

DCCSound functions
Suitable for ESU LokSound 5 decoders



Q2 2026

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 *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 -
- 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 *Drive hold (FT)*
 - F6 *Brake application (FT)*
 - 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



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 -
- F18 Cab sounds: Reverser & Notching
- F19 Compressor & Radiator fans (mute)



www.dccsound.com

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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *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 -
- 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 *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 -
- 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 *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 -
- F18 Cab sounds: Reverser & Notching
- F19 Compressor & Radiator fans (mute)

* Trainorama 8 pin

**User selectable via CV163

Sound functions – GM1 class*



www.dccsound.com

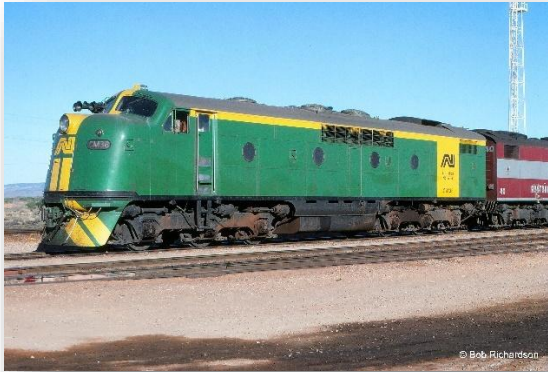
Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn**
- F3 Coupler crash and release
- F4 -
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *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 -
- F18 Cab sounds: Reverser & Notching
- F19 Compressor & Radiator fans (mute)

* Trainorama 8 pin

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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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

Sound functions – CR HGM van



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



www.dccsound.com

Sound functions – NJ class



Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn
- F3 Coupler crash and release
- F4 Guard's whistle
- F5 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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)



www.dccsound.com

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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *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 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 *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 -
- F18 Cab sounds: Reverser & Notching
- F19 Compressor & Radiator fans (mute)

*User selectable via CV163

Sound functions - NSWGR 421 class



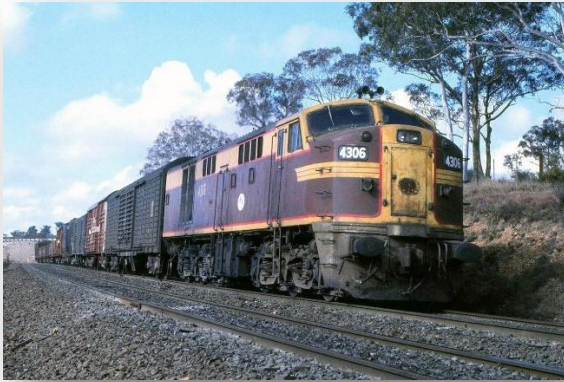
www.dccsound.com

Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn*
- F3 Coupler crash and release
- F4 Dynamic brake
- F5 *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 -
- 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 *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)

*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 *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)

*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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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



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)

*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 *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 -
- F18 Traction blower fan (mute)
- F19 Compressors (mute)

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 *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 -
- F18 Cab sounds: Reverser & Notching
- F19 Compressor & Radiator fan (mute)

*Trainorama 8 pin

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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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)



www.dccsound.com

*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 *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 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *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 -
- 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *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 -
- F18 Cab sounds: Reverser & Notching
- F19 Compressor & Radiator fans (mute)

Sound functions – NSWGR 73 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 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

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 *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)

*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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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



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 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)

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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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)



www.dccsound.com

Sound functions – SRANSW U SET



Decoder address: _____

- F0 Headlight
- F1** Start-up
- F2 Long horn
- F3 Coupler
- F4 Guard's whistle
- F5 Rail clack
- F6 Brake
- F7 Door (open/close)
- F8 Window (open/close)
- F9 Short horn
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Guard's bell
- F17 Windscreen wiper
- F18 Compressor (mute)
- F19 Control stand



www.dccsound.com

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 Wheel handbrake
- F9 Short horn
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders



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 *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 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 (FOf, FO_r)
- 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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

