SD060 - Class 121/Class 122

F#	Spot Sound Description	Mode								
F0	Headlight/Rear Lights	T								
F1	Sound Enable/Engine Start	T								
F2	Multiple Horns	M	F2a_Low_End_1	F2b_High_End_1	F2c_Low_High_Short_End_1	F2d_Low_High_End_1	F2e_High_Low_End_1	UNUSED	UNUSED	UNUSED
F3	Multiple Horns Fancy	M	F3a_Low_End_2	F3b_High_End_2	F3c_High_Low_Medium_End_2	F3d_Low_High_End_2	F3e_High_Low_End_2	F3f_High_Low_Long_End_2	UNUSED	UNUSED
F4	Brake	M								
F5	Cab Start Up	M								
F6	*Detonators	T								
F7	*Return to Idle*	M								
F8	*Thrash*	T								
F9	*Diesel Cold Start overide operation of F1, until disabled.*	T								
F10	Compressor	T								
F11	Wipers	T								
F12	Spirax Valve	T								
F13	AWS Warning	M								
F14	Flange Squeal	T								
F15	Cab Door	M								
F16	Handbrake	M								
F17	Buffer Up	M								
F18	Coupling	M								
F19	Guards Whistle	M								
F20	**Driver to Guard / Guard to Driver Acknowledgement	T								
F21	Aux1	T								
F22	Aux2	T								
F23	Aux 3	T								
F24	Aux 4	T								
F25	Shunt Mode	T								
F26	Creep Mode	M								
F27	Dynamic Brake	M	M = Momentary Action							
F28	AFC Enable	T	T = Toggle On/Off							

*F12 Slow Speed Rail Clack - will only function when the loco is in motion between SS10 - SS25
**F20 Driver to Guard / Guard to Driver Acknowledgement work as a toggle operation i.e F20 Driver to Guard playback starts when enabled and the Guard to Driver Acknowledgement sound is played when the function is disabled.

Sound Play Configuration DIESEL Engines... Idle + 5 Notches... 5 Notch Diesel... Configuration... CV210 to CV219				
CV	Idle	Value	Value Range	Applies to SS of < DTT1
210	Trigger Threshold 1	1	1 - 5	Applies when SS > DTT1 but < DTT2... Plays Notch 1
211	Trigger Threshold 1 Window	5	5 - 9	DTTW1... Forces Notch to increase from Idle to Notch 1 and then Decrease back to Idle
212	Trigger Threshold 2	10	10 – 20	Applies when SS > DTT2 but < DTT3... Plays Notch 2
213	Trigger Threshold 2 Window	5	5 - 14	DTTW2... Forces Notch to increase from Notch 1 to Notch 2 and then Decrease back to Notch 1
214	Trigger Threshold 3	30	30 - 40	Applies when SS > DTT3 but < DTT4... Plays Notch 3
215	Trigger Threshold 3 Window	5	5 – 14	DTTW3... Forces Notch to increase from Notch 3 to Notch 4 and then Decrease back to Notch 3
216	Trigger Threshold 4	50	50 - 55	Applies when SS > DTT4 but < DTT5... Plays Notch 4
217	Trigger Threshold 4 Window	5	5 – 14	DTTW4... Causes Notch to increase from Notch 3 to Notch 4 and then Decrease back to Notch 3
218	Trigger Threshold 5	75	75 - 80	Applies when SS > DTT5... Plays Notch 5
219	Trigger Threshold 5 Window	5	5 – 14	DTTW5... Causes Notch to increase from Notch 4 to Notch 5 and then Decrease back to Notch 4

Please refer to the main HM7000 Series Decoder Reference Manual for further information