

**DCCSound functions**

**Suitable for ESU LokSound 5 decoders**



## **Railways of Australia**

## Sound functions - AN class



[www.dccsound.com](http://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](http://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](http://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



[www.dccsound.com](http://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 – CLP/CLF class



[www.dccsound.com](http://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 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 & Notching
- F19 Compressor & Radiator fans (mute)

## Sound functions – DL class



[www.dccsound.com](http://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](http://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](http://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)

\*User selectable via sound CV (SV9)

## Sound functions – GM12 class



[www.dccsound.com](http://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 – 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 Genset #3 start-up & shut-down
- F4 Idle-up (all gensets)
- F5 Guard's whistle
- F6 Flange squeal
- F11-16 Aux 1-6

Sound CVs for GMDD prime movers:

Sound CV1: Idle 1<sup>st</sup> 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](http://www.dccsound.com)

## Sound functions – NJ class



[www.dccsound.com](http://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 *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)

## Sound functions – NR class (Austrains)



[www.dccsound.com](http://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)

## Sound functions – NR class (Ausc.)



[www.dccsound.com](http://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)

## Sound functions – NR class (SDS)



[www.dccsound.com](http://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)



## Sound functions – C43/C44ACi



[www.dccsound.com](http://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 -
- F19 Compressor & Radiator fans (mute)

## Sound functions – GT46C-ACe



[www.dccsound.com](http://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 Numberboards
- F12 White markers
- F13 Red markers
- F14 Ditchlights
- F15 Headlight dimmer
- F16 Sanders
- F17 Low note horn
- F18 -
- F19 Compressor & Radiator fans (mute)

## Sound functions – Watco DR class



[www.dccsound.com](http://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 1200



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 Diesel alternator
- F8 Emergency airline PLV actuation
- F9 Short horn
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders



[www.dccsound.com](http://www.dccsound.com)

## Sound functions: NSWGR C38 class



[www.dccsound.com](http://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: Hiss (mute)
- F15: Safety valves (mute)

## Sound functions – NSWGR 40 class



[www.dccsound.com](http://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](http://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](http://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 sound CV (SV9)

## Sound functions - NSWGR 421 class



[www.dccsound.com](http://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 sound CV (SV9)

## Sound functions - NSWGR 43 class



[www.dccsound.com](http://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 sound CV (SV9)

## Sound functions – NSWGR 44 class\*



[www.dccsound.com](http://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](http://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](http://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](http://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 – NSWGR 45 class



[www.dccsound.com](http://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](http://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 2<sup>nd</sup> 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](http://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](http://www.dccsound.com)

\*Trainorama 21 pin

## Sound functions – NSWGR 48 class\*



[www.dccsound.com](http://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 sound CV (SV9)

## Sound functions – NSWGR 48 class\*



[www.dccsound.com](http://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 sound CV (SV9)

## Sound functions - NSWGR 49 class\*



[www.dccsound.com](http://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)

\*Trainorama 8 pin

## Sound functions - NSWGR 49 class\*



[www.dccsound.com](http://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 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 422 class



[www.dccsound.com](http://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 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 -
- F18 Cab sounds: Reverser & Notching
- F19 Compressor & Radiator fan (mute)



[www.dccsound.com](http://www.dccsound.com)

## Sound functions – PTCNSW 80 class\*



[www.dccsound.com](http://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](http://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](http://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)

\*Austrains 8 pin

## Sound functions – SRANSW 81 class\*



[www.dccsound.com](http://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](http://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 Yard horn
- F19 Compressor & Radiator fans (mute)
- F20 Condensate valve (mute)

## Sound functions – NSWGR Paybus



[www.dccsound.com](http://www.dccsound.com)

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](http://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](http://www.dccsound.com)

## Sound functions – SRANSW Xplorer



[www.dccsound.com](http://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](http://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
- F15 Headlight dimmer

## **Railways of Queensland**

## Sound functions - QR 1720 class



[www.dccsound.com](http://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



[www.dccsound.com](http://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 2300 class



