COUPP Hydraulic Controls Cart Auxiliary Box Wiring Mike Crisler July 15, 2010

PT4 / PT5

A Black		TB11-7
B Green	GND	TB10-7
C Black		TB11-8
D Green	GND	TB10-8

T4

A Red	TB11-9
B White	TB11-10
C Red	TB11-11
D White	TB11-12

Grayhill-4ch I/O Module 70RCK4R, Newark# 96F5628, Output Module ODC5 [RED], Newark # 18M9274

TB13-1 GND	TB10-4	**TB14**-1	
TB13-2 +5V	TB10-3	TB14-2	
TB13-3 NC		TB14-3	
TB13-4 +5V		TB14-4 Valve Ctrl [A] TB11-2 Wh/Red [N.O.]	
TB13-5 NC		TB14-5 to TB13-9 Blue [N.O.]	
TB13-6 Clock Input	TB11-4	TB14-6 WDM out ➔ TB13-2 [+5V] Red [N.C.]	
TB13-7 NC		TB14-7 WDM out ➔ TB11-3 Green [N.C.]	
TB13-8 +5V	TB13-4	TB14-8 to "Solenoid Valve" ***use kickback diode** TB10-1	
TB13-9 From TB14-5	Blue	TB14-9 -24V **GND**	TB13-1 Black

Notes:

TB3-pins 4&5 ➔ Is the +5V Bus, TB7 ➔ Is the +24 Bus, TB8 ➔ Is the Ground Bus **GND**

Valve Control Input, main Cabinet TB1-7 and 12 pin Burndy connector at bottom of cabinet

Alarm Output, main cabinet TB2-3 and 4 pin Burndy connector at bottom of cabinet