (mute)
F20	Windscreen wipers

Railways of Victoria

Sound functions - VR B class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Taildisc |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fans (mute) |

Sound functions - VR B class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|---|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Numberboards |
| F12 | White markers |
| F13 | Red markers |
| F14 | Fog lights |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Taildisc |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fans (mute) |

*Auscision 21 pin

Sound functions - VR C class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|---|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Taildisc |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fans (mute) |

*Austrains

Sound functions - VR C class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Numberboards |
| F12 | White markers |
| F13 | Red markers |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Taildisc |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fans (mute) |

*Auscision 21 pin

Sound functions - VR E class



www.dccsound.com

F0	Headlight
F1	Panto up & traction motor fans
F2	Long horn
F3	Coupler
F4	Guard's whistle
F5	Rail clack – slow speed (mute)
F6	<i>Brake (FT)</i>
F7	Shunting mode
F8	Rail clack/doppler – high speed (mute)
F9	Short horn
F10	Curve squeal
F11	Aux 1
F12	Aux 2
F13	Aux 5
F14	Aux 6
F15	Headlight dimmer
F16	Windscreen wiper
F17	Taildisc
F18	Compressor (mute)
F19	Dynamometer fan (mute)

Sound functions - VR F class



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn*
- F3 Coupler crash and release
- F4 Cab door
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Cold-start (activate before F1)
- F9 Short horn*
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Engine lube priming
- F16 Sandbox lid access
- F17 Taildisc

*User selectable via CV165

Sound functions - VR H class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn* |
| F3 | Coupler crash and release |
| F4 | Cab door / Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Handbrake |
| F9 | Short horn* |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Taildisc |
| F18 | Cab sounds |
| F19 | Compressor (mute) |
| F20 | Windscreen wipers |

*User selectable via CV165

Sound functions - VR L class



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Panto up, fans & electric drive
- F2 Long horn*
- F3 Coupler crash and release
- F4 Dynamic brake
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 2nd pantograph
- F9 Short horn*
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders
- F17 Taildisc
- F18 Speed recorder (Hasler)
- F19 Compressor (mute)
- F20 MU hoses

*User selectable via CV165

Sound functions - VR RT class



Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn
- F3 Coupler crash and release
- F4 Cab door
- F5 Low gear / *Heavy Load (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Windscreen wiper
- F9 Short horn
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 -
- F16 Sanding box
- F17 Taildisc



www.dccsound.com

Sound functions - VR S class



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn*
- F3 Coupler crash and release
- F4 Dynamic brake
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Ratchet handbrake
- F9 Short horn*
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders
- F17 Taildisc
- F18 Cab sounds: Reverser & Notching
- F19 Compressor & Radiator fans (mute)

*User selectable via CV165

Sound functions - VR T class (T1)



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn*
- F3 Coupler crash and release
- F4 Cab door / Dynamic brake
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Handbrake
- F9 Short horn*
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders
- F17 Taildisc
- F18 Cab sounds
- F19 Compressor (mute)
- F20 Windscreen wipers

*User selectable via CV165

Sound functions - VR T class (T2)



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn*
- F3 Coupler crash and release
- F4 Cab door / Dynamic brake
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Handbrake
- F9 Short horn*
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders
- F17 Taildisc
- F18 Cab sounds
- F19 Compressor (mute)
- F20 Windscreen wipers

*User selectable via CV165

Sound functions - VR T class (T3,4)



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn*
- F3 Coupler crash and release
- F4 Cab door / Dynamic brake
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Handbrake
- F9 Short horn*
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders
- F17 Taildisc
- F18 Cab sounds
- F19 Compressor (mute)
- F20 Windscreen wipers

*User selectable via CV165

Sound functions - VR T class (T5)



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn*
- F3 Coupler crash and release
- F4 Cab door / Dynamic brake
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Handbrake
- F9 Short horn*
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders
- F17 Taildisc
- F18 Cab sounds
- F19 Compressor (mute)
- F20 Windscreen wipers

*User selectable via CV165

Sound functions - VR W class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn* |
| F3 | Coupler crash and release |
| F4 | Cab door |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | - |
| F9 | Short horn* |
| F10 | Curve squeal |
| F11 | Markers #1 end leading |
| F12 | Markers #2 end leading |
| F13-14 | Aux 3 & 4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Taildisc |
| F18 | Cab sounds: Reverser (off) |
| F19: | Compressor (mute) |

*User selectable via CV165

Sound functions - VR X class (1st ser.)



