### Project Name: V6.31-1 Date: 9-March-04

# PAINTTOOL V6.43-1 ENHANCED I/O

CELL I/O INPUTS [1 - 128] PAINTTOOL V6.43-1 ENHANCED I/O	2
CELL I/O INPUTS [128 - 256] PAINTTOOL V6.43-1 ENHANCED I/O	
CELL I/O OUTPUTS [1 - 128] PAINTTOOL V6.43-1 ENHANCED I/O	
CELL I/O OUTPUTS [128 - 256] PAINTTOOL V6.43-1 ENHANCED I/O	
COLOR CHANGE OPTION (IPC 1K - SINGLE METERING)	6
COLOR CHANGE OPTION (P-500 IPC 2K – FIXED/VARIABLE METERING)	
COLOR CHANGE OPTION (P-200 IPC 2K – FIXED/VARIABLE METERING)	8
COLOR CHANGE OPTION (WATERBORNE - INTEGRATED CANISTER)	9
COLOR CHANGE OPTION (ACCUFLOW)	10
COLOR CHANGE OPTION (WATERBORNE - SERVOBELL)	11
DEVICENET/MODEL A PROCESS I/O - EQUIPMENT #1/2 P-500 VERSABELL II (IPC 1K - SINGLE METERING)	12
DEVICENET/MODEL A PROCESS I/O - EQUIPMENT #1 P-500 VERSABELL II (IPC 1K - SINGLE METERING )	
DEVICENET/MODEL A PROCESS I/O - EQUIPMENT #2 P-500 VERSABELL II (IPC 1K – SINGLE METERING )	
DEVICENET/MODEL A PROCESS I/O - EQUIPMENT #1/2 P-500 VERSABELL II (IPC 2K – FIXED/VARIABLE METERING )	16
DEVICENET/MODEL A PROCESS I/O - EQUIPMENT #1 P-500 VERSABELL II (IPC 2K - FIXED/VARIABLE METERING )	18
DEVICENET/MODEL A PROCESS I/O - EQUIPMENT #2 P-500 VERSABELL II (IPC 2K - FIXED/VARIABLE METERING )	19
DEVICENET/MODEL A PROCESS I/O - EQUIPMENT #1/2 P-500 VERSABELL II (WATERBORNE - INTEGRATED CANISTER)	20
DEVICENET/MODEL A PROCESS I/O - EQUIPMENT #1 P-500 VERSABELL II (WATERBORNE - INTEGRATED CANISTER)	22
DEVICENET/MODEL A PROCESS I/O - EQUIPMENT #2 P-500 VERSABELL II (WATERBORNE - INTEGRATED CANISTER)	23
PROFIBUS/MODEL A PROCESS I/O - EQUIPMENT #1/2 P-500 VERSABELL II (IPC 1K - SINGLE METERING )	24
PROFIBUS/MODEL A PROCESS I/O - EQUIPMENT #1 P-500 VERSABELL II (IPC 1K - SINGLE METERING )	26
PROFIBUS/MODEL A PROCESS I/O - EQUIPMENT #2 P-500 VERSABELL II (IPC 1K - SINGLE METERING )	27
PROFIBUS/MODEL A PROCESS I/O - EQUIPMENT #1/2 P-500 VERSABELL II (IPC 2K - FIXED/VARIABLE METERING )	28
PROFIBUS/MODEL A PROCESS I/O - EQUIPMENT #1 P-500 VERSABELL II (IPC 2K - FIXED/VARIABLE METERING )	30
PROFIBUS/MODEL A PROCESS I/O - EQUIPMENT #2 P-500 VERSABELL II (IPC 2K - FIXED/VARIABLE METERING )	31
PROFIBUS/MODEL A PROCESS I/O - EQUIPMENT #1/2 P-500 VERSABELL II (WATERBORNE - INTEGRATED CANISTER)	32
PROFIBUS/MODEL A PROCESS I/O - EQUIPMENT #1 P-500 VERSABELL II (WATERBORNE - INTEGRATED CANISTER)	34
PROFIBUS/MODEL A PROCESS I/O - EQUIPMENT #2 P-500 VERSABELL II (WATERBORNE - INTEGRATED CANISTER)	35
MODEL A PROCESS I/O - EQUIPMENT #1 VERSABELL, OPENER (ACCUFLOW)	36
MODEL A PROCESS I/O - EQUIPMENT #1 SERVOBELL, OPENER	37
MODEL A PROCESS I/O - EQUIPMENT #1 VERSABELL, OPENER (IPC 1K)	38
MODEL A PROCESS I/O - EQUIPMENT #1 VERSABELL, OPENER (IPC 2K)	39

# Date: 9-March-04

PaintTool I/O Layout Project Name: V6.31-1 Project No: Rev:1.1

### **CELL I/O Inputs [1 - 128]**

### PaintTool V6.43-1 Enhanced I/O

Pnt	nt Description		PLC#	Pnt	Description	Rob#	PLC#
1	UOP Emergency Stop *	UI 1	O:xx0/0	65	Eq1:Bell Enable (VersaBell option)	DI 65	O:xx4/0
2	UOP Hold *	UI 2	O:xx0/0	66	Eq2:Bell Enable (VersaBell option)	DI 66	O:xx4/1
3	UOP Safe Speed *	UI 3	O:xx0/1	67	Eq1:Estat Enable (VersaBell option)	DI 67	O:xx4/1
4	UOP Cycle Stop	UI 4	O:xx0/2 O:xx0/3	68	Eq2:Estat Enable (VersaBell option)	DI 68	O:xx4/2 O:xx4/3
		_					
5	UOP Reset	UI 5	O:xx0/4	69	Eq1:Application Outputs Enable	DI 69	O:xx4/4
6	UOP Cycle Start	UI 6	O:xx0/5	70	Eq2:Application Outputs Enable	DI 70	O:xx4/5
7	UOP Home	UI 7	O:xx0/6	71	Eq1:Applicator Enable	DI 71	O:xx4/6
8	UOP Enable *	UI 8	O:xx0/7	72	Eq2:Applicator Enable	DI 72	O:xx4/7
9	Init Data Bit 0/Job Data Bit 0	GI 1	O:xx0/10	73	Eq1:Application Trigger Test (Applicator Parameter option)	DI 73	O:xx4/10
10	Init Data Bit 1/Job Data Bit 1	GI 1	O:xx0/11	74	Eq2:Application Trigger Test (Applicator Parameter option)	DI 74	O:xx4/11
11	Init Data Bit 2/Job Data Bit 2	GI 1	O:xx0/12	75	Eq1:Pump Sel B0 (Integral Pump Control option) /Eq1:Start Autocal (Accuflow)	GI 11	O:xx4/12
12	Init Data Bit 3/Job Data Bit 3	GI 1	O:xx0/13	76	Eq1:Pump Sel B1 (Integral Pump Control option) /Eq1:Select Open Loop (Accuflow)	GI 11	O:xx4/13
13	Init Data Bit 4/Job Data Bit 4	GI 1	O:xx0/14	77	Eq2:Pump Sel B0 (Integral Pump Control option)	GI 12	O:xx4/14
14	Init Data Bit 5/Job Data Bit 5	GI 1	O:xx0/15	78	Eq2:Pump Sel B1 (Integral Pump Control option)	GI 12	O:xx4/15
15	Init Data Bit 6/Job Data Bit 6	GI 1	O:xx0/16	79	Eq1:Start Autocal(ICS/Servobell)	DI 79	O:xx4/16
16	Init Data Bit 7/Job Data Bit 7	GI 1	O:xx0/17	80	Eq2:Start Autocal(ICS/Servobell)	DI 80	O:xx4/17
17	Init Data Bit 8/Job Data Bit 8	GI 1	O:xx1/0	81	Eq1:Pushout Request (Color Change option)	DI 81	O:xx5/0
18	Init Data Bit 9/Job Data Bit 9	GI 1	O:xx1/1	82	Eg2:Pushout Request (Color Change option)	DI 82	O:xx5/1
19	Init Job Strobe	DI 19	O:xx1/2	83	Eq1:Automatic Cap Clean (Color Change option)	DI 83	O:xx5/2
20	Start Job	DI 20	O:xx1/3	84	Eq2:Automatic Cap Clean (Color Change option)	DI 84	O:xx5/3
21	Simulate Conveyor (Line/Rail Tracking option)	DI 21	O:xx1/4	85	Eq1:Reset Paint Total (Integral Pump Control and Integrated Canister and Accuflow option)	DI 85	O:xx5/4
22	Part Detect (Line/Rail Tracking option)	DI 22	O:xx1/5	86	Eq2:Reset Paint Total (Integral Pump Control and Integrated Canister option)	DI 86	O:xx5/5
23	Clear Track Queue (Line/Rail Tracking option)	DI 23	O:xx1/6	87	Spare	DI 87	O:xx5/6
24	Spare	DI 24	O:xx1/0	88	Spare	DI 88	O:xx5/7
25	Init Type B0	GI 2	O:xx1/10	89	See below (Color Change option)	GI 5	O:xx5/1
26	Init Type B1	GI 2	O:xx1/11	90	See below (Color Change option)	GI 5	O:xx5/11
27	Init Type B2	GI 2	O:xx1/12	91	See below (Color Change option)	GI 5	O:xx5/12
28	Init Type B3	GI 2	O:xx1/13	92	See below (Color Change option)	GI 5	O:xx5/13
29	Spare	DI 29	O:xx1/14	93	See below (Color Change option)	GI 6	O:xx5/14
30	Spare	DI 30	O:xx1/15	94	See below (Color Change option)	GI 6	O:xx5/15
31 32	Eq1:Next Color Same Eq2:Next Color Same	DI 31 DI 32	O:xx1/16 O:xx1/17	95 96	See below (Color Change option) See below (Color Change option)	GI 6 GI 6	O:xx5/16 O:xx5/17
		Dias	0 0/0			017	0 0/0
33	Production	DI 33	O:xx2/0	97	See below (Color Change option)	GI 7	O:xx6/0
34	Not Production (Teach)	DI 34	O:xx2/1	98	See below (Color Change option)	GI 7	O:xx6/1
35	Manual	DI 35	O:xx2/2	99	See below (Color Change option)	GI 7	O:xx6/2
36	Eq1:Not Bypassed	DI 36	O:xx2/3	100	See below (Color Change option)	GI 7	O:xx6/3
37	Eq2:Not Bypassed/Openers Not Bypassed	DI 37	O:xx2/4	101	See below (Color Change option)	GI 7	O:xx6/4
38	Spare	DI 38	O:xx2/5	102	See below (Color Change option)	GI 7	O:xx6/5
39	Spare	DI 39	O:xx2/6	103	See below (Color Change option)	GI 7	O:xx6/6
40	Automatic Backup Request	DI 40	O:xx2/7	104	See below (Color Change option)	GI 7	O:xx6/7
+0 41	Special Position B0	GI 3	O:xx2/1			GI 7	
	•			105	See below (Color Change option)		O:xx6/1
12	Special Position B1	GI 3	O:xx2/11	106	See below (Color Change option)	GI 7	O:xx6/1
13	Special Position B2	GI 3	O:xx2/12	107	See below (Color Change option)	GI 7	O:xx6/1
44	Special Position B3	GI 3	O:xx2/13	108	See below (Color Change option)	GI 7	O:xx6/1
<del>1</del> 5	Special Move Enable B0	GI 4	O:xx2/14	109	See below (Color Change option)	GI 7	O:xx6/1
16	Special Move Enable B1	GI 4	O:xx2/15	110	See below (Color Change option)	GI 7	O:xx6/1
47	MCP Joint (Manual Jog Panel option)	DI 47	O:xx2/16	111	See below (Color Change option)	GI 7	O:xx6/1
18	MCP World (Manual Jog Panel option)	DI 48	O:xx2/17	112	See below (Color Change option)	GI 7	O:xx6/1
49	MCP Device B1 (Manual Jog Panel option)	DI 49	O:xx3/0	113	See below (Color Change option)	GI 8	O:xx7/0
50	MCP Device B2 (Manual Jog Panel option)	DI 50	O:xx3/1	114	See below (Color Change option)	GI 8	O:xx7/1
51	MCP Axis B1 (Manual Jog Panel option)	DI 51	O:xx3/2	115	See below (Color Change option)	GI 8	O:xx7/2
52	MCP Axis B2 (Manual Jog Panel option)	DI 52	O:xx3/3	116	See below (Color Change option)	GI 8	O:xx7/3
53	MCP Axis B3 (Manual Jog Panel option)	DI 53	O:xx3/4	117	See below (Color Change option)	GI 8	O:xx7/4
54	MCP Plus Jog (Manual Jog Panel option)	DI 54	O:xx3/4 O:xx3/5	118	See below (Color Change option)	GI 8	O:xx7/5
55	MCP Minus Jog (Manual Jog Panel option)	DI 55	O:xx3/6	119	See below (Color Change option)	GI 8	O:xx7/6
6	Run FCR	DI 56	O:xx3/7	120	See below (Color Change option)	GI 8	O:xx7/7
57	Eq1:Cancel Job	DI 57	O:xx3/10	121	See below (Color Change option)	GI 8	O:xx7/1
58	Eq2:Cancel Job	DI 58	O:xx3/10	122	See below (Color Change option)	GI 8	O:xx7/1
	Eq2:Caricer Job Eq1:Continue Job		O:xx3/11 O:xx3/12		See below (Color Change option)		
59		DI 59		123		GI 8	O:xx7/1
0	Eq2:Continue Job	DI 60	O:xx3/13	124	See below (Color Change option)	GI 8	O:xx7/1
31	Spare	DI 61	O:xx3/14	125	See below (Color Change option)	GI 8	O:xx7/1
62	Spare	DI 62	O:xx3/15	126	See below (Color Change option)	GI 8	O:xx7/1
63	Spare	DI 63	O:xx3/16	127	See below (Color Change option)	GI 8	O:xx7/1
	Spare	DI 64	O:xx3/17	128	See below (Color Change option)	GI 8	O:xx7/1

PaintTool I/O Layout Project No: Rev:1.1

Project Name: V6.31-1 Date: 9-March-04

CELL I/O Inputs [128 - 256]

PaintTool V6.43-1 Enhanced I/O

Pnt	Description	Rob#	PLC#	Pnt	Description	Rob#	PLC#
400	5 4 00 0 1 P0 (0 1 0) " )	010	0 0/0	100		DI 400	0 10/0
129 130	Eq1:CC Cycle B0 (Color Change option) Eq1:CC Cycle B1 (Color Change option)	GI 9 GI 9	O:xx8/0 O:xx8/1	193 194	Spare	DI 193 DI 194	O:xx12/0 O:xx12/1
131	Eq1:CC Cycle B1 (Color Change option)	GI 9	O:xx8/1	195	Spare Spare	DI 194	O:xx12/1 O:xx12/2
132	Eq1:CC Cycle B3 (Color Change option)	GI 9	O:xx8/3	196	Spare	DI 196	O:xx12/2
133	Eq2:CC Cycle B0 (Color Change option)	GI 10	O:xx8/4	197	Spare	DI 197	O:xx12/4
134	Eq2:CC Cycle B1 (Color Change option)	GI 10	O:xx8/5	198	Spare	DI 198	O:xx12/5
135	Eq2:CC Cycle B2 (Color Change option)	GI 10	O:xx8/6	199	Spare	DI 199	O:xx12/6
136	Eq2:CC Cycle B3 (Color Change option)	GI 10	O:xx8/7	200	Spare	DI 200	O:xx12/7
137	Opener Part Ignore	DI 137	O:xx8/10	201	Spare	DI 201	O:xx12/10
138	Ignore Remote (Opnr remote or Remote Opnr)	DI 138	O:xx8/11	202	Spare	DI 202	O:xx12/11
139	Opener Remote Request (Opener remote option)	DI 139	O:xx8/12	203	Spare	DI 203	O:xx12/12
140	Ack Remote Done (Opener remote option)	DI 140	O:xx8/13	204	Spare	DI 204	O:xx12/13
141	Remote Opener Done (Remote Opener Option)	DI 141	O:xx8/14	205	Spare	DI 205	O:xx12/14
142	Ack Remote Request (Remote Opener Option)	DI 142	O:xx8/15	206	Spare	DI 206	O:xx12/15
143	Spare	DI 143	O:xx8/16	207	Spare	DI 207	O:xx12/16
144	Spare	DI 144	O:xx8/17	208	Spare	DI 208	O:xx12/17
145	Spare	DI 145	O:xx9/0	209	Spare	DI 209	O:xx13/0
146	Spare	DI 146	O:xx9/1	210	Spare	DI 210	O:xx13/1
147	Spare	DI 140	O:xx9/2	211	Spare	DI 211	O:xx13/1
148	Spare	DI 148	O:xx9/3	212	Spare	DI 212	O:xx13/3
149	Spare	DI 149	O:xx9/4	213	Spare	DI 213	O:xx13/4
150	Spare	DI 150	O:xx9/5	214	Spare	DI 214	O:xx13/5
151	Spare	DI 151	O:xx9/6	215	Spare	DI 215	O:xx13/6 O:xx13/7
152	Spare	DI 152	O:xx9/7	216	Spare	DI 216	O:xx13/7
153	Spare	DI 153	O:xx9/10	217	Spare	DI 217	O:xx13/10
154	Spare	DI 154	O:xx9/11	218	Spare	DI 218	O:xx13/11
155	Spare	DI 155	O:xx9/12	219	Spare	DI 219	O:xx13/12 O:xx13/13
156	Spare	DI 156	O:xx9/13	220	Spare	DI 220	
157	Spare	DI 157	O:xx9/14	221	Spare	DI 221	O:xx13/14
158	Spare	DI 158 DI 159	O:xx9/15	222	Spare	DI 222	O:xx13/15
159 160	Spare Spare	DI 160	O:xx9/16 O:xx9/17	223 224	Spare Spare	DI 223 DI 224	O:xx13/16 O:xx13/17
100	Spare	טו וט	O.XX9/17	224	Spare	DI 224	U.XX13/17
161	Spare	DI 161	O:xx10/0	225	Spare	DI 225	O:xx14/0
162	Spare	DI 162	O:xx10/0	226	Spare	DI 226	O:xx14/1
163	Spare	DI 163	O:xx10/2	227	Spare	DI 227	O:xx14/1 O:xx14/2 O:xx14/3 O:xx14/4 O:xx14/5
164	Spare	DI 164	O:xx10/3	228	Spare	DI 228	O:xx14/3
165	Spare	DI 165	O:xx10/4	229	Spare	DI 229	O:xx14/4
166	Spare	DI 166	O:xx10/5	230	Spare	DI 230	O:xx14/5
167	Spare	DI 167	O:xx10/6	231	Spare	DI 231	O:xx14/6
168	Spare	DI 168	O:xx10/7	232	Spare	DI 232	O:xx14/7
169	Spare	DI 169	O:xx10/10	233	Spare	DI 233	O:xx14/10
170	Spare	DI 170	O:xx10/11	234	Spare	DI 234	O:xx14/11
171	Spare	DI 171	O:xx10/12	235	Spare	DI 235	O:xx14/12
172 173	Spare	DI 172 DI 173	O:xx10/13 O:xx10/14	236 237	Spare	DI 236 DI 237	O:xx14/13 O:xx14/14
173	Spare Spare	DI 173	O:xx10/14 O:xx10/15	238	Spare Spare	DI 237	O:xx14/14 O:xx14/15
174	Spare	DI 174	O:xx10/15	239	Spare	DI 239	O:xx14/16
176	Spare	DI 176	O:xx10/10	240	Spare	DI 240	O:xx14/17
177	Spare	DI 177	O:xx11/0	241	Spare	DI 241	O:xx15/0
178	Spare	DI 178	O:xx11/1	242	Spare	DI 242	O:xx15/1
179	Spare	DI 179	O:xx11/2	243	Spare	DI 243	O:xx15/2
180	Spare	DI 180	O:xx11/3	244	Spare	DI 244	O:xx15/3
181	Spare	DI 181	O:xx11/4	245	Spare	DI 245	O:xx15/4
	Spare	DI 182	O:xx11/5	246	Spare	DI 246	O:xx15/5
183	Spare	DI 183	O:xx11/6	247	Spare	DI 247	O:xx15/6
184	Spare	DI 184	O:xx11/7	248	Spare	DI 248	O:xx15/7
185	Spare	DI 185	O:xx11/10	249	Spare	DI 249	O:xx15/10
186	Spare	DI 186	O:xx11/11	250	Spare	DI 250	O:xx15/11
187	Spare	DI 187	O:xx11/12	251	Spare	DI 251	O:xx15/12
188	Spare	DI 188	O:xx11/13	252	Spare	DI 252	O:xx15/13
189	Spare	DI 189	O:xx11/14	253	Spare	DI 253	O:xx15/14
190	Spare	DI 190	O:xx11/15	254	Spare	DI 254	O:xx15/15
191	Spare	DI 191	O:xx11/16	255	Spare	DI 255	O:xx15/16
192	Spare	DI 192	O:xx11/17	256	Spare	DI 256	O:xx15/17

3

Rev:1.1

Date: 9-March-04

# **CELL I/O Outputs [1 - 128]**

### PaintTool V6.43-1 Enhanced I/O

Pnt	Description	Rob#	PLC#	Pnt	Description	Rob#	PLC#
1	UOP Command Enable	UO 1	I:xx0/0	G.E.	Egg: HV ON (VersePell ention)	DO 65	l:xx4/0
2	UOP System Ready	UO 2	1:xx0/0 1:xx0/1	65	Eq1:HV ON (VersaBell option) Eq1:HV Warning (VersaBell option)	DO 65	1:xx4/0 1:xx4/1
3	UOP Program Running	UO 3	1:xx0/1	67	Eq1:HV Remote (VersaBell option)	DO 67	1:xx4/2
4	UOP Robot Paused	UO 4	1:xx0/2	68	Eq2:HV ON (VersaBell option)	DO 67	1:xx4/3
5	UOP Robot Held	UO 5	1:xx0/4	69	Eq2:HV Warning (VersaBell option)	DO 69	1:xx4/4
6	UOP Fault	UO 6	1:xx0/5	70	Eg2:HV Remote (VersaBell option)	DO 70	1:xx4/5
7	UOP At Perch	UO 7	1:xx0/6	71	Eq1:Pump1 Running (Integral Pump Control option)		1:xx4/6
,	7.17 616.11		1.000		Eq1:Motor Running (Integrated Canister option)	2071	1.33 1/0
8	UOP TP Enable	UO 8	I:xx0/7	72	Eq1: Autocal Active (Accuflow option) Eq2:Pump1 Running (Integral Pump Control option)	DO 72	I:xx4/7
					Eq2:Motor Running (Integrated Canister option)		
9	Fault Data B0	GO 1	I:xx0/10	73	Eq1:DQ Calibration Active (DQ option)	DO 73	I:xx4/10
10	Fault Data B1	GO 1	I:xx0/11	74	Eq2:DQ Calibration Active (DQ option)	DO 74	I:xx4/11
11	Fault Data B2	GO 1	l:xx0/12	75	Eq1:Pump2 Running (Integral Pump Control option) Eq1:Can Cal Active (Integrated Canister Option)	DO 75	I:xx4/12
12	Fault Data B3	GO 1	I:xx0/13	76	Eq2:Pump2 Running (Integral Pump Control option)	DO 76	I:xx4/13
13	Fault Data B4	GO 1	I:xx0/14	77	Eq1:Mix Tube Full (Integral Pump Control option) Eq1:Canister Retracted (Servobell Option)	DO 77	I:xx4/14
14	Fault Data B5	GO 1	I:xx0/15	78	Eq2:Mix Tube Full (Integral Pump Control option)	DO 78	I:xx4/15
15	Fault Data B6	GO 1	I:xx0/16	79	Eq1:Bell Stopped (Turbine Speed)	DO 79	I:xx4/16
16	Fault Data B7	GO 1	I:xx0/17	80	Eq2:Bell Stopped(Turbine Speed)	DO 80	I:xx4/17
17	Fault Data Bit 8	GO 1	I:xx1/0	81	Eq1:Wait for Cancel/Continue	DO 81	I:xx5/0
18	Fault Data Bit 9	GO 1	I:xx1/1	82	Eq2:Wait for Cancel/Continue	DO 82	I:xx5/1
19	Fault Strobe	DO 19	I:xx1/2	83	Eq1:Wait for Cancel	DO 83	1:xx5/2
20	Initiate Acknowledge	DO 20	I:xx1/3	84	Eq2:Wait for Cancel	DO 84	I:xx5/3
21	Eq1:Production	DO 21	I:xx1/4	85	Eq1:Hold for Color Change (Tracking and CC)	DO 85	I:xx5/4
22	Eq2:Production	DO 22	I:xx1/5	86	Eq2:Hold for Color Change (Tracking and CC)	DO 86	1:xx5/5
23	Eq1:Not Production (Teach)	DO 23	I:xx1/6	87	Automatic Backup Error	DO 87	I:xx5/6
4	Eq2:Not Production (Teach)	DO 23	1:xx1/7	88	Automatic Backup Active	DO 88	1:xx5/7
5	Eq1:Manual Enable	DO 25	l:xx1/10	89	See below (Color Change option)	DO 89	I:xx5/10
6	Eq2:Manual Enable	DO 26 DO 27	l:xx1/11	90	See below (Color Change option) See below (Color Change option)	DO 90 DO 91	1:xx5/11
7	Spare Heartbeat	DO 27	I:xx1/12 I:xx1/13	92	See below (Color Change option)	DO 91 DO 92	l:xx5/12 l:xx5/13
8	Major Fault	DO 29	1:xx1/13	93	See below (Color Change option)	DO 92	1:xx5/14
30	Booth Reset	DO 30	I:xx1/15	94	See below (Color Change option)	DO 94	1:xx5/15
31	Eg1:Job Active	DO 31	I:xx1/16	95	See below (Color Change option)	DO 95	1:xx5/16
32	Eq2:Job Active	DO 32	I:xx1/17	96	See below (Color Change option)	DO 96	I:xx5/17
33	Eq1:Job Ready	DO 33	I:xx2/0	97	See below (Color Change option)	GO 4	I:xx6/0
34	Eq2:Job Ready	DO 34	I:xx2/1	98	See below (Color Change option)	GO 4	I:xx6/1
35	Eq1:Job Complete	DO 35	I:xx2/2	99	See below (Color Change option)	GO 4	1:xx6/2
6	Eq2:Job Complete	DO 36	I:xx2/3	100		GO 4	1:xx6/3
37	Eq1:Executing Motion	DO 37	I:xx2/4	101	, , ,	GO 4	I:xx6/4
8	Eq2:Executing Motion	DO 38	I:xx2/5	102	, , ,	GO 4	I:xx6/5
9	Tracking Queue Empty (Line/Rail Tracking option)	DO 39	I:xx2/6	103		GO 4	1:xx6/6
0	MCP Jog Active (Manual Jog Panel option)	DO 40	I:xx2/7	104	, ,	GO 4	I:xx6/7
1	Eq1:At Special Position B0	GO 2	I:xx2/10	105		GO 4	I:xx6/10
2	Eq1:At Special Position B1	GO 2	I:xx2/11	106	, , ,	GO 4	I:xx6/11
13	Eq1:At Special Position B2	GO 2	1:xx2/12	107		GO 4	I:xx6/12
4	Eq1:At Special Position B3	GO 2	I:xx2/13	108	, , ,	GO 4	I:xx6/13
15	Eq1:At Special Position B4	GO 2	1:xx2/14	109		GO 4	1:xx6/14
16 17	Eq1:At Special Position B5	GO 2	1:xx2/15	110	1	GO 4	1:xx6/15
8	Eq1:At Special Position B6 Eq1:At Special Position B7	GO 2 GO 2	l:xx2/16 l:xx2/17	111	` ' ' '	GO 4 GO 4	l:xx6/16 l:xx6/17
19	Eq1:At Special Position B8	GO 2	I:xx3/0	113	See below (Color Change option)	GO 5	I:xx7/0
50	Eq1:At Special Position B9	GO 2	1:xx3/0	114	, J	GO 5	1:xx7/0
51	Eq1:At Special Position B10	GO 2	1:xx3/2	115	, , ,	GO 5	1:xx7/2
2	Eq1:At Special Position B11	GO 2	1:xx3/3	116		GO 5	1:xx7/3
3	Eg2:At Special Position B0/Eg1:B12(openers)	GO 3	1:xx3/4	117	, , ,	GO 5	1:xx7/4
4	Eq2:At Special Position B1/Eq1:B13(openers)	GO 3	1:xx3/5	118		GO 5	I:xx7/5
5	Eq2:At Special Position B2/Eq1:B14(openers)	GO 3	I:xx3/6	119	· · · · · · · · · · · · · · · · · · ·	GO 5	I:xx7/6
6	Eq2:At Special Position B3/Eq1:B15(openers)	GO 3	I:xx3/7	120	,	GO 5	I:xx7/7
7	Eq2:At Special Position B4	GO 3	I:xx3/10	121	, , ,	GO 5	I:xx7/10
8	Eq2:At Special Position B5	GO 3	I:xx3/11	122		GO 5	I:xx7/11
9	Eq2:At Special Position B6	GO 3	I:xx3/12	123	· · · · · · · · · · · · · · · · · · ·	GO 5	I:xx7/12
0	Eq2:At Special Position B7	GO 3	I:xx3/13	124		GO 5	I:xx7/13
31	Eq2:At Special Position B8	GO 3	I:xx3/14	125		GO 5	I:xx7/14
32	Eq2:At Special Position B9	GO 3	I:xx3/15	126		GO 5	I:xx7/15
63	Eq2:At Special Position B10	GO 3	I:xx3/16	127	, , ,	GO 5	I:xx7/16
	Eq2:At Special Position B11	GO 3	I:xx3/17	128	See below (Color Change option)	GO 5	I:xx7/17

Project Name: V6.31-1

Project No:

Rev:1.1

Date: 9-March-04

# **CELL I/O Outputs [128 - 256]**

### PaintTool V6.43-1 Enhanced I/O

Pnt	Description	Rob#	PLC#	Pnt	Description	Rob#	PLC#
400	5 4 00 0 1 B0 (0 1 0)	000		400		DO 100	1 10/0
129	Eq1:CC Cycle B0 (Color Change option)	GO 6	1:xx8/0	193	Spare	DO 193	l:xx12/0
130 131	Eq1:CC Cycle B1 (Color Change option) Eq1:CC Cycle B2 (Color Change option)	GO 6 GO 6	l:xx8/1 l:xx8/2	194 195	Spare Spare	DO 194 DO 195	l:xx12/1 l:xx12/2
	Eq1:CC Cycle B3 (Color Change option)	GO 6	1:xx8/2 1:xx8/3	196	Spare	DO 193	1:xx12/2 1:xx12/3
133	Eq2:CC Cycle B0 (Color Change option)	GO 7	1:xx8/4	197	Spare	DO 197	I:xx12/4
	Eq2:CC Cycle B1 (Color Change option)	GO 7	1:xx8/5	198	Spare	DO 198	I:xx12/5
135	Eq2:CC Cycle B2 (Color Change option)	GO 7	I:xx8/6	199	Spare	DO 199	I:xx12/6
	Eq2:CC Cycle B3 (Color Change option)	GO 7	I:xx8/7	200	Spare	DO 200	I:xx12/7
137	Eq1:Paint Total B0 (Integral Pump Control and	GO 8	I:xx8/10	201	Spare	DO 201	I:xx12/10
100	Integrated Canister and Accuflow option)	000	Ina/0/11	200	Case	DO 202	Invest 0/4.4
138	Eq1:Paint Total B1 (All Fluid options)	GO 8 GO 8	l:xx8/11 l:xx8/12	202	Spare	DO 202 DO 203	l:xx12/11
139 140	Eq1:Paint Total B2 (All Fluid options) Eq1:Paint Total B3 (All Fluid options)	GO 8	1:xx8/12 1:xx8/13	203	Spare Spare	DO 203	l:xx12/12 l:xx12/13
	Eq1:Paint Total B4 (All Fluid options)	GO 8	1:xx8/14	205	Spare	DO 205	1:xx12/13 1:xx12/14
	Eq1:Paint Total B5 (All Fluid options)	GO 8	1:xx8/15	206	Spare	DO 206	I:xx12/15
143	Eq1:Paint Total B6 (All Fluid options))	GO 8	I:xx8/16	207	Spare	DO 207	I:xx12/16
144	Eq1:Paint Total B7 (All Fluid options)	GO 8	I:xx8/17	208	Spare	DO 208	I:xx12/17
145	Eq1:Paint Total B8 (All Fluid options)	GO 8	I:xx9/0	209	Spare	DO 209	I:xx13/0
146	Eq1:Paint Total B9 (All Fluid options)	GO 8	1:xx9/1	210	Spare	DO 210	I:xx13/1
	Eq1:Paint Total B10 (All Fluid options)	GO 8	1:xx9/2	211	Spare	DO 211	1:xx13/2
148	Eq1:Paint Total B11 (All Fluid options)	GO 8	I:xx9/3	212	Spare	DO 212	I:xx13/3
149	Eq2:Paint Total B0 (Integral Pump Control and	GO 9	I:xx9/4	213	Spare	DO 213	I:xx13/4
	Integrated Canister option)						
150	Eq2:Paint Total B1 (All Fluid options)	GO 9	I:xx9/5	214	Spare	DO 214	I:xx13/5
	Eq2:Paint Total B2 (All Fluid options)	GO 9	I:xx9/6	215	Spare	DO 215	I:xx13/6
152	Eq2:Paint Total B3 (All Fluid options)	GO 9	1:xx9/7	216	Spare	DO 216	I:xx13/7
153	Eq2:Paint Total B4 (All Fluid options)	GO 9	1:xx9/10	217	Spare	DO 217	l:xx13/10
	Eq2:Paint Total B5 (All Fluid options)	GO 9 GO 9	1:xx9/11	218	Spare	DO 218	l:xx13/11
155 156	Eq2:Paint Total B6 (All Fluid options) Eq2:Paint Total B7 (All Fluid options)	GO 9	I:xx9/12 I:xx9/13	219 220	Spare Spare	DO 219 DO 220	l:xx13/12 l:xx13/13
157	Eq2:Paint Total B8 (All Fluid options)	GO 9	1:xx9/13 1:xx9/14	221	Spare	DO 221	I:xx13/13
158	Eq2:Paint Total B9 (All Fluid options)	GO 9	1:xx9/15	222	Spare	DO 222	I:xx13/15
159	Eq2:Paint Total B10 (All Fluid options)	GO 9	1:xx9/16	223	Spare	DO 223	I:xx13/16
160	Eq2:Paint Total B11 (All Fluid options)	GO 9	I:xx9/17	224	Spare	DO 224	I:xx13/17
161	Opener Job Complete	DO 161	I:xx10/0	225	Spare	DO 225	I:xx14/0
	Remote Opener Request (Remote opener option)	DO 162	I:xx10/1	226	Spare	DO 226	I:xx14/1
163	Ack Remote Done (Remote opener option)	DO 163	l:xx10/2	227	Spare	DO 227	I:xx14/2
164	Opener Done (Opener Remote option)	DO 164	1:xx10/3	228	Spare	DO 228	l:xx14/3
165 166	Ack Remote Request (Opener Remote option) Spare	DO 165 DO 166	I:xx10/4 I:xx10/5	229	Spare	DO 229 DO 230	l:xx14/4 l:xx14/5
167	Spare	DO 166	1:xx10/5 1:xx10/6	231	Spare Spare	DO 230	1:xx14/5 1:xx14/6
168	Spare	DO 167	1:xx10/0	232	Spare	DO 232	1:xx14/7
169	User Function B0	DO 169	I:xx10/10	233	Spare	DO 232	1:xx14/10
170	User Function B1	DO 170		234	Spare	DO 234	I:xx14/11
171	User Function B2	DO 171	I:xx10/12	235	Spare	DO 235	I:xx14/12
172	User Function B3	DO 172		236	Spare	DO 236	I:xx14/13
173	User Function B4	DO 173	I:xx10/14	237	Spare	DO 237	I:xx14/14
174	User Function B5	DO 174	I:xx10/15	238	Spare	DO 238	I:xx14/15
	User Function B6		I:xx10/16	239	Spare	DO 239	I:xx14/16
176	User Function B7	DO 176	I:xx10/17	240	Spare	DO 240	I:xx14/17
177	Spare	DO 177	I:xx11/0	241	Spare	DO 241	I:xx15/0
178	Spare	DO 178	I:xx11/1	242	Spare	DO 242	I:xx15/1
179	Spare	DO 179	I:xx11/2	243	Spare	DO 243	I:xx15/2
180	Spare	DO 180	I:xx11/3	244	Spare	DO 244	I:xx15/3
	Spare	DO 181	I:xx11/4	245	Spare	DO 245	I:xx15/4
	Spare	DO 182	I:xx11/5	246	Spare	DO 246	I:xx15/5
	Spare	DO 183	I:xx11/6	247	Spare	DO 247	I:xx15/6
	Spare	DO 184	l:xx11/7	248	Spare	DO 248	l:xx15/7
	Spare	DO 185		249	Spare	DO 249	l:xx15/10
	Spare		l:xx11/11	250	Spare	DO 250	l:xx15/11
	Spare	DO 187		251	Spare	DO 251 DO 252	1:xx15/12
	Spare Spare	DO 188	l:xx11/13 l:xx11/14	252 253	Spare	DO 252 DO 253	1:xx15/13
	opare				Spare		1:xx15/14
	Spare		1.4411/12	シムバ	ISpare		
190	Spare Spare	DO 190	I:xx11/15 I:xx11/16	254 255	Spare Spare	DO 254 DO 255	l:xx15/15 l:xx15/16

