# PaintTool V7.50 Enhanced I/O

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

# PaintTool V7.50 Enhanced I/O

Pnt	Description	Rob#	PLC#	Pnt	Description	Rob#	PLC#
1	UOP Emergency Stop *	UI 1	1	65	Eq6:Init Data Bit 6/Job Data Bit 6	GI 6	65
2	UOP Hold *	UI 2	2	66	Eg6:Init Data Bit 7/Job Data Bit 7	GI 6	66
3	UOP Safe Speed *	UI 3	3	67	Eq6:Init Data Bit 8/Job Data Bit 8	GI 6	67
4	UOP Cycle Stop	UI 4	4	68	Eq6:Init Data Bit 9/Job Data Bit 9	GI 6	68
5	UOP Reset	UI 5	5	69	Eq1:Init Type B0	GI 7	69
6	UOP Cycle Start	UI 6	6	70	Eq1:Init Type B1	GI 7	70
7	UOP Home	UI 7	7	71	Eq1:Init Type B2	GI 7	71
8	UOP Enable *	UI 8	8	72	Eq1:Init Type B3	GI 7	72
9	Eq1:Init Data Bit 0/Job Data Bit 0	GI 1	9	73	Eq2:Init Type B0	GI 8	73
10	Eq1:Init Data Bit 1/Job Data Bit 1	GI 1	10	74	Eq2:Init Type B1	GI 8	74
11	Eq1:Init Data Bit 2/Job Data Bit 2	GI 1	11	75	Eq2:Init Type B2	GI 8	75 70
12	Eq1:Init Data Bit 3/Job Data Bit 3	GI 1 GI 1	12 13	76	Eq2:Init Type B3	GI 8 GI 9	76 77
13 14	Eq1:Init Data Bit 4/Job Data Bit 4	GI 1	14	77 78	Eq3:Init Type B0	GI 9	77
15	Eq1:Init Data Bit 5/Job Data Bit 5	GI 1	15	79	Eq3:Init Type B1	GI 9	78 79
16	Eq1:Init Data Bit 6/Job Data Bit 6 Eq1:Init Data Bit 7/Job Data Bit 7	GI 1	16	80	Eq3:Init Type B2 Eq3:Init Type B3	GI 9	80
10	Eq1.iiii Data Bit 7/300 Data Bit 7	GIT	10	00	Eqs.iiii Type B3	GIS	00
17	Eq1:Init Data Bit 8/Job Data Bit 8	GI 1	17	81	Eq4:Init Type B0	GI 10	81
18	Eq1:Init Data Bit 9/Job Data Bit 9	GI 1	18	82	Eq4:Init Type B1	GI 10	82
19	Eq2:Init Data Bit 0/Job Data Bit 0	GI 2	19	83	Eq4:Init Type B2	GI 10	83
20	Eq2:Init Data Bit 1/Job Data Bit 1	GI 2	20	84	Eq4:Init Type B3	GI 10	84
21	Eq2:Init Data Bit 2/Job Data Bit 2	GI 2	21	85	Eq5:Init Type B0	GI 11	85
22	Eq2:Init Data Bit 3/Job Data Bit 3	GI 2	22	86	Eq5:Init Type B1	GI 11	86
23	Eq2:Init Data Bit 4/Job Data Bit 4	GI 2	23	87	Eq5:Init Type B2	GI 11	87
24	Eq2:Init Data Bit 5/Job Data Bit 5	GI 2	24	88	Eq5:Init Type B3	GI 11	88
25	Eq2:Init Data Bit 6/Job Data Bit 6	GI 2	25	89	Eq6:Init Type B0	GI 12	89
26	Eq2:Init Data Bit 7/Job Data Bit 7	GI 2	26	90	Eq6:Init Type B1	GI 12	90
27	Eq2:Init Data Bit 8/Job Data Bit 8	GI 2	27	91	Eq6:Init Type B2	GI 12	91
28	Eq2:Init Data Bit 9/Job Data Bit 9	GI 2	28	92	Eq6:Init Type B3	GI 12	92
29	Eq3:Init Data Bit 0/Job Data Bit 0	GI 3	29	93	Eq1:Detect Seq. B0	GI 13	93
30	Eq3:Init Data Bit 1/Job Data Bit 1	GI 3	30	94	Eq1:Detect Seq. B1	GI 13	94
31 32	Eq3:Init Data Bit 2/Job Data Bit 2 Eq3:Init Data Bit 3/Job Data Bit 3	GI 3	31 32	95 96	Eq1:Detect Seq. B2 Eq2:Detect Seq. B0	GI 13 GI 14	95 96
00		010	00	07	5 0 0 1 10 10	0144	07
33	Eq3:Init Data Bit 4/Job Data Bit 4	GI 3	33	97	Eq2:Detect Seq. B1	GI 14	97
34	Eq3:Init Data Bit 5/Job Data Bit 5	GI 3	34	98	Eq2:Detect Seq. B2	GI 15	98