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn*
- F3 Coupler crash and release
- F4 Dynamic brake
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Ratchet handbrake
- F9 Short horn*
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders
- F17 Taildisc
- F18 Cab sounds: Reverser & Notching
- F19 Compressor & Radiator fans (mute)

*User selectable via CV165

Sound functions - VR X class (2nd/3rd series)



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn*
- F3 Coupler crash and release
- F4 Dynamic brake
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Ratchet handbrake
- F9 Short horn*
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders
- F17 Taildisc
- F18 Cab sounds: Reverser & Notching
- F19 Compressor & Radiator fans (mute)

*User selectable via CV165

Sound functions - VR Y class (1st ser.)



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn*
- F3 Coupler crash and release
- F4 Cab door
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Ratchet handbrake
- F9 Short horn*
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders
- F17 Taildisc
- F18 Cab sounds: Reverser & Notching
- F19 Compressor & Radiator fan (mute)

*User selectable via CV165

Sound functions - VR Y class (2nd ser.)



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn*
- F3 Coupler crash and release
- F4 Cab door
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Ratchet handbrake
- F9 Short horn*
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders
- F17 Taildisc
- F18 Cab sounds: Reverser & Notching
- F19 Compressor & Radiator fan (mute)

*User selectable via CV165

Sound functions – V/line A class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Low idle & Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Taildisc |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fans (mute) |
| F20 | Low note horn |
| F21 | TPWS/Radio |

Sound functions – V/line G class*



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn
- F3 Coupler crash and release
- F4 Low idle & Dynamic brake
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Switching mode
- F8 Ratchet handbrake
- F9 Short horn
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders
- F17 Taildisc
- F18 Cab sounds: Reverser & Notching
- F19 Compressor & Radiator fans (mute)
- F20 Low note horn
- F21 Radio
- F22 Windshield wipers

*Austrains (series 2/3)

Sound functions – V/Line G class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Low idle & Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Numberboards |
| F12 | White markers |
| F13 | Red markers |
| F14 | Ditchlights |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Taildisc |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fans (mute) |
| F20 | Low note horn |
| F21 | Radio |
| F22 | Windshield wipers |

*Auscision (series 1)

Sound functions – V/line N class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|---|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Low idle & Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Head-End Power (HEP) unit |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Taildisc |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor, radiator fans, spitter (mute) |
| F20 | Low note horn |
| F21 | TPWS/Radio |
| F22 | Windshield wipers |

* 8 pin

Sound functions – VLP N class*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|--|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Low idle & Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Head-End Power (HEP) unit |
| F8 | Electro-mechanical handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Taildisc |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor, radiator fans & ASV (mute) |
| F20 | Low note horn |
| F21 | TPWS/Radio |
| F22 | Windshield wipers |
| F23 | Bell |

* 8 pin

Sound functions – V/line N class*



www.dccsound.com

Decoder address: _____

F0	Headlight
F1	Prime-mover start-up & shut-down
F2	Long horn
F3	Coupler crash and release
F4	Low idle & Dynamic brake
F5	<i>Drive hold (FT)</i>
F6	<i>Brake application (FT)</i>
F7	Head-End Power (HEP) unit
F8	Ratchet handbrake
F9	Short horn
F10	Curve squeal
F11	Numberboards
F12	White markers
F13	Red markers
F14	Ditchlights
F15	Headlight dimmer
F16	Sanders
F17	Taildisc
F18	Cab sounds: Reverser & Notching
F19	Compressor & radiator fans (mute)
F20	Low note horn
F21	TPWS/Radio
F22	Windshield wipers
F23	Bell

* 21 pin

Sound functions – VLP N class*



www.dccsound.com

Decoder address: _____

F0	Headlight
F1	Prime-mover start-up & shut-down
F2	Long horn
F3	Coupler crash and release
F4	Low idle & Dynamic brake
F5	<i>Drive hold (FT)</i>
F6	<i>Brake application (FT)</i>
F7	Head-End Power (HEP) unit
F8	Electro-mechanical handbrake
F9	Short horn
F10	Curve squeal
F11	Numberboards
F12	White markers
F13	Red markers
F14	Ditchlights
F15	Headlight dimmer
F16	Sanders
F17	Taildisc
F18	Cab sounds: Reverser & Notching
F19	Compressor, radiator fans & ASV (mute)
F20	Low note horn
F21	TPWS/Radio
F22	Windshield wipers
F23	Bell