# Remote Outputs

Date: 9-March-04

\_\_\_\_\_

# Color Change Option (IPC 1K - Single Metering)

Inputs Outputs

					1	I			
	Eq1:pTRIG Request	pTRIG	GI 5	O:xx5/10		Eq1:pTRIG Echo	pTRIG	DO 89	I:xx5/10
	Eq1:Reserved		GI 5	O:xx5/11		Eq1:Reserved		DO 90	I:xx5/11
	Eq1:Reserved		GI 5	O:xx5/12	91	Eq1:Reserved		DO 91	I:xx5/12
	Eq1:pC1-24 Request	pC1-24	GI 5	O:xx5/13	92	Eq1:pC1-24 Echo	pC1-24	DO 92	I:xx5/13
	Eq2:pTRIG Request	pTRIG	GI 6	O:xx5/14		Eq2:pTRIG Echo	pTRIG	DO 93	I:xx5/14
	Eq2:Reserved		GI 6	O:xx5/15		Eq2:Reserved		DO 94	l:xx5/15
	Eq2:Reserved		GI 6	O:xx5/16	95	Eq2:Reserved		DO 95	I:xx5/16
96	Eq2:pC1-24 Request	pC1-24	GI 6	O:xx5/17	96	Eq2:pC1-24 Echo	pC1-24	DO 96	I:xx5/17
97	Eq1:pPE Request	pPE	GI 7	O:xx6/0	97	Eq1:pPE Echo	pPE	GO 4	I:xx6/0
98	Eq1:pIW Request	plW	GI 7	O:xx6/1	98	Eq1:pIW Echo	plW	GO 4	I:xx6/1
99	Eq1:pBW Request	pBW	GI 7	O:xx6/2	99	Eq1:pBW Echo	pBW	GO 4	1:xx6/2
100	Eq1:pSOL Request	pSOL	GI 7	O:xx6/3	100	Eq1:pSOL Echo	pSOL	GO 4	I:xx6/3
101	Eq1:pAIR Request	pAIR	GI 7	O:xx6/4	101	Eq1:pAIR Echo	pAIR	GO 4	I:xx6/4
102	Eq1:pCC Request	pCC	GI 7	O:xx6/5	102	Eq1:pCC Echo	pCC	GO 4	I:xx6/5
103	Eq1:pDUMP Request	pDUMP	GI 7	O:xx6/6	103	Eq1:pDUMP Echo	pDUMP	GO 4	I:xx6/6
	Eq1:pFLUSH Request	pFLUSH	GI 7	O:xx6/7	104	Eq1:pFLUSH Echo	pFLUSH	GO 4	I:xx6/7
105	Eq1:pSEAL Request	pSEAL	GI 7	O:xx6/10	105	Eg1:pSEAL Echo	pSEAL	GO 4	I:xx6/10
	Eq1:pDUMP2 Request	pDUMP2	GI 7	O:xx6/11	106	Eq1:pDUMP2 Echo	pDUMP2	GO 4	I:xx6/11
	Eg1:Reserved		GI 7	O:xx6/12		Eg1:Reserved		GO 4	I:xx6/12
108	Eg1:Reserved		GI 7	O:xx6/13	108	Eg1:Reserved		GO 4	I:xx6/13
	Eg1:Reserved		DI 109	O:xx6/14		Eg1:Reserved		DO 109	I:xx6/14
110	Eg1:Reserved		DI 110	O:xx6/15	110	Eg1:Reserved		DO 110	I:xx6/15
	Eg1:ACA Request		DI 111	O:xx6/16	111	Eg1:ACA Echo		DO 111	I:xx6/16
	Eq1:pACS Request		DI 112	O:xx6/17		Eq1:pACS Echo		DO 112	I:xx6/17
113	Eg2:pPE Request	pPE	GI8	O:xx7/0	113	Eg2:pPE Echo	pPE	GO 5	I:xx7/0
	Eq2:pIW Request	Wlq	GI 8	O:xx7/1		Eg2:pIW Echo	Wlq	GO 5	I:xx7/1
	Eg2:pBW Request	pBW	GI 8	O:xx7/2		Eq2:pBW Echo	pBW	GO 5	I:xx7/2
	Eg2:pSOL Request	pSOL	GI 8	O:xx7/3		Eq2:pSOL Echo	pSOL	GO 5	I:xx7/3
	Eg2:pAIR Request	pAIR	GI 8	O:xx7/4		Eg2:pAIR Echo	pAIR	GO 5	I:xx7/4
	Eq2:pCC Request	pCC	GI 8	O:xx7/5		Eg2:pCC Echo	рСС	GO 5	I:xx7/5
119	Eq2:pDUMP Request	pDUMP	GI 8	O:xx7/6		Eg2:pDUMP Echo	pDUMP	GO 5	I:xx7/6
	Eg2:pFLUSH Request	pFLUSH	GI 8	O:xx7/7		Eq2:pFLUSH Echo	pFLUSH	GO 5	1:xx7/7
	Eg2:pSEAL Request	pSEAL	GI 8	O:xx7/10		Eg2:pSEAL Echo	pSEAL	GO 5	I:xx7/10
	Eg2:pDUMP2 Request	pDUMP2	GI 8	O:xx7/11		Eq2:pDUMP2 Echo	pDUMP2	GO 5	I:xx7/11
	Eg2:Reserved		GI 8	O:xx7/12		Eq2:Reserved		GO 5	I:xx7/12
	Eg2:Reserved		GI 8	O:xx7/13		Eg2:Reserved		GO 5	I:xx7/13
	Eg2:Reserved		DI 125	O:xx7/14		Eg2:Reserved		DO 125	1:xx7/14
	Eg2:Reserved		DI 126	O:xx7/15		Eq2:Reserved		DO 126	I:xx7/15
	Eg2:ACA Request	ACA	DI 127	O:xx7/16		Eg2:ACA Echo	ACA	DO 127	1:xx7/16
	Eg2:pACS Request	pACS		O:xx7/17		Eq2:pACS Echo	pACS	DO 127	1:xx7/17

Date: 9-March-04

\_\_\_\_\_

# Color Change Option (P-500 IPC 2K – Fixed/Variable Metering)

Inputs Outputs

89	Eq1:pTRIG Request	pTRIG	GI 5	O:xx5/10	89	Eq1:pTRIG Echo	pTRIG	DO 89	I:xx5/10
90	Eq1:Reserved		GI 5	O:xx5/11	90	Eq1:Reserved		DO 90	I:xx5/11
91	Eq1:pH1 Request	pH1	GI 5	O:xx5/12	91	Eq1:pH1 Echo	pH1	DO 91	I:xx5/12
92	Eq1:pC1-24 Request	pC1-24	GI 5	O:xx5/13	92	Eq1:pC1-24 Echo	pC1-24	DO 92	I:xx5/13
93	Eq2:pTRIG Request	pTRIG	GI6	O:xx5/14	93	Eq2:pTRIG Echo	pTRIG	DO 93	I:xx5/14
94	Eq2:Reserved		GI 6	O:xx5/15	94	Eq2:Reserved		DO 94	I:xx5/15
95	Eq2:pH1 Request	pH1	GI 6	O:xx5/16	95	Eq2:pH1 Echo	pH1	DO 95	I:xx5/16
96	Eq2:pC1-24 Request	pC1-24	GI 6	O:xx5/17	96	Eq2:pC1-24 Echo	pC1-24	DO 96	I:xx5/17
							•		
97	Eq1:pPE Request	pPE	GI7	O:xx6/0	97	Eq1:pPE Echo	pPE	GO 4	I:xx6/0
98	Eq1:pIW Request	plW	GI7	O:xx6/1	98	Eq1:pIW Echo	plW	GO 4	I:xx6/1
99	Eq1:pBW Request	pBW	GI 7	O:xx6/2	99	Eq1:pBW Echo	pBW	GO 4	1:xx6/2
100	Eq1:pSOL Request	pSOL	GI7	O:xx6/3	100	Eq1:pSOL Echo	pSOL	GO 4	I:xx6/3
101	Eq1:pAIR Request	pAIR	GI 7	O:xx6/4	101	Eq1:pAIR Echo	pAIR	GO 4	I:xx6/4
102	Eq1:pCC Request	pCC	GI 7	O:xx6/5	102	Eq1:pCC Echo	pCC	GO 4	I:xx6/5
103	Eq1:pDUMP Request	pDUMP	GI 7	O:xx6/6	103	Eq1:pDUMP Echo	pDUMP	GO 4	1:xx6/6
104	Eq1:pFLUSH Request	pFLUSH	GI 7	O:xx6/7	104	Eq1:pFLUSH Echo	pFLUSH	GO 4	I:xx6/7
105	Eq1:pSEAL Request	pSEAL	GI 7	O:xx6/10	105	Eq1:pSEAL Echo	pSEAL	GO 4	I:xx6/10
106	Eq1:pDUMP2 Request	pDUMP2	GI 7	O:xx6/11	106	Eq1:pDUMP2 Echo	pDUMP2	GO 4	I:xx6/11
107	Eq1:pCAT Request	pCAT	GI 7	O:xx6/12	107	Eq1:pCAT Echo	pCAT	GO 4	I:xx6/12
108	Eq1:pWASH Request	HZAWq	GI7	O:xx6/13	108	Eg1:pWASH Echo	HZAWq	GO 4	I:xx6/13
109	Eq1:pSOL2 Request	pSOL2	GI 7	O:xx6/14	109	Eq1:pSOL2 Echo	pSOL2	GO 4	I:xx6/14
110	Eq1:pFLUSH2 Request	pFLUSH	GI7	O:xx6/15	110	Eq1:pFLUSH2 Echo	pFLUSH	GO 4	I:xx6/15
		· 2				' '	. 2		
111	Eq1:ACA Request	ACA	GI 7	O:xx6/16	111	Eq1:ACA Echo	ACA	GO 4	I:xx6/16
112	Eq1:pACS Request	pACS	GI 7	O:xx6/17	112	Eq1:pACS Echo	pACS	GO 4	I:xx6/17
113	Eq2:pPE Request	pPE	GI8	O:xx7/0	113	Eq2:pPE Echo	pPE	GO 5	I:xx7/0
114	Eq2:pIW Request	plW	GI8	O:xx7/1	114	Eq2:pIW Echo	plW	GO 5	I:xx7/1
115	Eq2:pBW Request	pBW	GI8	O:xx7/2	115	Eq2:pBW Echo	pBW	GO 5	I:xx7/2
116	Eq2:pSOL Request	pSOL	GI8	O:xx7/3	116	Eq2:pSOL Echo	pSOL	GO 5	I:xx7/3
117	Eq2:pAIR Request	pAIR	GI8	O:xx7/4	117	Eq2:pAIR Echo	pAIR	GO 5	I:xx7/4
118	Eq2:pCC Request	pCC	GI8	O:xx7/5	118	Eq2:pCC Echo	pCC	GO 5	I:xx7/5
119	Eq2:pDUMP Request	pDUMP	GI8	O:xx7/6	119	Eq2:pDUMP Echo	pDUMP	GO 5	I:xx7/6
120	Eq2:pFLUSH Request	pFLUSH	GI8	O:xx7/7	120	Eq2:pFLUSH Echo	pFLUSH	GO 5	I:xx7/7
121	Eq2:pSEAL Request	pSEAL	GI8	O:xx7/10	121	Eq2:pSEAL Echo	pSEAL	GO 5	I:xx7/10
122	Eq2:pDUMP2 Request	pDUMP2	GI8	O:xx7/11	122	Eq2:pDUMP2 Echo	pDUMP2	GO 5	I:xx7/11
123	Eq2:pCAT Request	pCAT	GI8	O:xx7/12	123	Eq2:pCAT Echo	pCAT	GO 5	I:xx7/12
124	Eq2:pWASH Request	pWASH	GI8	O:xx7/13	124	Eq2:pWASH Echo	pWASH	GO 5	I:xx7/13
125	Eq2:pSOL2 Request	pSOL2	GI8	O:xx7/14	125	Eq2:pSOL2 Echo	pSOL2	GO 5	I:xx7/14
126	Eq2:pFLUSH2 Request	pFLUSH	GI8	O:xx7/15	126	Eq2:pFLUSH2 Echo	PFLUSH	GO 5	I:xx7/15
		2					2		
127	Eq2:ACA Request	ACA	GI8	O:xx7/16	127	Eq2:ACA Echo	ACA	GO 5	I:xx7/16
128	Eq2:pACS Request	pACS	GI8	O:xx7/17	128	Eq2:pACS Echo	pACS	GO 5	I:xx7/17

Date: 9-March-04

8

\_\_\_\_\_

# Color Change Option (P-200 IPC 2K – Fixed/Variable Metering)

Inputs Outputs

89	Eq1:pTRIG Request	pTRIG	GI 5	O:xx5/10	89	Eq1:pTRIG Echo	pTRIG	DO 89	I:xx5/10
90	Eq1:Reserved	·	GI 5	O:xx5/11	90	Eq1:Reserved	·	DO 90	I:xx5/11
91	Eq1:pH1 Request	pH1	GI 5	O:xx5/12	91	Eq1:pH1 Echo	pH1	DO 91	I:xx5/12
92	Eq1:pC1-24 Request	pC1-24	GI 5	O:xx5/13	92	Eq1:pC1-24 Echo	pC1-24	DO 92	I:xx5/13
93	Eg2:pTRIG Request	pTRIG	GI 6	O:xx5/14	93	Eg2:pTRIG Echo	pTRIG	DO 93	I:xx5/14
94	Eg2:Reserved		GI 6	O:xx5/15	94	Eq2:Reserved		DO 94	I:xx5/15
95	Eg2:pH1 Request	pH1	GI 6	O:xx5/16	95	Eq2:pH1 Echo	pH1	DO 95	I:xx5/16
96	Eq2:pC1-24 Request	pC1-24	GI 6	O:xx5/17	96	Eq2:pC1-24 Echo	pC1-24	DO 96	I:xx5/17
							•		
97	Eg1:pPE Request	pPE	GI7	O:xx6/0	97	Eq1:pPE Echo	pPE	GO 4	I:xx6/0
98	Eq1:plW Request	plW	GI7	O:xx6/1	98	Eq1:pIW Echo	Wlq	GO 4	I:xx6/1
99	Eq1:pBW Request	pBW	GI7	O:xx6/2	99	Eq1:pBW Echo	pBW	GO 4	I:xx6/2
100	Eq1:pSOL Request	pSOL	GI7	O:xx6/3	100	Eq1:pSOL Echo	pSOL	GO 4	I:xx6/3
101	Eq1:pAIR Request	pAIR	GI7	O:xx6/4	101	Eq1:pAIR Echo	pAIR	GO 4	I:xx6/4
102	Eq1:pCC Request	pCC	GI7	O:xx6/5	102	Eq1:pCC Echo	pCC	GO 4	I:xx6/5
103	Eq1:pDUMP Request	pDUMP	GI 7	O:xx6/6		Eq1:pDUMP Echo	pDUMP	GO 4	I:xx6/6
104	Eq1:pFLUSH Request	pFLUSH	GI7	O:xx6/7	104	Eq1:pFLUSH Echo	pFLUSH	GO 4	I:xx6/7
105	Eq1:pSEAL Request	pSEAL	GI7	O:xx6/10	105	Eq1:pSEAL Echo	pSEAL	GO 4	I:xx6/10
106	Eq1:pDUMP2 Request	pDUMP2	GI7	O:xx6/11		Eq1:pDUMP2 Echo	pDUMP2	GO 4	I:xx6/11
107	Eq1:pCAT Request	pCAT	GI7	O:xx6/12	107	Eq1:pCAT Echo	pCAT	GO 4	I:xx6/12
108	Eq1:pCC2 Request	pCC2	GI7	O:xx6/13	108	Eq1:pCC2 Echo	pCC2	GO 4	I:xx6/13
109	Eq1:pSOL2 Request	pSOL2	GI7	O:xx6/14	109	Eq1:pSOL2 Echo	pSOL2	GO 4	I:xx6/14
110	Eq1:pFLUSH2 Request	pFLUSH	GI7	O:xx6/15	110	Eq1:pFLUSH2 Echo	pFLUSH	GO 4	I:xx6/15
		2					2		
111	Eq1:ACA Request	ACA	GI 7	O:xx6/16		Eq1:ACA Echo	ACA	GO 4	I:xx6/16
112	Eq1:pACS Request	pACS	GI 7	O:xx6/17	112	Eq1:pACS Echo	pACS	GO 4	I:xx6/17
113	Eq2:pPE Request	pPE	GI8	O:xx7/0		Eq2:pPE Echo	pPE	GO 5	I:xx7/0
114	Eq2:pIW Request	plW	GI8	O:xx7/1		Eq2:pIW Echo	plW	GO 5	I:xx7/1
115	Eq2:pBW Request	pBW	GI8	O:xx7/2		Eq2:pBW Echo	pBW	GO 5	I:xx7/2
116	Eq2:pSOL Request	pSOL	GI8	O:xx7/3		Eq2:pSOL Echo	pSOL	GO 5	I:xx7/3
117	Eq2:pAIR Request	pAIR	GI8	O:xx7/4		Eq2:pAIR Echo	pAIR	GO 5	I:xx7/4
118	Eq2:pCC Request	pCC	GI8	O:xx7/5		Eq2:pCC Echo	pCC	GO 5	I:xx7/5
119	Eq2:pDUMP Request	pDUMP	GI8	O:xx7/6		Eq2:pDUMP Echo	pDUMP	GO 5	I:xx7/6
120	Eq2:pFLUSH Request	pFLUSH	GI8	O:xx7/7		Eq2:pFLUSH Echo	pFLUSH	GO 5	I:xx7/7
121	Eq2:pSEAL Request	pSEAL	GI8	O:xx7/10	121	Eq2:pSEAL Echo	pSEAL	GO 5	I:xx7/10
122	Eq2:pDUMP2 Request	pDUMP2	GI8	O:xx7/11		Eq2:pDUMP2 Echo	pDUMP2	GO 5	I:xx7/11
123	Eq2:pCAT Request	pCAT	GI8	O:xx7/12		Eq2:pCAT Echo	pCAT	GO 5	I:xx7/12
124	Eq2:pCC2 Request	pCC2	GI8	O:xx7/13		Eq2:pCC2 Echo	pCC2	GO 5	I:xx7/13
125	Eq2:pSOL2 Request	pSOL2	GI8	O:xx7/14		Eq2:pSOL2 Echo	pSOL2	GO 5	I:xx7/14
126	Eq2:pFLUSH2 Request	pFLUSH	GI8	O:xx7/15	126	Eq2:pFLUSH2 Echo	PFLUSH	GO 5	I:xx7/15
		2					2		
127	Eq2:ACA Request	ACA	GI8	O:xx7/16		Eq2:ACA Echo	ACA	GO 5	I:xx7/16
128	Eq2:pACS Request	pACS	GI8	O:xx7/17	128	Eq2:pACS Echo	pACS	GO 5	I:xx7/17

Project Name: V6.31-1 Project No: Rev:1.1 Date: 9-March-04

### **Color Change Option (Waterborne - Integrated Canister)**

Inputs Outputs

89	Eq1:pTRIG Request	pTRIG	GI 5	O:xx5/10	89	Eg1:pTRIG Echo	pTRIG	DO 89	I:xx5/10
	Eg1:Reserved	prina	GI 5	O:xx5/11		Eg1:Reserved	pirtio	DO 90	I:xx5/11
	Eq1:Reserved		GI 5	O:xx5/12	91	Eg1: Reserved		DO 91	I:xx5/12
	Eg1:pC1-24 Request	pC1-24	GI 5	O:xx5/13		Eq1:pC1-24 Echo	pC1-24	DO 92	I:xx5/12
	Eg2:pTRIG Request	pTRIG	GI 6	O:xx5/14		Eg2:pTRIG Echo	pTRIG	DO 93	I:xx5/14
	Eg2:Reserved	pirtic	GI 6	O:xx5/15		Eg2:Reserved	pirtid	DO 94	I:xx5/15
	Eg2:Reserved		GI 6	O:xx5/16	95	Eg2: Reserved		DO 95	I:xx5/16
	Eg2:pC1-24 Request	pC1-24	GI 6	O:xx5/17		Eq2:pC1-24 Echo	pC1-24	DO 96	I:xx5/17
30	Eq2.901 24 Nequest	po 1-24	aru	O.XX3/17	30	L42.901 24 2010	po 1-24	DO 90	1.225/17
97	Eg1:pPE Request	pPE	GI7	O:xx6/0	97	Eq1:pPE Echo	pPE	GO 4	I:xx6/0
98	Eq1:pIW Request	plW	GI 7	O:xx6/1	98	Eq1:plW Echo	plW	GO 4	I:xx6/1
99	Eq1:pBW Request	pBW	GI7	O:xx6/2	99	Eq1:pBW Echo	pBW	GO 4	I:xx6/2
	Eq1:pSOL Request	pSOL	GI7	O:xx6/3	100	Eq1:pSOL Echo	pSOL	GO 4	I:xx6/3
101	Eq1:pAIR Request	pAIR	GI7	O:xx6/4	101	Eq1:pAIR Echo	pAIR	GO 4	I:xx6/4
102	Eq1:pCC Request	pCC	GI7	O:xx6/5	102	Eq1:pCC Echo	pCC	GO 4	I:xx6/5
103	Eq1:pDUMP Request	pDUMP	GI 7	O:xx6/6	103	Eq1:pDUMP Echo	pDUMP	GO 4	1:xx6/6
104	Eq1:pCAN Request	pCAN	GI 7	O:xx6/7	104	Eq1:pCAN Echo	pCAN	GO 4	I:xx6/7
105	Eq1:pSEAL Request	pSEAL	GI7	O:xx6/10	105	Eq1:pSEAL Echo	pSEAL	GO 4	I:xx6/10
106	Eq1:pDUMP2 Request	pDUMP2	GI7	O:xx6/11	106	Eq1:pDUMP2 Echo	pDUMP2	GO 4	I:xx6/11
	Eq1:pWASH Request	pWASH	GI7	O:xx6/12	107	Eq1:pWASH Echo	pWASH	GO 4	I:xx6/12
108	Eq1:pSOL2 Request	pSOL2	GI 7	O:xx6/13	108	Eq1:pSOL2 Echo	pSOL2	GO 4	I:xx6/13
109	Eq1:pDUMP3 Request	pDUMP3	GI7	O:xx6/14	109	Eq1:pDUMP3 Echo	pDUMP3	GO 4	I:xx6/14
110	Eq1:Reserved		GI7	O:xx6/15	110	Eq1:Reserved		GO 4	I:xx6/15
111	Eq1:ACA Request	ACA	GI7	O:xx6/16	111	Eq1:ACA Echo	ACA	GO 4	I:xx6/16
112	Eq1:pACS Request	pACS	GI7	O:xx6/17	112	Eq1:pACS Echo	pACS	GO 4	I:xx6/17
113	Eq2:pPE Request	pPE	GI8	O:xx7/0	113	Eq2:pPE Echo	pPE	GO 5	I:xx7/0
114	Eq2:pIW Request	plW	GI8	O:xx7/1	114	Eq2:pIW Echo	plW	GO 5	I:xx7/1
	Eq2:pBW Request	pBW	GI8	O:xx7/2		Eq2:pBW Echo	pBW	GO 5	I:xx7/2
	Eq2:pSOL Request	pSOL	GI8	O:xx7/3		Eq2:pSOL Echo	pSOL	GO 5	I:xx7/3
	Eq2:pAIR Request	pAIR	GI8	O:xx7/4		Eq2:pAIR Echo	pAIR	GO 5	I:xx7/4
	Eq2:pCC Request	pCC	GI8	O:xx7/5		Eq2:pCC Echo	pCC	GO 5	I:xx7/5
	Eq2:pDUMP Request	pDUMP	GI8	O:xx7/6		Eq2:pDUMP Echo	pDUMP	GO 5	I:xx7/6
	Eq2:pCAN Request	pCAN	GI8	O:xx7/7		Eq2:pCAN Echo	pCAN	GO 5	I:xx7/7
	Eq2:pSEAL Request	pSEAL	GI8	O:xx7/10		Eq2:pSEAL Echo	pSEAL	GO 5	I:xx7/10
	Eq2:pDUMP2 Request	pDUMP2	GI8	O:xx7/11		Eq2:pDUMP2 Echo	pDUMP2	GO 5	I:xx7/11
	Eq2:pWASH Request	pWASH	GI8	O:xx7/12	123	Eq2:pWASH Echo	pWASH	GO 5	I:xx7/12
	Eq2:pSOL2 Request	pSOL2	GI8	O:xx7/13		Eq2:pSOL2 Echo	pSOL2	GO 5	I:xx7/13
	Eq2:pDUMP3 Request	pDUMP3	GI8	O:xx7/14		Eq2:pDUMP3 Echo	pDUMP3	GO 5	I:xx7/14
	Eq2:Reserved		GI8	O:xx7/15	_	Eq2:Reserved		GO 5	I:xx7/15
	Eq2:ACA Request	ACA	GI8	O:xx7/16	127	Eq2:ACA Echo	ACA	GO 5	I:xx7/16
128	Eq2:pACS Request	pACS	GI8	O:xx7/17	128	Eq2:pACS Echo	pACS	GO 5	I:xx7/17

Date: 9-March-04

# **Color Change Option (Accuflow)**

Outputs Inputs

89	F-4TDIO D	pTRIG	GI 5	O:xx5/10	89	Eq1:pTRIG Echo	pTRIG	DO 89	I:xx5/10
90	Eq1:pTRIG Request	pikiG	GI 5	O:xx5/10 O:xx5/11			PIRIG	DO 89	
	Eq1:Reserved				90	Eq1:Reserved			I:xx5/11
91	Eq1:Reserved	04.04	GI 5	O:xx5/12	91	Eq1:Reserved	04.04	DO 91	I:xx5/12
92	Eq1:pC1-24 Request	pC1-24	GI 5	O:xx5/13	92	Eq1:pC1-24 Echo	pC1-24	DO 92	I:xx5/13
93	Eq2:pTRIG Request	pTRIG	GI 6	O:xx5/14	93	Eq2:pTRIG Echo	pTRIG	DO 93	I:xx5/14
94	Eq2:Reserved		GI 6	O:xx5/15	94	Eq2:Reserved		DO 94	I:xx5/15
95	Eq2:Reserved		GI 6	O:xx5/16	95	Eq2:Reserved		DO 95	I:xx5/16
96	Eq2:pC1-24 Request	pC1-24	GI 6	O:xx5/17	96	Eq2:pC1-24 Echo	pC1-24	DO 96	I:xx5/17
07	E 4 DE D	DE	017	0 0/0	07	E 4 DE E 1	DE.	00.4	1 0/0
97	Eq1:pPE Request	pPE	GI 7	O:xx6/0	97	Eq1:pPE Echo	pPE	GO 4	I:xx6/0
98	Eq1:pIW Request	plW	GI 7	O:xx6/1	98	Eq1:pIW Echo	plW	GO 4	I:xx6/1
99	Eq1:pBW Request	pBW	GI 7	O:xx6/2	99	Eq1:pBW Echo	pBW	GO 4	I:xx6/2
100	Eq1:pSOL Request	pSOL	GI 7	O:xx6/3	100	Eq1:pSOL Echo	pSOL	GO 4	I:xx6/3
101	Eq1:pAIR Request	pAIR	GI 7	O:xx6/4	101	Eq1:pAIR Echo	pAIR	GO 4	I:xx6/4
102	Eq1:pCC Request	pCC	GI 7	O:xx6/5	102	Eq1:pCC Echo	pCC	GO 4	I:xx6/5
103	Eq1:pDUMP Request	pDUMP	GI7	O:xx6/6	103	Eq1:pDUMP Echo	pDUMP	GO 4	1:xx6/6
104	Eq1:Regulator Override Request		GI7	O:xx6/7	104	Eq1:Regulator Override Echo		GO 4	I:xx6/7
	Eq1:pSEAL Request	pSEAL	GI 7	O:xx6/10	105	Eq1:pSEAL Echo	pSEAL	GO 4	I:xx6/10
106	Eq1:Reserved		GI 7	O:xx6/11	106	Eq1:Reserved		GO 4	I:xx6/11
107	Eq1:Reserved		GI 7	O:xx6/12	107	Eq1:Reserved		GO 4	I:xx6/12
108	Eq1:Reserved		GI 7	O:xx6/13	108	Eq1:Reserved		GO 4	I:xx6/13
109	Eq1:Reserved		GI 7	O:xx6/14	109	Eq1:Reserved		GO 4	I:xx6/14
110	Eq1:Reserved		GI 7	O:xx6/15	110	Eq1:Reserved		GO 4	I:xx6/15
111	Eq1:pACS Request	pACS	GI7	O:xx6/16	111	Eq1:pACS Echo	pACS	GO 4	I:xx6/16
112	Eq1:pACA Request	pACA	GI 7	O:xx6/17	112	Eq1:pACA Echo	pACA	GO 4	I:xx6/17
7		·							
113	Eq2:pPE Request	pPE	GI8	O:xx7/0	113	Eq2:pPE Echo	pPE	GO 5	I:xx7/0
114	Eq2:pIW Request	plW	GI8	O:xx7/1	114	Eq2:pIW Echo	plW	GO 5	I:xx7/1
115	Eq2:pBW Request	pBW	GI8	O:xx7/2	115	Eq2:pBW Echo	pBW	GO 5	1:xx7/2
116	Eq2:pSOL Request	pSOL	GI8	O:xx7/3	116	Eq2:pSOL Echo	pSOL	GO 5	1:xx7/3
117	Eq2:pAIR Request	pAIR	GI8	O:xx7/4	117	Eq2:pAIR Echo	pAIR	GO 5	1:xx7/4
118	Eq2:pCC Request	pCC	GI8	O:xx7/5	118	Eq2:pCC Echo	pCC	GO 5	1:xx7/5
119	Eg2:pDUMP Request	pDUMP	GI8	O:xx7/6	119	Eg2:pDUMP Echo	pDUMP	GO 5	I:xx7/6
120	Eq2:Regulator Override Request		GI8	O:xx7/7	120	Eq2:Regulator Override Echo		GO 5	I:xx7/7
121	Eg2:pSEAL Request	pSEAL	GI8	O:xx7/10	121	Eg2:pSEAL Echo	pSEAL	GO 5	I:xx7/10
122	Eg2:Reserved		GI 8	O:xx7/11	122	Eg2:Reserved		GO 5	I:xx7/11
123	Eg2:Reserved		GI 8	O:xx7/12	123	Eq2:Reserved		GO 5	I:xx7/12
	Eg2:Reserved		GI 8	O:xx7/13	124	Eg2:Reserved		GO 5	I:xx7/13
125	Eg2:Reserved		GI 8	O:xx7/14	125	Eq2:Reserved		GO 5	1:xx7/14
	Eq2:Reserved		GI 8	O:xx7/15	126	Eq2:Reserved		GO 5	I:xx7/15
127	Eq2:pACS Request	pACS	GI 8	O:xx7/16	127	Eq2:pACS Echo	pACS	GO 5	I:xx7/16
	Eg2:pACA Request	pACA	GI 8	O:xx7/17	128	Eg2:pACA Echo	pACA	GO 5	1:xx7/17

Date: 9-March-04

# **Color Change Option (Waterborne - Servobell)**

Inputs Outputs

89	Eq1:pTRIG Request	pTRIG	GI 5	O:xx5/10	89	Eg1:pTRIG Echo	pTRIG	DO 89	I:xx5/10
90	Eq1:Reserved	piriid	GI 5	O:xx5/10		Eq1:Reserved	piriid	DO 90	1:xx5/10 1:xx5/11
91	Ea1:Reserved		GI 5	O:xx5/12	91	Eq1: Reserved		DO 91	I:xx5/12
92	Eq1:pC1-24 Request	pC1-24	GI 5	O:xx5/12		Eq1:pC1-24 Echo	pC1-24	DO 92	1:xx5/12 1:xx5/13
93	Eq2:pTRIG Request	pTRIG	GI 6	O:xx5/14	-	Eg2:pTRIG Echo	pTRIG	DO 93	1:xx5/14
94	Eg2:Reserved	piriid	GI 6	O:xx5/15		Eg2:Reserved	pirtic	DO 94	1:xx5/14 1:xx5/15
95	Eg2:Reserved		GI 6	O:xx5/16		Eg2: Reserved		DO 94	1:xx5/16
96	Eg2:pC1-24 Request	pC1-24	GI 6	O:xx5/17		Eq2:pC1-24 Echo	pC1-24	DO 96	I:xx5/17
30	Eq2.po 1 24 Hequest	po 1-24	aru	0.225/17	30	L42.901 24 2010	po 1-24	DO 90	1.220/17
97	Eq1:Reserved		GI 7	O:xx6/0	97	Eg1:Reserved		GO 4	I:xx6/0
98	Eq1:plW Request	Wlq	GI 7	O:xx6/1	98	Eq1:pIW Echo	Wlq	GO 4	I:xx6/1
99	Eq1:pBW Request	pBW	GI 7	O:xx6/2	99	Eq1:pBW Echo	pBW	GO 4	1:xx6/2
100	Eq1:pSOL Request	pSOL	GI 7	O:xx6/3	100	Eq1:pSOL Echo	pSOL	GO 4	I:xx6/3
101	Eq1:pAIR Request	pAIR	GI 7	O:xx6/4	101	Eg1:pAIR Echo	pAIR	GO 4	1:xx6/4
102	Eq1:Reserved		GI 7	O:xx6/5	102	Eq1:Reserved		GO 4	I:xx6/5
103	Eq1:pDUMP Request	pDUMP	GI7	O:xx6/6	103	Eq1:pDUMP Echo	pDUMP	GO 4	I:xx6/6
104	Eq1:pCl Request	pCI	GI 7	O:xx6/7	104	Eq1:pCl Echo	pCI	GO 4	I:xx6/7
105	Eq1:pSEAL Request	pSEAL	GI7	O:xx6/10	105	Eq1:pSEAL Echo	pSEAL	GO 4	I:xx6/10
106	Eq1:pDCE Request	pDCE	GI7	O:xx6/11	106	Eq1:pDCE Echo	pDCE	GO 4	I:xx6/11
107	Eq1:pFILL Request	pFILL	GI 7	O:xx6/12	107	Eq1:pFILL Echo	pFILL	GO 4	I:xx6/12
108	Eq1:Reserved	•	GI7	O:xx6/13	108	Eq1:Reserved	,	GO 4	I:xx6/13
109	Eq1:pACWS Request	pACWS	GI7	O:xx6/14		Eq1:pACWS Echo	pACWS	GO 4	I:xx6/14
110	Eq1:pACWA Request	pACWA	GI7	O:xx6/15	110	Eq1:pACWA Echo	pACWA	GO 4	I:xx6/15
111	Eq1:ACA Request	ACA	GI7	O:xx6/16	111	Eq1:ACA Echo	ACA	GO 4	I:xx6/16
112	Eq1:ACSP Request	ACSP	GI7	O:xx6/17	112	Eq1:ACSP Echo	ACSP	GO 4	I:xx6/17
113	Eq2:Reserved		GI8	O:xx7/0	113	Eq2:Reserved		GO 5	I:xx7/0
114	Eq2:pIW Request	plW	GI8	O:xx7/1	114	Eq2:pIW Echo	plW	GO 5	I:xx7/1
115	Eq2:pBW Request	pBW	GI8	O:xx7/2	115	Eq2:pBW Echo	pBW	GO 5	I:xx7/2
116	Eq2:pSOL Request	pSOL	GI8	O:xx7/3	116	Eq2:pSOL Echo	pSOL	GO 5	I:xx7/3
117	Eq2:pAIR Request	pAIR	GI8	O:xx7/4	117	Eq2:pAIR Echo	pAIR	GO 5	I:xx7/4
118	Eq2Reserved		GI8	O:xx7/5	118	Eq2:Reserved		GO 5	I:xx7/5
119	Eq2:pDUMP Request	pDUMP	GI8	O:xx7/6		Eq2:pDUMP Echo	pDUMP	GO 5	I:xx7/6
120	Eq2:pCl Request	pCI	GI8	O:xx7/7	120	Eq2:pCl Echo	pCI	GO 5	I:xx7/7
121	Eq2:pSEAL Request	pSEAL	GI8	O:xx7/10	121	Eq2:pSEAL Echo	pSEAL	GO 5	I:xx7/10
122	Eq2:pDCE Request	pDCE	GI8	O:xx7/11	122	Eq2:pDCE Echo	pDCE	GO 5	I:xx7/11
123	Eq2:pFILL Request	pFILL	GI8	O:xx7/12		Eq2:pFILL Echo	pFILL	GO 5	I:xx7/12
124	Eq2:Reserved		GI8	O:xx7/13	124	Eq2:Reserved		GO 5	I:xx7/13
125	Eq2:pACWS Request	pACWS	GI8	O:xx7/14	125	Eq2:pACWS Echo	pACWS	GO 5	I:xx7/14
126	Eq2:pACWA Request	pACWA	GI8	O:xx7/15		Eq2:pACWA Echo	pACWA	GO 5	I:xx7/15
127	Eq2:ACA Request	ACA	GI8	O:xx7/16	127	Eq2:ACA Echo	ACA	GO 5	I:xx7/16
128	Eq2:ACSP Request	ACSP	GI8	O:xx7/17	128	Eq2:ACSP Echo	ACSP	GO 5	I:xx7/17