35	Eq3:Init Data Bit 6/Job Data Bit 6	GI 3	35	99	Eq3:Detect Seq. B0	GI 15	99
36 27	Eq3:Init Data Bit 7/Job Data Bit 7	GI 3	36 37	100	Eq3:Detect Seq. B1	GI 15 GI 16	100
37 38	Eq3:Init Data Bit 8/Job Data Bit 8	GI 3	38	101	Eq3:Detect Seq. B2		101 102
39	Eq3:Init Data Bit 9/Job Data Bit 9 Eq4:Init Data Bit 0/Job Data Bit 0	GI 4	39	102	Eq4:Detect Seq. B0 Eq4:Detect Seq. B1	GI 16 GI 16	102
40	Eq4:Init Data Bit 0/300 Data Bit 0	GI 4	40	103	Eq4:Detect Seq. B1	GI 17	103
41	Eq4:Init Data Bit 1/300 Data Bit 1	GI 4	41	105	Eq5:Detect Seq. B2	GI 17	105
12	Eq4:Init Data Bit 3/Job Data Bit 3	GI 4	42	106	Eq5:Detect Seq. B1	GI 17	106
13	Eq4:Init Data Bit 4/Job Data Bit 4	GI 4	43	107	Eq5:Detect Seq. B1	GI 18	107
14	Eq4:Init Data Bit 4/300 Data Bit 4	GI 4	44	108	Eq6:Detect Seq. B2	GI 18	108
5	Eq4:Init Data Bit 6/Job Data Bit 6	GI 4	45	109	Eq6:Detect Seq. B1	GI 18	109
6	Eq4:Init Data Bit 7/Job Data Bit 7	GI 4	46	110	Eq6:Detect Seq. B2	DI 110	110
7	Eg4:Init Data Bit 8/Job Data Bit 8	GI 4	47	111	Eq1:Init Job Strobe	DI 111	111
8	Eq4:Init Data Bit 9/Job Data Bit 9	GI 4	48		Eq2:Init Job Strobe	DI 112	112
9	Eg5:Init Data Bit 0/Job Data Bit 0	GI 5	49	113	Eg3:Init Job Strobe	DI 113	113
0	Eq5:Init Data Bit 1/Job Data Bit 1	GI 5	50	114	Eq4:Init Job Strobe	DI 114	114
1	Eq5:Init Data Bit 2/Job Data Bit 2	GI 5	51	115	Eq5:Init Job Strobe	DI 115	115
2	Eq5:Init Data Bit 3/Job Data Bit 3	GI 5	52	116	Eq6:Init Job Strobe	DI 116	116
3	Eq5:Init Data Bit 4/Job Data Bit 4	GI 5	53	117	Eq1:Part Detect (Line/Rail Tracking option)	DI 117	117
4	Eq5:Init Data Bit 5/Job Data Bit 5	GI 5	54	118	Eq2:Part Detect (Line/Rail Tracking option)	DI 118	118
5	Eq5:Init Data Bit 6/Job Data Bit 6	GI 5	55	119	Eq3:Part Detect (Line/Rail Tracking option)	DI 119	119
6	Eq5:Init Data Bit 7/Job Data Bit 7	GI 5	56	120	Eq4:Part Detect (Line/Rail Tracking option)	DI 120	120
7	Eq5:Init Data Bit 7/300 Data Bit 7	GI 5	57	121	Eg5:Part Detect (Line/Rail Tracking option)	DI 120	121
8	Eq5:Init Data Bit 9/Job Data Bit 9	GI 5	58	122	Eq6:Part Detect (Line/Rail Tracking option)	DI 121	121
9	Eq6:Init Data Bit 9/Job Data Bit 9	GI 6	59	123	Eq1:Clear Track Queue (Line/Rail Tracking option)	DI 122	123
	Eq6:Init Data Bit 0/300 Data Bit 0	GI 6	60	123	Eq2:Clear Track Queue (Line/Rail Tracking option)		123
i0 i1	Eq6:Init Data Bit 1/300 Data Bit 1	GI 6	61	125	Eq2:Clear Track Queue (Line/Rail Tracking option)		124
2	Eq6:Init Data Bit 2/Job Data Bit 2	GI 6	62	125	Eq3:Clear Track Queue (Line/Rail Tracking option) Eq4:Clear Track Queue (Line/Rail Tracking option)		125
33	Eq6:Init Data Bit 3/Job Data Bit 3	GI 6	63	126	Eq5:Clear Track Queue (Line/Rail Tracking option)		126
	ובקט.ווווג שמומ שונ איטטט שמומ שונ א	ui 0	00	128	Eqs. Clear Track Queue (Line/Rail Tracking option)	01 121	121