* 21 pin

Sound functions – V/line P class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Low-idle (reverser in/out) |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Head-End Power (HEP) unit |
| F8 | Ratchet handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Taildisc |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fan (mute) |
| F20 | TPWS/Radio |

Sound functions - VR AEC



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn
- F3 Coupler crash and release
- F4 Doors
- F5 Low gear / *Heavy Load (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Windscreen wiper
- F9 Short horn
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Sanders
- F16 Taildisc

Sound functions - VR DERM



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-movers start-up & shut-down |
| F2 | Long horn* |
| F3 | Coupler crash and release |
| F4 | Door closure & Guard's whistle |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Series-Parallel movement |
| F9 | Short horn* |
| F10 | Curve squeal |
| F11 | Markers #1 end leading |
| F12 | Markers #2 end leading |
| F13 | Interior lighting |
| F14 | - |
| F15 | Headlight dimmer |
| F16 | Windscreen wipers |
| F17 | Taildisc |
| F18 | Compressor (mute) |

*User selectable via CV165

Sound functions - VR Super DERM



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Prime-movers start-up & shut-down
- F2 Long horn*
- F3 Coupler crash and release
- F4 Door closure & Guard's whistle
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- F7 Shunting mode
- F8 Series-Parallel movement
- F9 Short horn*
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Windscreen wipers
- F17 Taildisc
- F18 Compressor (mute)

*User selectable via CV165

Sound functions – VR DRC*



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-movers start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Guard's whistle |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Coast |
| F8 | Diesel alternator |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Interior lighting |
| F12 | White markers |
| F13 | Red markers |
| F14 | Emergency airline PLV actuation |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Taildisc |
| F18 | Compressor & Radiator fans (mute) |

*Suits Trainbuilder

Sound functions – VR 153 Walker



www.dccsound.com

Decoder address: _____

- | | |
|-----------|---------------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Walker coupler pin |
| F4 | Doors open / close & Guard's whistle |
| F5 | Rail clack |
| F6 | <i>Brake application/release (FT)</i> |
| F7 | Shunting mode |
| F8 | Handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | White markers (Aux 1) |
| F12 | Red markers (Aux 2) |
| F13 | Cab light (Aux 3) |
| F14 | Gauge light (Aux 4) |
| F15 | Headlight dimmer |
| F16 | Windscreen wiper |
| F17 | Taildisc |
| F18 | Control stand (mute) |

Sound functions – VR 280 Walker



www.dccsound.com

Decoder address: _____

- | | |
|-----------|---------------------------------------|
| F0 | Headlight |
| F1 | Prime-movers start-up & shut-down |
| F2 | Long horn |
| F3 | Walker coupler pin |
| F4 | Doors open / close & Guard's whistle |
| F5 | Rail clack |
| F6 | <i>Brake application/release (FT)</i> |
| F7 | Shunting mode |
| F8 | Handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | White markers (Aux 1) |
| F12 | Red markers (Aux 2) |
| F13 | Cab light (Aux 3) |
| F14 | Gauge light (Aux 4) |
| F15 | Headlight dimmer |
| F16 | Windscreen wiper |
| F17 | Taildisc |
| F18 | Control stand (mute) |

Sound functions – V/line Sprinter



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Prime-movers start-up & shut-down
- F2 Country horn
- F3 Scharfenberg coupler engage and release
- F4 Door closure
- F5 Idle up/air charge
- F6 *Brake application (FT)*
- F7 City horn
- F8 TPWS & radio check
- F9 Mixed horn
- F10 Curve squeal
- F11 Interior lighting
- F12-14 Aux 1,3,4
- F15 Headlight dimmer
- F16 Sanders
- F17 Door closure (extended)

Sound functions – V/line Vlocity



www.dccsound.com

Decoder address: _____

- | | |
|-----------|---|
| F0 | Headlight |
| F1 | Prime-mover #1 |
| F2 | Country horn |
| F3 | Scharfenberg coupler |
| F4 | Doors |
| F5 | Auxillary power Genset (activate before F1) |
| F6 | <i>Brake application (FT)</i> |
| F7 | City horn |
| F8 | Prime-mover #2 |
| F9 | Mixed horn |
| F10 | Curve squeal |
| F11 | Interior lighting |
| F12 | #1 end marker lights |
| F13 | #2 end marker lights |
| F14 | TPWS tone & radio check |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Pass by |
| F18 | Radiator fans (mute) |

