Exhibit 1

Table 1 Configuration Variables

Reserved for intalidacturer use		Table 1 Configuration Variables					
Primary Address		CV#	Required		1	1	Additional Comments
Selection Rate							
Acceleration Rate	Primary Address	I	M	3		Y	
Deceleration Rate		2	R	7			
Number S	Acceleration Rate	3	R	0			
Manufacturer Version No.	Deceleration Rate	4	R	0			
Manufactured Version No.		5	0	1			
Manufactured ID		6	0	1			
Manufactured ID	Manufacturer Version No.	7	M				Manufacturer defined version info
Total PWM Period		8	M		Y	Y	
Packet Timo-Out Value	Total PWM Period	9	0	0			
Power Source Conversion	EMF Feedback Cutout	10	0				
Analog Mode Function Status	Packet Time-Out Value	11	R				
Analog Mode Function Status	Power Source Conversion	12	0			Y	Values assigned by NMRA
14-16 -	Analog Mode Function Status	13	0			Y	8
Extended Address		14-16	-				Reserved by NMRA for future use
Consist Address	Extended Address	17+18	0			Y	Troopers of Times 1 for fattare and
Consist Addr Active for F1-F8	Consist Address	19	0				
Consist Addr Active for F1-F8		20	-				Reserved by NMR A for future use
Consist Addr Active for FL	Consist Addr Active for F1-F8		0			V	reserved by revires for faithe lise
Acceleration Adjustment	Consist Addr Active for FL						
Deceleration Adjustment							
Speed Table/Mid-range Cab Speed Step							
Configuration Data #1 29 M25 Y				1			
Configuration Data #1 29 M25 Y	speed runter runge out opeca stop			1		I	D
Error Information	Configuration Data #1						Reserved by NMRA for future use
Configuration Data #2	TO THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED AND ADDRES						
Configuration Data #3 32 0 0 Y Reserved by NMRA for future use Output Loc. FL(f), FL(r), F1-F8 33.42 0 Y							
Output Loc. FL(f), FL(r), F1-F8 33-42 O Y Manufacturer Unique 43-48 - Reserved by NMRA for future use Kick Start 65 O Reserved for manufacturer use Kick Start 65 O - Speed Table 67-94 O - Reverse Trim 95 O 128 Weer Identifier #1 105 O Reserved by NMRA for future use User Identifier #2 106 O Reserved by NMRA for future use Weeder Address LSB 513 M Y 6 LSB of accessory decoder address Decoder Address LSB 513 M Y 6 LSB of accessory decoder address Time On F1 515 O Y Auxiliary activation of outputs Time On F2 516 O Y Y Time On F3 517 O Y Y Time On F4 518 O Y V Manufacturer Version Info 519 M Y Values assigned by NMRA for future use							
Manufacturer Unique				0			Reserved by NMRA for future use
Manufacturer Unique 49-64 O Reserved for manufacturer use Kick Start 65 O Image: Control of the cont	Output Loc. rL(1), rL(1), r1-r8					Y	
Kick Start 65 O 128 Forward Trim 66 O 128 Speed Table 67-94 O Reverse Trim 95 O 128 User Identifier #1 105 O Reserved by NMRA for future use User Identifier #2 106 O Reserved for customer use User Identifier #2 106 O Reserved by NMRA for future use Accessory Decoders: Image: Control of the control of th	Manufacture III						
Forward Trim		· · · · · · · · · · · · · · · · · · ·		i			Reserved for manufacturer use
Speed Table 67-94 O 128 Reverse Trim 95 O 128 User Identifier #1 105 O Reserved by NMRA for future use User Identifier #2 106 O Reserved by NMRA for future use User Identifier #2 106 O Reserved by NMRA for future use Accessory Decoders: Reserved by NMRA for future use Decoder Address LSB 513 M Y 6 LSB of accessory decoder address Auxiliary Activation 514 O Auxiliary activation of outputs Time On F1 515 O Y Time On F2 516 O Y Time On F3 517 O Y Time On F4 518 O Y Manufacturer Version Info 519 M Manufacturer defined version info Manufacturer ID 520 M Y Y Values assigned by NMRA Decoder Address MSB 521 M O Y 3 MSB of accessory decoder address Accessory Decoder C				100			THE STATE OF THE S
Reverse Trim				128			
User Identifier #1 105 O Reserved for customer use User Identifier #2 106 O Reserved for customer use 107-512 - Reserved by NMRA for future use Accessory Decoders: Decoder Address LSB 513 M Y 6 LSB of accessory decoder address Auxiliary Activation 514 O Auxiliary activation of outputs Time On F1 515 O Y Time On F2 516 O Y Time On F3 517 O Y Time On F4 518 O Y Manufacturer Version Info 519 M Manufacturer defined version info Manufacturer ID 520 M Y Y Values assigned by NMRA Decoder Address MSB 521 M O Y 3 MSB of accessory decoder address Accessory Decoder Configuration 541 O Y similar to CV#29 for acc. decoders Accessory Decoder Configuration 541 O Y similar to CV#29 for acc. decoders	Reverse 111m			128			
User Identifier #2	TT T1 (C 111						
107-512 - Reserved by NMRA for future use							
Accessory Decoders: Image: Company of the	User Identifier #2						
Decoder Address LSB 513 M Y 6 LSB of accessory decoder address Auxiliary Activation 514 O Auxiliary activation of outputs Time On F1 515 O Y Time On F2 516 O Y Time On F3 517 O Y Time On F4 518 O Y Manufacturer Version Info 519 M M Manufacturer defined version info Manufacturer ID 520 M Y Y Values assigned by NMRA Decoder Address MSB 521 M O Y 3 MSB of accessory decoder address 522-540 - Reserved by NMRA for future use Accessory Decoder Configuration 541 O Y similar to CV#29 for acc. decoders Manufacturer Unique 545-593 O Reserved for manufacturer use		107-512					Reserved by NMRA for future use