# Remote Inputs

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# **CELL I/O Inputs [129 - 256]**

# PaintTool V7.50 Enhanced I/O

Pnt	Description	Rob#	PLC#	Pnt	Description	Rob#	PLC#
129	Start Job	DI 129	129	193	Eg5:Run FCR	DI 193	193
130	Simulate Conveyor (Line/Rail Tracking option)	DI 130	130	194	Eg6:Run FCR	DI 194	194
131	Production	DI 131	131	195	Eq1:Cancel Next Job	DI 195	195
132	Not Production (Teach)	DI 132	132	196	Eg2:Cancel Next Job	DI 196	196
133	Manual	DI 133	133	197	Eg3:Cancel Next Job	DI 197	197
134	Opener Part Held Ignore (Opener option)	DI 134	134	198	Eq4:Cancel Next Job	DI 198	198
135	Eq1:Not Bypassed	DI 135	135	199	Eq5:Cancel Next Job	DI 199	199
136	Eg2:Not Bypassed	DI 136	136	200	Eq6:Cancel Next Job	DI 200	200
	, , , , , , , , , , , , , , , , , , , ,			201	· ·		
137	Eq3:Not Bypassed	DI 137	137		Eq1:Application Outputs Enable	DI 201	201
138	Eq4:Not Bypassed	DI 138	138	202	Eq2:Application Outputs Enable	DI 202	202
39	Eq5:Not Bypassed	DI 139	139	203	Eq3:Application Outputs Enable	DI 203	203
140	Eq6:Not Bypassed	DI 140	140	204	Eq4:Application Outputs Enable	DI 204	204
141	R1 Bypassed (Macro Communication Option)	DI 141	141	205	Eq1:Applicator Enable	DI 205	205
142	R2 Bypassed (Macro Communication Option)	DI 142	142	206	Eq2:Applicator Enable	DI 206	206
143	R3 Bypassed (Macro Communication Option)	DI 143	143	207	Eq3:Applicator Enable	DI 207	207
144	R4 Bypassed (Macro Communication Option)	DI 144	144	208	Eq4:Applicator Enable	DI 208	208
145	R5 Bypassed (Macro Communication Option)	DI 145	145	209	Eq1:Pushout Request (Color Change option)	DI 209	209
146	R6 Bypassed (Macro Communication Option)	DI 146	146	210	Eq2:Pushout Request (Color Change option)	DI 210	210
147	R7 Bypassed (Macro Communication Option)	DI 147	147	211	Eq3:Pushout Request (Color Change option)	DI 211	211
48	R8 Bypassed (Macro Communication Option)	DI 148	148	212	Eq4:Pushout Request (Color Change option)	DI 212	212
49	D1 Bypassed (Macro Communication Option)	DI 149	149	213	Eq1:Automatic Cap Clean (Color Change option)	DI 213	213
150	D2 Bypassed (Macro Communication Option)	DI 150	150	214	Eq2:Automatic Cap Clean (Color Change option)	DI 214	214
151	D3 Bypassed (Macro Communication Option)	DI 151	151	215	Eg3:Automatic Cap Clean (Color Change option)	DI 215	215
152	D4 Bypassed (Macro Communication Option)	DI 152	152	216	Eq4:Automatic Cap Clean (Color Change option)	DI 216	216
153	D5 Bypassed (Macro Communication Option)	DI 153	153	217	Eq1:Application Trigger Test (App Parm option)	DI 217	217
154	D6 Bypassed (Macro Communication Option)	DI 154	154	218	Eq2:Application Trigger Test (App Parm option)	DI 218	218
155	H1 Bypassed (Macro Communication Option)	DI 154	155	219	Eq3:Application Trigger Test (App Parm option)	DI 219	219
156		DI 156	156	220	Eq4:Application Trigger Test (App Parm option)	DI 220	220
	H2 Bypassed (Macro Communication Option)					-	
157	H3 Bypassed (Macro Communication Option)	DI 157	157	221	Eq1:Reset Paint Total (All Fluid flow options)	DI 221	221
58	H4 Bypassed (Macro Communication Option)	DI 158	158	222	Eq2:Reset Paint Total (All Fluid flow options)	DI 222	222
159	H5 Bypassed (Macro Communication Option)	DI 159	159	223	Eq3:Reset Paint Total (All Fluid flow options)	DI 223	223
160	H6 Bypassed (Macro Communication Option)		160	224	Eq4:Reset Paint Total (All Fluid flow options)	DI 224	224
161	Special Position B0	GI 19	161	225	Eq1:Bell Enable (VersaBell option)	DI 225	225
162	Special Position B1	GI 19	162	226	Eq2:Bell Enable (VersaBell option)	DI 226	226
163	Special Position B2	GI 19	163	227	Eq3:Bell Enable (VersaBell option)	DI 227	227
164	Special Position B3	GI 19	164	228	Eq4:Bell Enable (VersaBell option)	DI 228	228
165	Special Move Enable G:1	DI 165	165	229	Eq1:Estat Enable (VersaBell option)	DI 229	229
166	Special Move Enable G:2	DI 166	166	230	Eq2:Estat Enable (VersaBell option)	DI 230	230
167	Special Move Enable G:3	DI 167	167	231	Eq3:Estat Enable (VersaBell option)	DI 231	231
168	Special Move Enable G:4	DI 168	168	232	Eq4:Estat Enable (VersaBell option)		232
69	Special Move Enable G:5	DI 169	169	233	Eq1:Pump Sel B0 (Integral Pump Control option)	GI 20	233
170	Special Move Enable G:6	DI 170	170	234	Eq1:Pump Sel B1 (Integral Pump Control option)	GI 20	234
171	Eq1:Safe to Home	DI 171	171	235	Eq2:Pump Sel B0 (Integral Pump Control option)	GI 21	235
172	Eg2:Safe to Home	DI 172	172	236	Eq2:Pump Sel B1 (Integral Pump Control option)	GI 21	236
73	Eg3:Safe to Home	DI 173	173	237	Eq3:Pump Sel B0 (Integral Pump Control option)	GI 22	237
74	Eq4:Safe to Home	DI 174	174	238	Eq3:Pump Sel B1 (Integral Pump Control option)	GI 22	238
175	Eg5:Safe to Home	DI 175	175	239	Eq4:Pump Sel B0 (Integral Pump Control option)	GI 23	239
	Eq6:Safe to Home	DI 176	176	240	Eq4:Pump Sel B1 (Integral Pump Control option)	GI 23	240
177	Eq1:Cancel Job	DI 177	177	241	Eq1:Start Autocal(All Fluid flow options)	DI 241	241
					Eq2:Start Autocal(All Fluid flow options)		
78	Eq2:Cancel Job	DI 178	178	242		DI 242	242
79	Eq3:Cancel Job	DI 179	179	243	Eq3:Start Autocal(All Fluid flow options)	DI 243	243
80	Eq4:Cancel Job	DI 180	180	244	Eq4:Start Autocal(All Fluid flow options)	DI 244	244
81	Eq5:Cancel Job	DI 181	181	245	Eq1:Next Color Same/Select Total/Select Open Loop (Waterborne, IPC, AccuFlow)	DI 245	245
82	Eq6:Cancel Job	DI 182	182	246	Eq2:Next Color Same/Select Total/Select Open Loop (Waterborne, IPC)	DI 246	246
183	Eq1:Continue Job	DI 183	183	247	Eq3:Next Color Same/Select Total (Waterborne,	DI 247	247
84	Eq2:Continue Job	DI 184	184	248	IPC) Eq4:Next Color Same/Select Total (Waterborne,	DI 248	248
.0.	Fa0rCantinua lah	DL 405	105	0.40	IPC)		0.40
85	Eq3:Continue Job	DI 185	185	249	CC Cycle B0 (Color Change option)	GI 24	249
86	Eq4:Continue Job	DI 186	186	250	CC Cycle B1 (Color Change option)	GI 24	250
87	Eq5:Continue Job	DI 187	187	251	CC Cycle B2 (Color Change option)	GI 24	251
88	Eq6:Continue Job	DI 188	188	252	CC Cycle B3 (Color Change option)	GI 24	252
89	Eq1:Run FCR	DI 189	189	253	Spare	DI 253	253
90	Eq2:Run FCR	DI 190	190	254	Spare	DI 254	254
191	Eg3:Run FCR	DI 191	191	255	Spare	DI 255	255
	Eg4:Run FCR	DI 192	192	256	Automatic Backup Request	DI 256	256