Project Name: V6.31-1

# DeviceNet/Model A PROCESS I/O - Equipment #1/2

# P-500 VersaBell II (IPC 1K - Single Metering)

Date: 9-March-04

Rack	Slot	Pnt	Description	Rob#	Rack	Slot	Pnt	Description	Rob#
Tack	Jiot	1 110	Digital Outputs	100 #	TIACK	Siot		Digital Inputs	1105#
82	2	1	Eq1:pTRIG – Trigger	DO 257	1	1	1	Eq1:E-Stat HV ON	DIN 257
82	2	2	Eq1:BRAKE - Turbine Brake	DO 258	1	1	2	Eq1:E-Stat Setpoint Reached	DIN 258
82	2	3	Eq1:pPE - Paint Enable	DO 259-GO 13	1	1	3	Eq1:E-Stat Warning	DIN 259
82	2	4	Eq1:pIW - Injector Wash	DO 260-GO 13	1	1	4	Eq1:E-Stat Fault	DIN 260
82	2	5	Eq1:pBW - Bell Wash	DO 261-GO 13	1	1	5	Eq1:E-Stat Check OK	DIN 261
82	2	6	Eq1:pSOL - Purge Solvent	DO 262-GO 13	1	1	6	Eq1:E-Stat Remote	DIN 262
82	2	7	Eq1:pAIR - Purge Air	DO 263-GO 13					
82	2	8	Eq1:pCC - Purge Color Changer	DO 264-GO 13	1	1	9	Eq2:E-Stat HV ON	DIN 385
82	2	9	Eq1:pDUMP – Dump	DO 265-GO 13	1	1	10	Eq2:E-Stat Setpoint Reached	DIN 386
82	2	10	Eq1:pFLUSH - Pump Flush	DO 266-GO 13	1	1	11	Eq2:E-Stat Warning	DIN 387
82	2	11	Eq1:pSEAL - Seal Air	DO 267-GO 13	1	1	12	Eq2:E-Stat Fault	DIN 388
82	2	12	Eq1:pDUMP2 - Dump #2	DO 268-GO 13	1	1	13	Eq2:E-Stat Check OK	DIN 389
					1	1	14	Eq2:E-Stat Remote	DIN 390
1	2	6	Eq1:ACA	DO 273					
1	2	7	Eq1:pACS	DO 274					
			7 1 2 2 2	-					
82	1	1	Eq1:pC1	DO 275-GO 14					
82	1	2	Eq1:pC2	DO 276-GO 14				Analog Outputs	
82	1	3	Eq1:pC3	DO 277-GO 14	82	1	1	Eq1:RIP (Regulator Inlet Pilot)	AOUT 1
82	1	4	Eq1:pC4	DO 278-GO 14	82	3	1	Eq2:RIP (Regulator Inlet Pilot)	AOUT 2
82	1	5	Eq1:pC5	DO 279-GO 14	82	1	2	Eq1:BSC (Bell Speed Transducer)	AOUT 3
82	1	6	Eq1:pC6	DO 280-GO 14	82	3	2	Eq2:BSC (Bell Speed Transducer)	AOUT 4
82	1	7	Eq1:pC7	DO 281-GO 14					
82	1	8	Eq1:pC8	DO 282-GO 14					
82	1	9	Eq1:pC9	DO 283-GO 14					
82	1	10	Eq1:pC10	DO 284-GO 14				Analog Inputs	
82	1	11	Eq1:pC11	DO 285-GO 14	1	3	1	Eq1:E-Stat Ua	AIN 1
82	1	12	Eq1:pC12	DO 286-GO 14	1	3	2	Eq1:E-Stat KV	AIN 2
82	1		Eq1:pC13	DO 287-GO 14	1	3	3	Eq2:E-Stat Ua	AIN 3
82	1	14	Eq1:pC14	DO 288-GO 14	1	3	4	Eq2:E-Stat KV	AIN 4
82	1		Eq1:pC15	DO 289-GO 14	82	1	1	Eq1:Bear Air OK	AIN 5
82	1	16	Eq1:pC16	DO 290-GO 14	82	1	3	Eq1:Bell Speed Feedback	AIN 6
82	1	17	Eq1:pC17	DO 291-GO 15	82	3	1	Eq2:Bear Air OK	AIN 7
82	1	18	Eq1:pC18	DO 292-GO 15	82	3	3	Eq2:Bell Speed Feedback	AIN 8
82	1	19	Eq1:pC19	DO 293-GO 15	82	1	2	Eq1:DQ Manifold Pressure	AIN 9
82	1	20	Eq1:pC20	DO 294-GO 15	82	3	2	Eq2:DQ Manifold Pressure	AIN 10
82	1	21	Eq1:pC21	DO 295 -GO 15	82	1	4	Eq1:P1OP (Pump Outlet Pressure)	AIN 11
82	1	22	Eq1:pC22	DO 296 -GO 15	82	3	4	Eq2:P1OP (Pump Outlet Pressure)	AIN 12
82 82	1	23 24	Eq1:pC23	DO 297 -GO 15 DO 298 -GO 15					
02	'	24	Eq1:pC24	DO 296 -GO 15					
1	2	1	Eq1:E-Stat HV ON	DO 307					
1	2	2	Eq1:E-Stat TV ON	DO 308 -GO 22					
1	2	3	Eq1:E-Stat Step B1	DO 300 -GO 22					
1	2	4	Eq1:E-Stat Step B2	DO 310-GO 22					
		7	Eq1.E otal otop B2	DO 010 GO 22					
1	2	8	Eq1:ACVA (Applicator Cleaner Vacuum Air)	DO 314					
82	2	17	Eq1:DQ Command B0	DO 315 -GO 24					
82	2		Eq1:DQ Command B1	DO 316 -GO 24					
82	2		Eq1:DQ Command B2	DO 317 -GO 24					
82	2	20	Eq1:DQ Command B3	DO 318 -GO 24					
82	2		Eq1:DQ Command B4	DO 319 -GO 24					
82	2	22	Eq1:DQ Command B5	DO 320 -GO 24					
82	2	23	Eq1:DQ Command B6	DO 321 -GO 24					
82	2	24	Eq1:DQ Command B7	DO 322 -GO 24					
82	4	1	Eq2:pTRIG – Trigger	DO 385					
82	4	2	Eq2:BRAKE - Turbine Brake	DO 386					
82	4	3	Eq2:pPE – Paint Enable	DO 387-GO 17					
82	4	4	Eq2:pIW - Injector Wash	DO 388-GO 17					
82	4	5	Eq2:pBW - Bell Wash	DO 389-GO 17					
82	4		Eq2:pSOL - Purge Solvent	DO 390-GO 17					
82	4	7	Eq2:pAIR - Purge Air	DO 391-GO 17					
82	4	8	Eq2:pCC - Purge Color Changer	DO 392-GO 17					
82	4	9	Eq2:pDUMP – Dump	DO 393-GO 17					
82 82	4		Eq2:pFLUSH - Pump Flush	DO 394-GO 17 DO 395-GO 17					
82	4		Eq2:pSEAL - Seal Air Eq2:pDUMP2 - Dump #2	DO 395-GO 17					
02	4	12	Eqz.pDOIVIF 2 - DUITIP #2	DO 380-GO 17					
1									

Date: 9-March-04

			r roject rame. Veler r	1 10,0001	1101.1.1	 
1	2	14	Eq2:ACA	DO 401		
1	2		Eq2:pACS	DO 402		
-	_	. •				
82	3	1	Eq2:pC1	DO 403-GO 18		
82	3		Eq2:pC2	DO 404-GO 18		
82	3		Eq2:pC3	DO 405-GO 18		
82	3		Eq2:pC4	DO 406-GO 18		
82	3		Eq2:pC5	DO 407-GO 18		
82	3		Eq2:pC6	DO 408-GO 18		
82	3		Eq2:pC7	DO 409-GO 18		
82	3		Eq2:pC8	DO 410-GO 18		
82	3		Eq2:pC9	DO 411-GO 18		
82	3		Eq2:pC10	DO 412-GO 18		
82	3		Eq2:pC11	DO 413-GO 18		
82	3		Eq2:pC12	DO 414-GO 18		
82	3		Eq2:pC13	DO 415-GO 18		
82	3		Eq2:pC14	DO 416-GO 18		
82	3		Eq2:pC15	DO 417-GO 18		
82	3		Eq2:pC16	DO 418-GO 18		
82	3		Eq2:pC17	DO 419-GO 19		
82	3		Eq2:pC18	DO 420-GO 19		
82	3		Eq2:pC19	DO 421-GO 19		
82	3	20	Eq2:pC20	DO 422-GO 19		
82	3	21	Eq2:pC21	DO 423 -GO 19		
82	3		Eq2:pC22	DO 424 -GO 19		
82	3	23	Eq2:pC23	DO 425 -GO 19		
82	3	24	Eq2:pC24	DO 426 -GO 19		
1	2	9	Eq2:E-Stat HV ON	DO 435		
1	2		Eq2:E-Stat Step B0	DO 436 -GO 23		
1	2	11	Eq2:E-Stat Step B1	DO 437 -GO 23		
1	2	12	Eq2:E-Stat Step B2	DO 438-GO 23		
1	2	16	Eq2:ACVA (Applicator Cleaner Vacuum Air)	DO 442		
82	4	17	Eq2:DQ Command B0	DO 443 -GO 25		
82	4	18	Eq2:DQ Command B1	DO 444 -GO 25		
82	4		Eq2:DQ Command B2	DO 445 -GO 25		
82	4		Eq2:DQ Command B3	DO 446 -GO 25		
82	4		Eq2:DQ Command B4	DO 447 -GO 25		
82	4		Eq2:DQ Command B5	DO 448 -GO 25		
82	4		Eq2:DQ Command B6	DO 449 -GO 25		
82	4	24	Eq2:DQ Command B7	DO 450 -GO 25		

Date: 9-March-04

Project Name: V6.31-1

# DeviceNet/Model A PROCESS I/O - Equipment #1 P-500 VersaBell II (IPC 1K - Single Metering )

Rack	Slot	Pnt	Description	Rob#	Rack	Slot	Pnt	Description	Rob#
			Digital Outputs					Digital Inputs	
82	2	1	Eq1:pTRIG - Trigger	DO 257	1	1	1	Eq1:E-Stat HV ON	DIN 257
82	2	2	Eq1:BRAKE - Turbine Brake	DO 258	1	1	2	Eq1:E-Stat Setpoint Reached	DIN 258
82	2	3	Eq1:pPE - Paint Enable	DO 259-GO 13	1	1	3	Eq1:E-Stat Warning	DIN 259
82	2	4	Eq1:plW - Injector Wash	DO 260-GO 13	1	1	4	Eq1:E-Stat Fault	DIN 260
82	2	5	Eq1:pBW - Bell Wash	DO 261-GO 13	1	1	5	Eg1:E-Stat Check OK	DIN 261
				DO 262-GO 13	1			Eg1:E-Stat Remote	
82	2	6	Eq1:pSOL - Purge Solvent			1	6	Eq1:E-Stat Remote	DIN 262
82	2	7	Eq1:pAIR - Purge Air	DO 263-GO 13				A I O . I I .	
82	2	8	Eq1:pCC - Purge Color Changer	DO 264-GO 13				Analog Outputs	
82	2	9	Eq1:pDUMP - Dump	DO 265-GO 13	82	1	1	Eq1:RIP (Regulator Inlet Pilot)	AOUT 1
82	2	10	Eq1:pFLUSH - Pump Flush	DO 266-GO 13	82	1	2	Eq1:BSC (Bell Speed Transducer)	AOUT 3
82	2	11	Eq1:pSEAL - Seal Air	DO 267-GO 13					
82	2	12	Eq1:pDUMP2 - Dump #2	DO 268-GO 13					
1	2	6	Eq1:ACA	DO 273					
1	2	7	Eq1:pACS	DO 274				Analog Inputs	
	_			2027.	1	3	1	Eq1:E-Stat Ua	AIN 1
82	1	1	Eq1:pC1	DO 275-GO 14	1	3	2	Eq1:E-Stat KV	AIN 2
82	1	2	Eq1:pC2	DO 276-GO 14	82	1	1	Eq1:Bear Air OK	AIN 5
82	1	3	Eq1:pC3	DO 277-GO 14	82	1	3	Eq1:Bell Speed Feedback	AIN 6
82	1	4	Eq1:pC4	DO 278-GO 14	82	1	2	Eq1:DQ Manifold Pressure	AIN 9
82	1	5	Eq1:pC5	DO 279-GO 14	82	1	4	Eq1:P1OP (Pump Outlet Pressure)	AIN 11
82	1	6	Eq1:pC6	DO 280-GO 14					
82	1	7	Eq1:pC7	DO 281-GO 14					
82	1	8	Eq1:pC8	DO 282-GO 14					
82	1	9	Eq1:pC9	DO 283-GO 14					
82	1	10	Eq1:pC10	DO 284-GO 14					
82	1	11	Eq1:pC11	DO 285-GO 14					
82	1	12	Eq1:pC12	DO 286-GO 14					
82	1	13	Eq1:pC13	DO 287-GO 14					
82	1	14	Eq1:pC14	DO 288-GO 14					
82	1	15	Eq1:pC15	DO 289-GO 14					
82				DO 290-GO 14					
	1	16	Eq1:pC16						
82	1	17	Eq1:pC17	DO 291-GO 15					
82	1	18	Eq1:pC18	DO 292-GO 15					
82	1	19	Eq1:pC19	DO 293-GO 15					
82	1	20	Eq1:pC20	DO 294-GO 15					
82	1	21	Eq1:pC21	DO 295 -GO 15					
82	1	22	Eq1:pC22	DO 296 -GO 15					
82	1	23	Eq1:pC23	DO 297 -GO 15					
82	1	24	Eq1:pC24	DO 298 -GO 15					
1	2	1	Eq1:E-Stat HV ON	DO 307					
1	2	2	Eq1:E-Stat Step B0	DO 308 -GO 22					
1	2	3	Eq1:E-Stat Step B1	DO 309 -GO 22					
1	2	4	Eq1:E-Stat Step B2	DO 310-GO 22					
	_		14.12 otal otop 22	200.0022					
1	2	8	Eq1:ACVA (Applicator Cleaner Vacuum Air)	DO 314					
'	-		Legishovi (ripplicator Oleaner Vacuulii All)	DO 014					
82	0	17	Eq1:DO Command BO	DO 315 -GO 24					
	2	17	Eq1:DQ Command B0						
82	2	18	Eq1:DQ Command B1	DO 316 -GO 24					
82	2	19	Eq1:DQ Command B2	DO 317 -GO 24					
82	2	20	Eq1:DQ Command B3	DO 318 -GO 24					
82	2	21	Eq1:DQ Command B4	DO 319 -GO 24					
82	2	22	Eq1:DQ Command B5	DO 320 -GO 24					
82	2	23	Eq1:DQ Command B6	DO 321 -GO 24					
82	2		Eq1:DQ Command B7	DO 322 -GO 24					
					-				

Date: 9-March-04

Project Name: V6.31-1

# DeviceNet/Model A PROCESS I/O - Equipment #2 P-500 VersaBell II (IPC 1K - Single Metering )

Rack	Slot	Pnt	Description	Rob#	Rack	Slot	Pnt	Description	Rob#
			Digital Outputs					Digital Inputs	
82	4	1	Eq2:pTRIG - Trigger	DO 385	1	1	9	Eq2:E-Stat HV ON	DIN 385
82	4		Eq2:BRAKE - Turbine Brake	DO 386	1	1		Eq2:E-Stat Setpoint Reached	DIN 386
82	4	3	Eq2:pPE - Paint Enable	DO 387-GO 17	1	1	11	Eq2:E-Stat Warning	DIN 387
82	4	4	Eg2:pIW - Injector Wash	DO 388-GO 17	1	1	12	Eq2:E-Stat Fault	DIN 388
82	4	5	Eq2:pBW - Bell Wash	DO 389-GO 17	1	1	13	Eg2:E-Stat Check OK	DIN 389
82	4	6	Eq2:pSOL - Purge Solvent	DO 390-GO 17	1	1	14	Eg2:E-Stat Remote	DIN 390
82	4	7	Eq2:pAIR - Purge Air	DO 390-GO 17			14	Eq2.E-Stat hemote	DIN 390
								Amalag Outmuta	
82	4		Eq2:pCC - Purge Color Changer	DO 392-GO 17	00	•	_	Analog Outputs	ACUTO
82	4	9	Eq2:pDUMP – Dump	DO 393-GO 17	82	3	1	Eq2:RIP (Regulator Inlet Pilot)	AOUT 2
82	4		Eq2:pFLUSH - Pump Flush	DO 394-GO 17	82	3	2	Eq2:BSC (Bell Speed Transducer)	AOUT 4
82	4	11	Eq2:pSEAL - Seal Air	DO 395-GO 17					
82	4	12	Eq2:pDUMP2 - Dump #2	DO 396-GO 17					
1	2	14	Eg2:ACA	DO 401					
1	2	15	Eq2:pACS	DO 401				Analog Inputs	
		13	Eqz.pAG5	DO 402	1	0	2		AIN 3
00	_		F 0 04	DO 100 00 10		3	3	Eq2:E-Stat Ua	
82	3	1	Eq2:pC1	DO 403-GO 18	1	3	4	Eq2:E-Stat KV	AIN 4
82	3	2	Eq2:pC2	DO 404-GO 18	82	3	1	Eq2:Bear Air OK	AIN 7
82	3	3	Eq2:pC3	DO 405-GO 18	82	3	3	Eq2:Bell Speed Feedback	AIN 8
82	3		Eq2:pC4	DO 406-GO 18	82	3	2	Eq2:DQ Manifold Pressure	AIN 10
82	3		Eq2:pC5	DO 407-GO 18	82	3	4	Eq2:P1OP (Pump Outlet Pressure)	AIN 12
82	3		Eq2:pC6	DO 408-GO 18					
82	3	7	Eq2:pC7	DO 409-GO 18					
82	3	8	Eq2:pC8	DO 410-GO 18					
82	3	9	Eq2:pC9	DO 411-GO 18					
82	3	10	Eq2:pC10	DO 412-GO 18					
82	3	11	Eq2:pC11	DO 413-GO 18					
82	3		Eq2:pC12	DO 414-GO 18					
82	3		Eq2:pC13	DO 415-GO 18					
82	3		Eq2:pC14	DO 416-GO 18					
82	3		Eq2:pC15	DO 417-GO 18					
82	3		Eq2:pC16	DO 418-GO 18					
82	3		Eq2:pC17	DO 419-GO 19					
82	3		Eq2:pC18	DO 420-GO 19					
82	3		Eq2:pC19	DO 421-GO 19					
82	3	20	Eq2:pC20	DO 421-GO 19 DO 422-GO 19					
82	3	21	Eq2:pC21	DO 423 -GO 19					
82	3		Eq2:pG22	DO 423 -GO 19					
82	3	23	Eq2:pC23	DO 425 -GO 19					
82	3	24	Eq2:pC24	DO 426 -GO 19					
1	2	9	Eq2:E-Stat HV ON	DO 435					
1	2	_	Eq2:E-Stat Step B0	DO 436 -GO 23					
1	2		Eg2:E-Stat Step B1	DO 437 -GO 23					
1	2		Eg2:E-Stat Step B2	DO 438-GO 23					
			•						
1	2	16	Eq2:ACVA (Applicator Cleaner Vacuum Air)	DO 442					
82	4	17	Eq2:DQ Command B0	DO 443 -GO 25					
82	4		Eq2:DQ Command B1	DO 444 -GO 25					
82	4		Eq2:DQ Command B2	DO 444 -GO 25					
82	4		Eq2:DQ Command B3	DO 446 -GO 25					
	4		Eq2:DQ Command B3						
82				DO 447 -GO 25					
82	4	22	Eq2:DQ Command B5	DO 448 -GO 25					
82	4		Eq2:DQ Command B6	DO 449 -GO 25					
82	4	24	Eq2:DQ Command B7	DO 450 -GO 25					

Project Name: V6.31-1 Date: 9-March-04

# DeviceNet/Model A PROCESS I/O - Equipment #1/2

# P-500 VersaBell II (IPC 2K – Fixed/Variable Metering )

Section	Rack	Slot	Pnt	Description	Rob#	Rack	Slot	Pnt	Description	Rob#
Section   Comment   Comm	Taon	Olot	1 110		TIOD W	ridore	Olot	1 110		TIOD #
Section   Committee   Commit	82	2	1		DO 257	1	1	1		DIN 257
EST   2   6   Enj.pW - Bel Wash   DO 289-00 13   1   1   5	82	2	2	Eq1:BRAKE – Turbine Brake	DO 258	1	1	2	Eq1:E-Stat Setpoint Reached	DIN 258
Section   Sect	82		3	Eq1:pPE - Paint Enable	DO 259-GO 13	1	1	3		DIN 259
Section   Communication   Co						1	1			
Section   Sect	82	2	5			1	1	5	Eq1:E-Stat Check OK	DIN 261
Section   Sect					DO 262-GO 13	1	1	6	Eq1:E-Stat Remote	DIN 262
Section   Sect										
Section				Eq1:pCC - Purge Color Changer				-		
22   11   Eq.								_		
Section   Sect										
22   2   13   Eq.   17   Catalysis Enable   Do 279-00   13   1   14   Eq.									•	
Section										
Section   Sect						1	1	14	Eq2:E-Stat Remote	DIN 390
Section   Sect										
1   2   6   EqitACS										
1	_									
Section   Sect										
Section   Sect	1	2	/	Eq1:pACS	DO 274					
Section   Sect										
Section   Sect									Analog Outpute	
Second   S						90	-1	-1		AOUT 1
22   1   1   Eq1-pH1										
22   1   2   Eq1.pH2	00		-	End on tid	DO 004 00 44					
22   1   3   Eq1-pC1										
22   1   4   Eq1pC2   DO 276-GO 14   DO 280-GO 17   DO 380-GO 24   DO 380-GO 24   DO 380-GO 17   DO 380-GO 17										
B2						_				
22   1   6   EqtipC4						82	3	3	Eq2:HIP (Catalyst Regulator Inlet Pilot)	AOUI 6
22   1   7   EqtipOS										
82										
1   3   3   6   62  E-Stat U										
1   3   4   Eq2-Estat KV	82	1	8	Eq1:pC6	DO 280-GO 14					
Second   S										
Record   R										
Section   Sect						82	1	1	Eq1:Bear Air OK	AIN 5
Section   Sect						82	1	3	Eg1:Bell Speed Feedback	AIN 6
Section   Sect										
Back										
Recommend										
Registration   Regi										
Red										
1										
1						_				
1						_				
1 2 2 3 Eq1:E-Stat Step B0 DO 308 -GO 22 DO 310-GO 22 Eq1:E-Stat Step B1 DO 309 -GO 22 DO 310-GO 24 DO 310-G						02	3	3	Luz. 201 (Odiaryst 1 ump Outlet 1 ressure)	All 14
1 2 2 3 Eq1:E-Stat Step B0 DO 308 -GO 22 DO 310-GO 22 Eq1:E-Stat Step B1 DO 309 -GO 22 DO 310-GO 24 DO 310-G	1	2	1	Eq1:E-Stat HV ON	DO 307					
1										
1										
1 2 8 Eq1:ACVA (Applicator Cleaner Vacuum Air) DO 314  82 2 17 Eq1:DQ Command B0 DO 315-GO 24 82 2 18 Eq1:DQ Command B1 DO 316-GO 24 82 2 19 Eq1:DQ Command B2 DO 317-GO 24 82 2 20 Eq1:DQ Command B3 DO 318-GO 24 82 2 21 Eq1:DQ Command B3 DO 318-GO 24 82 2 22 Eq1:DQ Command B5 DO 320-GO 24 82 2 22 Eq1:DQ Command B5 DO 320-GO 24 82 2 23 Eq1:DQ Command B6 DO 321-GO 24 82 2 23 Eq1:DQ Command B7 DO 322-GO 24 82 2 24 Eq1:DQ Command B7 DO 322-GO 24 82 2 24 Eq1:DQ Command B7 DO 382-GO 24 82 2 24 Eq2:DRIG - Trigger DO 385 82 4 1 Eq2:pTRIG - Trigger DO 386 82 4 2 Eq2:BRAKE - Turbine Brake DO 386-GO 17 82 4 4 Eq2:pIW - Injector Wash DO 388-GO 17 82 4 5 Eq2:pSW - Bell Wash DO 388-GO 17 82 4 6 Eq2:pSW - Bell Wash DO 389-GO 17 82 4 7 Eq2:pAIR - Purge Air DO 391-GO 17 82 4 9 Eq2:pDUMP - Dump DO 393-GO 17 82 4 9 Eq2:pDUMP - Dump DO 393-GO 17 82 4 10 Eq2:pELUSH - Pump Flush DO 394-GO 17 82 4 11 Eq2:pSEAL - Seal Air DO 396-GO 17 82 4 11 Eq2:pSEAL - Seal Air DO 397-GO 17 82 4 11 Eq2:pSEAL - Seal Air DO 398-GO 17 82 4 11 Eq2:pCAT - Catalyst Enable DO 397-GO 17 82 4 11 Eq2:pSEAL - Seal Air DO 397-GO 17 82 4 11 Eq2:pCAT - Catalyst Enable DO 397-GO 17 82 4 11 Eq2:pCAT - Catalyst Enable DO 397-GO 17 82 4 11 Eq2:pCAT - Catalyst Enable DO 397-GO 17 82 4 11 Eq2:pCAT - Catalyst Enable DO 397-GO 17										
82       2       17       Eq1:DQ Command B0       DO 315-GO 24         82       2       18       Eq1:DQ Command B1       DO 316-GO 24         82       2       19       Eq1:DQ Command B2       DO 317-GO 24         82       2       20       Eq1:DQ Command B3       DO 318-GO 24         82       2       21       Eq1:DQ Command B4       DO 319-GO 24         82       2       22       Eq1:DQ Command B5       DO 320-GO 24         82       2       23       Eq1:DQ Command B6       DO 321-GO 24         82       2       24       Eq1:DQ Command B7       DO 322-GO 24         82       2       24       Eq1:DQ Command B7       DO 322-GO 24         82       4       1       Eq2:pTRIG - Trigger       DO 385         82       4       2       Eq2:BRAKE - Turbine Brake       DO 385         82       4       2       Eq2:pBR - Paint Enable       DO 387-GO 17         82       4       5       Eq2:pBW - Bell Wash       DO 388-GO 17         82       4       5       Eq2:pSQL - Purge Solvent       DO 391-GO 17         82       4       7       Eq2:pSLMR - Purge Air       DO 392-GO 17         82			4	Lq1.L-Stat Step B2	DO 310-GO 22					
82       2       17       Eq1:DQ Command B0       DO 315-GO 24         82       2       18       Eq1:DQ Command B1       DO 316-GO 24         82       2       19       Eq1:DQ Command B2       DO 317-GO 24         82       2       20       Eq1:DQ Command B3       DO 318-GO 24         82       2       21       Eq1:DQ Command B5       DO 320-GO 24         82       2       22       Eq1:DQ Command B6       DO 321-GO 24         82       2       24       Eq1:DQ Command B6       DO 322-GO 24         82       2       24       Eq1:DQ Command B7       DO 382-GO 24         82       2       24       Eq1:DQ Command B6       DO 322-GO 24         82       2       24       Eq1:DQ Command B7       DO 382-GO 24         82       4       1       Eq2:pRIG - Trigger       DO 385         82       4       2       Eq2:PRIG - Trigger       DO 386         82       4       2       Eq2:PRIG - Trigger       DO 386         82       4       2       Eq2:PRIG - Trigger       DO 386-GO 17         82       4       5       Eq2:pRIW - Injector Wash       DO 389-GO 17         82       4       <										
82       2       17       Eq1:DQ Command B0       DO 315-GO 24         82       2       18       Eq1:DQ Command B1       DO 316-GO 24         82       2       19       Eq1:DQ Command B2       DO 317-GO 24         82       2       20       Eq1:DQ Command B3       DO 318-GO 24         82       2       21       Eq1:DQ Command B5       DO 320-GO 24         82       2       22       Eq1:DQ Command B6       DO 321-GO 24         82       2       24       Eq1:DQ Command B6       DO 322-GO 24         82       2       24       Eq1:DQ Command B7       DO 382-GO 24         82       2       24       Eq1:DQ Command B6       DO 322-GO 24         82       2       24       Eq1:DQ Command B7       DO 382-GO 24         82       4       1       Eq2:pRIG - Trigger       DO 385         82       4       2       Eq2:PRIG - Trigger       DO 386         82       4       2       Eq2:PRIG - Trigger       DO 386         82       4       2       Eq2:PRIG - Trigger       DO 386-GO 17         82       4       5       Eq2:pRIW - Injector Wash       DO 389-GO 17         82       4       <										
82       2       17       Eq1:DQ Command B0       DO 315-GO 24         82       2       18       Eq1:DQ Command B1       DO 316-GO 24         82       2       19       Eq1:DQ Command B2       DO 317-GO 24         82       2       20       Eq1:DQ Command B3       DO 318-GO 24         82       2       21       Eq1:DQ Command B4       DO 319-GO 24         82       2       22       Eq1:DQ Command B5       DO 320-GO 24         82       2       23       Eq1:DQ Command B6       DO 321-GO 24         82       2       24       Eq1:DQ Command B7       DO 322-GO 24         82       2       24       Eq1:DQ Command B7       DO 322-GO 24         82       4       1       Eq2:pTRIG - Trigger       DO 385         82       4       2       Eq2:BRAKE - Turbine Brake       DO 385         82       4       2       Eq2:pBR - Paint Enable       DO 387-GO 17         82       4       5       Eq2:pBW - Bell Wash       DO 388-GO 17         82       4       5       Eq2:pSQL - Purge Solvent       DO 391-GO 17         82       4       7       Eq2:pSLMR - Purge Air       DO 392-GO 17         82	1	2	8	Eq1:ACVA (Applicator Cleaner Vacuum Air)	DO 314					
82       2       18       Eq1:DQ Command B1       DO 316-GO 24         82       2       19       Eq1:DQ Command B2       DO 317-GO 24         82       2       20       Eq1:DQ Command B3       DO 318-GO 24         82       2       21       Eq1:DQ Command B5       DO 320-GO 24         82       2       23       Eq1:DQ Command B6       DO 321-GO 24         82       2       24       Eq1:DQ Command B7       DO 322-GO 24         82       2       24       Eq1:DQ Command B6       DO 322-GO 24         82       2       24       Eq1:DQ Command B7       DO 322-GO 24         82       4       1       Eq2:pTRIG - Trigger       DO 385         82       4       2       Eq2:pBRAKE - Turbine Brake       DO 386         82       4       3       Eq2:pPE - Paint Enable       DO 387-GO 17         82       4       3       Eq2:pBW - Bell Wash       DO 388-GO 17         82       4       5       Eq2:pBW - Bell Wash       DO 389-GO 17         82       4       6       Eq2:pSCO - Purge Solvent       DO 390-GO 17         82       4       7       Eq2:pAlR - Purge Air       DO 390-GO 17         82		_	U	Eq1.70 V/ (Applicator Oleaner Vacuum / III)	DO 014					
82       2       18       Eq1:DQ Command B1       DO 316-GO 24         82       2       19       Eq1:DQ Command B2       DO 317-GO 24         82       2       20       Eq1:DQ Command B3       DO 318-GO 24         82       2       21       Eq1:DQ Command B5       DO 320-GO 24         82       2       23       Eq1:DQ Command B6       DO 321-GO 24         82       2       24       Eq1:DQ Command B7       DO 322-GO 24         82       2       24       Eq1:DQ Command B6       DO 322-GO 24         82       2       24       Eq1:DQ Command B7       DO 322-GO 24         82       4       1       Eq2:pTRIG - Trigger       DO 385         82       4       2       Eq2:pBRAKE - Turbine Brake       DO 386         82       4       3       Eq2:pPE - Paint Enable       DO 387-GO 17         82       4       3       Eq2:pBW - Bell Wash       DO 388-GO 17         82       4       5       Eq2:pBW - Bell Wash       DO 389-GO 17         82       4       6       Eq2:pSCO - Purge Solvent       DO 390-GO 17         82       4       7       Eq2:pAlR - Purge Air       DO 390-GO 17         82	82	2	17	Eq1:DQ Command B0	DO 315-GO 24					
82       2       19       Eq1:DQ Command B2       DO 317–GO 24         82       2       10       Eq1:DQ Command B3       DO 318–GO 24         82       2       21       Eq1:DQ Command B4       DO 319–GO 24         82       2       22       Eq1:DQ Command B5       DO 320–GO 24         82       2       23       Eq1:DQ Command B6       DO 321–GO 24         82       2       24       Eq1:DQ Command B7       DO 322–GO 24         82       4       1       Eq2:pTRIG – Trigger       DO 385         82       4       1       Eq2:pRAKE - Turbine Brake       DO 386         82       4       2       Eq2:pBE - Paint Enable       DO 386         82       4       3       Eq2:pPE - Paint Enable       DO 386-GO 17         82       4       4       Eq2:pW - Injector Wash       DO 388-GO 17         82       4       5       Eq2:pSW - Bell Wash       DO 389-GO 17         82       4       5       Eq2:pSW - Purge Solvent       DO 390-GO 17         82       4       7       Eq2:pAIR - Purge Air       DO 392-GO 17         82       4       8       Eq2:pDUMP - Dump       DO 393-GO 17         82										
82       2       20       Eq1:DQ Command B3       DO 318–GO 24         82       2       21       Eq1:DQ Command B5       DO 319–GO 24         82       2       22       Eq1:DQ Command B6       DO 321–GO 24         82       2       23       Eq1:DQ Command B7       DO 322–GO 24         82       4       1       Eq2:pTRIG – Trigger       DO 385         82       4       2       Eq2:BRAKE - Turbine Brake       DO 386         82       4       2       Eq2:pPE - Paint Enable       DO 387-GO 17         82       4       4       Eq2:pBW - Injector Wash       DO 389-GO 17         82       4       4       Eq2:pBW - Bell Wash       DO 389-GO 17         82       4       5       Eq2:pSOL - Purge Solvent       DO 391-GO 17         82       4       7       Eq2:pAIR - Purge Air       DO 391-GO 17         82       4       8       Eq2:pCUMP – Dump       DO 392-GO 17         82       4       9       Eq2:pDUMP – Dump       DO 393-GO 17         82       4       10       Eq2:pFLUSH - Pump Flush       DO 394-GO 17         82       4       11       Eq2:pDUMP2 – Dump #2       DO 396-GO 17         8										
82       2       21       Eq1:DQ Command B4       DO 319–GO 24         82       2       22       Eq1:DQ Command B6       DO 320–GO 24         82       2       24       Eq1:DQ Command B7       DO 322–GO 24         82       4       1       Eq2:pTRIG – Trigger       DO 385         82       4       2       Eq2:BRAKE - Turbine Brake       DO 386         82       4       2       Eq2:pBE - Paint Enable       DO 387-GO 17         82       4       4       Eq2:pP - Paint Enable       DO 387-GO 17         82       4       4       Eq2:pBW - Injector Wash       DO 388-GO 17         82       4       4       Eq2:pBW - Bell Wash       DO 389-GO 17         82       4       5       Eq2:pBW - Bell Wash       DO 390-GO 17         82       4       6       Eq2:pSOL - Purge Solvent       DO 391-GO 17         82       4       7       Eq2:pAIR - Purge Air       DO 391-GO 17         82       4       8       Eq2:pC-C - Purge Color Changer       DO 392-GO 17         82       4       10       Eq2:pDUMP - Dump       DO 394-GO 17         82       4       11       Eq2:pDUMP - Dump #2       DO 396-GO 17			20	Eq1.DQ Command B3						
82       2       22       Eq1:DQ Command B5       DO 320-GO 24         82       2       23       Eq1:DQ Command B6       DO 321-GO 24         82       2       24       Eq1:DQ Command B7       DO 322-GO 24         82       4       1       Eq2:pTRIG - Trigger       DO 385         82       4       2       Eq2:BRAKE - Turbine Brake       DO 386         82       4       3       Eq2:pBP - Paint Enable       DO 387-GO 17         82       4       4       Eq2:pBW - Injector Wash       DO 388-GO 17         82       4       5       Eq2:pBW - Bell Wash       DO 389-GO 17         82       4       6       Eq2:pSOL - Purge Solvent       DO 390-GO 17         82       4       7       Eq2:pAIR - Purge Air       DO 391-GO 17         82       4       7       Eq2:pDUMP - Dump       DO 393-GO 17         82       4       9       Eq2:pDUMP - Dump       DO 393-GO 17         82       4       10       Eq2:pFLUSH - Punp Flush       DO 395-GO 17         82       4       11       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         82       4       12       Eq2:pDUMP2 - Dump #2       DO 397-GO 17 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										
82       2       23       Eq1:DQ Command B6       DO 321–GO 24         82       2       24       Eq1:DQ Command B7       DO 322–GO 24         82       4       1       Eq2:pTRIG – Trigger       DO 385         82       4       2       Eq2:pRAKE - Turbine Brake       DO 386         82       4       3       Eq2:pPE - Paint Enable       DO 387-GO 17         82       4       4       Eq2:pBW - Injector Wash       DO 388-GO 17         82       4       5       Eq2:pBW - Bell Wash       DO 389-GO 17         82       4       5       Eq2:pSU - Purge Solvent       DO 390-GO 17         82       4       7       Eq2:pAIR - Purge Air       DO 391-GO 17         82       4       7       Eq2:pC - Purge Color Changer       DO 392-GO 17         82       4       9       Eq2:pDUMP - Dump       DO 393-GO 17         82       4       10       Eq2:pELUSH - Pump Flush       DO 394-GO 17         82       4       11       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         82       4       12       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         82       4       13       Eq2:pCAT - Catalyst Enable       DO 397-GO 17 <td></td>										
82       2       24       Eq1:DQ Command B7       DO 322–GO 24         82       4       1       Eq2:pTRIG – Trigger       DO 385         82       4       2       Eq2:pBAKE - Turbine Brake       DO 385         82       4       3       Eq2:pPE - Paint Enable       DO 387-GO 17         82       4       4       Eq2:pW - Injector Wash       DO 388-GO 17         82       4       5       Eq2:pW - Bell Wash       DO 389-GO 17         82       4       6       Eq2:pSOL - Purge Solvent       DO 390-GO 17         82       4       7       Eq2:pAIR - Purge Air       DO 391-GO 17         82       4       8       Eq2:pCC - Purge Color Changer       DO 392-GO 17         82       4       9       Eq2:pDUMP - Dump       DO 393-GO 17         82       4       10       Eq2:pELUSH - Pump Flush       DO 394-GO 17         82       4       11       Eq2:pSEAL - Seal Air       DO 395-GO 17         82       4       12       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         82       4       13       Eq2:pCAT - Catalyst Enable       DO 397-GO 17         82       4       14       Eq2:pWASH - Air/Solvent Enable       DO 398-GO 17										
82										
82       4       2       Eq2:BRAKE - Turbine Brake       DO 386         82       4       3       Eq2:pPE - Paint Enable       DO 387-GO 17         82       4       4       Eq2:pIW - Injector Wash       DO 388-GO 17         82       4       5       Eq2:pBW - Bell Wash       DO 389-GO 17         82       4       6       Eq2:pSOL - Purge Solvent       DO 390-GO 17         82       4       7       Eq2:pAlR - Purge Air       DO 391-GO 17         82       4       8       Eq2:pCC - Purge Color Changer       DO 392-GO 17         82       4       9       Eq2:pDUMP - Dump       DO 393-GO 17         82       4       10       Eq2:pFLUSH - Pump Flush       DO 394-GO 17         82       4       11       Eq2:pSEAL - Seal Air       DO 395-GO 17         82       4       12       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         82       4       13       Eq2:pCAT - Catalyst Enable       DO 397-GO 17         82       4       14       Eq2:pWASH - Air/Solvent Enable       DO 398-GO 17	82	2	24	Eqr.DQ Commana B/	DO 322-GO 24					
82       4       2       Eq2:BRAKE - Turbine Brake       DO 386         82       4       3       Eq2:pPE - Paint Enable       DO 387-GO 17         82       4       4       Eq2:pIW - Injector Wash       DO 388-GO 17         82       4       5       Eq2:pBW - Bell Wash       DO 389-GO 17         82       4       6       Eq2:pSOL - Purge Solvent       DO 390-GO 17         82       4       7       Eq2:pAlR - Purge Air       DO 391-GO 17         82       4       8       Eq2:pCC - Purge Color Changer       DO 392-GO 17         82       4       9       Eq2:pDUMP - Dump       DO 393-GO 17         82       4       10       Eq2:pFLUSH - Pump Flush       DO 394-GO 17         82       4       11       Eq2:pSEAL - Seal Air       DO 395-GO 17         82       4       12       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         82       4       13       Eq2:pCAT - Catalyst Enable       DO 397-GO 17         82       4       14       Eq2:pWASH - Air/Solvent Enable       DO 398-GO 17	92	1	1	Fa2:nTRIG - Trigger	DO 395					
82       4       3       Eq2:pPE - Paint Enable       DO 387-GO 17         82       4       4       Eq2:pBW - Injector Wash       DO 388-GO 17         82       4       5       Eq2:pBW - Bell Wash       DO 389-GO 17         82       4       6       Eq2:pSOL - Purge Solvent       DO 390-GO 17         82       4       7       Eq2:pSOL - Purge Solvent       DO 391-GO 17         82       4       8       Eq2:pCC - Purge Color Changer       DO 392-GO 17         82       4       9       Eq2:pDUMP - Dump       DO 393-GO 17         82       4       10       Eq2:pFLUSH - Pump Flush       DO 394-GO 17         82       4       11       Eq2:pSEAL - Seal Air       DO 395-GO 17         82       4       12       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         82       4       12       Eq2:pCAT - Catalyst Enable       DO 397-GO 17         82       4       14       Eq2:pWASH - Air/Solvent Enable       DO 398-GO 17										
82       4       4       Eq2:pIW - Injector Wash       DO 388-GO 17         82       4       5       Eq2:pBW - Bell Wash       DO 389-GO 17         82       4       6       Eq2:pSOL - Purge Solvent       DO 390-GO 17         82       4       7       Eq2:pAIR - Purge Air       DO 391-GO 17         82       4       8       Eq2:pCC - Purge Color Changer       DO 392-GO 17         82       4       9       Eq2:pDUMP - Dump       DO 393-GO 17         82       4       10       Eq2:pSEAL - Seal Air       DO 394-GO 17         82       4       11       Eq2:pSEAL - Seal Air       DO 395-GO 17         82       4       12       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         82       4       13       Eq2:pCAT - Catalyst Enable       DO 397-GO 17         82       4       14       Eq2:pWASH - Air/Solvent Enable       DO 398-GO 17										
82										
82       4       6       Eq2:pSOL - Purge Solvent       DO 390-GO 17         82       4       7       Eq2:pAIR - Purge Air       DO 391-GO 17         82       4       8       Eq2:pCC - Purge Color Changer       DO 392-GO 17         82       4       9       Eq2:pDUMP - Dump       DO 393-GO 17         82       4       10       Eq2:pLUSH - Pump Flush       DO 394-GO 17         82       4       11       Eq2:pSEAL - Seal Air       DO 395-GO 17         82       4       12       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         82       4       13       Eq2:pCAT - Catalyst Enable       DO 397-GO 17         82       4       14       Eq2:pWASH - Air/Solvent Enable       DO 398-GO 17		-								
82       4       7       Eq2:pAIR - Purge Air       DO 391-GO 17         82       4       8       Eq2:pCC - Purge Color Changer       DO 392-GO 17         82       4       9       Eq2:pDUMP - Dump       DO 393-GO 17         82       4       10       Eq2:pFLUSH - Pump Flush       DO 394-GO 17         82       4       11       Eq2:pSEAL - Seal Air       DO 395-GO 17         82       4       12       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         82       4       13       Eq2:pCAT - Catalyst Enable       DO 397-GO 17         82       4       14       Eq2:pWASH - Air/Solvent Enable       DO 398-GO 17										
82     4     8     Eq2:pCC - Purge Color Changer     DO 392-GO 17       82     4     9     Eq2:pDUMP - Dump     DO 393-GO 17       82     4     10     Eq2:pFLUSH - Pump Flush     DO 394-GO 17       82     4     11     Eq2:pSEAL - Seal Air     DO 395-GO 17       82     4     12     Eq2:pDUMP2 - Dump #2     DO 396-GO 17       82     4     13     Eq2:pCAT - Catalyst Enable     DO 397-GO 17       82     4     14     Eq2:pWASH - Air/Solvent Enable     DO 398-GO 17										
82     4     9     Eq2:pDUMP – Dump     DO 393-GO 17       82     4     10     Eq2:pFLUSH - Pump Flush     DO 394-GO 17       82     4     11     Eq2:pSEAL - Seal Air     DO 395-GO 17       82     4     12     Eq2:pDUMP2 - Dump #2     DO 396-GO 17       82     4     13     Eq2:pCAT - Catalyst Enable     DO 397-GO 17       82     4     14     Eq2:pWASH - Air/Solvent Enable     DO 398-GO 17										
82     4     10     Eq2:pFLUSH - Pump Flush     DO 394-GO 17       82     4     11     Eq2:pSEAL - Seal Air     DO 395-GO 17       82     4     12     Eq2:pDUMP2 - Dump #2     DO 396-GO 17       82     4     13     Eq2:pCAT - Catalyst Enable     DO 397-GO 17       82     4     14     Eq2:pWASH - Air/Solvent Enable     DO 398-GO 17										
82     4     11     Eq2:pSEAL - Seal Air     DO 395-GO 17       82     4     12     Eq2:pDUMP2 - Dump #2     DO 396-GO 17       82     4     13     Eq2:pCAT - Catalyst Enable     DO 397-GO 17       82     4     14     Eq2:pWASH - Air/Solvent Enable     DO 398-GO 17		-								
82     4     12     Eq2:pDUMP2 - Dump #2     DO 396-GO 17       82     4     13     Eq2:pCAT - Catalyst Enable     DO 397-GO 17       82     4     14     Eq2:pWASH - Air/Solvent Enable     DO 398-GO 17										
82     4     13     Eq2:pCAT – Catalyst Enable     DO 397-GO 17       82     4     14     Eq2:pWASH – Air/Solvent Enable     DO 398-GO 17										
82   4   14   Eq2:pWASH – Air/Solvent Enable   DO 398-GO 17										
82   4   15   Eq2:pSOL2 - Catalyst Solvent   DO 399-GO 17		4								
	82	4	15	Eq2:pSOL2 – Catalyst Solvent	DO 399-GO 17					