Sound functions – V/line PCO/PCJ



www.dccsound.com

Decoder address: _____

F0	Lighting output (F0f, F0r)
F1	Genset #1 start-up & shut-down
F2	Genset #2 start-up & shut-down
F3	-
F4	Guard's whistle
F5	Station announcement
F6	-
F7	-
F8	-
F9	-
F10	Flange squeal
F11	Aux 1
F12	Aux 2
F13	Aux 3
F14	Aux 4
F15	Aux 5
F16	Aux 6
F17	Taildisc

Sound functions – V/line PH van



www.dccsound.com

Decoder address: _____

- F0 Lighting output (F0f, F0r)
- F1 Genset #1 start-up & shut-down
- F2 Idle-up
- F3 -
- F4 -
- F5 Guard's whistle
- F6 Flange squeal
- F11-14 Aux 1-4

Sound CVs for GMDD prime movers:

Sound CV1: Idle 1st run time: CV155: 0...255

Sound CV2: High idle run time: CV156: 0...255

Sound CV3: Idle cycling run time: CV157: 0...255

Image courtesy: <https://railgallery.wongm.com/>

Sound functions - VR Comeng EMU



www.dccsound.com

Decoder address: _____

F0	Headlight
F1	Panto up & traction motor fans
F2	Long horn
F3	Coupler
F4	Doors
F5	Rail clack
F6	<i>Brake (FT)</i>
F7	Shunting mode
F8	-
F9	-
F10	Curve squeal
F11	Aux 1
F12	Aux 2
F13	Aux 3
F14	Aux 4
F15	Headlight dimmer
F16	Fans (mute)
F17	-
F18	Compressor (mute)

Sound functions - VR Harris EMU



www.dccsound.com

Decoder address: _____

- | | |
|-----------|---------------------------------|
| F0 | Headlight |
| F1 | Panto up & traction motor fans |
| F2 | Long horn |
| F3 | Coupler |
| F4 | Doors, departure signal |
| F5 | Rail clack – slow speed (mute) |
| F6 | <i>Brake (FT)</i> |
| F7 | Shunting mode |
| F8 | Windows |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Destination board (directional) |
| F12 | Route lights (directional) |
| F13 | Red markers (directional) |
| F14 | Windscreen wiper |
| F15 | Headlight dimmer |
| F16 | Guard's bell |
| F17 | Taildisc |
| F18 | Compressor (mute) |
| F19 | Cab sounds |

Image courtesy Mark Bau

Sound functions - VR Hitachi EMU



www.dccsound.com

Decoder address: _____

F0	Headlight
F1	Panto up & traction motor fans
F2	Long horn
F3	Coupler
F4	Doors
F5	Rail clack (mute)
F6	<i>Brake (FT)</i>
F7	Shunting mode
F8	Windows
F9	Short horn
F10	Curve squeal
F11	Aux 1
F12	Aux 2
F13	Aux 3
F14	Aux 4
F15	Headlight dimmer
F16	Fans (mute)
F17	-
F18	Compressor (mute)

Sound functions - VR Tait EMU



www.dccsound.com

Decoder address: _____

- | | |
|-----------|--|
| F0 | Headlight |
| F1 | Panto up & traction motor fans |
| F2 | Long horn |
| F3 | Coupler |
| F4 | Doors, departure signal |
| F5 | Rail clack – slow speed (mute) |
| F6 | <i>Brake (FT)</i> |
| F7 | Shunting mode |
| F8 | Rail clack/doppler – high speed (mute) |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Destination board (directional) |
| F12 | Canopy lights (directional) |
| F13 | Red markers (directional) |
| F14 | Windscreen wiper |
| F15 | Headlight dimmer |
| F16 | Guard's whistle or bell |
| F17 | Taildisc |
| F18 | Compressor (mute) |
| F19 | Dynamometer (mute) |