[www.dccsound.com](http://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](http://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)



## **Railways of South Australia**

## Sound functions – SAR 500 class



[www.dccsound.com](http://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 600 class



[www.dccsound.com](http://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](http://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](http://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
- F19 Compressor and radiator fan (mute)
- F20 Windscreen wipers

## Sound functions – SAR 830 class\*



[www.dccsound.com](http://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 sound CV (SV9)

## Sound functions – SAR 830 class\*



[www.dccsound.com](http://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 sound CV (SV9)

## Sound functions – SAR 900 class



[www.dccsound.com](http://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](http://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](http://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](http://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
- F10: Air pump (off)
- F11: Curve squeal
- F12: Auto blowdown (off)
- F13: Headlight dimmer
- F14: Handbrake
- F15: Guard's call
- F16: Interior lighting

## **Railways of Tasmania**

## Sound functions – TGR V class



[www.dccsound.com](http://www.dccsound.com)

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

## Sound functions – TGR X class



[www.dccsound.com](http://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 – TGR Y class



[www.dccsound.com](http://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



[www.dccsound.com](http://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)

## Sound functions - VR B class\*



[www.dccsound.com](http://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](http://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](http://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](http://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](http://www.dccsound.com)

Decoder address: \_\_\_\_\_

- F0 Headlight
- F1 Prime-mover start-up & shut-down
- F2 Long horn\*
- F3 Coupler crash and release
- F4 Lube oil hand priming
- 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 Cab door
- F16 Sandbox lid access
- F17 Taildisc

\*User selectable via sound CV (SV9)

## Sound functions - VR H class



[www.dccsound.com](http://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 fans (mute)

\*User selectable via sound CV (SV9)

## Sound functions - VR L class



[www.dccsound.com](http://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 2<sup>nd</sup> pantograph
- F9 Short horn
- F10 Curve squeal
- F11-14 Aux 1-4
- F15 Headlight dimmer
- F16 Sanders
- F17 Taildisc
- F18 Traction blower fan (mute)
- F19 Compressor (mute)



## 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](http://www.dccsound.com)

## Sound functions - VR S class



[www.dccsound.com](http://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 sound CV (SV9)

## Sound functions - VR T class (1<sup>st</sup> ser.)



[www.dccsound.com](http://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 (T413)
- 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
- F19 Compressor & Radiator fan (mute)

## Sound functions - VR T class (2<sup>nd</sup>/3<sup>rd</sup> ser.)



[www.dccsound.com](http://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 sound CV (SV9)

## Sound functions - VR T class (4<sup>th</sup> ser.)



[www.dccsound.com](http://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 sound CV (SV9)

## Sound functions - VR W class



[www.dccsound.com](http://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 sound CV (SV9)

## Sound functions - VR X class (1<sup>st</sup> ser.)



[www.dccsound.com](http://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 sound CV (SV9)

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



[www.dccsound.com](http://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 sound CV (SV9)



## Sound functions - VR Y class (1<sup>st</sup> ser.)



[www.dccsound.com](http://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 sound CV (SV9)

## Sound functions - VR Y class (2<sup>nd</sup> ser.)



[www.dccsound.com](http://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 sound CV (SV9)

## Sound functions – V/line A class



[www.dccsound.com](http://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](http://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](http://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](http://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 (mute)
- F20 Low note horn
- F21 TPWS/Radio
- F22 Windshield wipers
- F23 -
- F24 S&HC horn

## Sound functions – VLP N class



[www.dccsound.com](http://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 (mute)
- F20 Low note horn
- F21 TPWS/Radio
- F22 Windshield wipers
- F23 Bell
- F24 S&HC horn    F25 Spitter (mute)

## Sound functions – V/line P class



[www.dccsound.com](http://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](http://www.dccsound.com)

## Sound functions - VR DERM (58 RM)



[www.dccsound.com](http://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 sound CV (SV9)