Remote Inputs

### **CELL I/O Inputs [257 - 384]**

### PaintTool V7.50 Enhanced I/O

Pnt	Description	Rob#	PLC#	Pnt	Description	Rob #	PLC#
257	See below (Color Change option)	GI 25	257	321	See below (Color Change option)	GI 32	321
258	See below (Color Change option)	GI 25	258	322	See below (Color Change option)	GI 32	322
259	See below (Color Change option)	GI 25	259	323	See below (Color Change option)	GI 32	323
260	See below (Color Change option)	GI 25	260	324	See below (Color Change option)	GI 32	324
261	See below (Color Change option)	GI 26	261	325	See below (Color Change option)	GI 32	325
262	See below (Color Change option)	GI 26	262	326	See below (Color Change option)	GI 32	326
263	See below (Color Change option)	GI 26	263	327	See below (Color Change option)	GI 32	327
264	See below (Color Change option)	GI 26	264	328	See below (Color Change option)	GI 32	328
265	See below (Color Change option)	GI 27	265	329	See below (Color Change option)	GI 32	329
266	See below (Color Change option)	GI 27	266	330	See below (Color Change option)	GI 32	330
267	See below (Color Change option)	GI 27	267	331	See below (Color Change option)	GI 32	331
268	See below (Color Change option)	GI 27	268	332	See below (Color Change option)	GI 32	332
269	See below (Color Change option)	GI 28	269	333	See below (Color Change option)	GI 32	333
270	See below (Color Change option)	GI 28	270	334	See below (Color Change option)	GI 32	334
271	See below (Color Change option)	GI 28	271	335	See below (Color Change option)	GI 32	335
272	See below (Color Change option)	GI 28	272	336	See below (Color Change option)	GI 32	336
273	See below (Color Change option)	GI 29	273	337	See below (Color Change option)	GI 33	337
274	See below (Color Change option)	GI 29	274	338	See below (Color Change option)	GI 33	338
275	See below (Color Change option)	GI 29	275	339	See below (Color Change option)	GI 33	339
276	See below (Color Change option)	GI 29	276	340	See below (Color Change option)	GI 33	340
277	See below (Color Change option)	GI 29	277	341	See below (Color Change option)	GI 33	341
278	See below (Color Change option)	GI 29	278	342	See below (Color Change option)	GI 33	342
279	See below (Color Change option)	GI 29	279	343	See below (Color Change option)	GI 33	343
280	See below (Color Change option)	GI 29	280	344	See below (Color Change option)	GI 33	344
281	See below (Color Change option)	GI 29	281	345	See below (Color Change option)	GI 33	345
282	See below (Color Change option)	GI 29	282	346	See below (Color Change option)	GI 33	346
283	See below (Color Change option)	GI 29	283	347	See below (Color Change option)	GI 33	347
284	See below (Color Change option)	GI 29	284	348	See below (Color Change option)	GI 33	348
285	See below (Color Change option)	GI 29	285	349	See below (Color Change option)	GI 33	349
286	See below (Color Change option)	GI 29	286	350	See below (Color Change option)	GI 33	350
287	See below (Color Change option)	GI 29	287	351	See below (Color Change option)	GI 33	351
288	See below (Color Change option)	GI 29	288	352	See below (Color Change option)	GI 33	352
289	See below (Color Change option)	GI 30	289	353	See below (Color Change option)	GI 34	353
290	See below (Color Change option)	GI 30	290	354	See below (Color Change option)	GI 34	354
291	See below (Color Change option)	GI 30	291	355	See below (Color Change option)	GI 34	355
292	See below (Color Change option)	GI 30	292	356	See below (Color Change option)	GI 34	356
293	See below (Color Change option)	GI 30	293	357	See below (Color Change option)	GI 34	357
294	See below (Color Change option)	GI 30	294	358	See below (Color Change option)	GI 34	358
295	See below (Color Change option)	GI 30	295	359	See below (Color Change option)	GI 34	359
296	See below (Color Change option)	GI 30	296	360	See below (Color Change option)	GI 34	360
297	See below (Color Change option)	GI 30	297	361	See below (Color Change option)	GI 34	361
298	See below (Color Change option)	GI 30	298	362	See below (Color Change option)	GI 34	362
299	See below (Color Change option)	GI 30	299	363	See below (Color Change option)	GI 34	363
300	See below (Color Change option)	GI 30	300	364	See below (Color Change option)	GI 34	364
301	See below (Color Change option)	GI 30	301	365	See below (Color Change option)	GI 34	365
302	See below (Color Change option)	GI 30	302	366	See below (Color Change option)	GI 34	366
303	See below (Color Change option)	GI 30	303	367	See below (Color Change option)	GI 34	367
304	See below (Color Change option)	GI 30	304	368	See below (Color Change option)	GI 34	368
305	See below (Color Change option)	GI 31	305	369	See below (Color Change option)	GI 35	369
306	See below (Color Change option)	GI 31	306	370	See below (Color Change option)	GI 35	370
307	See below (Color Change option)	GI 31	307	371	See below (Color Change option)	GI 35	371
308	See below (Color Change option)	GI 31	308	372	See below (Color Change option)	GI 35	372
309	See below (Color Change option)	GI 31	309	373	See below (Color Change option)	GI 35	373
310	See below (Color Change option)	GI 31	310	374	See below (Color Change option)	GI 35	374
311	See below (Color Change option)	GI 31	311	375	See below (Color Change option)	GI 35	375
312	See below (Color Change option)	GI 31	312	376	See below (Color Change option)	GI 35	376
313	See below (Color Change option)	GI 31	313	377	See below (Color Change option)	GI 35	377
314	See below (Color Change option)	GI 31	314	378	See below (Color Change option)	GI 35	378
315	See below (Color Change option)	GI 31	315	379	See below (Color Change option)	GI 35	379
316	See below (Color Change option)	GI 31	316	380	See below (Color Change option)	GI 35	380
317	See below (Color Change option)	GI 31	317	381	See below (Color Change option)	GI 35	381
318	See below (Color Change option)	GI 31	318	382	See below (Color Change option)	GI 35	382
		GI 31	319	383	See below (Color Change option)	GI 35	383
319	See below (Color Change option)		013 1	000		(31.55)	300

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# CELL I/O Inputs [385 - 448] PaintTool V7.50 Enhanced I/O

Pnt	Description	Rob #	PLC#	Pnt	Description	Rob#	PLC#
385	See below (Color Change option)	GI 36	385				
	See below (Color Change option)	GI 36	386				
387	See below (Color Change option)	GI 36	387				
888	See below (Color Change option)	GI 36	388				
	See below (Color Change option)	GI 36	389				
	See below (Color Change option)	GI 36	390				
	See below (Color Change option)	GI 36	391				
	See below (Color Change option)	GI 36	392				
	See below (Color Change option)	GI 36	393				
	See below (Color Change option)	GI 36	394				
	See below (Color Change option)	GI 36	395				
	See below (Color Change option)	GI 36	396				
	See below (Color Change option)	GI 36	397				
	See below (Color Change option)	GI 36	398				
	See below (Color Change option)	GI 36	399				
400	See below (Color Change option)	GI 36	400				
401	MCP Joint (Manual Jog Panel option)	DI 401	401				
	MCP World (Manual Jog Panel option)	DI 402	402				
	MCP Device B1 (Manual Jog Panel option)	DI 403	403				
	MCP Device B2 (Manual Jog Panel option)	DI 404	404				
	MCP Device B3 (Manual Jog Panel option)	DI 405	405				
	MCP Axis B1 (Manual Jog Panel option)	DI 406	406				
	MCP Axis B2 (Manual Jog Panel option)	DI 407	407				
	MCP Axis B3 (Manual Jog Panel option)	DI 408	408				
	MCP Plus Jog (Manual Jog Panel option)	DI 409	409				
	MCP Minus Jog (Manual Jog Panel option)	DI 410	410				
	Spare	DI 411	411				
	Spare	DI 412	412				
	Spare	DI 413	413 414				
	Spare	DI 414	414				
	Spare Spare	DI 415	416				
	S-p-11-2						
417	Spare	DI 417	417				
	Spare	DI 418	418				
	Spare	DI 419	419				
	Spare	DI 420	420				
	Spare	DI 421	421				
	Spare	DI 422	422				
	Spare	DI 423	423				
	Spare	DI 424	424				
	Spare	DI 425	425				
	Spare	DI 426	426				
	Spare	DI 427	427				
	Spare	DI 428	428				
	Spare	DI 429 DI 430	429 430				
	Spare						
	Spare	DI 431 DI 432	431 432				
432	Spare	DI 432	432				
	Spare	DI 433	433				
	Spare	DI 434	434				
	Spare	DI 435	435				
	Spare	DI 436	436				
	Spare	DI 437	437				
	Spare	DI 438	438				
	Spare	DI 439	439				
	Spare	DI 440	440				
	Spare	DI 441	441				
	Spare	DI 442	442				
	Spare	DI 443	443				
	Spare	DI 444	444				
	Spare	DI 445	445				
	Spare	DI 446	446				
	Spare	DI 447	447				
448	Spare	DI 448	448				