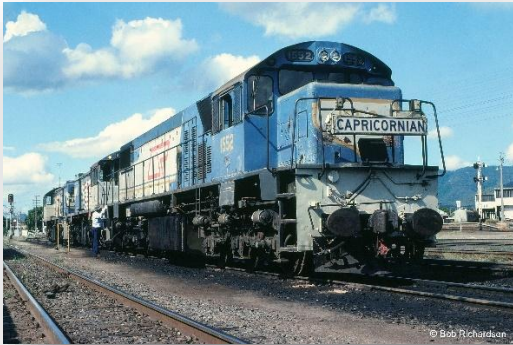


www.dccsound.com

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 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *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 -
- F18 Cab sounds: Reverser & Notching
- F19 Compressor & Radiator fan (mute)

Sound functions - QR 2100 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

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 *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)

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 *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 -
- 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



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)



www.dccsound.com

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



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

Sound functions – SAR 800 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 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 – 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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*



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)

*Trainorama 8 pin

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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *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 (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



Decoder address: _____

- F0 Headlight
- F1** Prime-mover start-up & shut-down
- F2 Long horn
- F3 Coupler
- 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 -
- F16 -
- F17 -
- F18 -
- F19 Compressor (mute)
- F20 Windscreen wipers



www.dccsound.com

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 *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 -
- 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 *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 -
- F18 -
- F19 Compressor and radiator fan (mute)
- F20 Windscreen wipers

Railways of Victoria

Sound functions - VR B 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 Taildisc
- F18 Cab sounds: Reverser & Notching
- F19 Compressor & Radiator fans (mute)



www.dccsound.com

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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *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)

*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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *Brake (FT)*
- 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



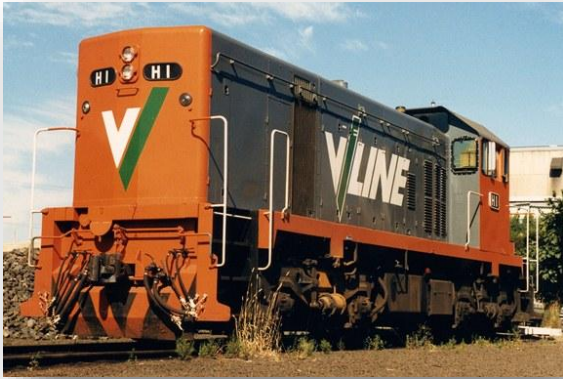
www.dccsound.com

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 *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 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *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)
- 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *Drive hold (FT)*
 - F6 *Brake application (FT)*
 - 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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



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



www.dccsound.com

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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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 *Brake application/release (FT)*
- 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 *Brake application/release (FT)*
- 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 *Brake application (FT)*
- F7 City horn
- F8 Prime-mover #2
- F9 Mixed horn
- F10 Curve squeal
- F11 Interior lighting
- F12 Marker lights
- F13 Guard's whistle
- 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



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



www.dccsound.com

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 (mute)
- F6 *Brake (FT)*
- 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 or whistle
- F17 Taildisc
- F18 Compressor (mute)
- F19 Cab sounds (mute)

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 *Brake (FT)*
- 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 *Brake (FT)*
- 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 Tait (DBL Cab)



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 *Brake (FT)*
- F7 Shunting mode
- F8 Rail clack/doppler – high speed (mute)
- F9 Short horn
- F10 Curve squeal
- F11 Interior lighting
- F12 Kerosene lamp (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)

* Trainbuilder

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 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 *Heavy Load (FT)*
- F6 *Coast mode (FT)*
- F7 *Brake (FT)*
- 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 *Heavy Load (FT)*
- F6 *Coast mode (FT)*
- F7 *Brake (FT)*
- 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



Decoder address: _____

- F0 Headlight and turbo-generator
- F1** Mute/start-up
- F2 Whistle (main)
- F3 Whistle (shunting)
- 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 Handbrake
- F15 Safety valves (mute)
- F16 -
- F17 Taildisc



www.dccsound.com

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 *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 -
- 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 *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 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 *Heavy Load (FT)*
- F6 *Coast mode (FT)*
- F7 *Brake (FT)*
- 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 *Heavy Load (FT)*
- F6 *Coast mode (FT)*
- F7 *Brake (FT)*
- 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 *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

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 *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

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 *Heavy Load (FT)*
- F6 *Coast mode (FT)*
- F7 *Brake (FT)*
- 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 *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 -
- 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 *Drive hold (FT)*
- F6 *Brake application (FT)*
- 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

Sound functions – WAGR 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 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 -
- F19 Compressor & Radiator fans (mute)
- F20 Condensate valve (mute)

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