

Exhibit 4

Quantum Features and Control Types

The following table shows each feature that can be assigned to an output and the type of signal used to operate the feature. These include Level, Transition, or Pulse

LA = Level Activated

TA = Transition Activated

PA = Pulse Activated

SD-Toggled = State Dependent Toggled

Feature ID	Feature	Signal Type	Allowed States	Feature ID	Feature	Signal Type	Allowed States
0	Null Output		All	102	Directional Mars Light	LA Toggled	All
1	Whistle	LA Toggled	All	103	Mars Light	LA Toggled	All
3	Bell	LA Toggled	All	104	Strobe Mars Light	LA Toggled	All
5	Dynamic Brakes	LA SD-Toggled	All	105	Number Board Lights	LA Toggled	All
8	Blower Hiss/Diesel Cooling Fans	LA Toggled	All	107	Directional Headlight + Directional Mars Light	LA Toggled	All
9	Long Air Let-off	TA Momentary	All	108	Directional Headlight + Directional Ditch Lights	LA Toggled	All
10	Short Air Let-off	TA Momentary	All	109	Directional Ditch Lights	LA Toggled	All
12	Pop-off	TA Momentary	NFF/NFR	110	Ditch Lights	LA Toggled	All
13	Blow Down	TA Momentary	NFF/NFR	111	Strobe Ditch Lights	LA Toggled	All
14	Injector	TA Momentary	NFF/NFR	144	Start Up	PA Momentary	NFF/NFR
64	Mute	LA-SD Toggled	All	145	Shut Down	PA Progressive	NFF/NFR
65	Doppler Shift	TA Momentary	FWD/REV	176	Air Brakes	TA-SD Toggled	FWD/REV
96	Directional Headlight	LA Toggled	All	178	Status Report	TA Momentary	FWD/REV NFF/NFR
97	Directional Reverse Light	LA Toggled	All	177	Cruise Control	TA-SD Toggled	FWD/REV
98	Headlight	LA Toggled	All	211	Coupler Effect	TA Enable and TA Momentary	All
99	Dim Headlight	LA Toggled	All	215	Squealing Brakes	TA Momentary	FWD/REV
100	Reverse Light	LA Toggled	All	216	Squealing Brakes + Air Brakes	TA Momentary LA Toggled	FWD/REV
101	Automatic Cab Lights	LA Toggled	All	217	Pumps	LA Toggled	NFF/NFR