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

### PaintTool V7.50 Enhanced I/O

Pnt	Description	Rob#	PLC#	Pnt	Description	Rob #	PLC#
1	UOP Command Enable	UO 1	1	65	Eq5:Job Ready	DO 65	65
2	UOP System Ready	UO 2	2	66	Eg6:Job Ready	DO 66	66
3	UOP Program Running	UO 3	3	67	Eq1:Job Complete	DO 67	67
4	UOP Robot Paused	UO 4	4	68	Eg2:Job Complete	DO 68	68
5	UOP Robot Held	UO 5	5	69	Eq3:Job Complete	DO 69	69
6	UOP Fault	UO 6	6	70	Eq4:Job Complete	DO 70	70
7	UOP At Perch	UO 7	7	71	Eq5:Job Complete	DO 71	71
8	UOP TP Enable	UO 8	8	72	Eq6:Job Complete	DO 72	72
9	Fault Data B0	GO 1	9	73	Eq1:Executing Motion	DO 72	73
10	Fault Data B1	GO 1	10	74	Eq2:Executing Motion	DO 73	73 74
	Fault Data B2	GO 1	11	75	Eq3:Executing Motion	DO 74	74 75
11							
12	Fault Data B3	GO 1	12	76	Eq4:Executing Motion	DO 76	76
13	Fault Data B4	GO 1	13	77	Eq5Executing Motion	DO 77	77
14	Fault Data B5	GO 1	14	78	Eq6Executing Motion	DO 78	78
15	Fault Data B6	GO 1	15	79	Eq1:Wait for Cancel/Continue	DO 79	79
16	Fault Data B7	GO 1	16	80	Eq2:Wait for Cancel/Continue	DO 80	80
17	Fault Data Bit 8	GO 1	17	81	Eq3:Wait for Cancel/Continue	DO 81	81
18	Fault Data Bit 9	GO 1	18	82	Eq4:Wait for Cancel/Continue	DO 82	82
19	Fault Data Bit 10	GO 1	19	83	Eg5:Wait for Cancel/Continue	DO 83	83
20	Fault Strobe	DO 20	20	84	Eq6:Wait for Cancel/Continue	DO 84	84
21	Heartbeat	DO 21	21	85	Eq1:Wait for Cancel	DO 85	85
22	Major Fault	DO 22	22	86	Eg2:Wait for Cancel	DO 86	86
23	Booth Reset	DO 23	23	87	Eq3:Wait for Cancel	DO 87	87
24	MCP Jog Active (Manual Jog Panel option)	DO 23	24	88	Eq4:Wait for Cancel	DO 87	88
25		DO 24	25	89	Eq5:Wait for Cancel	DO 89	89
	Eq1:Initiate Acknowledge						
26	Eq2:Initiate Acknowledge	DO 26	26	90	Eq6:Wait for Cancel	DO 90	90
27	Eq3:Initiate Acknowledge	DO 27	27	91	Eq1:At Special Position B0	GO 2	91
28	Eq4:Initiate Acknowledge	DO 28	28	92	Eq1:At Special Position B1	GO 2	92
29	Eq5:Initiate Acknowledge	DO 29	29	93	Eq1:At Special Position B2	GO 2	93
30	Eq6:Initiate Acknowledge	DO 30	30	94	Eq1:At Special Position B3	GO 2	94
31	Eq1:Tracking Queue Empty (Line/Rail Tracking option)	DO 31	31	95	Eq2:At Special Position B0	GO 3	95
32	Eq2:Tracking Queue Empty (Line/Rail Tracking option)	DO 32	32	96	Eq2:At Special Position B1	GO 3	96
33	Eq3:Tracking Queue Empty (Line/Rail Tracking option)	DO 33	33	97	Eq2:At Special Position B2	GO 3	97
34	Eq4:Tracking Queue Empty (Line/Rail Tracking option)	DO 34	34	98	Eq2:At Special Position B3	GO 3	98
35	Eq5:Tracking Queue Empty (Line/Rail Tracking option)	DO 35	35	99	Eq3:At Special Position B0	GO 4	99
36	Eq6:Tracking Queue Empty (Line/Rail Tracking option)	DO 36	36	100	· ·	GO 4	100
37	Eq1:Production	DO 37	37	101	Eq3:At Special Position B2	GO 4	101
38	Eq2:Production	DO 38	38	102	Eq3:At Special Position B3	GO 4	102
39	Eq3:Production	DO 39	39	103	Eq4:At Special Position B0	GO 5	103
40	Eq4:Production	DO 40	40	104	Eq4:At Special Position B1	GO 5	104
41	Eq5:Production	DO 41	41	105	Eq4:At Special Position B2	GO 5	105
42	Eg6:Production	DO 42	42	106	Eq4:At Special Position B3	GO 5	106
43	Eq1:Not Production (Teach)	DO 43	43	107	Eq5:At Special Position B0	GO 6	107
44	Eq2:Not Production (Teach)	DO 44	44	108		GO 6	108
45	Eg3:Not Production (Teach)	DO 45	45	109	1 ' '	GO 6	109
46	Eq4:Not Production (Teach)	DO 46	46	110		GO 6	110
47	Eq5:Not Production (Teach)	DO 47	47	111	1 ' '	GO 7	111
48	Eq6:Not Production (Teach)	DO 47	48	112	_ i · · · ·	GO 7	112
49	  Eq1:Manual Enable	DO 49	49	113	Eq6:At Special Position B2	GO 7	113
50	Eq2:Manual Enable	DO 50	50	114	1 ' '	GO 7	114
51	Eq3:Manual Enable	DO 51	51	115		DO 115	115
52	Eq4:Manual Enable	DO 51	52	116	·	DO 113	116
53	Eq5:Manual Enable	DO 52	53	117		DO 116	117
		DO 53					
54	Eq6:Manual Enable		54	118		DO 118	118
55	Eq1:Job Active	DO 55	55	119		DO 119	119
56	Eq2:Job Active	DO 56	56	120		DO 120	120
57	Eq3:Job Active	DO 57	57	121		DO 121	121
58	Eq4:Job Active	DO 58	58	122		DO 122	122
59	Eq5:Job Active	DO 59	59	123	·	DO 123	123
60	Eq6:Job Active	DO 60	60	124	Spare	DO 124	124
61	Eq1:Job Ready	DO 61	61	125		DO 125	125
٠.		DO 62	62	126		DO 126	126
62	Eq2:Job Ready	10002	0_		Jopaio		
	Eq2:Job Ready  Eq3:Job Ready	DO 63	63	127		DO 127	127