PaintTool I/O Layout Project No: Rev:1.1

17

Project Name: V6.31-1 Date: 9-March-04

			-	-			
82	4	16	Eq2:pFLUSH2 – Catalyst Flush	DO 400-GO 17			
1	2	14	Eq2:ACA	DO 401			
1	2		Eq2:pACS	DO 402			
82	3	1	Eq2:pH1	DO 452-GO 12			
82	3	2	Eq2:pH2	DO 453-GO 12			
82	3	3	Eq2:pC1	DO 403-GO 18			
82	3	4	Eq2:pC2	DO 404-GO 18			
82	3	5	Eq2:pC3	DO 405-GO 18			
82	3	6	Eq2:pC4	DO 406-GO 18			
82	3	7	Eq2:pC5	DO 407-GO 18			
82	3	8	Eq2:pC6	DO 408-GO 18			
1	2	9	Eq2:E-Stat HV ON	DO 435			
1	2		Eq2:E-Stat Step B0	DO 436-GO 23			
1	2		Eq2:E-Stat Step B1	DO 437–GO 23			
1	2		Eq2:E-Stat Step B2	DO 438–GO 23			
-	_						
1	2	16	Eg2:ACVA (Applicator Cleaner Vacuum Air)	DO 442			
			( ) [ [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]				
82	4	17	Eq2:DQ Command B0	DO 443-GO 25			
82	4		Eq2:DQ Command B1	DO 444-GO 25			
82	4		Eg2:DQ Command B2	DO 445-GO 25			
82	4		Eq2:DQ Command B3	DO 446-GO 25			
82	4		Eg2:DQ Command B4	DO 447-GO 25			
82	4		Eq2:DQ Command B5	DO 448-GO 25			
82	4		Eg2:DQ Command B6	DO 449-GO 25			
82	4		Eg2:DQ Command B7	DO 450-GO 25			

Rev:1.1

Date: 9-March-04

# DeviceNet/Model A PROCESS I/O - Equipment #1 P-500 VersaBell II (IPC 2K - Fixed/Variable Metering )

Rack	Slot	Pnt	Description	Rob#	Rack	Slot	Pnt	Description	Rob#
			Digital Outputs					Digital Inputs	
82	2	1	Eq1:pTRIG – Trigger	DO 257	1	1	1	Eq1:E-Stat HV ON	DIN 257
82	2	2	Eq1:BRAKE - Turbine Brake	DO 258	1	1	2	Eq1:E-Stat Setpoint Reached	DIN 258
82	2	3	Eq1:pPE - Paint Enable	DO 259-GO 13	1	1	3	Eq1:E-Stat Warning	DIN 259
82	2	4	Eq1:pIW - Injector Wash	DO 260-GO 13	1	1	4	Eq1:E-Stat Fault	DIN 260
82	2	5	Eq1:pBW - Bell Wash	DO 261-GO 13	1	1	5	Eq1:E-Stat Check OK	DIN 261
82	2	6	Eq1:pSOL - Purge Solvent	DO 262-GO 13	1	1	6	Eq1:E-Stat Remote	DIN 262
82	2	7	Eq1:pAIR - Purge Air	DO 263-GO 13					
82	2		Eq1:pCC - Purge Color Changer	DO 264-GO 13				Analog Outputs	
82	2	9	Eq1:pDUMP – Dump	DO 265-GO 13	82	1	1	Eq1:RIP (Resin Regulator Inlet Pilot)	AOUT 1
82	2		Eq1:pFLUSH - Pump Flush	DO 266-GO 13	82	1		Eq1:BSC (Bell Speed Transducer)	AOUT 3
82	2	11	Eq1:pSEAL - Seal Air	DO 267-GO 13	82	1	3	Eq1:HIP (Catalyst Regulator Inlet Pilot)	AOUT 5
82	2		Eq1:pDUMP2 – Dump #2	DO 268-GO 13	02		0	Lq1.1111 (Odtaryst riegulator iniet i liot)	7.001 3
82	2		Eq1:pCAT – Catalyst Enable	DO 269-GO 13					
82	2		Eq1:pWASH – Galaryst Errable	DO 270-GO 13					
82	2								
		15	Eq1:pSOL2 – Catalyst Solvent	DO 271-GO 13					
82	2		Eq1:pFLUSH2 – Catalyst Flush	DO 272-GO 13					
1	2	6	Eq1:ACA	DO 273					
1	2	7	Eq1:pACS	DO 274					
								Analog Inputs	411.
					1	3	1	Eq1:E-Stat Ua	AIN 1
					1	3	2	Eq1:E-Stat KV	AIN 2
					82	1	1	Eq1:Bear Air OK	AIN 5
					82	1	3	Eq1:Bell Speed Feedback	AIN 6
82	1	1	Eq1:pH1	DO 324-GO 11	82	1	2	Eq1:DQ Manifold Pressure	AIN 9
82	1	2	Eq1:pH2	DO 325-GO 11	82	1	4	Eq1:P1OP (Resin Pump Outlet Pressure)	AIN 11
82	1	3	Eq1:pC1	DO 275-GO 14	82	1	5	Eq1:P2OP (Catalyst Pump Outlet Pressure)	AIN 13
82	1	4	Eq1:pC2	DO 276-GO 14				, , , , , , , , , , , , , , , , , , , ,	
82	1		Eq1:pC3	DO 277-GO 14					
82	1		Eq1:pC4	DO 278-GO 14					
82	1		Eq1:pC5	DO 279-GO 14					
82	1		Eq1:pC6	DO 280-GO 14					
02		Ü	Lq1.p00	DO 200 GO 14					
4	0	4	Eatin Stat HV ON	DO 207					
1	2		Eq1:E-Stat HV ON	DO 307					
1	2		Eq1:E-Stat Step B0	DO 308 -GO 22					
1	2		Eq1:E-Stat Step B1	DO 309 -GO 22					
1	2	4	Eq1:E-Stat Step B2	DO 310-GO 22					
1	2	8	Eq1:ACVA (Applicator Cleaner Vacuum Air)	DO 314					
82	2	17	Eq1:DQ Command B0	DO 315 -GO 24					
82	2	18	Eg1:DQ Command B1	DO 316 -GO 24					
82	2		Eg1:DQ Command B2	DO 317 -GO 24					
82	2		Eg1:DQ Command B3	DO 318 -GO 24					
82	2		Eq1:DQ Command B4	DO 319 -GO 24					
82	2		Eq1:DQ Command B5	DO 319 -GO 24					
82	2		Eq1:DQ Command B6	DO 321 -GO 24					
82	2	24	Eq1:DQ Command B7	DO 322 -GO 24					

Rev:1.1

# DeviceNet/Model A PROCESS I/O - Equipment #2 P-500 VersaBell II (IPC 2K - Fixed/Variable Metering )

Rack	Slot	Pnt	Description	Rob#	Rack	Slot	Pnt	Description	Rob#
			Digital Outputs					Digital Inputs	
82	4	1	Eq2:pTRIG – Trigger	DO 385	1	1	9	Eg2:E-Stat HV ON	DIN 385
82	4	2	Eq2:BRAKE – Turbine Brake	DO 386	1	1	10	Eq2:E-Stat Setpoint Reached	DIN 386
82	4	3	Eq2:pPE - Paint Enable	DO 387-GO 17	1	1	11	Eq2:E-Stat Warning	DIN 387
82	4	4	Eq2:pIW - Injector Wash	DO 388-GO 17	1	1	12	Eq2:E-Stat Fault	DIN 388
82	4	5	Eq2:pBW - Bell Wash	DO 389-GO 17	1	1	13	Eg2:E-Stat Check OK	DIN 389
82	4	6	Eq2:pSOL - Purge Solvent	DO 390-GO 17	1	1	14	Eq2:E-Stat Remote	DIN 390
82	4	7	Eq2:pAIR - Purge Air	DO 391-GO 17			17	Eq2.2 otal ricinote	DIIV 030
82	4	8	Eq2:pCC - Purge Color Changer	DO 392-GO 17				Analog Outputs	
82	4	9	Eq2:pDUMP – Dump	DO 392-GO 17	82	3	1	Eq2:RIP (Resin Regulator Inlet Pilot)	AOUT 2
82	4		Eq2:pFLUSH - Pump Flush		82	3	2	Eq2:BSC (Bell Speed Transducer)	AOUT 4
				DO 394-GO 17	_				
82	4	11	Eq2:pSEAL - Seal Air	DO 395-GO 17	82	3	3	Eq2:HIP (Catalyst Regulator Inlet Pilot)	AOUT 6
82	4		Eq2:pDUMP2 – Dump #2	DO 396-GO 17				A. J. J. J.	
82	4		Eq2:pCAT – Catalyst Enable	DO 397-GO 17		•	•	Analog Inputs	4111.0
82	4	14	Eq2:pWASH – Air/Solvent Enable	DO 398-GO 17	1	3	3	Eq2:E-Stat Ua	AIN 3
82	4	15	Eq2:pSOL2 – Catalyst Solvent	DO 399-GO 17	1	3	4	Eq2:E-Stat KV	AIN 4
82	4	16	Eq2:pFLUSH2 – Catalyst Flush	DO 400-GO 17	82	3	1	Eq2:Bear Air OK	AIN 7
1	2	14	Eq2:ACA	DO 401	82	3	3	Eq2:Bell Speed Feedback	AIN 8
1	2	15	Eq2:pACS	DO 402					
								Analog Inputs	
					1	3	3	Eq2:E-Stat Ua	AIN 3
					1	3	4	Eq2:E-Stat KV	AIN 4
					82	3	1	Eg2:Bear Air OK	AIN 7
					82	3	3	Eg2:Bell Speed Feedback	AIN 8
82	3	1	Eq2:pH1	DO 452-GO 12	82	3	2	Eq2:DQ Manifold Pressure	AIN 10
82	3	2	Eq2:pH2	DO 452-GO 12	82	3	4	Eq2:P1OP (Resin Pump Outlet Pressure)	AIN 12
82	3	3	Eq2:pC1	DO 403-GO 12	82	3	5	Eq2:P2OP (Catalyst Pump Outlet Pressure)	AIN 12 AIN 14
				DO 403-GO 18	02	3	5	Eqz. F2OF (Galaiyst Fullip Outlet Flessule)	AIN 14
82	3	4	Eq2:pC2						
82	3	5	Eq2:pC3	DO 405-GO 18					
82	3	6	Eq2:pC4	DO 406-GO 18					
82	3	7	Eq2:pC5	DO 407-GO 18					
82	3	8	Eq2:pC6	DO 408-GO 18					
1	2	9	Eq2:E-Stat HV ON	DO 435					
				DO 435 DO 436 -GO 23					
1	2	10	Eq2:E-Stat Step B0 Eq2:E-Stat Step B1						
1	2	11	•	DO 437 -GO 23					
1	2	12	Eq2:E-Stat Step B2	DO 438-GO 23					
1	2	16	Eq2:ACVA (Applicator Cleaner Vacuum Air)	DO 442					
			,						
82	4	17	Eq2:DQ Command B0	DO 443 -GO 25					
82	4	18	Eg2:DQ Command B1	DO 444 -GO 25					
82	4	19	Eq2:DQ Command B2	DO 444 -GO 25					
82	4	20	Eq2:DQ Command B3	DO 446 -GO 25					
82	4	21	Eq2:DQ Command B4	DO 447 -GO 25					
82	4	22	Eq2:DQ Command B5	DO 448 -GO 25					
82	4	23	Eq2:DQ Command B6	DO 449 -GO 25					
82	4	24	Eq2:DQ Command B7	DO 450 -GO 25					

19

Project Name: V6.31-1

# DeviceNet/Model A PROCESS I/O - Equipment #1/2

# P-500 VersaBell II (Waterborne - Integrated Canister)

Date: 9-March-04

Digital Outputs   Digital Inputs   Dig	Rack	Slot	Pnt	Description	Rob#	Rack	Slot	Pnt	Description	Rob#
Section   Comment   Comm	TIGOR	Olot	1 110		1100 #	ridor	Olot	1 110		1100 #
Section   Sect	82	2	1		DO 257	1	1	1		DIN 257
Section   Company   Comp									Eq1:E-Stat Setpoint Reached	
Section   Comment   Comm				•		1				DIN 259
82   2   6   Eq.1 psQL - Purge Solvent   D0 282 G0 13   1   1   6   Eq.1 psQL - Purge Solvent   D0 284 G0 13   1   1   6   Eq.1 psQL - Purge Color Changer   D0 284 G0 13   1   1   1   1   1   1   1   1   1						1				DIN 260
Section   Sect	82	2	5	Eq1:pBW - Bell Wash	DO 261-GO 13	1	1	5	Eq1:E-Stat Check OK	DIN 261
22   2   8   Eq.1-pOLP - Purple Color Changer   D0 284-60 13   1   1   1   9   Eq.2-Stat HV ON   DN 386	82	2	6	Eq1:pSOL - Purge Solvent	DO 262-GO 13	1	1	6	Eq1:E-Stat Remote	DIN 262
22   9   Eq.1-pol.MP - Dump	82	2	7	Eq1:pAIR - Purge Air	DO 263-GO 13				·	
22   10   Eq.1 ppSAL - Canalizer Inlet	82	2	8	Eq1:pCC - Purge Color Changer	DO 264-GO 13	1	1	9	Eq2:E-Stat HV ON	DIN 385
Box   2	82	2	9	Eq1:pDUMP – Dump	DO 265-GO 13	1	1	10	Eq2:E-Stat Setpoint Reached	DIN 386
Beauty   1	82	2	10	Eq1:pCAN – Canister Inlet	DO 266-GO 13	1	1	11	Eq2:E-Stat Warning	DIN 387
Beg   1   1   Eqt.   Fig.	82	2	11	Eq1:pSEAL - Seal Air	DO 267-GO 13	1	1	12	Eq2:E-Stat Fault	DIN 388
Beg   2   15   Est 1:pSOL2 - Purge Solvent #2   DO 270-GO 13	82		12		DO 268-GO 13	1	1	13	Eq2:E-Stat Check OK	DIN 389
Section			13		DO 269-GO 13	1	1	14	Eq2:E-Stat Remote	DIN 390
1										
1	82	2	15	Eq1:pDUMP3 - Dump #3	DO 271-GO 13					
1				5 4 404	D.O. 0770					
82 1 1 2 EqtpC1										
82 1 1 5 Eqt.pC1	1	2	7	Eq1:pACS	DO 274					
1   2   Eqt pc/2	00		_	E 1 01	DO 075 00 11	00		_		ACUTO
82										
1	_					82	3	2	Eq2:BSC (Bell Speed Transducer)	AOUT 4
82				Eq1:p03						
1		1								
1		1								
1										
1   9   Eq1:pC9   DO 283-GO 14   1   3   1   Eq1:pSIsI Us   AIN 1									Anala - It-	
1							_	_		AINL
1										
1										
82   1   13   EqirpC13										
1										
1   15   Eqi pocts   Do 288-G0 14   82   3   1   Eqi pocts   Eqi										
1   16   Eq.   DC   Eq.   DC   Sq.   Cq.										
R2										
22										
1   19										
1						82	3	2	Eq2:DQ Manifold Pressure	AIN 10
1										
1										
82										
82										
1 2 1 Eq1:E-Stat HV ON DO 307 1 2 2 Eq1:E-Stat Step B0 DO 308 -GO 22 1 2 3 Eq1:E-Stat Step B1 DO 309 -GO 22 1 2 4 Eq1:E-Stat Step B2 DO 310-GO 22 1 2 4 Eq1:E-Stat Step B2 DO 310-GO 22 1 2 8 Eq1:ACVA (Applicator Cleaner Vacuum Air) DO 314 82 2 17 Eq1:DQ Command B0 DO 315 -GO 24 82 2 18 Eq1:DQ Command B1 DO 316 -GO 24 82 2 19 Eq1:DQ Command B2 DO 317 -GO 24 82 2 19 Eq1:DQ Command B3 DO 318 -GO 24 82 2 19 Eq1:DQ Command B4 DO 319 -GO 24 82 2 2 Eq1:DQ Command B4 DO 319 -GO 24 82 2 2 Eq1:DQ Command B5 DO 319 -GO 24 82 2 2 Eq1:DQ Command B6 DO 320 -GO 24 82 2 2 Eq1:DQ Command B6 DO 321 -GO 24 82 2 2 Eq1:DQ Command B7 DO 322 -GO 24 82 2 2 Eq1:DQ Command B7 DO 382 -GO 24 82 2 2 4 Eq2:DQ Command B7 DO 385 82 4 1 Eq2:pRIG - Trigger DO 385 82 4 2 Eq2:BRAKE - Turbine Brake DO 386 82 4 1 Eq2:CBRAKE - Turbine Brake DO 386 82 4 2 Eq2:DW - Injector Wash DO 388-GO 17 82 4 5 Eq2:pSU - Injector Wash DO 389-GO 17 82 4 7 Eq2:pAIR - Purge Air B0 DO 399-GO 17 82 4 7 Eq2:pAIR - Purge Air DO 399-GO 17 82 4 7 Eq2:pAIR - Purge Air DO 399-GO 17 82 4 9 Eq2:pDUMP - Dump DO 399-GO 17 82 4 10 Eq2:pSUAR - Seal Air DO 399-GO 17 82 4 11 Eq2:pSEAL - Seal Air DO 399-GO 17 82 4 11 Eq2:pSEAL - Seal Air DO 399-GO 17 82 4 12 Eq2:pDUMP - Dump DO 399-GO 17 82 4 13 Eq2:pDUMP - Dump DO 399-GO 17 83 4 14 Eq2:pSCAL - Acaister Inlet DO 399-GO 17 84 4 14 Eq2:pSCAL - Seal Air DO 399-GO 17 85 4 15 Eq2:pDUMP - Dump #2 DO 399-GO 17 86 4 16 Eq2:pSCAL - Purge Solvent #2 DO 399-GO 17 86 4 14 Eq2:pSCAL - Seal Air DO 399-GO 17 87 4 14 Eq2:pSCAL - Purge Solvent #2 DO 399-GO 17 88 4 14 Eq2:pSCAL - Purge Solvent #2 DO 399-GO 17										
1	82	1	24	Eq1:pG24	DO 298 -GO 15					
1	4	2	4	Eat:E Stat HV ON	DO 207					
1										
1				•						
1 2 8 Eq1:ACVA (Applicator Cleaner Vacuum Air)  82 2 17 Eq1:DQ Command B0  82 2 18 Eq1:DQ Command B1  82 2 19 Eq1:DQ Command B2  82 2 19 Eq1:DQ Command B3  83 DO 318 -GO 24  84 2 2 12 Eq1:DQ Command B3  85 DO 318 -GO 24  86 2 2 12 Eq1:DQ Command B4  87 DO 319 -GO 24  88 2 2 22 Eq1:DQ Command B5  88 2 2 22 Eq1:DQ Command B5  89 2 2 23 Eq1:DQ Command B6  80 DO 321 -GO 24  80 2 2 24 Eq1:DQ Command B7  80 DO 322 -GO 24  81 2 2 24 Eq1:DQ Command B7  82 2 2 25 Eq1:DQ Command B7  83 DO 386  84 2 1 Eq2:pTRIG - Trigger  85 DO 386  86 DO 322 -GO 24  87 DO 386  88 2 4 2 Eq2:BRAKE - Turbine Brake  89 DO 386  80 DO 386  80 DO 386  80 DO 386  81 DO 386  82 4 1 Eq2:pDE - Paint Enable  80 DO 388-GO 17  81 DO 389-GO 17  82 4 5 Eq2:pBW - Bell Wash  80 DO 399-GO 17  81 DO 391-GO 17  82 4 8 Eq2:pCC - Purge Solvent  83 DO 393-GO 17  84 BEQ2:pCC - Purge Color Changer  85 DO 393-GO 17  86 DO 393-GO 17  87 DO 393-GO 17  88 DO 393-GO 17  89 DO 393-GO 17  80 DO 393-GO 17  80 DO 394-GO 17  81 Eq2:pCAN - Canister Inlet  82 DO 394-GO 17  83 DO 395-GO 17  84 DO 395-GO 17  85 DO 395-GO 17  86 DO 395-GO 17  87 DO 395-GO 17  88 DO 395-GO 17  89 DO 395-GO 17  80 DO 395-GO 17  80 DO 395-GO 17  81 Eq2:pDWASH - Air/Solvent Enable  82 DO 398-GO 17  83 DO 399-GO 17  84 DO 399-GO 17  85 DO 399-GO 17  86 DO 399-GO 17  87 DO 399-GO 17  88 DO 399-GO 17  89 DO 399-GO 17  80 DO 399-GO 17  80 DO 399-GO 17				•						
82	'		4	Eq1.E-Stat Step B2	DO 310-GO 22					
82	1	2	8	Eq1:ACVA (Applicator Cleaner Vacuum Air)	DO 314					
82       2       18       Eq1:DQ Command B1       DO 316 -GO 24         82       2       19       Eq1:DQ Command B2       DO 317 -GO 24         82       2       20       Eq1:DQ Command B3       DO 318 -GO 24         82       2       12       Eq1:DQ Command B4       DO 319 -GO 24         82       2       22       Eq1:DQ Command B5       DO 320 -GO 24         82       2       24       Eq1:DQ Command B6       DO 322 -GO 24         82       2       24       Eq1:DQ Command B6       DO 322 -GO 24         82       2       24       Eq1:DQ Command B7       DO 385         82       2       24       Eq1:DQ Command B6       DO 322 -GO 24         82       4       2       Eq2:pRIG - Trigger       DO 385         82       4       2       Eq2:pBAKE - Turbine Brake       DO 386         82       4       3       Eq2:pBAKE - Turbine Brake       DO 386         82       4       3       Eq2:pBA - Bait Enable       DO 387-GO 17         82       4       4       Eq2:pBW - Bell Wash       DO 388-GO 17         82       4       5       Eq2:pBW - Bell Wash       DO 390-GO 17         82 <td< td=""><td></td><td>-</td><td></td><td>Eq1.5.0 V/ (Applicator Gloanor Vacuation Vill)</td><td>50011</td><td></td><td></td><td></td><td></td><td></td></td<>		-		Eq1.5.0 V/ (Applicator Gloanor Vacuation Vill)	50011					
82       2       18       Eq1:DQ Command B1       DO 316 -GO 24         82       2       19       Eq1:DQ Command B2       DO 317 -GO 24         82       2       20       Eq1:DQ Command B3       DO 318 -GO 24         82       2       12       Eq1:DQ Command B4       DO 319 -GO 24         82       2       22       Eq1:DQ Command B5       DO 320 -GO 24         82       2       24       Eq1:DQ Command B6       DO 322 -GO 24         82       2       24       Eq1:DQ Command B6       DO 322 -GO 24         82       2       24       Eq1:DQ Command B7       DO 385         82       2       24       Eq1:DQ Command B6       DO 322 -GO 24         82       4       2       Eq2:pRIG - Trigger       DO 385         82       4       2       Eq2:pBAKE - Turbine Brake       DO 386         82       4       3       Eq2:pBAKE - Turbine Brake       DO 386         82       4       3       Eq2:pBA - Bait Enable       DO 387-GO 17         82       4       4       Eq2:pBW - Bell Wash       DO 388-GO 17         82       4       5       Eq2:pBW - Bell Wash       DO 390-GO 17         82 <td< td=""><td>82</td><td>2</td><td>17</td><td>Eq1:DQ Command B0</td><td>DO 315 -GO 24</td><td></td><td></td><td></td><td></td><td></td></td<>	82	2	17	Eq1:DQ Command B0	DO 315 -GO 24					
82       2       19       Eq1:DQ Command B3       DO 318-GO 24         82       2       21       Eq1:DQ Command B3       DO 318-GO 24         82       2       21       Eq1:DQ Command B5       DO 320-GO 24         82       2       23       Eq1:DQ Command B6       DO 321-GO 24         82       2       24       Eq1:DQ Command B7       DO 322-GO 24         82       4       1       Eq2:pTRIG - Trigger       DO 385         82       4       2       Eq2:BRAKE - Turbine Brake       DO 386         82       4       2       Eq2:pBV - Injector Wash       DO 388-GO 17         82       4       4       Eq2:pDW - Puint Enable       DO 388-GO 17         82       4       5       Eq2:pBW - Bell Wash       DO 388-GO 17         82       4       5       Eq2:pDW - Puinge Solvent       DO 390-GO 17         82       4       7       Eq2:pAIR - Purge Air       DO 391-GO 17         82       4       8       Eq2:pDUMP - Dump       DO 393-GO 17         82       4       9       Eq2:pDUMP - Dump       DO 394-GO 17         82       4       10       Eq2:pCAN - Canister Inlet       DO 396-GO 17         82										
82       2       20       Eq1:DQ Command B3       DO 318-GO 24         82       2       21       Eq1:DQ Command B4       DO 319-GO 24         82       2       22       Eq1:DQ Command B5       DO 320-GO 24         82       2       23       Eq1:DQ Command B6       DO 321-GO 24         82       2       24       Eq1:DQ Command B7       DO 322-GO 24         82       4       1       Eq2:pTRIG - Trigger       DO 385         82       4       2       Eq2:BRAKE - Turbine Brake       DO 386         82       4       2       Eq2:PBW - Injector Wash       DO 387-GO 17         82       4       4       Eq2:PBW - Bell Wash       DO 388-GO 17         82       4       5       Eq2:PBW - Bell Wash       DO 390-GO 17         82       4       6       Eq2:PBOL - Purge Solvent       DO 391-GO 17         82       4       7       Eq2:PBOL - Purge Color Changer       DO 392-GO 17         82       4       9       Eq2:pDUMP - Dump       DO 393-GO 17         82       4       9       Eq2:pDUMP - Dump       DO 394-GO 17         82       4       12       Eq2:pDUMP - Dump #2       DO 396-GO 17         8										
82       2       21       Eq1:DQ Command B4       DO 319 -GO 24         82       2       22       Eq1:DQ Command B5       DO 320 -GO 24         82       2       24       Eq1:DQ Command B6       DO 321 -GO 24         82       2       24       Eq1:DQ Command B7       DO 322 -GO 24         82       4       1       Eq2:pTRIG - Trigger       DO 385         82       4       2       Eq2:pBRAKE - Turbine Brake       DO 386         82       4       3       Eq2:pPE - Paint Enable       DO 387-GO 17         82       4       4       Eq2:pW - Injector Wash       DO 388-GO 17         82       4       5       Eq2:pSW - Bell Wash       DO 389-GO 17         82       4       6       Eq2:pSW - Purge Solvent       DO 390-GO 17         82       4       7       Eq2:pAIR - Purge Air       DO 391-GO 17         82       4       8       Eq2:pCC - Purge Color Changer       DO 392-GO 17         82       4       9       Eq2:pCMP - Canister Inlet       DO 394-GO 17         82       4       11       Eq2:pDUMP - Dump       DO 396-GO 17         82       4       12       Eq2:pDUMP2 - Dump #2       DO 396-GO 17										
82       2       22       Eq1:DQ Command B5       DO 320 -GO 24         82       2       23       Eq1:DQ Command B6       DO 321 -GO 24         82       2       24       Eq1:DQ Command B7       DO 322 -GO 24         82       4       1       Eq2:pTRIG - Trigger       DO 385         82       4       2       Eq2:pRAKE - Turbine Brake       DO 386         82       4       2       Eq2:pPE - Paint Enable       DO 387-GO 17         82       4       4       Eq2:pW - Injector Wash       DO 388-GO 17         82       4       5       Eq2:pBW - Bell Wash       DO 389-GO 17         82       4       6       Eq2:pSOL - Purge Solvent       DO 390-GO 17         82       4       7       Eq2:pAIR - Purge Air       DO 391-GO 17         82       4       8       Eq2:pCC - Purge Color Changer       DO 392-GO 17         82       4       9       Eq2:pDUMP - Dump       DO 393-GO 17         82       4       10       Eq2:pCAN - Canister Inlet       DO 394-GO 17         82       4       11       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         82       4       12       Eq2:pDUMP2 - Dump #3       DO 399-GO 17										
82       2       23       Eq1:DQ Command B6       DO 321 - GO 24         82       2       24       Eq1:DQ Command B7       DO 322 - GO 24         82       4       1       Eq2:pTRIG - Trigger       DO 385         82       4       2       Eq2:BRAKE - Turbine Brake       DO 386         82       4       3       Eq2:pPE - Paint Enable       DO 387-GO 17         82       4       4       Eq2:pWI - Injector Wash       DO 388-GO 17         82       4       5       Eq2:pBW - Bell Wash       DO 389-GO 17         82       4       6       Eq2:pSOL - Purge Solvent       DO 390-GO 17         82       4       7       Eq2:pAIR - Purge Air       DO 391-GO 17         82       4       8       Eq2:pCO- Purge Color Changer       DO 392-GO 17         82       4       8       Eq2:pDUMP - Dump       DO 393-GO 17         82       4       10       Eq2:pCAN - Canister Inlet       DO 394-GO 17         82       4       11       Eq2:pSEAL - Seal Air       DO 395-GO 17         82       4       12       Eq2:pDUMP2 - Dump #2       DO 397-GO 17         82       4       13       Eq2:pDUMP3 - Dump #3       DO 399-GO 17 </td <td></td>										
82       2       24       Eq1:DQ Command B7       DO 322 -G0 24         82       4       1       Eq2:pTRIG - Trigger       DO 385         82       4       2       Eq2:BRAKE - Turbine Brake       DO 386         82       4       3       Eq2:pPE - Paint Enable       DO 387-G0 17         82       4       4       Eq2:pW - Bell Wash       DO 388-G0 17         82       4       5       Eq2:pBW - Bell Wash       DO 390-G0 17         82       4       6       Eq2:pSOL - Purge Solvent       DO 391-G0 17         82       4       7       Eq2:pAIR - Purge Air       DO 391-G0 17         82       4       8       Eq2:pCC - Purge Color Changer       DO 392-G0 17         82       4       9       Eq2:pDUMP - Dump       DO 393-G0 17         82       4       10       Eq2:pCAN - Canister Inlet       DO 394-G0 17         82       4       11       Eq2:pSEAL - Seal Air       DO 395-G0 17         82       4       12       Eq2:pDUMP2 - Dump #2       DO 396-G0 17         82       4       12       Eq2:pWASH - Air/Solvent Enable       DO 397-G0 17         82       4       14       Eq2:pDUMP3 - Dump #3       DO 399-G0 17										
82										
82       4       2       Eq2:BRAKE - Turbine Brake       DO 386         82       4       3       Eq2:pPE - Paint Enable       DO 387-GO 17         82       4       4       Eq2:pIW - Injector Wash       DO 388-GO 17         82       4       5       Eq2:pBW - Bell Wash       DO 389-GO 17         82       4       6       Eq2:pSOL - Purge Solvent       DO 390-GO 17         82       4       7       Eq2:pAIR - Purge Air       DO 391-GO 17         82       4       8       Eq2:pCC - Purge Color Changer       DO 392-GO 17         82       4       9       Eq2:pDUMP - Dump       DO 393-GO 17         82       4       10       Eq2:pCAN - Canister Inlet       DO 394-GO 17         82       4       11       Eq2:pSEAL - Seal Air       DO 395-GO 17         82       4       12       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         82       4       13       Eq2:pWASH - Air/Solvent Enable       DO 398-GO 17         82       4       14       Eq2:pDUMP3 - Dump #3       DO 399-GO 17										
82       4       2       Eq2:BRAKE - Turbine Brake       DO 386         82       4       3       Eq2:pPE - Paint Enable       DO 387-GO 17         82       4       4       Eq2:pIW - Injector Wash       DO 388-GO 17         82       4       5       Eq2:pBW - Bell Wash       DO 389-GO 17         82       4       6       Eq2:pSOL - Purge Solvent       DO 390-GO 17         82       4       7       Eq2:pAIR - Purge Air       DO 391-GO 17         82       4       8       Eq2:pCC - Purge Color Changer       DO 392-GO 17         82       4       9       Eq2:pDUMP - Dump       DO 393-GO 17         82       4       10       Eq2:pCAN - Canister Inlet       DO 394-GO 17         82       4       11       Eq2:pSEAL - Seal Air       DO 395-GO 17         82       4       12       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         82       4       13       Eq2:pWASH - Air/Solvent Enable       DO 398-GO 17         82       4       14       Eq2:pDUMP3 - Dump #3       DO 399-GO 17	82	4	1	Eq2:pTRIG – Trigger	DO 385					
82       4       3       Eq2:pPE - Paint Enable       DO 387-GO 17         82       4       4       Eq2:pIW - Injector Wash       DO 388-GO 17         82       4       5       Eq2:pBW - Bell Wash       DO 389-GO 17         82       4       6       Eq2:pSOL - Purge Solvent       DO 390-GO 17         82       4       7       Eq2:pAIR - Purge Air       DO 391-GO 17         82       4       8       Eq2:pC-Purge Color Changer       DO 392-GO 17         82       4       9       Eq2:pDUMP - Dump       DO 393-GO 17         82       4       10       Eq2:pCAN - Canister Inlet       DO 394-GO 17         82       4       11       Eq2:pSEAL - Seal Air       DO 395-GO 17         82       4       12       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         82       4       12       Eq2:pWASH - Air/Solvent Enable       DO 397-GO 17         82       4       14       Eq2:pSOL2 - Purge Solvent #2       DO 398-GO 17         82       4       15       Eq2:pDUMP3 - Dump #3       DO 399-GO 17			2							
82	82	4								
82       4       6       Eq2:pSOL - Purge Solvent       DO 390-GO 17         82       4       7       Eq2:pAIR - Purge Air       DO 391-GO 17         82       4       8       Eq2:pCC - Purge Color Changer       DO 392-GO 17         82       4       9       Eq2:pDUMP - Dump       DO 393-GO 17         82       4       10       Eq2:pCAN - Canister Inlet       DO 394-GO 17         82       4       11       Eq2:pSAL - Seal Air       DO 395-GO 17         82       4       12       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         82       4       13       Eq2:pWASH - Air/Solvent Enable       DO 397-GO 17         82       4       14       Eq2:pSOL2 - Purge Solvent #2       DO 398-GO 17         82       4       15       Eq2:pDUMP3 - Dump #3       DO 399-GO 17	82	4	4	Eq2:pIW - Injector Wash	DO 388-GO 17					
82       4       7       Eq2:pAIR - Purge Air       DO 391-GO 17         82       4       8       Eq2:pCC - Purge Color Changer       DO 392-GO 17         82       4       9       Eq2:pDUMP - Dump       DO 393-GO 17         82       4       10       Eq2:pCAN - Canister Inlet       DO 394-GO 17         82       4       11       Eq2:pSEAL - Seal Air       DO 395-GO 17         82       4       12       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         82       4       13       Eq2:pWASH - Air/Solvent Enable       DO 397-GO 17         82       4       14       Eq2:pSOL2 - Purge Solvent #2       DO 398-GO 17         82       4       15       Eq2:pDUMP3 - Dump #3       DO 399-GO 17	82	4	5	Eq2:pBW - Bell Wash	DO 389-GO 17					
82     4     8     Eq2:pCC - Purge Color Changer     DO 392-GO 17       82     4     9     Eq2:pDUMP - Dump     DO 393-GO 17       82     4     10     Eq2:pCAN - Canister Inlet     DO 394-GO 17       82     4     11     Eq2:pSEAL - Seal Air     DO 395-GO 17       82     4     12     Eq2:pDUMP2 - Dump #2     DO 396-GO 17       82     4     13     Eq2:pWASH - Air/Solvent Enable     DO 397-GO 17       82     4     14     Eq2:pSOL2 - Purge Solvent #2     DO 398-GO 17       82     4     15     Eq2:pDUMP3 - Dump #3     DO 399-GO 17			6							
82     4     9     Eq2:pDUMP – Dump     DO 393-GO 17       82     4     10     Eq2:pCAN – Canister Inlet     DO 394-GO 17       82     4     11     Eq2:pSEAL - Seal Air     DO 395-GO 17       82     4     12     Eq2:pDUMP2 - Dump #2     DO 396-GO 17       82     4     13     Eq2:pWASH - Air/Solvent Enable     DO 397-GO 17       82     4     14     Eq2:pSOL2 – Purge Solvent #2     DO 398-GO 17       82     4     15     Eq2:pDUMP3 - Dump #3     DO 399-GO 17			7							
82     4     10     Eq2:pCAN - Canister Inlet     DO 394-GO 17       82     4     11     Eq2:pSEAL - Seal Air     DO 395-GO 17       82     4     12     Eq2:pDUMP2 - Dump #2     DO 396-GO 17       82     4     13     Eq2:pWASH - Air/Solvent Enable     DO 397-GO 17       82     4     14     Eq2:pSOL2 - Purge Solvent #2     DO 398-GO 17       82     4     15     Eq2:pDUMP3 - Dump #3     DO 399-GO 17	82	4	8	Eq2:pCC - Purge Color Changer	DO 392-GO 17					
82     4     11     Eq2:pSEAL - Seal Air     DO 395-GO 17       82     4     12     Eq2:pDUMP2 - Dump #2     DO 396-GO 17       82     4     13     Eq2:pWASH - Air/Solvent Enable     DO 397-GO 17       82     4     14     Eq2:pSOL2 - Purge Solvent #2     DO 398-GO 17       82     4     15     Eq2:pDUMP3 - Dump #3     DO 399-GO 17					DO 393-GO 17					
82       4       12       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         82       4       13       Eq2:pWASH - Air/Solvent Enable       DO 397-GO 17         82       4       14       Eq2:pSOL2 - Purge Solvent #2       DO 398-GO 17         82       4       15       Eq2:pDUMP3 - Dump #3       DO 399-GO 17		4								
82       4       13       Eq2:pWASH - Air/Solvent Enable       DO 397-GO 17         82       4       14       Eq2:pSOL2 - Purge Solvent #2       DO 398-GO 17         82       4       15       Eq2:pDUMP3 - Dump #3       DO 399-GO 17	82	4			DO 395-GO 17					
82       4       13       Eq2:pWASH - Air/Solvent Enable       DO 397-GO 17         82       4       14       Eq2:pSOL2 - Purge Solvent #2       DO 398-GO 17         82       4       15       Eq2:pDUMP3 - Dump #3       DO 399-GO 17			12	Eq2:pDUMP2 - Dump #2						
82 4 15 Eq2:pDUMP3 - Dump #3 DO 399-GO 17			13	Eq2:pWASH - Air/Solvent Enable						
	82			Eq2:pSOL2 – Purge Solvent #2	DO 398-GO 17					
1 2 14 Eq2:ACA DO 401	82	4	15	Eq2:pDUMP3 - Dump #3	DO 399-GO 17					
1   2   14  Eq2:ACA										
	1	2	14	Eq2:ACA	DO 401					