Sound functions - VR Parcels Coach



www.dccsound.com

Decoder address: _____

- | | |
|-----------|--|
| F0 | Headlight |
| F1 | Panto up & traction motor fans |
| F2 | Long horn |
| F3 | Coupler |
| F4 | Doors |
| F5 | Rail clack – slow speed (mute) |
| F6 | <i>Brake (FT)</i> |
| F7 | Shunting mode |
| F8 | Rail clack/doppler – high speed (mute) |
| F9 | Short horn |
| F10 | Curve squeal |
| F11 | Destination board (directional) |
| F12 | Canopy lights (directional) |
| F13 | Red markers (directional) |
| F14 | Windscreen wiper |
| F15 | Headlight dimmer |
| F16 | Guard's whistle |
| F17 | Taildisc |
| F18 | Compressor (mute) |
| F19 | Dynamometer (mute) |

Sound functions - VR Parcels Coach*



www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Panto up & traction motor fans
- F2 Long horn
- F3 Coupler
- F4 Doors
- F5 Rail clack – slow speed (mute)
- F6 *Brake (FT)*
- F7 Shunting mode
- F8 Rail clack/doppler – high speed (mute)
- F9 Short horn
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Guard's whistle
- F17 Taildisc
- F18 Compressor (mute)
- F19 Dynamometer (mute)

*Trainbuilder

Sound functions: VR A² class steam



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-------------------------------|
| F0 | Headlight and turbo-generator |
| F1 | Mute/start-up |
| F2 | Whistle (playable) |
| F3 | Whistle (short) |
| F4 | Cyl cocks open (on demand) |
| F5 | <i>Heavy Load (FT)</i> |
| F6 | <i>Coast mode (FT)</i> |
| F7 | <i>Brake (FT)</i> |
| F8 | Coupler |
| F9 | Injector (mute) |
| F10 | Air pump (mute) |
| F11 | Coal shovelling (mute)* |
| F12 | Cyl cocks open (mute) |
| F13 | Headlight dimmer |
| F14 | Handbrake |
| F15 | Safety valve (mute) |
| F16 | Whistle (medium) |
| F17 | Taildisc |
| F18 | Reverser |
| F19 | Whistle short (with quill) |
| F20 | Whistle short (triple) |

*Disabled for oil burner

Sound functions: VR N^A class



Decoder address: _____

- F0 Headlight and turbo-generator
- F1** Mute/start-up
- F2 Whistle (medium)
- F3 Whistle (short)
- F4 Blow-down (on demand)
- F5 *Heavy Load (FT)*
- F6 *Coast mode (FT)*
- F7 *Brake (FT)*
- F8 Coupler
- F9 Injector (mute)
- F10 Air pump (mute)
- F11 Coal shovelling (mute)
- F12 Auto blowdown (mute)
- F13 Long whistle
- F14 Lubricator



www.dccsound.com

Sound functions: VR C class



www.dccsound.com

Decoder address: _____

F0	Headlight and turbo-generator
F1	Mute/start-up
F2	Whistle (long)
F3	Whistle (short)
F4	Cylinders open
F5	<i>Heavy Load (FT)</i>
F6	<i>Coast mode (FT)</i>
F7	<i>Brake (FT)</i>
F8	Coupler
F9	Injector (mute)
F10	Air pump (mute)
F11	Coal shovelling (mute)
F12	Cylinders bypass
F13	Headlight dimmer
F14	Handbrake
F15	Safety valve (mute)
F16	Whistle (medium)
F17	Taildisc
F18	-
F19	-
F20	Sanders
F21	Curve squeal
F22	Ashpan emptying

Sound functions: VR D³ class



www.dccsound.com

Decoder address: _____

- F0 Headlight and turbo-generator
- F1** Mute/start-up
- F2 Whistle (playable)
- F3 Whistle (short #1)
- F4 Blow-down (on demand)
- F5 *Heavy Load (FT)*
- F6 *Coast mode (FT)*
- F7 *Brake (FT)*
- F8 Coupler
- F9 Injector (mute)
- F10 Air pump (mute)
- F11 Coal shovelling (mute)
- F12 Auto blowdown (mute)
- F13 Headlight dimmer
- F14 Engine marker lights
- F15 Tender marker lights
- F16 Whistle (short #2)
- F17 Taildisc

Sound functions: VR EE class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-------------------------------|
| F0 | Headlight and turbo-generator |
| F1 | Mute/start-up |
| F2 | Whistle (main) |
| F3 | Whistle (shunting) |
| F4 | Blow-down (on demand) |
| F5 | <i>Heavy Load (FT)</i> |
| F6 | <i>Coast mode (FT)</i> |
| F7 | <i>Brake (FT)</i> |
| F8 | Coupler |
| F9 | Injector (mute) |
| F10 | Air pump (mute) |
| F11 | Coal shovelling (mute) |
| F12 | Auto blowdown (mute) |
| F13 | Headlight dimmer |
| F14 | Handbrake |
| F15 | Safety valves (mute) |
| F16 | - |
| F17 | Taildisc |