# **CELL I/O Outputs [129 - 256]**

### PaintTool V7.50 Enhanced I/O

Pnt	Description	Rob#	PLC#	Pnt	Description	Rob#	PLC#
129	See below (Color Change option)	DO 129	129	193	See below (Color Change option)	GO 11	193
130	See below (Color Change option)	DO 123	130	194	`	GO 11	194
	, , ,			-	See below (Color Change option)		
131	See below (Color Change option)	DO 131	131	195	See below (Color Change option)	GO 11	195
132	See below (Color Change option)	DO 132	132	196	See below (Color Change option)	GO 11	196
133	See below (Color Change option)	DO 133	133	197	See below (Color Change option)	GO 11	197
134	See below (Color Change option)	DO 134	134	198	See below (Color Change option)	GO 11	198
35	See below (Color Change option)	DO 135	135	199	See below (Color Change option)	GO 11	199
					`		
36	See below (Color Change option)	DO 136	136	200	See below (Color Change option)	GO 11	200
37	See below (Color Change option)	DO 137	137	201	See below (Color Change option)	GO 11	201
38	See below (Color Change option)	DO 138	138	202	See below (Color Change option)	GO 11	202
39	See below (Color Change option)	DO 139	139	203	See below (Color Change option)	GO 11	203
40	See below (Color Change option)	DO 140	140	204	See below (Color Change option)	GO 11	204
41	See below (Color Change option)	DO 141	141	205	See below (Color Change option)	GO 11	205
42	See below (Color Change option)	DO 142	142	206	See below (Color Change option)	GO 11	206
43	See below (Color Change option)	DO 143	143	207	See below (Color Change option)	GO 11	207
44	See below (Color Change option)	DO 144	144	208	See below (Color Change option)	GO 11	208
	Cook (Color Change Option)	100 144	177	200	Gee below (Goldi Ghange option)	4011	200
45	See below (Color Change option)	GO 8	145	209	See below (Color Change option)	GO 12	209
46	See below (Color Change option)	GO 8	146	210	See below (Color Change option)	GO 12	210
47	See below (Color Change option)	GO 8	147	211	See below (Color Change option)	GO 12	211
	, , ,				, , ,		
48	See below (Color Change option)	GO 8	148	212	See below (Color Change option)	GO 12	212
49	See below (Color Change option)	GO 8	149	213	See below (Color Change option)	GO 12	213
50	See below (Color Change option)	GO 8	150	214	See below (Color Change option)	GO 12	214
51	See below (Color Change option)	GO 8	151	215	See below (Color Change option)	GO 12	215
52	See below (Color Change option)	GO 8	152	216	See below (Color Change option)	GO 12	216
					`	GO 12	
53	See below (Color Change option)	GO 8	153	217	See below (Color Change option)		217
54	See below (Color Change option)	GO 8	154	218	See below (Color Change option)	GO 12	218
55	See below (Color Change option)	GO 8	155	219	See below (Color Change option)	GO 12	219
56	See below (Color Change option)	GO 8	156	220	See below (Color Change option)	GO 12	220
57	See below (Color Change option)	GO 8	157	221	See below (Color Change option)	GO 12	221
					, , ,		
58	See below (Color Change option)	GO 8	158	222	See below (Color Change option)	GO 12	222
59	See below (Color Change option)	GO 8	159	223	See below (Color Change option)	GO 12	223
60	See below (Color Change option)	GO 8	160	224	See below (Color Change option)	GO 12	224
61	See heley (Color Change ention)	GO 9	161	225	See heley (Color Change entian)	GO 13	225
61	See below (Color Change option)		161		See below (Color Change option)		
62	See below (Color Change option)	GO 9	162	226	See below (Color Change option)	GO 13	226
63	See below (Color Change option)	GO 9	163	227	See below (Color Change option)	GO 13	227
64	See below (Color Change option)	GO 9	164	228	See below (Color Change option)	GO 13	228
65	See below (Color Change option)	GO 9	165	229	See below (Color Change option)	GO 13	229
66	See below (Color Change option)	GO 9	166	230	See below (Color Change option)	GO 13	230
67	See below (Color Change option)	GO 9	167	231	See below (Color Change option)	GO 13	231
86	See below (Color Change option)	GO 9	168	232	See below (Color Change option)	GO 13	232
39	See below (Color Change option)	GO 9	169	233	See below (Color Change option)	GO 13	233
70	See below (Color Change option)	GO 9	170	234	See below (Color Change option)	GO 13	234
71	See below (Color Change option)	GO 9	171	235	See below (Color Change option)	GO 13	235
72	See below (Color Change option)	GO 9	172	236	See below (Color Change option)	GO 13	236
'3	See below (Color Change option)	GO 9	173	237	See below (Color Change option)	GO 13	237
74	See below (Color Change option)	GO 9	174	238	See below (Color Change option)	GO 13	238
75	See below (Color Change option)	GO 9	175	239	See below (Color Change option)	GO 13	239
76	See below (Color Change option)	GO 9	176	240	See below (Color Change option)	GO 13	240
77	See below (Color Change option)	GO 10	177	241	See below (Color Change option)	GO 14	241
78	See below (Color Change option)	GO 10	178	242	See below (Color Change option)	GO 14	242
79	See below (Color Change option)	GO 10	179	243	See below (Color Change option)	GO 14	243
30	See below (Color Change option)	GO 10	180	244	See below (Color Change option)	GO 14	244
31	See below (Color Change option)	GO 10	181	245	See below (Color Change option)	GO 14	245
32	See below (Color Change option)	GO 10	182	246	See below (Color Change option)	GO 14	246
33	See below (Color Change option)	GO 10	183	247	See below (Color Change option)	GO 14	247
34	See below (Color Change option)	GO 10	184	248	See below (Color Change option)	GO 14	248
35	See below (Color Change option)	GO 10	185	249	See below (Color Change option)	GO 14	249
36	See below (Color Change option)	GO 10	186	250	See below (Color Change option)	GO 14	250
37	See below (Color Change option)	GO 10	187	251	See below (Color Change option)	GO 14	251
38	See below (Color Change option)	GO 10	188	252	See below (Color Change option)	GO 14	252
39	See below (Color Change option)	GO 10	189	253	See below (Color Change option)	GO 14	253
90	See below (Color Change option)	GO 10	190	254	See below (Color Change option)	GO 14	254
91	See below (Color Change option)	GO 10	191	255	See below (Color Change option)	GO 14	255
92	See below (Color Change option)	GO 10	192	256	See below (Color Change option)	GO 14	256