Decoder Address LSB 513 M Y 6 LSB of accessory decoder address Auxiliary Activation 514 O Auxiliary activation of outputs Time On F1 515 O Y Time On F2 516 O Y Time On F3 517 O Y Time On F4 518 O Y Manufacturer Version Info 519 M M Manufacturer defined version info Manufacturer ID 520 M Y Y Values assigned by NMRA Decoder Address MSB 521 M O Y 3 MSB of accessory decoder address 522-540 - Reserved by NMRA for future use Accessory Decoder Configuration 541 O Y similar to CV#29 for acc. decoders Manufacturer Unique 545-593 O Reserved for manufacturer use							
Auxiliary Activation 514 O Auxiliary activation of outputs Time On F1 515 O Y Time On F2 516 O Y Time On F3 517 O Y Time On F4 518 O Y Manufacturer Version Info 519 M Manufacturer defined version info Manufacturer ID 520 M Y Y Values assigned by NMRA Decoder Address MSB 521 M 0 Y 3 MSB of accessory decoder address 522-540 - Reserved by NMRA for future use Accessory Decoder Configuration 541 O Y similar to CV#29 for acc. decoders Manufacturer Unique 545-593 O Reserved by NMRA for future use							
Time On F1 515 O Y Time On F2 516 O Y Time On F3 517 O Y Time On F4 518 O Y Manufacturer Version Info 519 M Manufacturer defined version info Manufacturer ID 520 M Y Y Values assigned by NMRA Decoder Address MSB 521 M O Y 3 MSB of accessory decoder address 522-540 - Reserved by NMRA for future use Accessory Decoder Configuration 541 O Y similar to CV#29 for acc. decoders Manufacturer Unique 545-593 O Reserved by NMRA for future use						Y	6 LSB of accessory decoder address
Time On F2 516 O Y Time On F3 517 O Y Time On F4 518 O Y Manufacturer Version Info 519 M Manufacturer defined version info Manufacturer ID 520 M Y Y Values assigned by NMRA Decoder Address MSB 521 M 0 Y 3 MSB of accessory decoder address 522-540 - Reserved by NMRA for future use Accessory Decoder Configuration 541 O Y similar to CV#29 for acc. decoders Manufacturer Unique 545-593 O Reserved by NMRA for future use Reserved for manufacturer use Reserved for manufacturer use							Auxiliary activation of outputs
Time On F3 517 O Y Time On F4 518 O Y Manufacturer Version Info 519 M Manufacturer defined version info Manufacturer ID 520 M Y Values assigned by NMRA Decoder Address MSB 521 M O Y 3 MSB of accessory decoder address 522-540 - Reserved by NMRA for future use Accessory Decoder Configuration 541 O Y similar to CV#29 for acc. decoders 542-544 - Reserved by NMRA for future use Manufacturer Unique 545-593 O Reserved for manufacturer use						Y	
Time On F4 Manufacturer Version Info Manufacturer ID Decoder Address MSB 521 Accessory Decoder Configuration Manufacturer Unique 541 Manufacturer Unique 545 Manufacturer Unique 545 Manufacturer Version Info Manufacturer defined version info Manufacturer defined version info Y Values assigned by NMRA Y Y Values assigned by NMRA Y 3 MSB of accessory decoder address Reserved by NMRA for future use Y Similar to CV#29 for acc. decoders Reserved by NMRA for future use Reserved for manufacturer use							
Manufacturer Version Info519MManufacturer defined version infoManufacturer ID520MYYValues assigned by NMRADecoder Address MSB521M0Y3 MSB of accessory decoder address522-540-Reserved by NMRA for future useAccessory Decoder Configuration541OYsimilar to CV#29 for acc. decoders542-544-Reserved by NMRA for future useManufacturer Unique545-593OReserved for manufacturer use						Y	
Manufacturer ID 520 M Y Y Values assigned by NMRA Decoder Address MSB 521 M 0 Y 3 MSB of accessory decoder address 522-540 - Reserved by NMRA for future use Accessory Decoder Configuration 541 O Y similar to CV#29 for acc. decoders 542-544 - Reserved by NMRA for future use Manufacturer Unique 545-593 O Reserved for manufacturer use						Y	
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Decoder Address MSB 521 M 0 Y 3 MSB of accessory decoder address 522-540 - Reserved by NMRA for future use Accessory Decoder Configuration 541 O Y similar to CV#29 for acc. decoders 542-544 - Reserved by NMRA for future use Manufacturer Unique 545-593 O Reserved for manufacturer use			M		Y	Y	
Accessory Decoder Configuration 522-540 Accessory Decoder Configuration 541 O Y Similar to CV#29 for acc. decoders 542-544 Accessory Decoder Configuration 542-544 Manufacturer Unique 545-593 O Reserved by NMRA for future use Reserved by NMRA for future use Reserved for manufacturer use	Decoder Address MSB	521	М	0		Y	
Accessory Decoder Configuration 541 O Y similar to CV#29 for acc. decoders 542-544 - Reserved by NMRA for future use Manufacturer Unique 545-593 O Reserved for manufacturer use		522-540	-				
Manufacturer Unique 545-593 O Reserved by NMRA for future use Reserved for manufacturer use	Accessory Decoder Configuration	541	0			Y	
Manufacturer Unique 545-593 O Reserved for manufacturer use		542-544	-				
	Manufacturer Unique	545-593	0				
		594-1024	-				Reserved by NMRA for future use

 $^{^{\}rm 25}$ If any of these features are provided, then this CV is Mandatory.

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