PaintTool I/O Layout ject No: Rev:1.1

21

Project Name: V6.31-1 Project No: Rev:1.1 Date: 9-March-04

1	2	15	Eq2:pACS	DO 402			
82	3	1	Eq2:pC1	DO 403-GO 18			
82	3	2	Eq2:pC2	DO 404-GO 18			
82	3	3	Eq2:pC3	DO 405-GO 18			
82	3	4	Eq2:pC4	DO 406-GO 18			
82	3	5	Eq2:pC5	DO 407-GO 18			
82	3	6	Eq2:pC6	DO 408-GO 18			
82	3	7	Eq2:pC7	DO 409-GO 18			
82	3	8	Eq2:pC8	DO 410-GO 18			
82	3	9	Eq2:pC9	DO 411-GO 18			
82	3	10	Eq2:pC10	DO 412-GO 18			
82	3	11	Eq2:pC11	DO 413-GO 18			
82	3	12	Eq2:pC12	DO 414-GO 18			
82	3	13	Eq2:pC13	DO 415-GO 18			
82	3		Eq2:pC14	DO 416-GO 18			
82	3	15	Eq2:pC15	DO 417-GO 18			
82	3	16	Eq2:pC16	DO 418-GO 18			
82	3	17	Eq2:pC17	DO 419-GO 19			
82	3	18	Eq2:pC18	DO 420-GO 19			
82	3		Eq2:pC19	DO 421-GO 19			
82	3		Eq2:pC20	DO 422-GO 19			
82	3		Eq2:pC21	DO 423 -GO 19			
82	3		Eq2:pC22	DO 424 -GO 19			
82	3		Eq2:pC23	DO 425 -GO 19			
82	3	24	Eq2:pC24	DO 426 -GO 19			
1	2		Eq2:E-Stat HV ON	DO 435			
1	2		Eq2:E-Stat Step B0	DO 436 -GO 23			
1	2		Eq2:E-Stat Step B1	DO 437 -GO 23			
1	2	12	Eq2:E-Stat Step B2	DO 438-GO 23			
1	2	16	Eq2:ACVA (Applicator Cleaner Vacuum Air)	DO 442			
82	4		Eq2:DQ Command B0	DO 443 -GO 25			
82	4		Eq2:DQ Command B1	DO 444 -GO 25			
82	4		Eq2:DQ Command B2	DO 445 -GO 25			
82	4		Eq2:DQ Command B3	DO 446 -GO 25			
82	4		Eq2:DQ Command B4	DO 447 -GO 25			
82	4		Eq2:DQ Command B5	DO 448 -GO 25			
82	4		Eq2:DQ Command B6	DO 449 -GO 25			
82	4	24	Eq2:DQ Command B7	DO 450 -GO 25			

Project Name: V6.31-1 Date: 9-March-04

# DeviceNet/Model A PROCESS I/O - Equipment #1 P-500 VersaBell II (Waterborne - Integrated Canister)

	Slot	Pnt	Description	Rob#	Rack	Slot	Pnt	Description	Rob #
			Digital Outputs					Digital Inputs	
82	2	1	Eq1:pTRIG - Trigger	DO 257	1	1	1	Eq1:E-Stat HV ON	DIN 257
82	2	2	Eq1:BRAKE - Turbine Brake	DO 258	1	1	2	Eq1:E-Stat Setpoint Reached	DIN 258
82	2	3	Eq1:pPE - Paint Enable	DO 259-GO 13	1	1	3	Eq1:E-Stat Warning	DIN 259
82	2	4	Eq1:pIW - Injector Wash	DO 260-GO 13	1	1	4	Eq1:E-Stat Fault	DIN 260
82	2		Eq1:pBW - Bell Wash	DO 261-GO 13	1	1	5	Eq1:E-Stat Check OK	DIN 261
82	2		Eq1:pSOL - Purge Solvent	DO 262-GO 13	1	1	6	Eq1:E-Stat Remote	DIN 262
82	2		Eq1:pAIR - Purge Air	DO 263-GO 13				1	
82	2		Eq1:pCC - Purge Color Changer	DO 264-GO 13				Analog Outputs	
82	2		Eq1:pDUMP – Dump	DO 265-GO 13	82	1	2	Eq1:BSC (Bell Speed Transducer)	AOUT 3
82	2		Eq1:pCAN – Canister Inlet	DO 266-GO 13			_		
82	2		Eq1:pSEAL - Seal Air	DO 267-GO 13					
82	2		Eq1:pDUMP2 - Dump #2	DO 268-GO 13					
82	2		Eq1:pWASH - Air/Solvent Enable	DO 269-GO 13					
82	2		Eq1:pSOL2 – Purge Solvent #2	DO 270-GO 13					
82	2	15	Eq1:pDUMP3 - Dump #3	DO 271-GO 13					
-	_		Eqr.pbown or bump we	20 271 00 10				Analog Inputs	
1	2	6	Eq1:ACA	DO 273	1	3	1	Eq1:E-Stat Ua	AIN 1
1	2		Eq1:pACS	DO 274	1	3	2	Eq1:E-Stat KV	AIN 2
		'	Lq1.pA00	DO 214	82	1	1	Eq1:Bear Air OK	AIN 5
82	-1	1	Eq1:pC1	DO 275-GO 14	82	1	3	Eq1:Bell Speed Feedback	AIN 6
82	1		Eq1:pC2	DO 276-GO 14	82	1	2	Eq1:DQ Manifold Pressure	AIN 9
82	1		Eq1:pC3	DO 277-GO 14	02			Lq1.DQ Mailloid Flessure	Ally 3
			Eq1:pC3						
82	1			DO 278-GO 14					
82	1		Eq1:pC5	DO 279-GO 14					
82	1	6	Eq1:pC6 Eq1:pC7	DO 280-GO 14					
82	1			DO 281-GO 14					
82	1		Eq1:pC8	DO 282-GO 14					
82	1		Eq1:pC9	DO 283-GO 14					
82	1		Eq1:pC10	DO 284-GO 14					
82	1		Eq1:pC11	DO 285-GO 14					
82	1		Eq1:pC12	DO 286-GO 14					
82	1		Eq1:pC13	DO 287-GO 14					
82	1		Eq1:pC14	DO 288-GO 14					
82	1		Eq1:pC15	DO 289-GO 14					
82	1		Eq1:pC16	DO 290-GO 14					
82	1		Eq1:pC17	DO 221-GO 15					
82	1		Eq1:pC18	DO 292-GO 15					
82	1		Eq1:pC19	DO 293-GO 15					
82	1		Eq1:pC20	DO 294-GO 15					
82	1		Eq1:pC21	DO 295 -GO 15					
82	1		Eq1:pC22	DO 296 -GO 15					
82	1	23	Eq1:pC23	DO 297 -GO 15					
82	1	24	Eq1:pC24	DO 298 -GO 15					
1	2	1	Eq1:E-Stat HV ON	DO 307					
1	2		Eq1:E-Stat Step B0	DO 308 -GO 22					
1	2		Eq1:E-Stat Step B1	DO 309 -GO 22					
1	2	4	Eq1:E-Stat Step B2	DO 310-GO 22					
1	2	8	Eq1:ACVA (Applicator Cleaner Vacuum Air)	DO 314					
82	2	17	Eq1:DQ Command B0	DO 315 -GO 24					
82	2		Eq1:DQ Command B1	DO 316 -GO 24					
82	2	19	Eq1:DQ Command B2	DO 317 -GO 24					
82	2	20	Eq1:DQ Command B3	DO 318 -GO 24					
82	2	21	Eq1:DQ Command B4	DO 319 -GO 24					
82	2		Eq1:DQ Command B5	DO 320 -GO 24					
82	2		Eq1:DQ Command B6	DO 321 -GO 24					
02	2		Eq1:DQ Command B7	DO 322 -GO 24					

Project No:

Date: 9-March-04

# DeviceNet/Model A PROCESS I/O - Equipment #2 P-500 VersaBell II (Waterborne - Integrated Canister)

Rack	Slot	Pnt	Description	Rob#	Rack	Slot	Pnt	Description	Rob#
			Digital Outputs					Digital Inputs	
82	4	1	Eq2:pTRIG – Trigger	DO 385	1	1	9	Eq2:E-Stat HV ON	DIN 385
82	4	2	Eq2:BRAKE - Turbine Brake	DO 386	1	1	10	Eq2:E-Stat Setpoint Reached	DIN 386
82	4	3	Eq2:pPE - Paint Enable	DO 387-GO 17	1	1	11	Eq2:E-Stat Warning	DIN 387
82	4	4	Eq2:pIW - Injector Wash	DO 388-GO 17	1	1	12	Eq2:E-Stat Fault	DIN 388
82	4	5	Eq2:pBW - Bell Wash	DO 389-GO 17	1	1	13	Eg2:E-Stat Check OK	DIN 389
82	4	6	Eq2:pSOL - Purge Solvent	DO 390-GO 17	1	1	14	Eq2:E-Stat Remote	DIN 390
82	4	7	Eq2:pAIR - Purge Air	DO 391-GO 17					
82	4	8	Eq2:pCC - Purge Color Changer	DO 392-GO 17				Analog Outputs	
82	4		Eq2:pDUMP – Dump	DO 393-GO 17	82	3	2	Eq2:BSC (Bell Speed Transducer)	AOUT 4
82	4		Eq2:pCAN - Canister Inlet	DO 394-GO 17				, , , ,	
82	4	11	Eq2:pSEAL - Seal Air	DO 395-GO 17					
82	4	12	Eq2:pDUMP2 - Dump #2	DO 396-GO 17					
82	4		Eq2:pWASH – Air/Solvent Enable	DO 397-GO 17					
82	4		Eq2:pSOL2 - Purge Solvent #2	DO 398-GO 17					
82	4	15	Eq2:pDUMP3 - Dump #3	DO 399-GO 17					
	-							Analog Inputs	
1	2	14	Eq2:ACA	DO 401	1	3	3	Eg2:E-Stat Ua	AIN 3
1	2	15	Eq2:pACS	DO 402	1	3	4	Eg2:E-Stat KV	AIN 4
•	_	10	Lq2.p/100	DO 402	82	3	1	Eq2:Bear Air OK	AIN 7
82	3	1	Eq2:pC1	DO 403-GO 18	82	3	3	Eq2:Bell Speed Feedback	AIN 8
82	3	2	Eq2:pG2	DO 404-GO 18	82	3	2	Eg2:DQ Manifold Pressure	AIN 10
82	3		Eq2:pG3	DO 405-GO 18	02	3	_	Lqz.bQ Mariiloid i Tessure	Ally 10
82	3		Eq2:pC3						
82	3		Eq2:pC5	DO 406-GO 18 DO 407-GO 18					
82 82	3		Eq2:pC6	DO 408-GO 18					
	3		Eq2:pC7	DO 409-GO 18					
82 82	3		Eq2:pC8	DO 410-GO 18					
	3		Eq2:pC9	DO 411-GO 18					
82	3		Eq2:pC10	DO 412-GO 18					
82	3		Eq2:pC11	DO 413-GO 18					
82	3		Eq2:pC12	DO 414-GO 18					
82	3		Eq2:pC13	DO 415-GO 18					
82	3		Eq2:pC14	DO 416-GO 18					
82	3		Eq2:pC15	DO 417-GO 18					
82	3		Eq2:pC16	DO 418-GO 18					
82	3		Eq2:pC17	DO 419-GO 19					
82	3		Eq2:pC18	DO 420-GO 19					
82	3		Eq2:pC19	DO 421-GO 19					
82	3	20	Eq2:pC20	DO 422-GO 19					
82	3	21	Eq2:pC21	DO 423 -GO 19					
82	3		Eq2:pC22	DO 424 -GO 19					
82	3	23	Eq2:pC23	DO 425 -GO 19					
82	3	24	Eq2:pC24	DO 426 -GO 19					
1	2	9	Eq2:E-Stat HV ON	DO 435					
1	2		Eq2:E-Stat Step B0	DO 436 -GO 23					
1	2		Eq2:E-Stat Step B1	DO 437 -GO 23					
1	2	12	Eq2:E-Stat Step B2	DO 438-GO 23					
1	2	16	Eq2:ACVA (Applicator Cleaner Vacuum Air)	DO 442					
82	4		Eq2:DQ Command B0	DO 443 -GO 25					
82	4		Eq2:DQ Command B1	DO 444 -GO 25					
82	4		Eq2:DQ Command B2	DO 445 -GO 25					
82	4		Eq2:DQ Command B3	DO 446 -GO 25					
82	4		Eq2:DQ Command B4	DO 447 -GO 25					
82	4		Eq2:DQ Command B5	DO 448 -GO 25					
82	4	23	Eq2:DQ Command B6	DO 449 -GO 25					
82	4	24	Eq2:DQ Command B7	DO 450 -GO 25					

Project Name: V6.31-1 Project No: Date: 9-March-04

# Profibus/Model A PROCESS I/O - Equipment #1/2

# P-500 VersaBell II (IPC 1K - Single Metering )

Rack	Slot	Pnt	Description	Rob#	Rack	Slot	Pnt	Description	Rob#
Tack	Olot	1 110	Digital Outputs	π	riack	Olot	1 110	Digital Inputs	1100 π
66	1	25	Eq1:pTRIG – Trigger	DO 257	1	1	1	Eq1:E-Stat HV ON	DIN 257
66	1	26	Eq1:BRAKE - Turbine Brake	DO 258	1	1	2	Eq1:E-Stat Setpoint Reached	DIN 258
66	1	27	Eq1:pPE - Paint Enable	DO 259-GO 13	1	1	3	Eq1:E-Stat Warning	DIN 259
66	1	28	Eq1:pIW - Injector Wash	DO 260-GO 13	1	1	4	Eq1:E-Stat Fault	DIN 260
66	1	29	Eq1:pBW - Bell Wash	DO 261-GO 13	1	1	5	Eq1:E-Stat Check OK	DIN 261
66	1	30	Eq1:pSOL - Purge Solvent	DO 262-GO 13	1	1	6	Eq1:E-Stat Remote	DIN 262
66	1	31	Eq1:pAIR - Purge Air	DO 263-GO 13					
66	1	32	Eq1:pCC - Purge Color Changer	DO 264-GO 13	1	1	9	Eq2:E-Stat HV ON	DIN 385
66	1	33	Eq1:pDUMP - Dump	DO 265-GO 13	1	1	10	Eq2:E-Stat Setpoint Reached	DIN 386
66	1	34	Eq1:pFLUSH - Pump Flush	DO 266-GO 13	1	1	11	Eq2:E-Stat Warning	DIN 387
66	1	35	Eq1:pSEAL - Seal Air	DO 267-GO 13	1	1	12	Eq2:E-Stat Fault	DIN 388
66	1	36	Eq1:pDUMP2 - Dump #2	DO 268-GO 13	1	1	13	Eq2:E-Stat Check OK	DIN 389
					1	1	14	Eq2:E-Stat Remote	DIN 390
4	0		F-1-ACA	DO 070					
1	2	6	Eq1:ACA	DO 273					
1	2	7	Eq1:pACS	DO 274					
CC	4	4	Fedura Cd	DO 075 CO 14					
66 66	1	1 2	Eq1:pC1 Eq1:pC2	DO 275-GO 14 DO 276-GO 14				Analog Outputs	
	1				66	-1	-1	ļ .	AOUT 1
66	1	3	Eq1:pC3 Eq1:pC4	DO 277-GO 14	66	1	1	Eq1:RIP (Regulator Inlet Pilot) Eq2:RIP (Regulator Inlet Pilot)	AOUT 1
66	1	4	• •	DO 278-GO 14	66 66	2	1	Eq2:RIP (Regulator Inlet Pilot) Eq1:BSC (Bell Speed Transducer)	AOUT 2
66	1	5	Eq1:pC5	DO 279-GO 14		1	2	Eq1:BSC (Bell Speed Transducer) Eq2:BSC (Bell Speed Transducer)	AOUT 3
66	1	6	Eq1:pC6 Eq1:pC7	DO 280-GO 14	66	2	2	Eqz.D3C (Dell Speed Transducer)	AOUT 4
66	1	7		DO 281-GO 14					
66	1	8	Eq1:pC8	DO 282-GO 14					
66	1	9	Eq1:pC9	DO 283-GO 14				Auglantania	
66	1	10	Eq1:pC10	DO 284-GO 14		0		Analog Inputs	AINI 4
66	1	11	Eq1:pC11	DO 285-GO 14	1	3	1	Eq1:E-Stat Ua	AIN 1
66	1	12	Eq1:pC12	DO 286-GO 14	1	3	2	Eq1:E-Stat KV	AIN 2
66	1	13	Eq1:pC13	DO 287-GO 14	1	3	3	Eq2:E-Stat Ua	AIN 3
66	1	14	Eq1:pC14	DO 288-GO 14	1	3	4	Eq2:E-Stat KV	AIN 4
66	1		Eq1:pC15	DO 289-GO 14	66	1	1	Eq1:Bear Air OK	AIN 5
66	1	16	Eq1:pC16	DO 290-GO 14	66	1	3	Eq1:Bell Speed Feedback	AIN 6
66	1	17	Eq1:pC17	DO 291-GO 15	66	2	1	Eq2:Bear Air OK	AIN 7
66	1	18	Eq1:pC18	DO 292-GO 15	66	2	3	Eq2:Bell Speed Feedback	AIN 8
66	1	19	Eq1:pC19	DO 293-GO 15	66	1	2	Eq1:DQ Manifold Pressure	AIN 9
66	1	20	Eq1:pC20	DO 294-GO 15	66	2	2	Eq2:DQ Manifold Pressure	AIN 10
66	1	21	Eq1:pC21	DO 295 -GO 15	66	1	4	Eq1:P1OP (Pump Outlet Pressure)	AIN 11
66	1	22	Eq1:pC22	DO 296 -GO 15	66	2	4	Eq2:P1OP (Pump Outlet Pressure)	AIN 12
66	1	23	Eq1:pC23	DO 297 -GO 15					
66	1	24	Eq1:pC24	DO 298 -GO 15					
			5 4 5 0 4 HV OV	DO 007					
1	1	1	Eq1:E-Stat HV ON	DO 307					
1	1	2	Eq1:E-Stat Step B0	DO 308 -GO 22					
1	1	3	Eq1:E-Stat Step B1	DO 309 -GO 22					
1	1	4	Eq1:E-Stat Step B2	DO 310-GO 22					
4	0	0	Fat ACVA (Applicator Clasper Vesture Air)	DO 214					
1	2	8	Eq1:ACVA (Applicator Cleaner Vacuum Air)	DO 314					
66	1	11	Eq1:DO Command R0	DO 215 CO 24					
66	1	41	Eq1:DQ Command B1	DO 315 -GO 24					
66	1		Eq1:DQ Command B1	DO 316 -GO 24					
66	1	43	Eq1:DQ Command B2	DO 317 -GO 24					
66	1	44	Eq1:DQ Command B3	DO 318 -GO 24					
66	1		Eq1:DQ Command B4	DO 319 -GO 24					
66	1	46	Eq1:DQ Command B5	DO 320 -GO 24					
66	1		Eq1:DQ Command B6	DO 321 -GO 24					
66	1	48	Eq1:DQ Command B7	DO 322 -GO 24					
00		0.4	Egg:nTDIC Trigger	DO 225					
66	1	81	Eq2:pTRIG - Trigger	DO 385					
66	1		Eq2:BRAKE - Turbine Brake	DO 386					
66	1		Eq2:pPE - Paint Enable	DO 387-GO 17					
66	1		Eq2:pIW - Injector Wash	DO 388-GO 17					
66	1		Eq2:pBW - Bell Wash	DO 389-GO 17					
66			Eq2:pSOL - Purge Solvent	DO 390-GO 17					
66	1	87	Eq2:pAIR - Purge Air	DO 391-GO 17					
66	1		Eq2:pCC - Purge Color Changer	DO 392-GO 17					
66	1	89	Eq2:pDUMP – Dump	DO 393-GO 17					
66	1	90	Eq2:pFLUSH - Pump Flush	DO 394-GO 17					
66	1		Eq2:pSEAL - Seal Air	DO 395-GO 17					
66	1	92	Eq2:pDUMP2 - Dump #2	DO 396-GO 17					

PaintTool I/O Layout Project No: Rev:1.1

Project Name: V6.31-1 Date: 9-March-04

25

			•	•				
							_	
1	2	14	Eq2:ACA	DO 401				
1	2		Eq2:pACS	DO 402				
			4 1 2 2					
66	1	57	Eq2:pC1	DO 403-GO 18				
6	1		Eq2:pC2	DO 404-GO 18				
6	1	59	Eq2:pC3	DO 405-GO 18				
6	1		Eq2:pC4	DO 406-GO 18				
6	1		Eq2:pC5	DO 407-GO 18				
6	i	62	Eq2:pC6	DO 408-GO 18				
6	1	63	Eq2:pC7	DO 409-GO 18				
6	1	64	Eq2:pC8	DO 410-GO 18				
6	1	65	Eq2:pC9	DO 411-GO 18				
6	1	66	Eq2:pC10	DO 411-GO 18				
6	1		Eq2:pC11	DO 413-GO 18				
6	1		Eq2:pC12	DO 414-GO 18				
6	1	69	Eq2:pC13	DO 415-GO 18				
6	1		Eq2:pC14	DO 416-GO 18				
6	1	71	Eq2:pC15	DO 410-GO 18				
6			Eq2:pC16	DO 417-GO 18				
	1			DO 418-GO 18				
6	1		Eq2:pC17	DO 419-GO 19				
	1		Eq2:pC18					
6	1		Eq2:pC19	DO 421-GO 19				
6	1		Eq2:pC20	DO 422-GO 19				
6	1	77	Eq2:pC21	DO 423 -GO 19				
6	1	78	Eq2:pC22	DO 424 -GO 19				
6	1		Eq2:pC23	DO 425 -GO 19				
6	1	80	Eq2:pC24	DO 426 -GO 19				
	_		F-0-F 04-411V 0N	DO 405				
	2	9	Eq2:E-Stat HV ON	DO 435				
	2		Eq2:E-Stat Step B0	DO 436 -GO 23				
	2		Eq2:E-Stat Step B1	DO 437 -GO 23				
	2	12	Eq2:E-Stat Step B2	DO 438-GO 23				
	_		5 0 40 1/4 /4 /1 / 4 / 4 / 4 / 4 / 4 / 4 / 4 /	50.440				
1	2	16	Eq2:ACVA (Applicator Cleaner Vacuum Air)	DO 442				
_			5 0 0 0 100	DO 110 00 05				
6	1		Eq2:DQ Command B0	DO 443 -GO 25				
3	1		Eq2:DQ Command B1	DO 444 -GO 25				
6	1		Eq2:DQ Command B2	DO 445 -GO 25				
6	1		Eq2:DQ Command B3	DO 446 -GO 25				
6	1		Eq2:DQ Command B4	DO 447 -GO 25				
6	1		Eq2:DQ Command B5	DO 448 -GO 25				
6	1		Eq2:DQ Command B6	DO 449 -GO 25				
66	1	104	Eq2:DQ Command B7	DO 450 -GO 25		1		

Project Name: V6.31-1 Project No: Rev:1.1 Date: 9-March-04

26

### Profibus/Model A PROCESS I/O - Equipment #1 P-500 VersaBell II (IPC 1K - Single Metering )

Rack	Slot	Pnt	Description	Rob#	Rack	Slot	Pnt	Description	Rob#
			Digital Outputs					Digital Inputs	
66	1	25	Eg1:pTRIG - Trigger	DO 257	1	1	1	Eq1:E-Stat HV ON	DIN 257
66	1	26	Eq1:BRAKE - Turbine Brake	DO 258	1	1	2	Eq1:E-Stat Setpoint Reached	DIN 258
66	1	27	Eq1:pPE - Paint Enable	DO 259-GO 13	1	1	3	Eq1:E-Stat Warning	DIN 259
66	1	28	Eq1:pIW - Injector Wash	DO 260-GO 13	1	1	4	Eq1:E-Stat Fault	DIN 260
66	1	29	Eg1:pBW - Bell Wash	DO 261-GO 13	1	1	5	Eg1:E-Stat Check OK	DIN 261
66	1	30	Eg1:pSOL - Purge Solvent	DO 262-GO 13	1	1	6	Eq1:E-Stat Remote	DIN 262
66	1	31	Eq1:pAIR - Purge Air	DO 263-GO 13			U	Lq1.L-Stat Nemote	DIN 202
	1	32		DO 264-GO 13				Analog Outputs	
66			Eq1:pCC - Purge Color Changer		CC	4			AOUT 1
66	1	33	Eq1:pDUMP – Dump	DO 265-GO 13	66	1	1	Eq1:RIP (Regulator Inlet Pilot) Eq1:BSC (Bell Speed Transducer)	AOUT 1
66	1	34	Eq1:pFLUSH - Pump Flush	DO 266-GO 13	66	1	1	Eq1:BSC (Bell Speed Transducer)	AOUT 3
66	1	35	Eq1:pSEAL - Seal Air	DO 267-GO 13					
66	1	36	Eq1:pDUMP2 - Dump #2	DO 268-GO 13					
1	2	6	Eq1:ACA	DO 273					
1	2	7	Eq1:pACS	DO 274				Analog Inputs	
					1	3	1	Eq1:E-Stat Ua	AIN 1
66	1	1	Eq1:pC1	DO 275-GO 14	1	3	2	Eq1:E-Stat KV	AIN 2
66	1	2	Eq1:pC2	DO 276-GO 14	66	1	1	Eq1:Bear Air OK	AIN 5
				DO 277-GO 14		1	3	Eq1:Bell Speed Feedback	AIN 6
66	1	3	Eq1:pC3		66				
66	1	4	Eq1:pC4	DO 278-GO 14	66	1	2	Eq1:DQ Manifold Pressure	AIN 9
66	1	5	Eq1:pC5	DO 279-GO 14	66	1	4	Eq1:P1OP (Pump Outlet Pressure)	AIN 11
66	1	6	Eq1:pC6	DO 280-GO 14					
66	1	7	Eq1:pC7	DO 281-GO 14					
66	1	8	Eq1:pC8	DO 282-GO 14					
66	1	9	Eq1:pC9	DO 283-GO 14					
66	1	10	Eq1:pC10	DO 284-GO 14					
66	1	11	Eq1:pC11	DO 285-GO 14					
66	1	12	Eq1:pC12	DO 286-GO 14					
66	1	13	Eq1:pC13	DO 287-GO 14					
66	1	14	Eq1:pC14	DO 288-GO 14					
66	1		Eq1:pC15	DO 289-GO 14					
66	1	16	Eq1:pC16	DO 290-GO 14					
66	1	17	Eq1:pC17	DO 291-GO 15					
66	1	18	Eq1:pC18	DO 292-GO 15					
66	1	19	Eq1:pC19	DO 293-GO 15					
66	1	20	Eq1:pC20	DO 294-GO 15					
66	1	21	Eq1:pC21	DO 295 -GO 15					
66	1	22	Eq1:pC22	DO 296 -GO 15					
66	1	23	Eq1:pC23	DO 297 -GO 15					
66	1	24	Eq1:pC24	DO 298 -GO 15					
1	2	1	Eq1:E-Stat HV ON	DO 307					
1	2	2	Eg1:E-Stat Step B0	DO 308 -GO 22					
1	2	3	Eq1:E-Stat Step B1	DO 309 -GO 22					
1	2	4	Eq1:E-Stat Step B2	DO 310-GO 22					
		7	Lq1.L-Olal Olep B2	DO 310-GO 22					
4	0	0	Fat ACVA (Applicator Clasper Vacuum Air)	DO 214					
1	2	8	Eq1:ACVA (Applicator Cleaner Vacuum Air)	DO 314					
00		4.4	F-1-D0 0	DO 045 00 04					
66	1	41	Eq1:DQ Command B0	DO 315 -GO 24					
66	1	42	Eq1:DQ Command B1	DO 316 -GO 24					
66	1	43	Eq1:DQ Command B2	DO 317 -GO 24					
66	1	44	Eq1:DQ Command B3	DO 318 -GO 24					
66	1	45	Eq1:DQ Command B4	DO 319 -GO 24					
66	1	46	Eq1:DQ Command B5	DO 320 -GO 24					
66	1	47	Eq1:DQ Command B6	DO 321 -GO 24					
66	1		Eq1:DQ Command B7	DO 322 -GO 24					
50		.0		_ 0 011 GO 17					