Remote Outputs

# CELL I/O Outputs [257 - 384] PaintTool V7.50 Enhanced I/O

Pnt	Description	Rob#	PLC#	Pnt	Description	Rob#	PLC#
257	See below (Color Change option)	GO 15	257	321	Eq1:HV ON (VersaBell option)	DO 321	321
	See below (Color Change option)	GO 15	258	322	Eq1:HV Warning (VersaBell option)	DO 321	322
			259	323			
259	See below (Color Change option)	GO 15			Eq1:HV Remote (VersaBell option)	DO 323	323
	See below (Color Change option)	GO 15	260	324	Eq2:HV ON (VersaBell option)	DO 324	324
261	See below (Color Change option)	GO 15	261	325	Eq2:HV Warning (VersaBell option)	DO 325	325
262	See below (Color Change option)	GO 15	262	326	Eq2:HV Remote (VersaBell option)	DO 326	326
263	See below (Color Change option)	GO 15	263	327	Eq3:HV ON (VersaBell option)	DO 327	327
264	See below (Color Change option)	GO 15	264	328	Eq3:HV Warning (VersaBell option)	DO 328	328
265	See below (Color Change option)	GO 15	265	329	Eq3:HV Remote (VersaBell option)	DO 329	329
266	See below (Color Change option)	GO 15	266	330	Eq4:HV ON (VersaBell option)	DO 330	330
267	See below (Color Change option)	GO 15	267	331	Eq4:HV Warning (VersaBell option)	DO 331	331
268	See below (Color Change option)	GO 15	268	332	Eq4:HV Remote (VersaBell option)	DO 332	332
269	See below (Color Change option)	GO 15	269	333	Eq1:Pump1 Running (Integral Pump Control option) Eq1:Motor Running (Integrated Canister option) Eq1:Autocal Active (Accuflow option)	DO 333	333
270	See below (Color Change option)	GO 15	270	334	Eq2:Pump1 Running (Integral Pump Control option) Eq2:Motor Running (Integrated Canister option)	DO 334	334
271	See below (Color Change option)	GO 15	271	335	Eq3:Pump1 Running (Integrated Carrister option) Eq3:Motor Running (Integrated Carrister option)	DO 335	335
272	See below (Color Change option)	GO 15	272	336	Eq4:Pump1 Running (Integral Pump Control option) Eq4:Motor Running (Integrated Canister option)	DO 336	336
273	Eq1:Paint Total B0 (All Fluid options)	GO 16	273	337	Eq1:DQ Calibration Active (DQ option)	DO 337	337
			273			DO 337	
	Eq1:Paint Total B1 (All Fluid options)	GO 16		338	Eq2:DQ Calibration Active (DQ option)		338
	Eq1:Paint Total B2 (All Fluid options)	GO 16	275	339	Eq3:DQ Calibration Active (DQ option)	DO 339	339
276	Eq1:Paint Total B3 (All Fluid options)	GO 16	276	340	Eq4:DQ Calibration Active (DQ option)	DO 340	340
277	Eq1:Paint Total B4 (All Fluid options)	GO 16	277	341	Eq1:Pump2 Running (Integral Pump Control option) Eq1:Can Cal Active (Integrated Canister Option)	DO 341	341
278	Eq1:Paint Total B5 (All Fluid options)	GO 16	278	342	Eq2:Pump2 Running (Integral Pump Control option) Eq2Can Cal Active (Integrated Canister Option)	DO 342	342
279	Eq1:Paint Total B6 (All Fluid options))	GO 16	279	343	Eq3:Pump2 Running (Integral Pump Control option) Eq3:Can Cal Active (Integrated Canister Option)	DO 343	343
280	Eq1:Paint Total B7 (All Fluid options)	GO 16	280	344	Eq4:Pump2 Running (Integral Pump Control option) Eq4Can Cal Active (Integrated Canister Option)	DO 344	344
281	Eq1:Paint Total B8 (All Fluid options)	GO 16	281	345	Eq1:Mix Tube Full (Integral Pump Control option) Eq1:Canister Retracted (Servobell Option)	DO 345	345
282	Eq1:Paint Total B9 (All Fluid options)	GO 16	282	346	Eq2:Mix Tube Full (Integral Pump Control option) Eq2Canister Retracted (Servobell Option)	DO 346	346
283	Eq1:Paint Total B10 (All Fluid options)	GO 16	283	347	Eq3:Mix Tube Full (Integral Pump Control option) Eq3:Canister Retracted (Servobell Option)	DO 347	347 348
284	Eq1:Paint Total B11 (All Fluid options)  Eq2:Paint Total B0 (All Fluid options)	GO 16	285	348	Eq4:Mix Tube Full (Integral Pump Control option) Eq4Canister Retracted (Servobell Option) Eq1:Bell Stopped (Turbine Speed)	DO 348	349
286	Eq2:Paint Total B1 (All Fluid options)	GO 17	286	350	Eq2:Bell Stopped(Turbine Speed)	DO 350	350
287	Eq2:Paint Total B2 (All Fluid options)	GO 17	287	351	Eq3:Bell Stopped (Turbine Speed)	DO 351	351
288	Eq2:Paint Total B3 (All Fluid options)	GO 17	288	352	Eq4:Bell Stopped(Turbine Speed)	DO 352	352
289	Eg2:Paint Total B4 (All Fluid options)	GO 17	289	353	Eq1:Hold for Color Change (Tracking and CC)	DO 353	353
	Eg2:Paint Total B5 (All Fluid options)	GO 17	290	354	Eq2:Hold for Color Change (Tracking and CC)	DO 354	354
	Eq2:Paint Total B6 (All Fluid options))	GO 17	291		Eq3:Hold for Color Change (Tracking and CC)	DO 355	355
	Eq2:Paint Total B7 (All Fluid options)	GO 17	292	356	Eq4:Hold for Color Change (Tracking and CC)	55 655	356
293	Eq2:Paint Total B8 (All Fluid options)	GO 17	292	357	Eq1:CC Cycl B0	GO 20	357
	Eq2:Paint Total B8 (All Fluid options)	GO 17	293	358	Eq1:CC Cycl B0	GO 20	357
	Eq2:Paint Total B10 (All Fluid options)	GO 17	295	359	Eq1:CC Cycl B2	GO 20	359
	Eq2:Paint Total B11 (All Fluid options)	GO 17	296	360	Eq1:CC Cycl B3	GO 20	360
297	Eq3:Paint Total B0 (All Fluid options)	GO 18	297	361	Eq2:CC Cycl B0	GO 21	361
	Eq3:Paint Total B1 (All Fluid options)	GO 18	298	362	Eq2:CC Cycl B1	GO 21	362
299	Eq3:Paint Total B2 (All Fluid options)	GO 18	299	363	Eq2:CC Cycl B2	GO 21	363
	Eq3:Paint Total B3 (All Fluid options)	GO 18	300	364	Eq2:CC Cycl B3	GO 21	364
301	Eq3:Paint Total B4 (All Fluid options)	GO 18	301	365	Eq3:CC Cycl B0	GO 22	365
	Eq3:Paint Total B5 (All Fluid options)	GO 18	302	366	Eq3:CC Cycl B1	GO 22	366
	Eg3:Paint Total B6 (All Fluid options))	GO 18	303	367	Eq3:CC Cycl B2	GO 22	367
	Eq3:Paint Total B7 (All Fluid options)	GO 18	304	368	Eq3:CC Cycl B3	GO 22	368
	Eq3:Paint Total B8 (All Fluid options)	GO 18	305	369	Eq4:CC Cycl B0	GO 23	369 370
306	Eq3:Paint Total B9 (All Fluid options)	GO 18	306	370	Eq4:CC Cycl B1	GO 23	370
	Eq3:Paint Total B10 (All Fluid options)	GO 18	307	371	Eq4:CC Cycl B2	GO 23	371
308	Eq3:Paint Total B11 (All Fluid options)	GO 18	308	372	Eq4:CC Cycl B3	GO 23	372
	Eq4:Paint Total B0 (All Fluid options)	GO 19	309	373	Spare	DO 373	373
310	Eq4:Paint Total B1 (All Fluid options)	GO 19	310	374	Spare	DO 374	374
	Eq4:Paint Total B2 (All Fluid options)	GO 19	311	375	Spare	DO 375	375
	Eq4:Paint Total B3 (All Fluid options)	GO 19	312	376	Spare	DO 376	376
312							377
	Eq4:Paint Total B4 (All Fluid options)	GO 19	313	377	Spare	DO 377	3//
313	Eq4:Paint Total B4 (All Fluid options) Eq4:Paint Total B5 (All Fluid options)	GO 19 GO 19	313	377	Spare	DO 377	377