## Sound functions - VR DERM (63 RM)



[www.dccsound.com](http://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 sound CV (SV9)

## Sound functions - VR Super DERM



[www.dccsound.com](http://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 sound CV (SV9)

## Sound functions – VR DRC



[www.dccsound.com](http://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 Emergency airline PLV actuation
- F9 Short horn
- F10 Curve squeal
- F11 White markers
- F12 Red markers
- F13 Interior lighting
- F14 Diesel alternator
- F15 Headlight dimmer
- F16 Sanders
- F17 Taildisc
- F18 Compressor & Radiator fans (mute)

## Sound functions – VR 153 Walker



[www.dccsound.com](http://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](http://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](http://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](http://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 Auxillary power Genset (activate before F1)
- F6 *Brake application (FT)*
- F7 City horn
- F8 TPWS tone & radio check (activate before F1)
- F9 Mixed horn
- F10 Curve squeal
- F11 Interior lighting
- F12 Prime mover #2 start-up & shutdown
- F13 Country horn (short)
- F14 City horn (short)
- F15 Headlight dimmer
- F16 Sanders
- F17 Front markers
- F18 Rear markers
- F19 Pass by

## Sound functions – V/line PCO/PCJ



Decoder address: \_\_\_\_\_

- F0 Lighting output (F0f, F0r)
- F1 Genset #1 start-up & shut-down
- F2 Idle-up (all gensets)
- F3 Genset #2 start-up & shut-down
- F4 -
- F5 Guard's whistle
- F6 Flange squeal
- F11-14 Aux 1-4



Sound CVs for GMDD prime movers:

Sound CV1: Idle 1<sup>st</sup> 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](http://www.dccsound.com)

## 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



[www.dccsound.com](http://www.dccsound.com)

Sound CVs for GMDD prime movers:

Sound CV1: Idle 1<sup>st</sup> 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](http://www.dccsound.com)

Decoder address: \_\_\_\_\_

- F0 Headlight
- F1** Panto up & traction motor fans
- F2 Long horn
- F3 Coupler
- F4 Doors
- F5 Rail clack
- F6 *Brake (FT)*
- 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](http://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 Route lights (directional)
- F13 Red markers (directional)
- F14 Windscreen wiper
- F15 Headlight dimmer
- F16 Guard's bell
- F17 Taildisc
- F18 Compressor (mute)
- F19 Traction fan (mute)

Image courtesy: <https://tdu.to/m/194987/re-ot-harris-train>

## Sound functions - VR Hitachi EMU



[www.dccsound.com](http://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 Window
- 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](http://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 Parcels Coach



[www.dccsound.com](http://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](http://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 A<sup>2</sup> class steam



[www.dccsound.com](http://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 valves (mute)
- F16: Whistle (medium)
- F17: Taildisc

## Sound functions: VR N<sup>A</sup> class



[www.dccsound.com](http://www.dccsound.com)

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
- F15: -
- F16: Whistle (long)
- F17: -

## Sound functions: VR D<sup>3</sup> class



[www.dccsound.com](http://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](http://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: *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

## 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](http://www.dccsound.com)

## Sound functions: VR H class



[www.dccsound.com](http://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 J 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 (mute)
- F11: Coal shovelling (mute)
- F12: Cyl cocks open (mute)
- F13: Headlight dimmer
- F14: Handbrake
- F15: Safety valves (mute)
- F16: Whistle (medium)
- F17: Taildisc



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## Sound functions: VR K class



[www.dccsound.com](http://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 valves (mute)
- F16: Whistle (medium)
- F17: Taildisc

## Sound functions: VR N class



[www.dccsound.com](http://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 R class



[www.dccsound.com](http://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 S class



[www.dccsound.com](http://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](http://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](http://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 valves (mute)
- F16: Whistle (medium)
- F17: Taildisc

## **Railways of Western Australia**

## Sound functions – MRWA F class



[www.dccsound.com](http://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](http://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 sound CV (SV9)

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