PaintTool I/O Layout ject No: Rev:1.1

Project Name: V6.31-1 Project No: Date: 9-March-04 27

### Profibus/Model A PROCESS I/O - Equipment #2 P-500 VersaBell II (IPC 1K – Single Metering )

Rack	Slot	Pnt	Description	Rob#	Rack	Slot	Pnt	Description	Rob#
riadit	Olot		Digital Outputs	1100 11	ridore	Olot		Digital Inputs	1100 11
66	1	81	Eq2:pTRIG – Trigger	DO 385	1	1	9	Eg2:E-Stat HV ON	DIN 385
66	1		Eq2:BRAKE - Turbine Brake	DO 386	1	1	10	Eq2:E-Stat Setpoint Reached	DIN 386
66	1		Eg2:pPE - Paint Enable	DO 387-GO 17	1	1		Eq2:E-Stat Warning	DIN 387
66	1		Eg2:pIW - Injector Wash	DO 388-GO 17	1	1		Eq2:E-Stat Fault	DIN 388
66	1		Eg2:pBW - Bell Wash	DO 389-GO 17	1	1		Eq2:E-Stat Check OK	DIN 389
66	1		Eq2:pSOL - Purge Solvent	DO 390-GO 17	1	1		Eg2:E-Stat Remote	DIN 390
66	1		Eq2:pAIR - Purge Air	DO 391-GO 17		•	17	Lqz.L otal Homoto	Dii 4 030
66	1		Eq2:pCC - Purge Color Changer	DO 392-GO 17				Analog Outputs	
66	1		Eq2:pDUMP – Dump	DO 393-GO 17	66	2	1	Eq2:RIP (Regulator Inlet Pilot)	AOUT 2
66	1		Eq2:pFLUSH - Pump Flush	DO 394-GO 17	66	2		Eq2:BSC (Bell Speed Transducer)	AOUT 4
66	1		Eg2:pSEAL - Seal Air	DO 394-GO 17 DO 395-GO 17	00			Lqz.b30 (bell Speed Transducer)	A0014
66	1		Eq2:pDUMP2 - Dump #2	DO 396-GO 17					
00	- '	92	Eqz.pDOMF2 - Dullip #2	DO 396-GO 17					
4	2	1.4	Eg2:ACA	DO 401					
1								Analan Innuta	
1	2	15	Eq2:pACS	DO 402		_	_	Analog Inputs	AINLO
			5 o 04	50 400 00 40	1	3	3	Eq2:E-Stat Ua	AIN 3
66	1		Eq2:pC1	DO 403-GO 18	1	3		Eq2:E-Stat KV	AIN 4
66	1		Eq2:pC2	DO 404-GO 18	66	2		Eq2:Bear Air OK	AIN 7
66	1		Eq2:pC3	DO 405-GO 18	66	2		Eq2:Bell Speed Feedback	AIN 8
66	1		Eq2:pC4	DO 406-GO 18	66	2		Eq2:DQ Manifold Pressure	AIN 10
66	1		Eq2:pC5	DO 407-GO 18	66	2	4	Eq2:P1OP (Pump Outlet Pressure)	AIN 12
66	1		Eq2:pC6	DO 408-GO 18					
66	1	63	Eq2:pC7	DO 409-GO 18					
66	1	64	Eq2:pC8	DO 410-GO 18					
66	1	65	Eq2:pC9	DO 411-GO 18					
66	1	66	Eq2:pC10	DO 412-GO 18					
66	1	67	Eq2:pC11	DO 413-GO 18					
66	1		Eq2:pC12	DO 414-GO 18					
66	1		Eq2:pC13	DO 415-GO 18					
66	1		Eq2:pC14	DO 416-GO 18					
66	1		Eq2:pC15	DO 417-GO 18					
66	1		Eq2:pC16	DO 418-GO 18					
66	1		Eq2:pC17	DO 419-GO 19					
66	1		Eq2:pC18	DO 420-GO 19					
66	1		Eq2:pC19	DO 421-GO 19					
66	1		Eg2:pC20	DO 422-GO 19					
66	1		Eq2:pC21	DO 423 -GO 19					
66	1		Eq2:pC22	DO 424 -GO 19					
66	1		Eq2:pC23	DO 425 -GO 19					
66	1		Eq2:pC24	DO 426 -GO 19					
00		00	_q_,p_2_	20 420 -00 19					
1	2	9	Eg2:E-Stat HV ON	DO 435					
1	2		Eq2:E-Stat Step B0	DO 436 -GO 23					
1	2		Eg2:E-Stat Step B1	DO 436 -GO 23					
1	2		Eq2:E-Stat Step B2	DO 437 -GO 23					
	۷	12	Eqz.E-Stat Step B2	DO 430-GO 23					
4	_	10	Egg: ACVA (Applicator Classer Vascuum Ain)	DO 440					
1	2	16	Eq2:ACVA (Applicator Cleaner Vacuum Air)	DO 442					
0.0		0-	F 0 D0 0 LD0	DO 440 CO 55					
66	1		Eq2:DQ Command B0	DO 443 -GO 25					
66	1		Eq2:DQ Command B1	DO 444 -GO 25					
66	1		Eq2:DQ Command B2	DO 445 -GO 25					
66	1		Eq2:DQ Command B3	DO 446 -GO 25					
66	1		Eq2:DQ Command B4	DO 447 -GO 25					
66	1		Eq2:DQ Command B5	DO 448 -GO 25					
66	1	103	Eq2:DQ Command B6	DO 449 -GO 25					
66	1	104	Eq2:DQ Command B7	DO 450 -GO 25					
66	1	104	Eq2:DQ Command B7	DO 450 -GO 25					

Project Name: V6.31-1

Project No:

Date: 9-March-04

# Profibus/Model A PROCESS I/O - Equipment #1/2 P-500 VersaBell II (IPC 2K - Fixed/Variable Metering )

Box   1   25   Cat   Filic   Trigger   Cat   C	Rack	Slot	Pnt	Description	Rob#	Rack	Slot	Pnt	Description	Rob#
66   1   27   Fig. 19th Part — Part Environe Brake   DO 289   1   1   3   Eq. 15 Stat Set Setporn Reached   DN 289   DN 280   D				Digital Outputs					Digital Inputs	
60	66	1	25	Eq1:pTRIG – Trigger	DO 257	1	1	1	Eq1:E-Stat HV ON	DIN 257
88	66	1	26	Eq1:BRAKE – Turbine Brake	DO 258	1	1	2	Eq1:E-Stat Setpoint Reached	DIN 258
86	66	1	27	Eq1:pPE - Paint Enable	DO 259-GO 13	1	1	3	Eq1:E-Stat Warning	DIN 259
86						1				
88		1						5		
66									•	
66										5
66						1	1	q	Eg2:E-Stat HV ON	DIN 385
66   1   36   Eq.   pSPLAL - Pump Pisch   D.   28   Col.   3   Eq.   pSPLAL - Seal   PSPLAL - Catalyys Solvent   D.   27   Seal   PSPLAL - Catalyys Flush   D.   27   Seal   PSPLAL - Catalyys Flush   D.   27   Seal   PSPLAL - Catalyys Solvent   D.   27   Seal   PSPLAL - Catalyys Flush   D.   27   Seal   PSPLAL - Seal   PSPLAL - Catalyys Flush   D.   27   Seal   PSPLAL - Catalyys Flush   D.								-		
66 1 3 56 [ct] pSEAL - Seal Air										
50		-								
68										
68										
68   1   40   Eq.   1   20   Eq.   20   20   Eq.   20   E		1				1	1	14	Eq2:E-Stat Remote	DIN 390
66 1 1 2 6 Eq.1 ACA S DO 273-GO 13		1								
1										
1										
66										
66   1   2   Eqt-pit2	1	2	7	Eq1:pACS	DO 274					
66 1 3 6 Eq. 1972 DO 325-00 11						66	2	2	Eq2:BSC (Bell Speed Transducer)	AOUT 4
Be   1   3   Eq1;pC1	66	1	1	Eq1:pH1	DO 324-GO 11	66	1	3	Eq1:CIP (Catalyst Regulator Inlet Pilot)	AOUT 5
Be   1   3   Eq1;pC1		1								
66 1 5 5 Eq1:p33		1		• •					, , , , , , , , , , , , , , , , , , , ,	
Section   Sect										
66   1		1								
February		1								
Section   Sect										
1   3   2   Eqt:Estat by   AlN 1									Analan Innuta	
	ОО	1	g	Eq1.p06	DO 280-GO 14		0	4		AINL 4
1										
1						-				
						1	3	3	Eq2:E-Stat Ua	AIN 3
						1	3	4	Eg2:E-Stat KV	AIN 4
A										
All 1										
All No.   All										
1										
1										
1						66	1	4	Eq1:P1OP (Resin Pump Outlet Pressure)	AIN 11
1       2       1       Eq1:E-Stat HV ON       DO 307       66       2       5       Eq2:P2OP (Catalsyt Pump Outlet Pressure)       AIN 14         1       2       3       Eq1:E-Stat Step B1       DO 309-GO 22       DO 310-GO 22       DO 314-GO 24       DO 314-GO 24       DO 315-GO 24       DO 315-GO 24       DO 315-GO 24       DO 316-GO 24       DO 318-GO 24						66	2	4	Eq2:P1OP (Resin Pump Outlet Pressure)	AIN 12
1       2       1       Eq1:E-Stat HV ON       DO 307       66       2       5       Eq2:P2OP (Catalsyt Pump Outlet Pressure)       AIN 14         1       2       3       Eq1:E-Stat Step B1       DO 309-GO 22       DO 310-GO 22       DO 314-GO 24       DO 314-GO 24       DO 315-GO 24       DO 315-GO 24       DO 315-GO 24       DO 316-GO 24       DO 318-GO 24						66	1	5	Eq1:P2OP (Catalyst Pump Outlet Pressure)	AIN 13
1       2       2       Eqt:E-Stat Step B0       DO 308-GO 22         1       2       3       Eqt:E-Stat Step B1       DO 309-GO 22         1       2       4       Eqt:E-Stat Step B2       DO 310-GO 22         1       2       8       Eqt:DO Command B0       DO 316-GO 24         66       1       41       Eqt:DO Command B1       DO 316-GO 24         66       1       42       Eqt:DO Command B1       DO 316-GO 24         66       1       43       Eqt:DO Command B3       DO 318-GO 24         66       1       45       Eqt:DO Command B3       DO 318-GO 24         66       1       45       Eqt:DO Command B5       DO 320-GO 24         66       1       46       Eqt:DO Command B5       DO 320-GO 24         66       1       47       Eqt:DO Command B6       DO 321-GO 24         66       1       48       Eqt:DO Command B7       DO 322-GO 24         66       1       48       Eqt:DO Command B7       DO 322-GO 24         66       1       81       Eq2:PRIG - Trigger       DO 386-GO 17         66       1       82       Eq2:PRIG - Trigger       DO 386-GO 17         66       1 <td>1</td> <td>2</td> <td>1</td> <td>Eq1:E-Stat HV ON</td> <td>DO 307</td> <td>66</td> <td>2</td> <td></td> <td></td> <td>AIN 14</td>	1	2	1	Eq1:E-Stat HV ON	DO 307	66	2			AIN 14
1       2       3       Eq1:E-Stat Step B1       DO 309 -GO 22         1       2       4       Eq1:E-Stat Step B2       DO 310-GO 22         1       2       8       Eq1:ACVA (Applicator Cleaner Vacuum Air)       DO 314         66       1       41       Eq1:DQ Command B0       DO 315 - GO24         66       1       42       Eq1:DQ Command B1       DO 316 - GO24         66       1       43       Eq1:DQ Command B2       DO 317 - GO24         66       1       44       Eq1:DQ Command B3       DO 318 - GO24         66       1       46       Eq1:DQ Command B4       DO 319 - GO24         66       1       46       Eq1:DQ Command B5       DO 320 - GO24         66       1       46       Eq1:DQ Command B6       DO 321 - GO24         66       1       48       Eq1:DQ Command B7       DO 322 - GO24         66       1       48       Eq2:DR TIG - Trigger       DO 385         66       1       81       Eq2:PR - Paint Enable       DO 387 - GO 17         66       1       82       Eq2:PB - Paint Enable       DO 387 - GO 17         66       1       85       Eq2:PB - Paint Enable       DO 380 - GO 17					DO 308 -GO 22				, ( , , , , , , , , , , , , , , , , , ,	
1       2       4       Eq1:E-Stat Step B2       DO 310-GO 22         1       2       8       Eq1:ACVA (Applicator Cleaner Vacuum Air)       DO 314         66       1       41       Eq1:DQ Command B0       DO 315 - GO24         66       1       42       Eq1:DQ Command B1       DO 316 - GO24         66       1       43       Eq1:DQ Command B2       DO 317 - GO24         66       1       44       Eq1:DQ Command B3       DO 318 - GO24         66       1       45       Eq1:DQ Command B5       DO 320 - GO24         66       1       46       Eq1:DQ Command B5       DO 321 - GO24         66       1       47       Eq1:DQ Command B7       DO 322 - GO24         66       1       48       Eq1:DQ Command B7       DO 385         66       1       48       Eq1:DQ Command B7       DO 386         66       1       81       Eq2:PRIG - Trigger       DO 385         66       1       82       Eq2:PRIG - Trigger       DO 386         66       1       83       Eq2:PRIG - Wash       DO 386-017         66       1       85       Eq2:PBW-BI Wash       DO 389-G0 17         66       1										
1 2 8 Eq1:ACVA (Applicator Cleaner Vacuum Air) DO 314 66 1 41 Eq1:DQ Command B0 DO 315 - GQ24 66 1 42 Eq1:DQ Command B1 DO 316 - GQ24 66 1 43 Eq1:DQ Command B2 DO 317 - GQ24 66 1 44 Eq1:DQ Command B4 DO 319 - GQ24 66 1 46 Eq1:DQ Command B4 DO 319 - GQ24 66 1 46 Eq1:DQ Command B5 DO 320 - GQ24 66 1 46 Eq1:DQ Command B6 DO 320 - GQ24 66 1 48 Eq1:DQ Command B6 DO 322 - GQ24 66 1 48 Eq1:DQ Command B7 DO 322 - GQ24 66 1 82 Eq2:BRAKE - Turbine Brake DO 386 66 1 82 Eq2:BRAKE - Turbine Brake DO 386 66 1 83 Eq2:DPE - Paint Enable DO 387-GO 17 66 1 85 Eq2:DBV - Bigli Wash DO 389-GO 17 66 1 86 Eq2:DSQ - Purge Solvent DO 380-GO 17 66 1 87 Eq2:DAIR - Purge Air DO 381-GO 17 66 1 88 Eq2:DAIR - Purge Air DO 381-GO 17 66 1 89 Eq2:DAIR - Purge Air DO 381-GO 17 66 1 89 Eq2:DAIR - Purge Air DO 381-GO 17 66 1 89 Eq2:DAIR - Purge Air DO 381-GO 17 66 1 90 Eq2:DELSH - Pump Flush DO 383-GO 17 66 1 90 Eq2:DELSH - Pump Flush DO 383-GO 17 66 1 90 Eq2:DELSH - Seal Air DO 395-GO 17 66 1 91 Eq2:DSEAL - Seal Air DO 395-GO 17 66 1 92 Eq2:DDIMP - Dump DO 393-GO 17 66 1 92 Eq2:DDIMP - Dump DO 393-GO 17 66 1 93 Eq2:DDIMP - Dump DO 393-GO 17 66 1 94 Eq2:DDIMP - Dump DO 393-GO 17 66 1 95 Eq2:DELSH - Seal Air DO 395-GO 17 66 1 96 Eq2:DELSH - Air/Solvent Enable DO 397-GO 17 66 1 96 Eq2:DELSH - Air/Solvent DO 398-GO 17 66 1 96 Eq2:DELSH - Air/Solvent DO 398-GO 17 66 1 96 Eq2:DELSH - Air/Solvent DO 398-GO 17 66 1 96 Eq2:DELSH - Air/Solvent DO 398-GO 17 66 1 96 Eq2:DELSH - Air/Solvent DO 398-GO 17										
66		2	4	Lyr.L-Stat Step b2	DO 310-GO 22					
66										
66										
66 1 42 Eq1:DQ Command B1 DO 316 - GO24 66 1 44 Eq1:DQ Command B2 DO 317 - GO24 66 1 45 Eq1:DQ Command B3 DO 318 - GO24 66 1 45 Eq1:DQ Command B4 DO 319 - GO24 66 1 46 Eq1:DQ Command B5 DO 320 - GO24 66 1 47 Eq1:DQ Command B6 DO 321 - GO24 66 1 48 Eq1:DQ Command B6 DO 321 - GO24 66 1 48 Eq1:DQ Command B7 DO 322 - GO24 66 1 81 Eq2:DTRIG - Trigger DO 385 66 1 82 Eq2:BRAKE - Turbine Brake DO 386 66 1 82 Eq2:BRAKE - Turbine Brake DO 387 - GO 17 66 1 85 Eq2:PBW - Bell Wash DO 388 - GO 17 66 1 86 Eq2:PSW - Bell Wash DO 389 - GO 17 66 1 87 Eq2:DSLP - Purge Solvent DO 390 - GO 17 66 1 88 Eq2:PSC - Purge Color Changer DO 392 - GO 17 66 1 88 Eq2:DC - Purge Color Changer DO 393 - GO 17 66 1 90 Eq2:PSCLP - Dump DD DO 393 - GO 17 66 1 91 Eq2:PSCLP - Dump Flush DO 396 - GO 17 66 1 92 Eq2:PSUM - Dump DO 393 - GO 17 66 1 92 Eq2:PSUMP - Dump DO 393 - GO 17 66 1 93 Eq2:PSCLP - Dump Flush DO 396 - GO 17 66 1 94 Eq2:PSCLP - Dump #2 66 1 95 Eq2:PSUMS - Air/Solvent Enable DO 397 - GO 17 66 1 94 Eq2:PSUMS - Air/Solvent Enable DO 398 - GO 17 66 1 95 Eq2:PSUMS - Air/Solvent Enable DO 397 - GO 17 66 1 95 Eq2:PSUMS - Air/Solvent Enable DO 399 - GO 17 66 1 96 Eq2:PSULS - Catalyst Flush DO 400 - GO 17	1	2	8	Eq1:ACVA (Applicator Cleaner Vacuum Air)	DO 314					
66 1 42 Eq1:DQ Command B1 DO 316 - GO24 66 1 44 Eq1:DQ Command B2 DO 317 - GO24 66 1 45 Eq1:DQ Command B3 DO 318 - GO24 66 1 45 Eq1:DQ Command B4 DO 319 - GO24 66 1 46 Eq1:DQ Command B5 DO 320 - GO24 66 1 47 Eq1:DQ Command B6 DO 321 - GO24 66 1 48 Eq1:DQ Command B6 DO 321 - GO24 66 1 48 Eq1:DQ Command B7 DO 322 - GO24 66 1 81 Eq2:DTRIG - Trigger DO 385 66 1 82 Eq2:BRAKE - Turbine Brake DO 386 66 1 82 Eq2:BRAKE - Turbine Brake DO 387 - GO 17 66 1 85 Eq2:PBW - Bell Wash DO 388 - GO 17 66 1 86 Eq2:PSW - Bell Wash DO 389 - GO 17 66 1 87 Eq2:DSLP - Purge Solvent DO 390 - GO 17 66 1 88 Eq2:PSC - Purge Color Changer DO 392 - GO 17 66 1 88 Eq2:DC - Purge Color Changer DO 393 - GO 17 66 1 90 Eq2:PSCLP - Dump DD DO 393 - GO 17 66 1 91 Eq2:PSCLP - Dump Flush DO 396 - GO 17 66 1 92 Eq2:PSUM - Dump DO 393 - GO 17 66 1 92 Eq2:PSUMP - Dump DO 393 - GO 17 66 1 93 Eq2:PSCLP - Dump Flush DO 396 - GO 17 66 1 94 Eq2:PSCLP - Dump #2 66 1 95 Eq2:PSUMS - Air/Solvent Enable DO 397 - GO 17 66 1 94 Eq2:PSUMS - Air/Solvent Enable DO 398 - GO 17 66 1 95 Eq2:PSUMS - Air/Solvent Enable DO 397 - GO 17 66 1 95 Eq2:PSUMS - Air/Solvent Enable DO 399 - GO 17 66 1 96 Eq2:PSULS - Catalyst Flush DO 400 - GO 17	66	1	41	Eq1:DQ Command B0	DO 315 - GO24					
66         1         43         Eq1:DQ Command B3         DO 318 - G024           66         1         44         Eq1:DQ Command B3         DO 318 - G024           66         1         45         Eq1:DQ Command B4         DO 319 - G024           66         1         46         Eq1:DQ Command B5         DO 320 - G024           66         1         47         Eq1:DQ Command B6         DO 321 - G024           66         1         48         Eq1:DQ Command B7         DO 322 - G024           66         1         82         Eq2:BRAKE - Turbine Brake         DO 385           66         1         82         Eq2:BRAKE - Turbine Brake         DO 386           61         1         83         Eq2:PB - Paint Enable         DO 387-G0 17           66         1         84         Eq2:PBW - Bell Wash         DO 388-G0 17           66         1         85         Eq2:PBW - Bell Wash         DO 389-G0 17           66         1         87         Eq2:PSOL - Purge Solvent         DO 390-G0 17           66         1         87         Eq2:PDIMP - Dump         DO 391-G0 17           66         1         89         Eq2:PDIMP - Dump         DO 395-G0 17 <t< td=""><td></td><td></td><td>42</td><td>Eq1:DQ Command B1</td><td>DO 316 - GO24</td><td></td><td></td><td></td><td></td><td></td></t<>			42	Eq1:DQ Command B1	DO 316 - GO24					
66       1       44       Eq1:DQ Command B3       DO 318 - GO24         66       1       45       Eq1:DQ Command B4       DO 320 - GO24         66       1       47       Eq1:DQ Command B6       DO 321 - GO24         66       1       48       Eq1:DQ Command B7       DO 322 - GO24         66       1       48       Eq1:DQ Command B7       DO 385         66       1       82       Eq2:DTRIG - Trigger       DO 386         66       1       83       Eq2:DPE - Paint Enable       DO 386         66       1       84       Eq2:DPE - Paint Enable       DO 387-GO 17         66       1       84       Eq2:DPW - Injector Wash       DO 388-GO 17         66       1       85       Eq2:DSUP - Paint Enable       DO 389-GO 17         66       1       86       Eq2:DSU - Purge Solvent       DO 390-GO 17         66       1       87       Eq2:DSU - Purge Solvent       DO 391-GO 17         66       1       88       Eq2:DC - Purge Color Changer       DO 391-GO 17         66       1       89       Eq2:DUMP - Dump       DO 393-GO 17         66       1       90       Eq2:DFLUSH - Pump Flush       DO 394-GO 17	66	1								
66         1         45         Eq1:DQ Command B4         DO 319 - GO24         Eq1:DQ Command B5         DO 320 - GO24         Eq1:DQ Command B5         DO 321 - GO24         Eq1:DQ Command B5         DO 321 - GO24         Eq1:DQ Command B7         DO 322 - GO24         Eq1:DQ Command B7         Eq1:DQ Command B7         DO 322 - GO24         Eq1:DQ Command B7         Eq1:DQ Command B7         DO 322 - GO24         Eq1:DQ Command B7         Eq2:DQ COMMAND BY         Eq2:DQ COMMAND BY         Eq2:DQ DA7		1								
66       1       46       Eq1:DQ Command B5       DO 320 - GO24         66       1       47       Eq1:DQ Command B6       DO 321 - GO24         66       1       48       Eq1:DQ Command B7       DO 322 - GO24         66       1       81       Eq2:pTRIG - Trigger       DO 385         66       1       82       Eq2:pBRAKE - Turbine Brake       DO 386         66       1       83       Eq2:pPE - Paint Enable       DO 387-GO 17         66       1       84       Eq2:pIW - Injector Wash       DO 389-GO 17         66       1       85       Eq2:pBW - Bell Wash       DO 399-GO 17         66       1       86       Eq2:pSOL - Purge Solvent       DO 390-GO 17         66       1       87       Eq2:pAIR - Purge Air       DO 391-GO 17         66       1       89       Eq2:pDUMP - Dump       DO 393-GO 17         66       1       90       Eq2:pELUSH - Pump Flush       DO 394-GO 17         66       1       91       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         66       1       92       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         66       1       93       Eq2:pCAT - Catalyst Enable       DO 398-GO 17										
66       1       47       Eq1:DQ Command B6       DO 321 - GO24         66       1       81       Eq2:pTRIG - Trigger       DO 385         66       1       82       Eq2:BRAKE - Turbine Brake       DO 386         66       1       82       Eq2:pPE - Paint Enable       DO 387-GO 17         66       1       84       Eq2:pBW - Injector Wash       DO 388-GO 17         66       1       85       Eq2:pBW - Bell Wash       DO 389-GO 17         66       1       86       Eq2:pAIR - Purge Air       DO 391-GO 17         66       1       87       Eq2:pDUMP - Dump       DO 392-GO 17         66       1       88       Eq2:pDUMP - Dump       DO 393-GO 17         66       1       90       Eq2:pDLUSH - Pump Flush       DO 394-GO 17         66       1       91       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         66       1       92       Eq2:pDUMP2 - Dump #2       DO 397-GO 17         66       1       93       Eq2:pCAT - Catalyst Enable       DO 399-GO 17         66       1       94       Eq2:pSOL2 - Catalyst Solvent       DO 399-GO 17         66       1       95       Eq2:pSLS-A - Air/Solvent Enable       DO 399-G										
66       1       48       Eq1:DQ Command B7       DO 322 - GO24         66       1       81       Eq2:pTRIG – Trigger       DO 385         66       1       82       Eq2:BRAKE - Turbine Brake       DO 386         66       1       83       Eq2:pPE - Paint Enable       DO 387-GO 17         66       1       84       Eq2:pW - Injector Wash       DO 388-GO 17         66       1       85       Eq2:pSOL - Purge Solvent       DO 390-GO 17         66       1       86       Eq2:pSOL - Purge Air       DO 391-GO 17         66       1       88       Eq2:pCC - Purge Color Changer       DO 392-GO 17         66       1       89       Eq2:pCLUSH - Pump Flush       DO 393-GO 17         66       1       90       Eq2:pDUMP - Dump       DO 394-GO 17         66       1       91       Eq2:pDUMP - Dump #2       DO 396-GO 17         66       1       92       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         66       1       93       Eq2:pCAT - Catalyst Enable       DO 397-GO 17         66       1       94       Eq2:pSOL2 - Catalyst Solvent       DO 399-GO 17         66       1       95       Eq2:pSOL2 - Catalyst Solvent										
66 1 81 Eq2:pTRIG – Trigger DO 385 66 1 82 Eq2:pRAKE - Turbine Brake DO 386 66 1 83 Eq2:pPE - Paint Enable DO 387-GO 17 66 1 85 Eq2:pBW - Bell Wash DO 389-GO 17 66 1 86 Eq2:pSOL - Purge Solvent DO 390-GO 17 66 1 87 Eq2:pAIR - Purge Air DO 391-GO 17 66 1 88 Eq2:pCO - Purge Color Changer DO 392-GO 17 66 1 88 Eq2:pDUMP – Dump DO 393-GO 17 66 1 90 Eq2:pSEAL - Seal Air DO 395-GO 17 66 1 91 Eq2:pSEAL - Seal Air DO 395-GO 17 66 1 92 Eq2:pDUMP2 – Dump #2 66 1 93 Eq2:pCURP2 – Dump #2 66 1 94 Eq2:pSOL3 – Catalyst Enable DO 399-GO 17 66 1 95 Eq2:pSOL4 – Catalyst Flush DO 399-GO 17 66 1 96 Eq2:pSOL5 – Catalyst Flush DO 399-GO 17 66 1 97 Eq2:pSOL5 – Catalyst Flush DO 399-GO 17 66 1 97 Eq2:pSOL5 – Catalyst Flush DO 399-GO 17 66 1 97 Eq2:pSOL5 – Catalyst Flush DO 399-GO 17 66 1 97 Eq2:pSOL5 – Catalyst Flush DO 400-GO 17										
66         1         82         Eq2:BRAKE - Turbine Brake         DO 386           66         1         83         Eq2:pPE - Paint Enable         DO 387-GO 17           66         1         84         Eq2:pIW - Injector Wash         DO 388-GO 17           66         1         85         Eq2:pBW - Bell Wash         DO 389-GO 17           66         1         86         Eq2:pSOL - Purge Solvent         DO 390-GO 17           66         1         87         Eq2:pAIR - Purge Air         DO 391-GO 17           66         1         88         Eq2:pCC - Purge Color Changer         DO 392-GO 17           66         1         89         Eq2:pDUMP - Dump         DO 393-GO 17           66         1         90         Eq2:pFLUSH - Pump Flush         DO 394-GO 17           66         1         91         Eq2:pSAL - Seal Air         DO 395-GO 17           66         1         92         Eq2:pDUMP2 - Dump #2         DO 396-GO 17           66         1         93         Eq2:pCAT - Catalyst Enable         DO 397-GO 17           66         1         94         Eq2:pWASH - Air/Solvent Enable         DO 399-GO 17           66         1         96         Eq2:pSOL2 - Catalyst Solvent	00		70	Eq 5 & Command D	50 022 - 0024					
66         1         82         Eq2:BRAKE - Turbine Brake         DO 386           66         1         83         Eq2:pPE - Paint Enable         DO 387-GO 17           66         1         84         Eq2:pIW - Injector Wash         DO 388-GO 17           66         1         85         Eq2:pBW - Bell Wash         DO 389-GO 17           66         1         86         Eq2:pSOL - Purge Solvent         DO 390-GO 17           66         1         87         Eq2:pAIR - Purge Air         DO 391-GO 17           66         1         88         Eq2:pCC - Purge Color Changer         DO 392-GO 17           66         1         89         Eq2:pDUMP - Dump         DO 393-GO 17           66         1         90         Eq2:pFLUSH - Pump Flush         DO 394-GO 17           66         1         91         Eq2:pSAL - Seal Air         DO 395-GO 17           66         1         92         Eq2:pDUMP2 - Dump #2         DO 396-GO 17           66         1         93         Eq2:pCAT - Catalyst Enable         DO 397-GO 17           66         1         94         Eq2:pWASH - Air/Solvent Enable         DO 399-GO 17           66         1         96         Eq2:pSOL2 - Catalyst Solvent										
66         1         82         Eq2:BRAKE - Turbine Brake         DO 386           66         1         83         Eq2:pPE - Paint Enable         DO 387-GO 17           66         1         84         Eq2:pIW - Injector Wash         DO 388-GO 17           66         1         85         Eq2:pBW - Bell Wash         DO 389-GO 17           66         1         86         Eq2:pSOL - Purge Solvent         DO 390-GO 17           66         1         87         Eq2:pAIR - Purge Air         DO 391-GO 17           66         1         88         Eq2:pCC - Purge Color Changer         DO 392-GO 17           66         1         89         Eq2:pDUMP - Dump         DO 393-GO 17           66         1         90         Eq2:pFLUSH - Pump Flush         DO 394-GO 17           66         1         91         Eq2:pSAL - Seal Air         DO 395-GO 17           66         1         92         Eq2:pDUMP2 - Dump #2         DO 396-GO 17           66         1         93         Eq2:pCAT - Catalyst Enable         DO 397-GO 17           66         1         94         Eq2:pWASH - Air/Solvent Enable         DO 399-GO 17           66         1         96         Eq2:pSOL2 - Catalyst Solvent	66	1	Ω1	Fg2:pTRIG - Trigger	DO 395					
66       1       83       Eq2:pPE - Paint Enable       DO 387-GO 17         66       1       84       Eq2:pIW - Injector Wash       DO 388-GO 17         66       1       85       Eq2:pBW - Bell Wash       DO 389-GO 17         66       1       86       Eq2:pSOL - Purge Solvent       DO 390-GO 17         66       1       87       Eq2:pBC - Purge Color Changer       DO 391-GO 17         66       1       88       Eq2:pCC - Purge Color Changer       DO 392-GO 17         66       1       89       Eq2:pDUMP - Dump       DO 393-GO 17         66       1       90       Eq2:pFLUSH - Pump Flush       DO 394-GO 17         66       1       91       Eq2:pSEAL - Seal Air       DO 395-GO 17         66       1       92       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         66       1       94       Eq2:pCAT - Catalyst Enable       DO 397-GO 17         66       1       94       Eq2:pSOL2 - Catalyst Solvent       DO 399-GO 17         66       1       96       Eq2:pSUSH2 - Catalyst Flush       DO 400-GO 17										
66 1 84 Eq2:pIW - Injector Wash DO 388-GO 17 66 1 85 Eq2:pBW - Bell Wash DO 399-GO 17 66 1 86 Eq2:pSOL - Purge Solvent DO 390-GO 17 66 1 87 Eq2:pCC - Purge Air DO 391-GO 17 66 1 88 Eq2:pCUPM - Dump DO 393-GO 17 66 1 90 Eq2:pDUMP - Dump DO 393-GO 17 66 1 91 Eq2:pSEAL - Seal Air DO 394-GO 17 66 1 92 Eq2:pDUMP2 - Dump #2 DO 396-GO 17 66 1 94 Eq2:pCMP - Air/Solvent Enable DO 397-GO 17 66 1 95 Eq2:pSOL2 - Catalyst Solvent DO 399-GO 17 66 1 96 Eq2:pSUSH2 - Catalyst Flush DO 399-GO 17 66 1 97 Eq2:pSUBM2 - Catalyst Solvent DO 399-GO 17 66 1 98 Eq2:pSUBM2 - Catalyst Solvent DO 399-GO 17 67 DO 399-GO 17 68 DO 399-GO 17 68 DO 399-GO 17 69 DO 399-GO 17 69 DO 399-GO 17 69 Eq2:pSUBM2 - Catalyst Flush DO 400-GO 17										
66 1 85 Eq2:pBW - Bell Wash DO 389-GO 17 66 1 86 Eq2:pSOL - Purge Solvent DO 390-GO 17 66 1 87 Eq2:pAll - Purge Air DO 391-GO 17 66 1 88 Eq2:pDUMP - Dump DO 393-GO 17 66 1 90 Eq2:pFLUSH - Pump Flush DO 394-GO 17 66 1 91 Eq2:pSEAL - Seal Air DO 395-GO 17 66 1 92 Eq2:pDUMP2 - Dump #2 DO 395-GO 17 66 1 92 Eq2:pDUMP2 - Dump #2 DO 396-GO 17 66 1 94 Eq2:pSEAL - Air/Solvent Enable DO 397-GO 17 66 1 95 Eq2:pSOL2 - Catalyst Solvent DO 399-GO 17 66 1 96 Eq2:pSUSH2 - Catalyst Flush DO 400-GO 17		1								
66       1       86       Eq2:pSOL - Purge Solvent       DO 390-GO 17         66       1       87       Eq2:pAIR - Purge Air       DO 391-GO 17         66       1       88       Eq2:pCC - Purge Color Changer       DO 392-GO 17         66       1       89       Eq2:pDUMP - Dump       DO 393-GO 17         66       1       90       Eq2:pFLUSH - Pump Flush       DO 394-GO 17         66       1       91       Eq2:pSEAL - Seal Air       DO 395-GO 17         66       1       92       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         66       1       93       Eq2:pCAT - Catalyst Enable       DO 397-GO 17         66       1       94       Eq2:pWASH - Air/Solvent Enable       DO 398-GO 17         66       1       95       Eq2:pSOL2 - Catalyst Solvent       DO 399-GO 17         66       1       96       Eq2:pFLUSH2 - Catalyst Flush       DO 400-GO 17		1		, , ,						
66 1 87 Eq2:pAIR - Purge Air DO 391-GO 17 66 1 88 Eq2:pCC - Purge Color Changer DO 392-GO 17 66 1 89 Eq2:pDUMP – Dump DO 393-GO 17 66 1 90 Eq2:pFLUSH - Pump Flush DO 394-GO 17 66 1 91 Eq2:pSEAL - Seal Air DO 395-GO 17 66 1 92 Eq2:pDUMP2 – Dump #2 DO 396-GO 17 66 1 93 Eq2:pCAT – Catalyst Enable DO 397-GO 17 66 1 94 Eq2:pWASH – Air/Solvent Enable DO 398-GO 17 66 1 95 Eq2:pSOL2 – Catalyst Solvent DO 399-GO 17 66 1 96 Eq2:pFLUSH2 – Catalyst Flush DO 400-GO 17		1								
66 1 88 Eq2:pCC - Purge Color Changer DO 392-GO 17 66 1 89 Eq2:pDUMP – Dump DO 393-GO 17 66 1 90 Eq2:pFLUSH - Pump Flush DO 394-GO 17 66 1 91 Eq2:pSEAL - Seal Air DO 395-GO 17 66 1 92 Eq2:pUMP2 – Dump #2 DO 396-GO 17 66 1 93 Eq2:pCMF2 – Catalyst Enable DO 397-GO 17 66 1 94 Eq2:pWASH – Air/Solvent Enable DO 398-GO 17 66 1 95 Eq2:pSOL2 – Catalyst Solvent DO 399-GO 17 66 1 96 Eq2:pFLUSH2 – Catalyst Flush DO 400-GO 17	66	1	86		DO 390-GO 17					
66 1 88 Eq2:pCC - Purge Color Changer DO 392-GO 17 66 1 89 Eq2:pDUMP – Dump DO 393-GO 17 66 1 90 Eq2:pFLUSH - Pump Flush DO 394-GO 17 66 1 91 Eq2:pSEAL - Seal Air DO 395-GO 17 66 1 92 Eq2:pUMP2 – Dump #2 DO 396-GO 17 66 1 93 Eq2:pCMF2 – Catalyst Enable DO 397-GO 17 66 1 94 Eq2:pWASH – Air/Solvent Enable DO 398-GO 17 66 1 95 Eq2:pSOL2 – Catalyst Solvent DO 399-GO 17 66 1 96 Eq2:pFLUSH2 – Catalyst Flush DO 400-GO 17	66	1	87	Eq2:pAIR - Purge Air	DO 391-GO 17					
66 1 89 Eq2:pDUMP – Dump DO 393-GO 17 66 1 91 Eq2:pSEAL - Seal Air DO 395-GO 17 66 1 92 Eq2:pDUMP2 – Dump #2 DO 396-GO 17 66 1 92 Eq2:pDUMP2 – Dump #2 DO 397-GO 17 66 1 94 Eq2:pWASH – Air/Solvent Enable DO 398-GO 17 66 1 95 Eq2:pSOL2 – Catalyst Solvent DO 399-GO 17 66 1 96 Eq2:pFLUSH2 – Catalyst Flush DO 400-GO 17		1								
66 1 91 Eq2:pFLUSH - Pump Flush DO 394-GO 17 66 1 92 Eq2:pDUMP2 - Dump #2 DO 396-GO 17 66 1 92 Eq2:pDUMP2 - Dump #2 DO 397-GO 17 66 1 94 Eq2:pWASH - Air/Solvent Enable DO 398-GO 17 66 1 95 Eq2:pSOL2 - Catalyst Solvent DO 399-GO 17 66 1 96 Eq2:pFLUSH2 - Catalyst Flush DO 400-GO 17		1								
66		1								
66     1     92     Eq2:pDUMP2 – Dump #2     DO 396-GO 17       66     1     93     Eq2:pCAT – Catalyst Enable     DO 397-GO 17       66     1     94     Eq2:pWASH – Air/Solvent Enable     DO 398-GO 17       66     1     95     Eq2:pSOL2 – Catalyst Solvent     DO 399-GO 17       66     1     96     Eq2:pFLUSH2 – Catalyst Flush     DO 400-GO 17		1								
66     1     93     Eq2:pCAT – Catalyst Enable     DO 397-GO 17       66     1     94     Eq2:pWASH – Air/Solvent Enable     DO 398-GO 17       66     1     95     Eq2:pSOL2 – Catalyst Solvent     DO 399-GO 17       66     1     96     Eq2:pFLUSH2 – Catalyst Flush     DO 400-GO 17		1								
66		1								
66		١								
66   1   96   Eq2:pFLUSH2 – Catalyst Flush   DO 400-GO 17		1								
		1								
1   2   14  Eq2:ACA   DO 401		1								
	1	2	14	Eq2:ACA	DO 401					

