

Exhibit I

QSI MATERIALS INCORPORATED INTO JMRI SOFTWARE

QSI Published Manual
16 February 2005
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Jacobsen
Court Doc 237-31, Exhibit AD
October 2008

18	Extended Address	0		</enumval></variable>
19	Consist Address	0		
20	Reserved by NMRA for future use	-		
21	Consist Address Active for F1-F8	0		<variable label="Quantum Speed Table" cv="25" item="Speed Table Selection" default="2" comment="value is applied">
22	Consist Address Active for FL	0		<enumval>
23	Acceleration Adjustment	0		
24	Deceleration Adjustment	0	Y	0
25	Speed Table Selection	0	Y	2
26	Reserved by NMRA for future use	-	-	-
27	Reserved by NMRA for future use	-	-	-
28	Reserved by NMRA for future use	-	-	-
29	Configuration Data #1	M	Y	6
30	Error Information	0	N	-
31	Configuration Data #2	0	N	-
32	Configuration Data #3	0	N	-
33	Output Function Location for FL(f)	0	Y	1
34	Output Function Location for FL(r)	0	Y	3
35	Output Function Location for F1	0	Y	4
36	Output Function Location for F2	0	Y	8
37	Output Function Location for F3	0	Y	16

<variable label="Quantum Speed Table" cv="25" item="Speed Table Selection" default="2" comment="value is applied">

Jacobsen Declaration
Court Doc 237, Page 24, October 2008

Some variable names were the same as used in JMRI. For instance, CV25 of the KAM "QSI Decoder" definition is "Speed Table Selection". The corresponding JMRI definition uses the same name. The NMRA standard name is different: "Speed Table/Mid-range Cab Speed Step" or sometimes just "Speed Table". The QSI decoder manual calls it by a longer name: "Quantum Speed Table Selection". The KAMIND software's definition uses the JMRI name, not any of the other forms.

28 Changes are not allowed. The PWM is already optimized for Quantum equipped locomotives.