Sound functions: VR G class



Decoder address: _____

- F0 Headlight and turbo-generator
- F1 Mute/start-up
- F2 Medium whistle
- F3 Short whistle
- F4 Blow-down (on demand)
- F5 *Heavy Load (FT)*
- F6 *Coast mode (FT)*
- F7 *Brake (FT)*
- F8 Coupler
- F9 Injector
- F10 Air pump (off)
- F11 Coal shovelling
- F12 Auto blowdown (off)
- F13 Headlight dimmer



www.dccsound.com

Sound functions: VR H class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-------------------------------|
| F0 | Headlight and turbo-generator |
| F1 | Mute/start-up |
| F2 | Whistle (playable) |
| F3 | Whistle (short) |
| F4 | Cyl cocks open (on demand) |
| F5 | <i>Heavy Load (FT)</i> |
| F6 | <i>Coast mode (FT)</i> |
| F7 | <i>Brake (FT)</i> |
| F8 | Coupler |
| F9 | Injector (mute) |
| F10 | Air pump (off) |
| F11 | Coal shovelling (mute) |
| F12 | Cyl cocks open (mute) |
| F13 | Headlight dimmer |
| F14 | Handbrake |
| F15 | Safety valves (mute) |
| F16 | - |
| F17 | Taildisc |

Sound functions: VR J class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-------------------------------|
| F0 | Headlight and turbo-generator |
| F1 | Mute/start-up |
| F2 | Whistle (playable) |
| F3 | Whistle (short) |
| F4 | Cyl cocks open (on demand) |
| F5 | <i>Heavy Load (FT)</i> |
| F6 | <i>Coast mode (FT)</i> |
| F7 | <i>Brake (FT)</i> |
| F8 | Coupler |
| F9 | Injector (mute) |
| F10 | Air pump (off) |
| F11 | Coal shovelling (mute)* |
| F12 | Cyl cocks open (mute) |
| F13 | Headlight dimmer |
| F14 | Handbrake |
| F15 | Safety valves (mute) |
| F16 | Whistle (medium) |
| F17 | Taildisc |

*Disabled for oil burner

Sound functions: VR K class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-------------------------------|
| F0 | Headlight and turbo-generator |
| F1 | Mute/start-up |
| F2 | Whistle (long) |
| F3 | Whistle (short) |
| F4 | Cylinders open |
| F5 | <i>Heavy Load (FT)</i> |
| F6 | <i>Coast mode (FT)</i> |
| F7 | <i>Brake (FT)</i> |
| F8 | Coupler |
| F9 | Injector (mute) |
| F10 | Air pump (mute) |
| F11 | Coal shovelling (mute) |
| F12 | Cylinders bypass |
| F13 | Headlight dimmer |
| F14 | Handbrake |
| F15 | Safety valve (mute) |
| F16 | Whistle (medium) |
| F17 | Taildisc |
| F18 | Engine marker lights (SDS) |
| F19 | Tender marker lights (SDS) |
| F20 | Sanders |
| F21 | Curve squeal |
| F22 | Ashpan emptying |

Sound functions: VR N class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-------------------------------|
| F0 | Headlight and turbo-generator |
| F1 | Mute/start-up |
| F2 | Whistle (long) |
| F3 | Whistle (short) |
| F4 | Cylinders open |
| F5 | <i>Heavy Load (FT)</i> |
| F6 | <i>Coast mode (FT)</i> |
| F7 | <i>Brake (FT)</i> |
| F8 | Coupler |
| F9 | Injector (mute) |
| F10 | Air pump (mute) |
| F11 | Coal shovelling (mute) |
| F12 | Cylinders bypass |
| F13 | Headlight dimmer |
| F14 | Handbrake |
| F15 | Safety valve (mute) |
| F16 | Whistle (medium) |
| F17 | Taildisc |
| F18 | Engine marker lights (SDS) |
| F19 | Tender marker lights (SDS) |
| F20 | Sanders |
| F21 | Curve squeal |
| F22 | Ashpan emptying |