PaintTool I/O Layout Project No: Rev:1.1

Project Name: V6.31-1

Date: 9-March-04

1	2	15	Eq2:pACS	DO 402				
66	1	57	Eq2:pH1	DO 452-GO 12				
66	1		Eq2:pH2	DO 453-GO 12				
66	1		Eq2:pC1	DO 403-GO 18				
66	1		Eq2:pC2	DO 404-GO 18				
66	1		Eq2:pC3	DO 405-GO 18				
66	1		Eq2:pC4	DO 406-GO 18				
66	1		Eq2:pC5	DO 407-GO 18				
66	1		Eq2:pC6	DO 408-GO 18				
1	2	a	Eq2:E-Stat HV ON	DO 435				
1	2		Eq2:E-Stat TV ON Eq2:E-Stat Step B0	DO 436 - GO23				
1	2		Eq2:E-Stat Step B1	DO 430 - GO23				
1	2		Eq2:E-Stat Step B2	DO 437 - GO23				
•	_	12	Eq2.E otal otop B2	DO 400 GO20				
1	2	16	Eq2:ACVA (Applicator Cleaner Vacuum Air)	DO 442				
•	_	10	Eq2.70 v7 (Applicator Ocarici Vacadiii 7111)	DO 442				
66	1	97	Eg2:DQ Command B0	DO 443 - GO25				
66	1		Eq2:DQ Command B1	DO 444 - GO25				
66	1		Eq2:DQ Command B2	DO 445 - GO25				
66	1		Eq2:DQ Command B3	DO 446 - GO25				
66	1		Eq2:DQ Command B4	DO 447 - GO25				
66	1		Eq2:DQ Command B5	DO 448 - GO25				
66	1		Eq2:DQ Command B6	DO 449 - GO25				
66	1		Eq2:DQ Command B7	DO 450 - GO25				
00		104	בקב.טע סטווווומווע טו	DO 430 4 GO23				

29

Project Name: V6.31-1

Project No: Rev:1.1 Date: 9-March-04 30

### Profibus/Model A PROCESS I/O - Equipment #1 P-500 VersaBell II (IPC 2K – Fixed/Variable Metering )

Rack	Slot	Pnt	Description	Rob#	Rack	Slot	Pnt	Description	Rob#
			Digital Outputs					Digital Inputs	
66	1	25	Eq1:pTRIG – Trigger	DO 257	1	1	1	Eq1:E-Stat HV ON	DIN 257
66	1	26	Eq1:BRAKE - Turbine Brake	DO 258	1	1	2	Eq1:E-Stat Setpoint Reached	DIN 258
66	1	27	Eg1:pPE - Paint Enable	DO 259-GO 13	1	1	3	Eq1:E-Stat Warning	DIN 259
66	1	28	Eq1:pIW - Injector Wash	DO 260-GO 13	1	1	4	Eq1:E-Stat Fault	DIN 260
66	1	29	Eq1:pBW - Bell Wash	DO 261-GO 13	1	1	5	Eg1:E-Stat Check OK	DIN 261
66	1	30	Eq1:pSOL - Purge Solvent	DO 262-GO 13	1	1	6	Eg1:E-Stat Remote	DIN 262
66	1	31	Eq1:pool 1 dige dolvent	DO 263-GO 13		•	U	Lq1.L Olal Homolo	DIIV ZOZ
66	1	32	Eq1:pCC - Purge Color Changer	DO 264-GO 13				Analog Outputs	
66	1	33	Eq1:pDUMP – Dump	DO 265-GO 13	66	1	1	Eq1:RIP (Resin Regulator Inlet Pilot)	AOUT 1
66	1	34	Eq1:pFLUSH - Pump Flush	DO 266-GO 13	66	1	2	Eq1:BSC (Bell Speed Transducer)	AOUT 3
					66	1			
66	1	35	Eq1:pSEAL - Seal Air	DO 267-GO 13	66	- 1	3	Eq1:CIP (Catalyst Regulator Inlet Pilot)	AOUT 5
66	1	36	Eq1:pDUMP2 – Dump #2	DO 268-GO 13					
66	1	37	Eq1:pCAT – Catalyst Enable	DO 269-GO 13					
66	1	38	Eq1:pWASH – Air/Solvent Enable	DO 270-GO 13					
66	1	39	Eq1:pSOL2 – Catalyst Solvent	DO 271-GO 13					
66	1	40	Eq1:pFLUSH2 – Catalyst Flush	DO 272-GO 13				Analog Inputs	
1	2	6	Eq1:ACA	DO 273	1	3	1	Eq1:E-Stat Ua	AIN 1
1	2	7	Eq1:pACS	DO 274	1	3	2	Eq1:E-Stat KV	AIN 2
					66	1	1	Eq1:Bear Air OK	AIN 5
66	1	1	Eq1:pH1	DO 324-GO 11	66	1	3	Eg1:Bell Speed Feedback	AIN 6
66	1	2	Eq1:pH2	DO 325-GO 11	66	1	2	Eq1:DQ Manifold Pressure	AIN 9
66	1	3	Eq1:pC1	DO 275-GO 14	66	1	4	Eq1:P1OP (Resin Pump Outlet Pressure)	AIN 11
66	1	4	Eq1:pC2	DO 276-GO 14	66	1	5	Eq1:P2OP (Catalyst Pump Outlet Pressure)	AIN 13
66	1	5	Eq1:pC3	DO 277-GO 14	00	•	3	Legin Zer (editalyer amp editor recours)	7111110
66	1	6	Eq1:pC4	DO 278-GO 14					
66	1	7	Eq1:pC5	DO 279-GO 14					
66	1	8		DO 280-GO 14					
00		ō	Eq1:pC6	DO 280-GO 14					
1	2	1	Eq1:E-Stat HV ON	DO 307					
1	2	2	Eq1:E-Stat Step B0	DO 308 -GO 22					
1	2	3	Eq1:E-Stat Step B1	DO 309 -GO 22					
1	2	4	Eq1:E-Stat Step B2	DO 310-GO 22					
1	2	8	Eq1:ACVA (Applicator Cleaner Vacuum Air)	DO 314					
	_		(rippiioato: oloalio: raddill/ill)	200					
66	1	41	Eg1:DQ Command B0	DO 315 -GO 24					
66	1	42	Eg1:DQ Command B1	DO 315 -GO 24					
66	1	43	Eq1:DQ Command B2	DO 316 -GO 24					
66	1	44	Eq1:DQ Command B3	DO 318 -GO 24					
66	1	45	Eq1:DQ Command B4	DO 319 -GO 24					
66	1	46	Eq1:DQ Command B5	DO 320 -GO 24					
66	1	47	Eq1:DQ Command B6	DO 321 -GO 24					
66	1	48	Eq1:DQ Command B7	DO 322 -GO 24					

PaintTool I/O Layout ject No: Rev:1.1

31

Project Name: V6.31-1 Project No: Date: 9-March-04

### Profibus/Model A PROCESS I/O - Equipment #2 P-500 VersaBell II (IPC 2K – Fixed/Variable Metering )

Rack	Slot	Pnt	Description	Rob#	Rack	Slot	Pnt	Description	Rob#
			Digital Outputs					Digital Inputs	
66	1	81	Eq2:pTRIG - Trigger	DO 385	1	1	9	Eg2:E-Stat HV ON	DIN 385
66	1	82	Eq2:BRAKE - Turbine Brake	DO 386	1	1	10	Eg2:E-Stat Setpoint Reached	DIN 386
66	1	83	Eq2:pPE - Paint Enable	DO 387-GO 17	1	1	11	Eq2:E-Stat Warning	DIN 387
66	1	84	Eq2:pIW - Injector Wash	DO 388-GO 17	1	1	12	Eq2:E-Stat Fault	DIN 388
66	1	85	Eq2:pBW - Bell Wash	DO 389-GO 17	1	1	13	Eq2:E-Stat Check OK	DIN 389
66	1	86	Eg2:pSOL - Purge Solvent	DO 390-GO 17	1	1	14	Eq2:E-Stat Remote	DIN 390
66	1	87	Eq2:pAIR - Purge Air	DO 391-GO 17		-			
66	1	88	Eq2:pCC - Purge Color Changer	DO 392-GO 17				Analog Outputs	
66	1	89	Eq2:pDUMP – Dump	DO 393-GO 17	66	2	1	Eq2:RIP (Resin Regulator Inlet Pilot)	AOUT 2
66	1	90	Eq2:pFLUSH - Pump Flush	DO 394-GO 17	66	2	2	Eq2:BSC (Bell Speed Transducer)	AOUT 4
66	1	91	Eq2:pSEAL - Seal Air	DO 395-GO 17	66	2	3	Eq2:CIP (Catalyst Regulator Inlet Pilot)	AOUT 6
66	1		Eg2:pDUMP2 – Dump #2	DO 396-GO 17		_	Ŭ	====== (Gatalyot Hogalator Hilot Hilot)	7.00.0
66	1	93	Eq2:pCAT – Catalyst Enable	DO 397-GO 17					
66	1	94	Eq2:pWASH – Air/Solvent Enable	DO 398-GO 17					
66	1	95	Eq2:pSOL2 – Catalyst Solvent	DO 399-GO 17					
66	1	96	Eq2:pFLUSH2 – Catalyst Flush	DO 400-GO 17				Analog Inputs	
1	2	14	Eq2:ACA	DO 400-GO 17	1	3	3	Eq2:E-Stat Ua	AIN 3
1	2	15	Eq2:pACS	DO 401	1	3	4	Eq2:E-Stat KV	AIN 3
		13	Lqz.pAG3	DO 402	66	2	1	Eg2:Bear Air OK	AIN 7
66	4	<b>67</b>	Egg:pU1	DO 452-GO 12	66	2	3	Eq2:Bell Speed Feedback	AIN 7
66 66	1	57	Eq2:pH1 Eq2:pH2	DO 452-GO 12 DO 453-GO 12	66	2	2	Eq2:DQ Manifold Pressure	AIN 0
	1	58							AIN 10
66	1	59	Eq2:pC1	DO 403-GO 18	66	2	4	Eq2:P1OP (Resin Pump Outlet Pressure)	
66	1	60	Eq2:pC2	DO 404-GO 18	66	2	5	Eq2:P2OP (Catalyst Pump Outlet Pressure)	AIN 14
66	1	61	Eq2:pC3	DO 405-GO 18					
66	1	62	Eq2:pC4	DO 406-GO 18					
66	1	63	Eq2:pC5	DO 407-GO 18					
66	1	64	Eq2:pC6	DO 408-GO 18					
	_		F-0-F 0+-+ IIV 0NI	DO 405					
1	2	9	Eq2:E-Stat HV ON	DO 425					
1	2	10	Eq2:E-Stat Step B0	DO 426 -GO 23					
1	2	11	Eq2:E-Stat Step B1	DO 427 -GO 23					
1	2	12	Eq2:E-Stat Step B2	DO 428-GO 23					
1	2	16	Eq2:ACVA (Applicator Cleaner Vacuum Air)	DO 432					
66	1		Eq2:DQ Command B0	DO 433 -GO 25					
66	1		Eq2:DQ Command B1	DO 434 -GO 25					
66	1	99	Eq2:DQ Command B2	DO 435 -GO 25					
66	1		Eq2:DQ Command B3	DO 436 -GO 25					
66	1	101	Eq2:DQ Command B4	DO 437 -GO 25					
66	1	102	Eq2:DQ Command B5	DO 438 -GO 25					
66	1		Eq2:DQ Command B6	DO 439 -GO 25					
66	1		Eg2:DQ Command B7	DO 440 -GO 25					
				5.5 20					

Project No:

# Profibus/Model A PROCESS I/O - Equipment #1/2

# P-500 VersaBell II (Waterborne - Integrated Canister)

Section   Sect	Rack	Slot	Pnt	Description	Rob#	Rack	Slot	Pnt	Description	Rob#
86				Digital Outputs						
86	66	1	25	Eq1:pTRIG – Trigger	DO 257	1	1	1		DIN 257
66 1 1 28 Eq. 159E- Paint Enable	66	1	26	Eg1:BRAKE - Turbine Brake	DO 258	1	1	2	Eq1:E-Stat Setpoint Reached	DIN 258
66   1   28   Eq.   jpW - Injector Wash   Do 298-G0   13   1   1   4   Eq.   E	66	1	27	•	DO 259-GO 13	1	1	3		DIN 259
Beautiful   1										DIN 260
50										
Section   1				· ·						
Big   1   32   Eq.   Eq.   Eq.   Eq.   Eq.   Eq.   Eq.						1	1	6	Eq1:E-Stat Remote	DIN 262
66 1 3 36 Eq. pcoUMP — Unp — Do 255-GO 13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										
Section   Sect	66	1	32	Eq1:pCC - Purge Color Changer	DO 264-GO 13	1	1	9	Eq2:E-Stat HV ON	DIN 385
Section   Sect	66	1	33	Ea1:pDUMP - Dump	DO 265-GO 13	1	1	10	Eg2:E-Stat Setpoint Reached	DIN 386
56	66	1	34		DO 266-GO 13	1		11		DIN 387
1   38										DIN 388
66				· ·						
1   38   Eq.										
1						1	1	14	Eq2:E-Stat Remote	DIN 390
1   2   7   EqtpC1	66	1	38	Eq1:pSOL2 – Purge Solvent #2	DO 270-GO 13					
1   2   7   Eqt.pCl	1	2	6	Eq1:ACA	DO 273					
Bell   1   Eqt pC1										
66 1 2 Eq. 19.02 D 0.276.00 14 66 2 2 Eq. 2.8SC (Bell Speed Transducer) AOU   66 1 3 Eq. 19.03 D 0.277.40 14   66 1 4 Eq. 19.04 D 0.278.60 14   66 1 5 Eq. 19.05 D 0.289.60 14   66 1 6 Eq. 19.05 D 0.289.60 14   66 1 7 Eq. 19.07 D 0.281.60 14   67 Eq. 19.07 D 0.281.60 14   68 1 19 Eq. 19.01 D 0.283.60 14   68 1 11 Eq. 19.01 D 0.283.60 14   68 1 11 Eq. 19.01 D 0.283.60 14   68 1 11 Eq. 19.01 D 0.283.60 14   68 1 12 Eq. 19.01 D 0.283.60 14   68 1 11 Eq. 19.01 D 0.283.60 14   68 1 12 Eq. 19.01 D 0.283.60 14   68 1 13 Eq. 19.01 D 0.283.60 14   68 1 14 Eq. 19.01 D 0.283.60 14   68 1 15 Eq. 19.01 D 0.283.60 14   68 1 15 Eq. 19.01 D 0.283.60 14   68 1 16 Eq. 19.01 D 0.283.60 14   68 1 17 Eq. 19.01 D 0.283.60 14   68 1 18 Eq. 19.01 D 0.283.60 15   69 1 18 Eq. 19.01 D 0.283.60 15   60 1 19 Eq. 19.02 D 0.283.60 15   60 1 19 Eq. 19.02 D 0.283.60 15   60 1 10 Eq. 19.02 D 0.283.60 15   60 1 12 Eq. 19.02 D 0.283.60 15   60 1 13 Eq. 19.03 D 0.283.60 15   60 1 14 Eq. 19.00 D 0.283.60 15   60 1 18 Eq. 19.00 D 0.283.60 17   60 1 1									Analog Outputs	
Section   Sect	66	1	1	Eq1:pC1	DO 275-GO 14	66	1	2	Eq1:BSC (Bell Speed Transducer)	AOUT 3
Section   Sect										AOUT 4
66 1 5 Eqt pCS										
56										
66   1   7   6   Eqt pC6   D0 280-G0 14   Feb		4								
Feb   1   7   Eq1:pC7   D0 281-G0 14   Color		1								
Section   Sect		1								
Section	66	1	7	Eq1:pC7	DO 281-GO 14					
Section   Sect	66	1	8	Eq1:pC8	DO 282-GO 14				Analog Inputs	
66 1 1 10 Eq1 pc10						1	3	1		AIN 1
66										AIN 2
1										
1		,								
66 1 1 4 Eqt.pC14		1								
1	66	1	13		DO 287-GO 14	66		1		AIN 5
66 1 1 16 Eq1:pC16	66	1	14	Eq1:pC14	DO 288-GO 14	66	1	3	Eq1:Bell Speed Feedback	AIN 6
66 1 1 16 Eq1:pC16	66	1	15	Eq1:pC15	DO 289-GO 14	66	2	1	Eg2:Bear Air OK	AIN 7
66 1 1 17 Eq1:DC18	66	1	16		DO 290-GO 14	66	2	3	Eg2:Bell Speed Feedback	AIN 8
1		1								
66       1       19       Eq1:pC19       DO 293-G0 15         66       1       20       Eq1:pC20       DO 295-G0 15         66       1       21       Eq1:pC21       DO 295-G0 15         66       1       22       Eq1:pC23       DO 297-G0 15         66       1       24       Eq1:pC23       DO 298-G0 15         1       1       1       Eq1:E-Stat HV ON       DO 307-G0 15         1       1       1       2       Eq1:E-Stat Step B0       DO 308-G0 22         1       1       1       3       Eq1:E-Stat Step B1       DO 309-G0 22         1       1       4       Eq1:E-Stat Step B2       DO 310-G0 22         1       1       4       Eq1:E-Stat Step B2       DO 310-G0 22         1       2       8       Eq1:ACVA (Applicator Cleaner Vacuum Air)       DO 314         66       1       42       Eq1:DQ Command B0       DO 315-GO 24         66       1       42       Eq1:DQ Command B1       DO 316-GO 24         66       1       43       Eq1:DQ Command B2       DO 317-GO 24         66       1       44       Eq1:DQ Command B4       DO 318-GO 24         66       1 <td></td>										
1						90	2	2	Eq2.DQ Marillold Fressure	AIN 10
66 1 21 Eq1:pc21										
66 1 1 22 Eq1;DC22 DO 296 -GO 15 DO 297 -GO 15 DO 298 -GO 15 DO 298 -GO 15 DO 298 -GO 15 DO 298 -GO 15 DO 308 -GO 22 DO 308 -GO 22 DO 308 -GO 22 DO 309 -GO 17 DO 309 -GO	66	1	20	Eq1:pC20	DO 294-GO 15					
1	66	1	21	Eq1:pC21	DO 295 -GO 15					
1	66	1	22	Eq1:pC22	DO 296 -GO 15					
66	66	1	23		DO 297 -GO 15					
1       1       2       Eq1:E-Stat Step B0       DO 308-GO 22         1       1       3       Eq1:E-Stat Step B1       DO 309-GO 22         1       1       4       Eq1:E-Stat Step B2       DO 310-GO 22         1       2       8       Eq1:ACVA (Applicator Cleaner Vacuum Air)       DO 314         66       1       41       Eq1:DQ Command B1       DO 315-GO 24         66       1       42       Eq1:DQ Command B1       DO 317-GO 24         66       1       43       Eq1:DQ Command B2       DO 317-GO 24         66       1       44       Eq1:DQ Command B3       DO 318-GO 24         66       1       45       Eq1:DQ Command B4       DO 319-GO 24         66       1       46       Eq1:DQ Command B5       DO 320-GO 24         66       1       47       Eq1:DQ Command B7       DO 322-GO 24         66       1       48       Eq1:DQ Command B7       DO 322-GO 24         66       1       48       Eq1:DQ Command B7       DO 322-GO 24         66       1       81       Eq2:pTRIG - Trigger       DO 386         66       1       82       Eq2:pBW - Bell Wash       DO 388-GO 17         66										
1       1       3       Eq1:E-Stat Step B1       DO 309 -GO 22         1       1       4       Eq1:E-Stat Step B2       DO 310-GO 22         1       2       8       Eq1:ACVA (Applicator Cleaner Vacuum Air)       DO 314         66       1       41       Eq1:DQ Command B0       DO 315 -GO 24         66       1       42       Eq1:DQ Command B1       DO 316 -GO 24         66       1       43       Eq1:DQ Command B2       DO 317 -GO 24         66       1       45       Eq1:DQ Command B3       DO 318 -GO 24         66       1       45       Eq1:DQ Command B5       DO 320 -GO 24         66       1       46       Eq1:DQ Command B5       DO 320 -GO 24         66       1       48       Eq1:DQ Command B5       DO 322 -GO 24         66       1       48       Eq1:DQ Command B7       DO 322 -GO 24         66       1       81       Eq2:DRIG - Trigger       DO 385         66       1       82       Eq2:PSPE - Paint Enable       DO 386-GO 17         66       1       83       Eq2:PSPE - Paint Enable       DO 388-GO 17         66       1       84       Eq2:PSPW - Bell Wash       DO 389-GO 17 <tr< td=""><td>1</td><td>1</td><td>1</td><td>Eq1:E-Stat HV ON</td><td>DO 307</td><td></td><td></td><td></td><td></td><td></td></tr<>	1	1	1	Eq1:E-Stat HV ON	DO 307					
1       1       3       Eq1:E-Stat Step B1       DO 309 -GO 22       DO 310-GO 22         1       1       4       Eq1:E-Stat Step B2       DO 310-GO 22       DO 310-GO 22         1       2       8       Eq1:ACVA (Applicator Cleaner Vacuum Air)       DO 314         66       1       41       Eq1:DQ Command B0       DO 315-GO 24         66       1       42       Eq1:DQ Command B1       DO 316-GO 24         66       1       43       Eq1:DQ Command B2       DO 317-GO 24         66       1       45       Eq1:DQ Command B3       DO 318-GO 24         66       1       45       Eq1:DQ Command B5       DO 320-GO 24         66       1       46       Eq1:DQ Command B5       DO 320-GO 24         66       1       48       Eq1:DQ Command B7       DO 322-GO 24         66       1       48       Eq1:DQ Command B7       DO 322-GO 24         66       1       81       Eq2:pTRIG - Trigger       DO 385         66       1       82       Eq2:pREA - Paint Enable       DO 386-GO 17         66       1       83       Eq2:pPE - Paint Enable       DO 388-GO 17         66       1       85       Eq2:pBW - Bell Wash <td></td> <td></td> <td></td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>				•						
1       1       4       Eq1:E-Stat Step B2       DO 310-GO 22         1       2       8       Eq1:ACVA (Applicator Cleaner Vacuum Air)       DO 314         66       1       41       Eq1:DQ Command B0       DO 315-GO 24         66       1       42       Eq1:DQ Command B1       DO 316-GO 24         66       1       43       Eq1:DQ Command B2       DO 318-GO 24         66       1       45       Eq1:DQ Command B3       DO 319-GO 24         66       1       45       Eq1:DQ Command B5       DO 320-GO 24         66       1       47       Eq1:DQ Command B6       DO 321-GO 24         66       1       48       Eq1:DQ Command B7       DO 322-GO 24         66       1       48       Eq1:DQ Command B7       DO 322-GO 24         66       1       48       Eq2:DC Command B7       DO 322-GO 24         66       1       48       Eq2:DC Command B7       DO 385         66       1       81       Eq2:PRIG — Trigger       DO 385         66       1       82       Eq2:BRAKE - Turbine Brake       DO 386-GO 17         66       1       84       Eq2:PRIW - Bell Wash       DO 388-GO 17         66 <td></td>										
1 2 8 Eq1:ACVA (Applicator Cleaner Vacuum Air) DO 314  66 1 41 Eq1:DQ Command B0 DO 315 -GO 24 66 1 42 Eq1:DQ Command B1 DO 316 -GO 24 66 1 44 Eq1:DQ Command B2 DO 317 -GO 24 66 1 45 Eq1:DQ Command B3 DO 318 -GO 24 66 1 45 Eq1:DQ Command B4 DO 319 -GO 24 66 1 45 Eq1:DQ Command B5 DO 320 -GO 24 66 1 47 Eq1:DQ Command B6 DO 321 -GO 24 66 1 48 Eq1:DQ Command B6 DO 321 -GO 24 66 1 48 Eq1:DQ Command B7 DO 322 -GO 24 66 1 1 81 Eq2:pTRIG - Trigger DO 385 66 1 82 Eq2:BRAKE - Turbine Brake DO 386 66 1 83 Eq2:PB - Paint Enable DO 387-GO 17 66 1 84 Eq2:pDW - Bell Wash DO 388-GO 17 66 1 85 Eq2:pBW - Bell Wash DO 389-GO 17 66 1 86 Eq2:pSU - Purge Solvent DO 390-GO 17 66 1 87 Eq2:pAIR - Purge Air DO 391-GO 17 66 1 88 Eq2:pCC - Purge Color Changer DO 392-GO 17 66 1 89 Eq2:pCAN - Canister Inlet DO 394-GO 17 66 1 90 Eq2:pCAN - Canister Inlet DO 394-GO 17 66 1 91 Eq2:pSEAL - Seal Air DO 395-GO 17 66 1 91 Eq2:pSEAL - Seal Air DO 395-GO 17 66 1 92 Eq2:pDWP2 - Dump DO 395-GO 17 66 1 92 Eq2:pDWP2 - Dump DO 395-GO 17 66 1 91 Eq2:pSEAL - Seal Air DO 395-GO 17 66 1 92 Eq2:pDWP2 - Dump #2 66 1 93 Eq2:pDWP4 - Dump DO 395-GO 17 66 1 92 Eq2:pDWP4 - Dump DO 395-GO 17 66 1 92 Eq2:pDWP4 - Dump DO 395-GO 17 66 1 93 Eq2:pDWP4 - Dump DO 395-GO 17 66 1 93 Eq2:pDWP4 - Dump DO 395-GO 17				· ·						
66 1 41 Eq1:DQ Command B0 DO 315 -GO 24	1		4	Eq1.E-Stat Step B2	DO 310-GO 22					
66	1	2	8	Eq1:ACVA (Applicator Cleaner Vacuum Air)	DO 314					
66	66	1	41	Eq1:DQ Command B0	DO 315 -GO 24					
66										
66										
66       1       45       Eq1:DQ Command B4       DO 319 -GO 24         66       1       46       Eq1:DQ Command B5       DO 320 -GO 24         66       1       47       Eq1:DQ Command B6       DO 321 -GO 24         66       1       48       Eq1:DQ Command B7       DO 322 -GO 24         66       1       48       Eq2:pTRIG – Trigger       DO 385         66       1       82       Eq2:BRAKE - Turbine Brake       DO 386         66       1       83       Eq2:pPE - Paint Enable       DO 387-GO 17         66       1       84       Eq2:pBW - Injector Wash       DO 388-GO 17         66       1       85       Eq2:pBW - Bell Wash       DO 389-GO 17         66       1       86       Eq2:pSOL - Purge Solvent       DO 391-GO 17         66       1       87       Eq2:pAIR - Purge Air       DO 391-GO 17         66       1       88       Eq2:pCC - Purge Color Changer       DO 392-GO 17         66       1       89       Eq2:pCAN - Canister Inlet       DO 394-GO 17         66       1       91       Eq2:pCAN - Canister Inlet       DO 395-GO 17         66       1       92       Eq2:pDUMP2 - Dump       DO 396-GO 17 </td <td></td>										
66 1 46 Eq1:DQ Command B5 DO 320 -GQ 24 Eq1:DQ Command B6 DO 321 -GQ 24 Eq1:DQ Command B6 DO 321 -GQ 24 Eq1:DQ Command B7 DO 322 -GQ 24 Eq1:DQ Command B7 DO 322 -GQ 24 Eq1:DQ Command B7 DO 322 -GQ 24 Eq2:DTRIG – Trigger DO 385 Eq2:pTRIG – Trigger DO 386 Eq2:pRAKE - Turbine Brake DO 386 Eq2:pPE - Paint Enable DO 387-GQ 17 Eq2:pW - Injector Wash DO 388-GQ 17 Eq2:pBW - Bell Wash DO 389-GQ 17 Eq2:pSQL - Purge Solvent DO 390-GQ 17 Eq2:pSQL - Purge Solvent DO 391-GQ 17 Eq2:pSQL - Purge Air DO 391-GQ 17 Eq2:pCC - Purge Color Changer DO 392-GQ 17 Eq2:pCAN – Canister Inlet DO 394-GQ 17 Eq2:pSQL - Seal Air DO 394-GQ 17 Eq2:pSQL - Seal Air DO 395-GQ 17 Eq2:pVMS1 - Air/Solvent Enable DO 397-GQ 17										
66       1       47       Eq1:DQ Command B6       DO 321 -G0 24         66       1       48       Eq1:DQ Command B7       DO 322 -G0 24         66       1       81       Eq2:pTRIG - Trigger       DO 385         66       1       82       Eq2:BRAKE - Turbine Brake       DO 386         66       1       83       Eq2:pPE - Paint Enable       DO 387-GO 17         66       1       84       Eq2:pW - Injector Wash       DO 388-GO 17         66       1       85       Eq2:pBW - Bell Wash       DO 389-GO 17         66       1       86       Eq2:pSOL - Purge Solvent       DO 390-GO 17         66       1       87       Eq2:pAIR - Purge Air       DO 391-GO 17         66       1       88       Eq2:pCO- Purge Color Changer       DO 392-GO 17         66       1       89       Eq2:pDUMP - Dump       DO 393-GO 17         66       1       91       Eq2:pSEAL - Seal Air       DO 394-GO 17         66       1       92       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         66       1       93       Eq2:pWASH - Air/Solvent Enable       DO 397-GO 17	66	1	45	Eq1:DQ Command B4	DO 319 -GO 24					
66       1       47       Eq1:DQ Command B6       DO 321 -G0 24         66       1       48       Eq1:DQ Command B7       DO 322 -G0 24         66       1       81       Eq2:pTRIG - Trigger       DO 385         66       1       82       Eq2:pBE - Paint Enable       DO 386-GO 17         66       1       83       Eq2:pPE - Paint Enable       DO 387-GO 17         66       1       84       Eq2:pBW - Bell Wash       DO 389-GO 17         66       1       85       Eq2:pBW - Bell Wash       DO 390-GO 17         66       1       86       Eq2:pSOL - Purge Solvent       DO 391-GO 17         66       1       87       Eq2:pAIR - Purge Air       DO 391-GO 17         66       1       88       Eq2:pCC - Purge Color Changer       DO 392-GO 17         66       1       89       Eq2:pDUMP - Dump       DO 393-GO 17         66       1       91       Eq2:pCAN - Canister Inlet       DO 394-GO 17         66       1       92       Eq2:pDUMP2 - Dump #2       DO 396-GO 17         66       1       93       Eq2:pWASH - Air/Solvent Enable       DO 397-GO 17	66	1	46	Eq1:DQ Command B5	DO 320 -GO 24					
66 1 81 Eq2:pTRIG – Trigger DO 385 66 1 82 Eq2:pBAKE - Turbine Brake DO 386 66 1 83 Eq2:pPE - Paint Enable DO 387-GO 17 66 1 84 Eq2:pIW - Injector Wash DO 389-GO 17 66 1 85 Eq2:pBW - Bell Wash DO 389-GO 17 66 1 86 Eq2:pSOL - Purge Solvent DO 390-GO 17 66 1 87 Eq2:pAIR - Purge Air DO 391-GO 17 66 1 88 Eq2:pCC - Purge Color Changer DO 392-GO 17 66 1 89 Eq2:pCMP – Dump DO 393-GO 17 66 1 90 Eq2:pCAN – Canister Inlet DO 394-GO 17 66 1 91 Eq2:pSEAL - Seal Air DO 395-GO 17 66 1 92 Eq2:pDUMP2 - Dump #2 66 1 93 Eq2:pWASH - Air/Solvent Enable DO 397-GO 17		1								
66 1 82 Eq2:BRAKE - Turbine Brake DO 386 66 1 83 Eq2:pPE - Paint Enable DO 387-GO 17 66 1 84 Eq2:pBW - Bell Wash DO 388-GO 17 66 1 86 Eq2:pSOL - Purge Solvent DO 390-GO 17 66 1 87 Eq2:pAIR - Purge Air DO 391-GO 17 66 1 88 Eq2:pCC - Purge Color Changer DO 392-GO 17 66 1 89 Eq2:pDUMP - Dump DO 393-GO 17 66 1 90 Eq2:pCAN - Canister Inlet DO 394-GO 17 66 1 91 Eq2:pSEAL - Seal Air DO 395-GO 17 66 1 92 Eq2:pDUMP2 - Dump #2 66 1 93 Eq2:pDWSH - Air/Solvent Enable DO 397-GO 17		1								
66 1 82 Eq2:pRAKE - Turbine Brake DO 386 66 1 83 Eq2:pPE - Paint Enable DO 387-GO 17 66 1 84 Eq2:plW - Injector Wash DO 388-GO 17 66 1 85 Eq2:pBW - Bell Wash DO 389-GO 17 66 1 86 Eq2:pSOL - Purge Solvent DO 390-GO 17 66 1 87 Eq2:pAIR - Purge Air DO 391-GO 17 66 1 88 Eq2:pCC - Purge Color Changer DO 392-GO 17 66 1 89 Eq2:pDUMP - Dump DO 393-GO 17 66 1 90 Eq2:pCAN - Canister Inlet DO 394-GO 17 66 1 91 Eq2:pSEAL - Seal Air DO 395-GO 17 66 1 92 Eq2:pDUMP2 - Dump #2 66 1 93 Eq2:pWASH - Air/Solvent Enable DO 397-GO 17	66	1	81	Eq2:pTRIG – Trigger	DO 385					
66 1 83 Eq2:pPE - Paint Enable DO 387-GO 17 66 1 84 Eq2:pIW - Injector Wash DO 388-GO 17 66 1 85 Eq2:pSW - Bell Wash DO 389-GO 17 66 1 86 Eq2:pSOL - Purge Solvent DO 390-GO 17 66 1 87 Eq2:pAIR - Purge Air DO 391-GO 17 66 1 88 Eq2:pCC - Purge Color Changer DO 392-GO 17 66 1 89 Eq2:pDUMP – Dump DO 393-GO 17 66 1 90 Eq2:pCAN – Canister Inlet DO 394-GO 17 66 1 91 Eq2:pSEAL - Seal Air DO 395-GO 17 66 1 92 Eq2:pDUMP2 - Dump #2 66 1 93 Eq2:pWASH - Air/Solvent Enable DO 397-GO 17										
66 1 84 Eq2:pIW - Injector Wash DO 388-GO 17 66 1 85 Eq2:pBW - Bell Wash DO 389-GO 17 66 1 86 Eq2:pSOL - Purge Solvent DO 390-GO 17 66 1 87 Eq2:pCC - Purge Color Changer DO 392-GO 17 66 1 88 Eq2:pDUMP – Dump DO 393-GO 17 66 1 90 Eq2:pCAN – Canister Inlet DO 394-GO 17 66 1 91 Eq2:pSEAL - Seal Air DO 395-GO 17 66 1 92 Eq2:pDUMP2 - Dump #2 66 1 93 Eq2:pDUMP2 - Dump #2 66 1 93 Eq2:pWASH - Air/Solvent Enable DO 397-GO 17										
66 1 85 Eq2:pBW - Bell Wash 66 1 86 Eq2:pSOL - Purge Solvent 66 1 87 Eq2:pSOL - Purge Air 66 1 88 Eq2:pCAP - Dump 66 1 89 Eq2:pDUMP - Dump 66 1 90 Eq2:pCAN - Canister Inlet 66 1 91 Eq2:pSEAL - Seal Air 66 1 92 Eq2:pDUMP2 - Dump #2 66 1 93 Eq2:pWASH - Air/Solvent Enable  DO 389-GO 17 DO 393-GO 17 DO 394-GO 17 DO 395-GO 17										
66 1 86 Eq2:pSOL - Purge Solvent DO 390-GO 17 66 1 87 Eq2:pAIR - Purge Air DO 391-GO 17 66 1 88 Eq2:pCC - Purge Color Changer DO 392-GO 17 66 1 89 Eq2:pDUMP – Dump DO 393-GO 17 66 1 90 Eq2:pCAN – Canister Inlet DO 394-GO 17 66 1 91 Eq2:pSEAL - Seal Air DO 395-GO 17 66 1 92 Eq2:pDUMP2 - Dump #2 66 1 93 Eq2:pWASH - Air/Solvent Enable DO 397-GO 17										
66 1 87 Eq2:pAIR - Purge Air DO 391-GO 17 66 1 88 Eq2:pCC - Purge Color Changer DO 392-GO 17 66 1 89 Eq2:pDUMP – Dump DO 393-GO 17 66 1 90 Eq2:pCAN – Canister Inlet DO 394-GO 17 66 1 91 Eq2:pDUMP2 - Dump #2 66 1 92 Eq2:pDUMP2 - Dump #2 66 1 93 Eq2:pWASH - Air/Solvent Enable DO 397-GO 17										
66		1								
66 1 89 Eq2:pDUMP – Dump DO 393-GO 17 66 1 90 Eq2:pCAN – Canister Inlet DO 394-GO 17 66 1 91 Eq2:pSEAL - Seal Air DO 395-GO 17 66 1 92 Eq2:pDUMP2 - Dump #2 DO 396-GO 17 66 1 93 Eq2:pWASH - Air/Solvent Enable DO 397-GO 17	66	1	87	Eq2:pAIR - Purge Air	DO 391-GO 17					
66 1 89 Eq2:pDUMP – Dump DO 393-GO 17 DO 394-GO 17 DO 394-GO 17 DO 395-GO 17 DO 396-GO 17 DO 396-GO 17 DO 396-GO 17 DO 397-GO 17 DO 397	66	1			DO 392-GO 17					
66		1								
66										
66 1 92 Eq2:pDUMP2 - Dump #2 DO 396-GO 17 DO 397-GO 17 DO 397-GO 17										
66   1   93   Eq2:pWASH - Air/Solvent Enable   DO 397-GO 17										
			92	Eq2:pDUMP2 - Dump #2						
50 1 54 Equiposite 1 digo content #2										
	00	ı	54	L42.p00L2 - 1 dige doivent #2	DO 390-GO 17					
1 2 14 Eq2:ACA DO 401	1	2	14	Fg2-ACA	DO 401					

