TC-64 Tower Controller Unit & Port Information Sheet:

Unit ID:			OPS Mode Address:				Location:						
Base Address	**Addr**	**Report**	**Direction**	**in**	**out**	**Toggle/ Precision**	**Norm**	**Alt/ Prec**	**Mode**	**Norm**	**Sig.**	**IO Card type**	**Subdivision**
Port 1 Addr		-	Port 1 Dir			Port 1 T/P			Port 1 Mode				
Port 2 Addr		-	Port 2 Dir			Port 2 T/P			Port 2 Mode				
Port 3 Addr		-	Port 3 Dir			Port 3 T/P			Port 3 Mode				
Port 4 Addr		-	Port 4 Dir			Port 4 T/P			Port 4 Mode				
Port 5 Addr		-	Port 5 Dir			Port 5 T/P			Port 5 Mode				
Port 6 Addr		-	Port 6 Dir			Port 6 T/P			Port 6 Mode				
Port 7 Addr		-	Port 7 Dir			Port 7 T/P			Port 7 Mode				
Port 8 Addr		-	Port 8 Dir			Port 8 T/P			Port 8 Mode				

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Port 3 Addr		-	Port 3 Dir			Port 3 T/P			Port 3 Mode				
Port 4 Addr		-	Port 4 Dir			Port 4 T/P			Port 4 Mode				
Port 5 Addr		-	Port 5 Dir			Port 5 T/P			Port 5 Mode				
Port 6 Addr		-	Port 6 Dir			Port 6 T/P			Port 6 Mode				
Port 7 Addr		-	Port 7 Dir			Port 7 T/P			Port 7 Mode				
Port 8 Addr		-	Port 8 Dir			Port 8 T/P			Port 8 Mode				

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Port 4 Addr		-	Port 4 Dir			Port 4 T/P			Port 4 Mode				
Port 5 Addr		-	Port 5 Dir			Port 5 T/P			Port 5 Mode				
Port 6 Addr		-	Port 6 Dir			Port 6 T/P			Port 6 Mode				
Port 7 Addr		-	Port 7 Dir			Port 7 T/P			Port 7 Mode				
Port 8 Addr		-	Port 8 Dir			Port 8 T/P			Port 8 Mode				

Port Specific information:

Unit ID: The JMRI DecoderPro Roster name used for this TC-64 unit.

OPS Mode Address: Address used for programming. Default 5 digits is 10xxx where xxx is the last 3 digits of the serial #.

Location: Physical location on the layout.

Base Address: Each Tower Controller Port may have it's base address set individually to match your needs. Each line within the port has its own address which is the base address plus the line number. Each address also has a LocoNet reporting number which is related to the address as a function of the type and options selected for the port.

Direction: Each Tower Controller Port must be set to respond as either an input or an output.

Toggle enable: Sets an output port to alternate action. Sets an input port to precision reporting.

Mode: Sets the respective port to respond as a normal turnout or as a signal (4 state control per line pair).

IO Card: Record the type of Input or Output card used at this position, if any.

Sub: Layout Subdivision, Milepost, etc.