Sound functions: VR R class



www.dccsound.com

Decoder address: _____

- F0 Headlight and turbo-generator
- F1** Mute/start-up
- F2 Whistle (playable)
- F3 Whistle (short)
- F4 Cyl cocks open (on demand)
- F5 *Heavy Load (FT)*
- F6 *Coast mode (FT)*
- F7 *Brake (FT)*
- F8 Coupler
- F9 Injector (mute)
- F10 Air pump (off)
- F11 Coal shovelling (mute)*
- F12 Cyl cocks open (mute)
- F13 Headlight dimmer
- F14 Handbrake
- F15 Safety valves (mute)
- F16 Whistle (medium)
- F17 Taildisc

*Disabled for oil burner

Sound functions: VR S class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-------------------------------|
| F0 | Headlight and turbo-generator |
| F1 | Mute/start-up |
| F2 | Whistle (playable) |
| F3 | Whistle (short) |
| F4 | Cyl cocks open (on demand) |
| F5 | <i>Heavy Load (FT)</i> |
| F6 | <i>Coast mode (FT)</i> |
| F7 | <i>Brake (FT)</i> |
| F8 | Coupler |
| F9 | Injector (mute) |
| F10 | Air pump (off) |
| F11 | Coal shovelling (mute) |
| F12 | Cyl cocks open (mute) |
| F13 | Headlight dimmer |
| F14 | Handbrake |
| F15 | Safety valves (mute) |
| F16 | Whistle (medium) |
| F17 | Taildisc |

Sound functions: VR X class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-------------------------------|
| F0 | Headlight and turbo-generator |
| F1 | Mute/start-up |
| F2 | Whistle (playable) |
| F3 | Whistle (short) |
| F4 | Cyl cocks open (on demand) |
| F5 | <i>Heavy Load (FT)</i> |
| F6 | <i>Coast mode (FT)</i> |
| F7 | <i>Brake (FT)</i> |
| F8 | Coupler |
| F9 | Injector (mute) |
| F10 | Air pump (off) |
| F11 | Coal shovelling (mute) |
| F12 | Cyl cocks open (mute) |
| F13 | Headlight dimmer |
| F14 | Handbrake |
| F15 | Safety valves (mute) |
| F16 | Whistle (medium) |
| F17 | Taildisc |

Sound functions: VR Y class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-------------------------------|
| F0 | Headlight and turbo-generator |
| F1 | Mute/start-up |
| F2 | Whistle (playable) |
| F3 | Whistle (short) |
| F4 | Cylinders (closed) |
| F5 | <i>Heavy Load (FT)</i> |
| F6 | <i>Coast mode (FT)</i> |
| F7 | <i>Brake (FT)</i> |
| F8 | Coupler |
| F9 | Injector (mute) |
| F10 | Air pump (off) |
| F11 | Coal shovelling (mute) |
| F12 | Marker lights |
| F13 | Headlight dimmer |
| F14 | Handbrake |
| F15 | Safety valves (mute) |
| F16 | Steam bypass (mute) |
| F17 | Taildisc |

Railways of Western Australia

Sound functions – MRWA F class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|------------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn |
| F3 | Coupler crash and release |
| F4 | Cab door |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Wheel handbrake |
| F9 | Short horn |
| F10 | Curve squeal |
| F11-14 | Aux 1-4 |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | - |
| F18 | - |
| F19 | Compressor and Radiator fan (mute) |
| F20 | Windscreen wipers |

Sound functions – WAGR L class



www.dccsound.com

Decoder address: _____

- | | |
|-----------|-----------------------------------|
| F0 | Headlight |
| F1 | Prime-mover start-up & shut-down |
| F2 | Long horn* |
| F3 | Coupler crash and release |
| F4 | Dynamic brake |
| F5 | <i>Drive hold (FT)</i> |
| F6 | <i>Brake application (FT)</i> |
| F7 | Shunting mode |
| F8 | Wheel handbrake |
| F9 | Short horn* |
| F10 | Curve squeal |
| F11 | Aux 1 |
| F12 | Aux 2 |
| F13 | Ditchlights (Aux 3, 4) |
| F15 | Headlight dimmer |
| F16 | Sanders |
| F17 | Low note horn |
| F18 | Cab sounds: Reverser & Notching |
| F19 | Compressor & Radiator fans (mute) |

*User selectable via CV165

Copyright notice

Images contained in this document used with permission and remain the ownership of their original creators.