33 Project Name: V6.31-1 Project No: Date: 9-March-04

		45	F 0 400	DO 100			1
1	2	15	Eq2:pACS	DO 402			
00	_		F 0 01	DO 400 00 40			
66	1		Eq2:pC1	DO 403-GO 18			
66	1		Eq2:pC2	DO 404-GO 18			
66	1		Eq2:pC3	DO 405-GO 18			
66	1		Eq2:pC4	DO 406-GO 18			
66	1		Eq2:pC5	DO 407-GO 18			
66	1		Eq2:pC6	DO 408-GO 18			
66	1		Eq2:pC7	DO 409-GO 18			
66	1		Eq2:pC8	DO 410-GO 18			
66	1		Eq2:pC9	DO 411-GO 18			
66	1		Eq2:pC10	DO 412-GO 18			
66	1		Eq2:pC11	DO 413-GO 18			
66	1		Eq2:pC12	DO 414-GO 18			
66	1		Eq2:pC13	DO 415-GO 18			
66	1		Eq2:pC14	DO 416-GO 18			
66	1		Eq2:pC15	DO 417-GO 18			
66	1		Eq2:pC16	DO 418-GO 18			
66	1		Eq2:pC17	DO 419-GO 19			
66	1		Eq2:pC18	DO 420-GO 19			
66	1		Eq2:pC19	DO 421-GO 19			
66	1		Eq2:pC20	DO 422-GO 19			
66	1		Eq2:pC21	DO 423 -GO 19			
66	1		Eq2:pC22	DO 424 -GO 19			
66	1		Eq2:pC23	DO 425 -GO 19			
66	1	80	Eq2:pC24	DO 426 -GO 19			
1	2		Eq2:E-Stat HV ON	DO 435			
1	2		Eq2:E-Stat Step B0	DO 436 -GO 23			
1	2		Eq2:E-Stat Step B1	DO 437 -GO 23			
1	2	12	Eq2:E-Stat Step B2	DO 438-GO 23			
1	2	16	Eq2:ACVA (Applicator Cleaner Vacuum Air)	DO 442			
66	1		Eq2:DQ Command B0	DO 443 -GO 25			
66	1		Eq2:DQ Command B1	DO 444 -GO 25			
66	1		Eq2:DQ Command B2	DO 445 -GO 25			
66	1		Eq2:DQ Command B3	DO 446 -GO 25			
66	1		Eq2:DQ Command B4	DO 447 -GO 25			
66	1		Eq2:DQ Command B5	DO 448 -GO 25			
66	1		Eq2:DQ Command B6	DO 449 -GO 25			
66	1	104	Eq2:DQ Command B7	DO 450 -GO 25			

Project Name: V6.31-1 Project No: Rev:1.1 Date: 9-March-04 34

### Profibus/Model A PROCESS I/O - Equipment #1 P-500 VersaBell II (Waterborne - Integrated Canister)

Rack	Slot	Pnt	Description	Rob#	Rack	Slot	Pnt	Description	Rob#
			Digital Outputs					Digital Inputs	
66	1	25	Eq1:pTRIG – Trigger	DO 257	1	1	1	Eg1:E-Stat HV ON	DIN 257
66	1		Eq1:BRAKE - Turbine Brake	DO 258	1	1	2	Eq1:E-Stat Setpoint Reached	DIN 258
66	1		Eq1:pPE - Paint Enable	DO 259-GO 13	1	1	3	Eq1:E-Stat Warning	DIN 259
66	1		Eq1:pIW - Injector Wash	DO 260-GO 13	1	1		Eq1:E-Stat Fault	DIN 260
66	1		Eq1:pBW - Bell Wash	DO 261-GO 13	1	1		Eq1:E-Stat Check OK	DIN 261
66	1		Eq1:pSOL - Purge Solvent	DO 262-GO 13	1	1		Eq1:E-Stat Remote	DIN 262
66	1		Eq1:pAIR - Purge Air	DO 263-GO 13		•	0	Lq1.L otal Homoto	DIIV ZOZ
66	1		Eq1:pCC - Purge Color Changer	DO 264-GO 13				Analog Outputs	
66	1		Eq1:pDUMP – Dump	DO 265-GO 13	66	1	2	Eq1:BSC (Bell Speed Transducer)	AOUT 3
66	1		Eq1:pCAN – Canister Inlet	DO 266-GO 13	00	<u> </u>	_	Lq1.b00 (bell opeed Transducer)	A0013
66	1		Eq1:pSEAL - Seal Air	DO 267-GO 13					
	1								
66			Eq1:pDUMP2 - Dump #2	DO 268-GO 13					
66	1		Eq1:pWASH - Air/Solvent Enable	DO 269-GO 13					
66	1	38	Eq1:pSOL2 – Purge Solvent #2	DO 270-GO 13					
			E	50.070		_		Analog Inputs	
1	2	6	Eq1:ACA	DO 273	1	3	1	Eq1:E-Stat Ua	AIN 1
1	2	7	Eq1:pACS	DO 274	1	3		Eq1:E-Stat KV	AIN 2
					66	1		Eq1:Bear Air OK	AIN 5
66	1		Eq1:pC1	DO 275-GO 14	66	1	3	Eq1:Bell Speed Feedback	AIN 6
66	1	2	Eq1:pC2	DO 276-GO 14	66	1	2	Eq1:DQ Manifold Pressure	AIN 9
66	1	3	Eq1:pC3	DO 277-GO 14					
66	1	4	Eq1:pC4	DO 278-GO 14					
66	1		Eq1:pC5	DO 279-GO 14					
66	1		Eq1:pC6	DO 280-GO 14					
66	1		Eq1:pC7	DO 281-GO 14					
66	1		Eq1:pC8	DO 282-GO 14					
66	1	9	Eq1:pC9	DO 283-GO 14					
66	1		Eq1:pC10	DO 284-GO 14					
66	1		Eq1:pC11	DO 285-GO 14					
66	1			DO 286-GO 14					
	1		Eq1:pC12	DO 287-GO 14					
66			Eq1:pC13						
66	1		Eq1:pC14	DO 288-GO 14					
66	1		Eq1:pC15	DO 289-GO 14					
66	1		Eq1:pC16	DO 290-GO 14					
66	1	17	Eq1:pC17	DO 291-GO 15					
66	1		Eq1:pC18	DO 292-GO 15					
66	1		Eq1:pC19	DO 293-GO 15					
66	1		Eq1:pC20	DO 294-GO 15					
66	1		Eq1:pC21	DO 295 -GO 15					
66	1		Eq1:pC22	DO 296 -GO 15					
66	1		Eq1:pC23	DO 297 -GO 15					
66	1	24	Eq1:pC24	DO 298 -GO 15					
1	2		Eq1:E-Stat HV ON	DO 307					
1	2	2	Eq1:E-Stat Step B0	DO 308 -GO 22					
1	2	3	Eq1:E-Stat Step B1	DO 309 -GO 22					
1	2	4	Eq1:E-Stat Step B2	DO 310-GO 22					
			·						
1	2	8	Eq1:ACVA (Applicator Cleaner Vacuum Air)	DO 314					
			, ,						
66	1	41	Eq1:DQ Command B0	DO 315 -GO 24					
66	1		Eq1:DQ Command B1	DO 316 -GO 24					
66	1		Eg1:DQ Command B2	DO 317 -GO 24					
66	1		Eq1:DQ Command B3	DO 317 -GO 24 DO 318 -GO 24					
66	1		Eq1:DQ Command B4	DO 318 -GO 24					
66	1		Eq1:DQ Command B5	DO 320 -GO 24					
66	1		Eq1:DQ Command B6	DO 321 -GO 24					
66	1	48	Eq1:DQ Command B7	DO 322 -GO 24					

Project Name: V6.31-1 Project No: Rev:1.1 Date: 9-March-04 35

### Profibus/Model A PROCESS I/O - Equipment #2 P-500 VersaBell II (Waterborne - Integrated Canister)

Rack	Slot	Pnt	Description	Rob#	Rack	Slot	Pnt	Description	Rob#
	0.01		Digital Outputs	1102 #		0.01		Digital Inputs	1100 #
66	1	81	Eg2:pTRIG – Trigger	DO 385	1	1	9	Eg2:E-Stat HV ON	DIN 385
66	1		Eg2:BRAKE - Turbine Brake	DO 386	1	1		Eq2:E-Stat Setpoint Reached	DIN 386
66	1	83	Eq2:pPE - Paint Enable	DO 387-GO 17	1	1	11	Eq2:E-Stat Warning	DIN 387
66	1		Eq2:pIW - Injector Wash	DO 388-GO 17	1	1		Eg2:E-Stat Fault	DIN 388
66	1	85	Eq2:pBW - Bell Wash	DO 389-GO 17	1	1	13	Eg2:E-Stat Check OK	DIN 389
66	1	86	Eg2:pSOL - Purge Solvent	DO 390-GO 17	1	1	_	Eg2:E-Stat Remote	DIN 390
66	1	87	Eq2:pAIR - Purge Air	DO 391-GO 17			17	Lqz.L-Otat Hemote	DIN 330
66	1	88	Eq2:pCC - Purge Color Changer	DO 392-GO 17				Analog Outputs	
66	1	89	Eq2:pDUMP – Dump	DO 392-GO 17	66	2	2	Eq2:BSC (Bell Speed Transducer)	AOUT 4
66	1		Eq2:pCAN – Canister Inlet	DO 394-GO 17	00			Luz.b30 (bell Speed Transducer)	A0014
66	1	91	Eg2:pSEAL - Seal Air	DO 394-GO 17					
				DO 396-GO 17					
66 66	1	92	Eq2:pDUMP2 - Dump #2 Eq2:pWASH - Air/Solvent Enable						
	1	93	· ·	DO 397-GO 17					
66	1	94	Eq2:pSOL2 – Purge Solvent #2	DO 398-GO 17					
								Auglau luusta	
		4.4	F-0-404	DO 404		_	_	Analog Inputs	AINLO
1	2	14	Eq2:ACA	DO 401	1	3	3	Eq2:E-Stat Ua	AIN 3
1	2	15	Eq2:pACS	DO 402	1	3	4	Eq2:E-Stat KV	AIN 4
					66	2	1	Eq2:Bear Air OK	AIN 7
66	1	57	Eq2:pC1	DO 403-GO 18	66	2	3	Eq2:Bell Speed Feedback	AIN 8
66	1	58	Eq2:pC2	DO 404-GO 18	66	2	2	Eq2:DQ Manifold Pressure	AIN 10
66	1		Eq2:pC3	DO 405-GO 18					
66	1	60	Eq2:pC4	DO 406-GO 18					
66	1	61	Eq2:pC5	DO 407-GO 18					
66	1	62	Eq2:pC6	DO 408-GO 18					
66	1	63	Eq2:pC7	DO 409-GO 18					
66	1	64	Eq2:pC8	DO 410-GO 18					
66	1	65	Eq2:pC9	DO 411-GO 18					
66	1	66	Eq2:pC10	DO 412-GO 18					
66	1	67	Eq2:pC11	DO 413-GO 18					
66	1	68	Eq2:pC12	DO 414-GO 18					
66	1	69	Eq2:pC13	DO 415-GO 18					
66	1	70	Eq2:pC14	DO 416-GO 18					
66	1		Eq2:pC15	DO 417-GO 18					
66	1		Eq2:pC16	DO 418-GO 18					
66	1		Eq2:pC17	DO 419-GO 19					
66	1		Eq2:pC18	DO 420-GO 19					
66	1		Eq2:pC19	DO 421-GO 19					
66	1		Eq2:pC20	DO 422-GO 19					
66	1	77	Eq2:pC21	DO 423 -GO 19					
66	1	78	Eq2:pC22	DO 424 -GO 19					
66	1	79	Eq2:pC23	DO 425 -GO 19					
66	1	80	Eq2:pC24	DO 426 -GO 19					
00	•	00	Eq2.p02+	DO 420 GO 13					
1	2	9	Eg2:E-Stat HV ON	DO 435					
1	2	10	Eg2:E-Stat Step B0	DO 436 -GO 23					
1	2	11	Eg2:E-Stat Step B1	DO 430 -GO 23					
1	2		Eq2:E-Stat Step B1	DO 437 -GO 23					
		12	Lyz.L-Stat Step bz	DO 430-GO 23					
1	2	16	Eq2:ACVA (Applicator Cleaner Vacuum Air)	DO 442					
			, , , , , , , , , , , , , , , , , , ,	DO 110 DO					
66	1	97	Eq2:DQ Command B0	DO 443 -GO 25					
66	1		Eq2:DQ Command B1	DO 444 -GO 25					
66	1		Eq2:DQ Command B2	DO 445 -GO 25					
66	1		Eq2:DQ Command B3	DO 446 -GO 25					
66	1		Eq2:DQ Command B4	DO 447 -GO 25					
66	1		Eq2:DQ Command B5	DO 448 -GO 25					
66	1		Eq2:DQ Command B6	DO 449 -GO 25					
66	1	104	Eq2:DQ Command B7	DO 450 -GO 25					

36

Project Name: V6.31-1 Project No: Rev:1.1 Date: 9-March-04

### Model A PROCESS I/O - Equipment #1 VersaBell, Opener (Accuflow)

Rack	Slot	Pnt	Description	Rob#	Rad	ck S	Slot	Pnt	Description	Rob#
			Digital Outputs						Digital Inputs	
- 1	2	9	Eq1:pTRIG - Trigger	DO 257	1		9	1	Eq1:E-Stat HV ON	DIN 257
- 1	2	7	Eq1:BRAKE - Turbine Brake	DO 258	1		9	2	Eq1:E-Stat Setpoint Reached	DIN 258
1	1	1	Eq1:pPE - Paint Enable	DO 259-GO 13	1		9	3	Eq1:E-Stat Warning	DIN 259
1	1	2	Eq1:plW - Injector Wash	DO 260-GO 13	1		9		Eq1:E-Stat Fault	DIN 260
1	1	3	Eq1:pBW - Bell Wash	DO 261-GO 13	1		9		Eg1:E-Stat Check OK	DIN 261
1	1	4	Eq1:pSOL - Purge Solvent	DO 262-GO 13	1		9		Eq1:E-Stat Remote	DIN 262
1	1	5	Eq1:pAIR - Purge Air	DO 263-GO 13	1		9		Eq1:Bear Air OK	DIN 263
1	1	6	Eq1:pCC - Purge Color Changer	DO 264-GO 13	1		9	8	Spare	DIN 264
1	1	7	Eq1:pDUMP - Dump	DO 265-GO 13	1		9	9	Opener Sensor 1 Made	DIN 265
1	1	8	Eq1:RO - Regulator Override	DO 266-GO 13	1		9	10	Opener Sensor 1 Wire Not Broken	DIN 266
1	1	9	Eq1:pSEAL - Seal Air	DO 267-GO 13	1		9	11	Opener Sensor 2 Made	DIN 267
1	1	10	Eq1:Reserved	DO 268-GO 13	1		9	12	Opener Sensor 2 Wire Not Broken	DIN 268
1		11	Eq1:Reserved		- 1		9	12	Opener Sensor 2 wire Not Broken	DIN 208
	1			DO 269-GO 13						
1	1	12	Eq1:Reserved	DO 270-GO 13						
1	1	13	Eq1:Reserved	DO 271-GO 13						
1	1	14	Eq1:Reserved	DO 272-GO 13						
1	1	15	Eq1:pACS	DO 273-GO 13					Analog Outputs	
1	1	16	Eq1:pACA	DO 274-GO 13	1		3		Eq1:PR (Paint Regulator Pilot)	AOUT 1
					1		3		Eq1:BSC (Bell Speed Transducer)	AOUT 3
1	7	1	Eq1:pC1	DO 275-GO 14	1		4	1	Eq1:SAC (Shaping Air Command)	AOUT 7
1	7	2	Eq1:pC2	DO 276-GO 14						
1	7	3	Eq1:pC3	DO 277-GO 14						
1	7	4	Eq1:pC4	DO 278-GO 14						
1	7	5	Eq1:pC5	DO 279-GO 14						
1	7	6	Eq1:pC6	DO 280-GO 14						
1	7	7	Eq1:pC7	DO 281-GO 14						
1	7	8	Eq1:pC8	DO 282-GO 14						
1	7	9	Eq1:pC9	DO 283-GO 14						
1	7	10	Eq1:pC10	DO 284-GO 14					Analog Inputs	
1	7	11	Eq1:pC10	DO 285-GO 14	1		8	3	Eq1:E-Stat Ua	AIN 1
									Eg1:E-Stat KV	AIN 1 AIN 2
1	7	12	Eq1:pC12	DO 286-GO 14	1		8			
1	7	13	Eq1:pC13	DO 287-GO 14	- 1		8	2	Eq1:Bell Speed Feedback	AIN 6
1	7	14	Eq1:pC14	DO 288-GO 14						
1	7	15	Eq1:pC15	DO 289-GO 14						
1	7	16	Eq1:pC16	DO 290-GO 14						
1	7	17	Eq1:pC17	DO 291-GO 15						
1	7	18	Eq1:pC18	DO 292-GO 15						
1	7	19	Eq1:pC19	DO 293-GO 15					Digital Outputs	
1	7	20	Eq1:pC20	DO 294-GO 15	1		2	1	Eq1:E-Stat HV ON	DO 307
1	7	21	Eq1:pC21	DO 295-GO 15	1		2	2	Eq1:E-Stat Step B0	DO 308 -GO 22
1	7	22	Eq1:pC22	DO 296-GO 15	1		2	3	Eq1:E-Stat Step B1	DO 309 -GO 22
1	7	23	Eq1:pC23	DO 297-GO 15	1		2		Eq1:E-Stat Step B2	DO 310-GO 22
1	7	24	Eq1:pC24	DO 298-GO 15	1		2		Eq1:E-Stat Safety Check	DO 311
					1		2		Spare	
					1		2	7	Eg1:BRAKE - Turbine Brake	DO 257
					1		2		Spare	DO 314
					1		2		Eg1:pTRIG - Trigger	DO 314 DO 258
					1		2	-	Eg1:ACVA (Applicator Cleaner Vacuum Air)	DO 323
					1		2	11	Reserved	DO 323 DO 324
					1		2	12		
									Reserved	DO 325
					1		2	13	Reserved	DO 326
					1		2	14	Reserved	DO 327
					1		2	15	Reserved	DO 328
					1		2	16	Reserved	DO 329

PaintTool I/O Layout Project No: Rev:1.1

37

Project Name: V6.31-1 Date: 9-March-04

### Model A PROCESS I/O - Equipment #1 ServoBell, Opener

Rack	Slot	Pnt	Description	Rob#	Rack	Slot	Pnt	Description	Rob#
			Digital Outputs					Digital Inputs	
1	2	9	Eg1:pTRIG - Trigger	DO 257	1	9	1	Eg1:E-Stat HV ON	DIN 257
1	2	7	Eg1:BRAKE - Turbine Brake	DO 258	1	9	2	Eq1:E-Stat Setpoint Reached	DIN 258
1	1	1	Eg1:Reserved	DO 259-GO 13	1	9	3	Eq1:E-Stat Warning	DIN 259
1	1	2	Eq1:pIW - Injector Wash	DO 260-GO 13	1	9	4	Eq1:E-Stat Fault	DIN 260
1	1	3	Eq1:pBW - Bell Wash	DO 261-GO 13	1	9	5	Eq1:E-Stat Check OK	DIN 261
1	1	4	Eq1:pSOL - Purge Solvent	DO 262-GO 13	1	9	6	Eq1:E-Stat Remote	DIN 262
1	1	5	Eq1:pAIR - Purge Air	DO 263-GO 13	1	9	7	Eq1:Bear Air OK	DIN 263
1	1	6	Eq1:Reserved	DO 264-GO 13	1	9	8	Spare	DIN 264
1	1	7	Eq1:pDUMP - Dump	DO 265-GO 13	1	9	9	Opener Sensor 1 Made	DIN 265
1	1	8	Eq1:pCl Canister Inlet	DO 266-GO 13	1	9	10	Opener Sensor 1 Wire Not Broken	DIN 266
1	1	9	Eq1:pSEAL - Seal Air	DO 267-GO 13	1	9	11	Opener Sensor 2 Made	DIN 267
1	1	10	Eq1:pDCE - Dock Canister Enable	DO 268-GO 13	1	9	12	Opener Sensor 2 Wire Not Broken	DIN 268
1	1	11	Eq1:pFILL - Fill Valve	DO 269-GO 13	1	9	13	DSAE - Docking Station A Extended	DIN 269
1	1	12	Eq1:Reserved	DO 270-GO 13	1	9	14	DSAR- Docking Station A Extended  DSAR- Docking Station A Retracted	DIN 209 DIN 270
1	1	13	Eq1:Reserved	DO 270-GO 13 DO 271-GO 13	1	9	15	DSBE - Docking Station B Extended	DIN 270 DIN 271
1	1				1	9	16		DIN 271
		14	Eq1:pACWS - Applicator Cleaner Wash Select	DO 272-GO 13		9	16	DSBR Docking Station B Retracted	DIN 272
1	1	15	Eq1:ACA - Applicator Cleaner Air	DO 273-GO 13				Analog Outputs	
1	1	16	Eq1:pACS - Applicator Cleaner Solvent	DO 274-GO 13	1	3	1	Spare	ACUTA
					1	3	2	Eq1:BSC (Bell Speed Transducer)	AOUT 3
					1	4	1	Eq1:SAC (Shaping Air Command)	AOUT 7
					1	4	2	Spare	
								Analog Inputs	
					1	8	3	Eq1:E-Stat Ua	AIN 1
					1	8	4	Eq1:E-Stat KV	AIN 2
					1	8	2	Eq1:Bell Speed Feedback	AIN 6
								District Outside	
								Digital Outputs	DO 227
					1	2	1	Eq1:E-Stat HV ON	DO 307
					1	2	2	Eq1:E-Stat Step B0	DO 308 -GO 22
					1	2	3	Eq1:E-Stat Step B1	DO 309 -GO 22
					1	2	4	Eq1:E-Stat Step B2	DO 310-GO 22
					1	2	5	Eq1:E-Stat Safety Check	DO 311
					1	2	6	Spare	
					1	2	7	Eq1:BRAKE - Turbine Brake	DO 257
					1	2	8	Spare	DO 314
					1	2	9	Eq1:pTRIG - Trigger	DO 258
					1	2	10	Reserved	DO 323
					1	2	11	pPS1 - Paint Select	DO 324
					1	2	12	pPS2 - Paint Select 2	DO 325
					1	2	13	pEDSA - Extend Docking Station A	DO 326
					1	2	14	pRDSA - Retract Docking Station A	DO 327
					1	2	15	pEDSB- Extend Docking Station B	DO 328
					1	2	16	pRDSB- Retract Docking Station B	DO 329

PaintTool I/O Layout ject No: Rev:1.1

38

Project Name: V6.31-1 Project No: Date: 9-March-04

### Model A PROCESS I/O - Equipment #1 VersaBell, Opener (IPC 1K)

Rack	Slot	Pnt	Description	Rob#	Rack	Slot	Pnt	Description	Rob#
			Digital Outputs					Digital Inputs	
- 1	2	9	Eq1:pTRIG - Trigger	DO 257	1	9	1	Eq1:E-Stat HV ON	DIN 257
- 1	2	7	Eq1:BRAKE - Turbine Brake	DO 258	1	9	2	Eq1:E-Stat Setpoint Reached	DIN 258
1	1	1	Eq1:pPE - Paint Enable	DO 259-GO 13	1	9	3	Eq1:E-Stat Warning	DIN 259
1	1	2	Eq1:pIW - Injector Wash	DO 260-GO 13	1	9	4	Eq1:E-Stat Fault	DIN 260
1	1	3	Eq1:pBW - Bell Wash	DO 261-GO 13	1	9	5	Eq1:E-Stat Check OK	DIN 261
1	1	4	Eq1:pSOL - Purge Solvent	DO 262-GO 13	1	9	6	Eq1:E-Stat Remote	DIN 262
1	1	5	Eq1:pAIR - Purge Air	DO 263-GO 13	1	9	7	Eq1:Bear Air OK	DIN 263
1	1	6	Eg1:pCC - Purge Color Changer	DO 264-GO 13	1	9	8	Spare	DIN 264
1	1	7	Eq1:pDUMP – Dump	DO 265-GO 13	1	9	9	Opener Sensor 1 Made	DIN 265
1	1	8	Eq1:pFLUSH - Pump Flush	DO 266-GO 13	1	9	10	Opener Sensor 1 Wire Not Broken	DIN 266
1	1	9	Eq1:pSEAL - Seal Air	DO 267-GO 13	1	9	11	Opener Sensor 2 Made	DIN 267
1	1	10	Eq1:pDUMP2 - Dump #2	DO 268-GO 13	1	9	12	Opener Sensor 2 Wire Not Broken	
	1	11	Eq1:Reserved			9	12	Opener Sensor 2 Wire Not Broken	DIN 268
1				DO 269-GO 13					
1	1	12	Eq1:Reserved	DO 270-GO 13					
1	1	13	Eq1:pACWS - Applicator Cleaner Wash Select	DO 271-GO 13					
1	1	14	Eq1:pACWA - Applicator Cleaner Wash Air	DO 272-GO 13					
1	1	15	Eq1:ACA - Applicator Cleaner Air	DO 273-GO 13				Analog Outputs	
1	1	16	Eq1:pACS - Applicator Cleaner Solvent	DO 274-GO 13	1	3	1	Eq1:RIP (Resin Regulator Inlet Pilot)	AOUT 1
					1	3	2	Eq1:BSC (Bell Speed Transducer)	AOUT 3
1	7	1	Eq1:pC1	DO 275-GO 14	1	4	1	Eq1:SAC (Shaping Air Command)	AOUT 7
1	7	2	Eq1:pC2	DO 276-GO 14					
1	7	3	Eq1:pC3	DO 277-GO 14					
1	7	4	Eq1:pC4	DO 278-GO 14					
1	7	5	Eq1:pC5	DO 279-GO 14					
1	7	6	Eq1:pC6	DO 280-GO 14					
1	7	7	Eq1:pC7	DO 281-GO 14					
1	7	8	Eq1:pC8	DO 282-GO 14					
1	7	9	Eq1:pC9	DO 283-GO 14					
1	7	10	Eq1:pC10	DO 284-GO 14				Analog Inputs	
1	7	11	Eq1:pC11	DO 285-GO 14	1	8	3	Eq1:E-Stat Ua	AIN 1
1	7	12	Eq1:pC12	DO 286-GO 14	1	8	4	Eq1:E-Stat KV	AIN 2
1	7	13	Eq1:pC13	DO 287-GO 14	1	8	2	Eq1:Bell Speed Feedback	AIN 6
1	7	14	Eq1:pC14	DO 288-GO 14	1	9	1	Eg1:P1OP (Resin Pump Outlet Pressure)	AIN 11
1	7	15	Eq1:pC15	DO 289-GO 14			'	Legili (riesiii i ump outiet i ressure)	7.114 11
1	7	16	Eq1:pC16	DO 290-GO 14					
1	7	17	Eq1:pC17	DO 291-GO 15					
1	7	18	Eq1:pC18	DO 291-GO 15 DO 292-GO 15					
								Digital Outputs	
1	7	19 20	Eq1:pC19	DO 293-GO 15	4	2	4	Digital Outputs	DO 307
1			Eq1:pC20	DO 294-GO 15	1	2	1	Eq1:E-Stat HV ON	
1	7	21	Eq1:pC21	DO 295-GO 15	1	2	2	Eq1:E-Stat Step B0	DO 308 -GO 22
1	7	22	Eq1:pC22	DO 296-GO 15	1	2	3	Eq1:E-Stat Step B1	DO 309 -GO 22
1	7	23	Eq1:pC23	DO 297-GO 15	1	2	4	Eq1:E-Stat Step B2	DO 310-GO 22
1	7	24	Eq1:pC24	DO 298-GO 15	1	2	5	Eq1:E-Stat Safety Check	DO 311
					1	2	6	Spare	
					1	2	7	Eq1:BRAKE - Turbine Brake	DO 257
					1	2	8	Spare	DO 314
					1	2	9	Eq1:pTRIG - Trigger	DO 258
					1	2	10	Eq1:ACVA (Applicator Cleaner Vacuum Air)	DO 323
					1	2	11	Reserved	DO 324
					1	2	12	Reserved	DO 325
					1	2	13	Reserved	DO 326
					1	2	14	Reserved	DO 327
					1	2	15	Reserved	DO 328
					1	2	16	Reserved	DO 329

PaintTool I/O Layout ject No: Rev:1.1

39

Project Name: V6.31-1 Project No: Date: 9-March-04

### Model A PROCESS I/O - Equipment #1 VersaBell, Opener (IPC 2K)

Rack	Slot	Pnt	Description	Rob#	Rack	Slot	Pnt	Description	Rob#
raon	Olot		Digital Outputs	1100 11	1 1001	Ciot		Digital Inputs	1100 11
1	2	9	Eq1:pTRIG - Trigger	DO 257	1	9	1	Eq1:E-Stat HV ON	DIN 257
1	2	7	Eq1:BRAKE - Turbine Brake	DO 258	1	9	2	Eq1:E-Stat Setpoint Reached	DIN 258
1	1	1	Eq1:pPE - Paint Enable	DO 259-GO 13	1	9	3	Eq1:E-Stat Warning	DIN 259
1	1	2	Eq1:pIW - Injector Wash	DO 260-GO 13	1	9	4	Eq1:E-Stat Fault	DIN 260
1	1	3	Eq1:pBW - Bell Wash	DO 261-GO 13	1	9	5	Eq1:E-Stat Check OK	DIN 261
1	1	4	Eq1:pSOL - Purge Solvent	DO 262-GO 13	1	9	6	Eq1:E-Stat Greek OK	DIN 262
1	1	5	Eq1:pAIR - Purge Air	DO 263-GO 13	1	9	7	Eq1:Bear Air OK	DIN 263
1	1	6	Eq1:pCC - Purge Color Changer	DO 264-GO 13	1	9	8	Spare	DIN 264
1	1	7	Eq1:pDUMP – Dump	DO 265-GO 13	1	9	9	Opener Sensor 1 Made	DIN 265
1	1	8		DO 266-GO 13	1	9	10		DIN 265 DIN 266
			Eq1:pFLUSH - Pump Flush				-	Opener Sensor 1 Wire Not Broken	
1	1	9	Eq1:pSEAL - Seal Air	DO 267-GO 13	1	9	11	Opener Sensor 2 Made	DIN 267
1	1	10	Eq1:pDUMP2 – Dump #2	DO 268-GO 13	1	9	12	Opener Sensor 2 Wire Not Broken	DIN 268
1	1	11	Eq1:pCAT – Catalyst Enable	DO 269-GO 13					
1	1	12	Eq1:pCC2 – Purge Color Changer 2	DO 270-GO 13					
1	1	13	Eq1:pSOL2 – Catalyst Solvent	DO 271-GO 13					
1	1	14	Eq1:pFLUSH2 – Catalyst Flush	DO 272-GO 13					
1	1	15	Eq1:ACA	DO 273-GO 13				Analog Outputs	
1	1	16	Eq1:pACS	DO 274-GO 13	1	3	1	Eq1:RIP (Resin Regulator Inlet Pilot)	AOUT 1
					1	3	2	Eq1:BSC (Bell Speed Transducer)	AOUT 3
1	7	1	Eq1:pC1	DO 275-GO 14	1	4	1	Eq1:SAC (Shaping Air Command)	AOUT 7
1	7	2	Eq1:pC2	DO 276-GO 14	1	5	1	Eq1:CIP (Catalyst Regulator Inlet Pilot)	AOUT 5
1	7	3	Eq1:pC3	DO 277-GO 14					
1	7	4	Eq1:pC4	DO 278-GO 14					
1	7	5	Eq1:pC5	DO 279-GO 14					
1	7	6	Eq1:pC6	DO 280-GO 14					
1	7	7	Eq1:pC7	DO 281-GO 14					
1	7	8	Eq1:pC8	DO 282-GO 14					
1	7	9	Eq1:pC9	DO 283-GO 14					
1	7	10	Eq1:pC10	DO 284-GO 14				Analog Inputs	
1	7	11	Eq1:pC10	DO 285-GO 14	1	8	3	Eq1:E-Stat Ua	AIN 1
	7	12			1	8	4	Eg1:E-Stat KV	AIN 1 AIN 2
1			Eq1:pC12	DO 286-GO 14		8	2		AIN 2 AIN 6
1	7	13	Eq1:pC13	DO 287-GO 14	1			Eq1:Bell Speed Feedback	
1	7	14	Eq1:pC14	DO 288-GO 14	1	6	1	Eq1:P1OP (Resin Pump Outlet Pressure)	AIN 11
1	7	15	Eq1:pC15	DO 289-GO 14	1	6	2	Eq1:P2OP (Catalyst Pump Outlet Pressure)	AIN 13
1	7	16	Eq1:pC16	DO 290-GO 14					
1	7	17	Eq1:pC17	DO 291-GO 15					
1	7	18	Eq1:pC18	DO 292-GO 15					
1	7	19	Eq1:pC19	DO 293-GO 15				Digital Outputs	
1	7	20	Eq1:pC20	DO 294-GO 15	1	2	1	Eq1:E-Stat HV ON	DO 307
1	7	21	Eq1:pC21	DO 295-GO 15	1	2		Eq1:E-Stat Step B0	DO 308 -GO 22
1	7	22	Eq1:pC22	DO 296-GO 15	1	2	3	Eq1:E-Stat Step B1	DO 309 -GO 22
1	7	23	Eq1:pC23	DO 297-GO 15	1	2	4	Eq1:E-Stat Step B2	DO 310-GO 22
1	7	24	Eq1:pC24	DO 298-GO 15	1	2	5	Eq1:E-Stat Safety Check	DO 311
					1	2	6	Spare	
					1	2	7	Eq1:BRAKE - Turbine Brake	DO 257
					1	2	8	Spare	DO 314
					1	2	9	Eq1:pTRIG - Trigger	DO 258
					1	2	10	Eg1:ACVA (Applicator Cleaner Vacuum Air)	DO 323
					1	2	11	Eq1:pH1	DO 324-GO 11
					1	2	12	Eq1:pH2	DO 325-GO 11
					1	2	13	Reserved	DO 326
					1	2	14	Reserved	DO 320 DO 327
					1	2	15	Reserved	DO 327 DO 328
					1	2	16	Reserved	DO 328 DO 329
					'		10	I ICSCI VCU	DO 329