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316	Eq4:Paint Total B7 (All Fluid options)	GO 19	316	380	Spare	DO 380	380	
317	Eq4:Paint Total B8 (All Fluid options)	GO 19	317	381	Spare	DO 381	381	
318	Eq4:Paint Total B9 (All Fluid options)	GO 19	318	382	Spare	DO 382	382	
319	Eq4:Paint Total B10 (All Fluid options)	GO 19	319	383	Spare	DO 383	383	
320	Eg4:Paint Total B11 (All Fluid options)	GO 19	320	384	Spare	DO 384	384	

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

257	Eq1:pTRIG Request	pTRIG	GI 25	257	129	Eq1:pTRIG Echo	pTRIG	DO 129	129
258	Eq1:Reserved		GI 25	258	130	Eq1:Reserved		DO 139	130
259	Eq1:Reserved		GI 25	259	131	Eq1:Reserved		DO 131	131
260	Eq1:pC1-24 Request	pC1-24	GI 25	260	132	Eq1:pC1-24 Echo	pC1-24	DO 132	132
273	Eq1:pPE Request	pPE	GI 29	273	145	Eq1:pPE Echo	pPE	GO 8	145
274	Eq1:pIW Request	plW	GI 29	274	146	Eq1:pIW Echo	plW	GO 8	146
275	Eq1:pBW Request	pBW	GI 29	275	147	Eq1:pBW Echo	pBW	GO 8	147
276	Eq1:pSOL Request	pSOL	GI 29	276	148	Eq1:pSOL Echo	pSOL	GO 8	148
277	Eq1:pAIR Request	pAIR	GI 29	277	149	Eq1:pAIR Echo	pAIR	GO 8	149
278	Eq1:pCC Request	pCC	GI 29	278	150	Eq1:pCC Echo	pCC	GO 8	150
279	Eq1:pDUMP Request	pDUMP	GI 29	279	151	Eq1:pDUMP Echo	pDUMP	GO 8	151
280	Eq1:pFLUSH Request	pFLUSH	GI 29	280	152	Eq1:pFLUSH Echo	pFLUSH	GO 8	152
281	Eq1:pSEAL Request	pSEAL	GI 29	281	153	Eq1:pSEAL Echo	pSEAL	GO 8	153
282	Eq1:pDUMP2 Request	pDUMP2	GI 29	282	154	Eq1:pDUMP2 Echo	pDUMP2	GO 8	154
283	Eq1:pVENT Request	pVENT	GI 29	283	155	Eq1:Pvent Echo	pVENT	GO 8	155
284	Eq1:Reserved		GI 29	284	156	Eq1:Reserved		GO 8	156
285	Eq1:Reserved		GI 29	285	157	Eq1:Reserved		GO 8	157
286	Eq1:p2T Request	p2T	GI 29	286	158	Eq1:p2T Echo	p2T	GO 8	158
287	Eq1:Reserved		GI 29	287	159	Eq1:Reserved		GO 8	159
288	Eq1:Reserved		GI 29	288	160	Eq1:Reserved		GO 8	160
289	Eq1:Reserved		GI 30	289	161	Eg1:Reserved		GO 9	161
290	Eq1:Reserved		GI 30	290	162	Eq1:Reserved		GO 9	162
291	Eq1:Reserved		GI 30	291	163	Eq1:Reserved		GO 9	163
292	Eq1:Reserved		GI 30	292	164	Eq1:Reserved		GO 9	164
293	Eq1:Reserved		GI 30	293	165	Eq1:Reserved		GO 9	165
294	Eq1:Reserved		GI 30	294	166	Eq1:Reserved		GO 9	166
295	Eq1:Reserved		GI 30	295	167	Eq1:Reserved		GO 9	167
296	Eq1:Reserved		GI 30	296	168	Eq1:Reserved		GO 9	168
297	Eq1:Reserved		GI 30	297	169	Eq1:Reserved		GO 9	169
298	Eq1:Reserved		GI 30	298	170	Eq1:Reserved		GO 9	170
299	Eq1:Reserved		GI 30	299	171	Eq1:Reserved		GO 9	171
300	Eq1:Reserved		GI 30	300	172	Eq1:Reserved		GO 9	172
301	Eq1:ACA Request	ACA	DI 301	301	173	Eq1:ACA Echo	ACA	DO 173	173
302	Eq1:pACS Request	pACS	DI 302	302	174	Eq1:pACS Echo	pACS	DO 174	174
303	Eq1:ACVA Request	ACVA	DI 303	303	175	Eq1:ACVA Echo	ACVA	DO 175	175

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# Color Change Option (IPC 1K - Single Metering - Equipment #2)

261	Eq2:pTRIG Request	pTRIG	GI 26	261	133	Eq2:pTRIG Echo	pTRIG	DO 133	133
262	Eq2:Reserved		GI 26	262	134			DO 134	134
263	Eq2:Reserved		GI 26	263	135	Eq2:Reserved		DO 135	135
264	Eq2:pC1-24 Request	pC1-24	GI 26	264	136	Eq2:pC1-24 Echo	pC1-24	DO 136	136
305	Eq2:pPE Request	pPE	GI 31	305	177	Eq2:pPE Echo	pPE	GO 10	177
306	Eq2:pIW Request	plW	GI 31	306	178	Eq2:pIW Echo	plW	GO 10	178
307	Eq2:pBW Request	pBW	GI 31	307	179	Eg2:pBW Echo	pBW	GO 10	179
308	Eq2:pSOL Request	pSOL	GI 31	308	180	Eg2:pSOL Echo	pSOL	GO 10	180
309	Eq2:pAIR Request	pAIR	GI 31	309	181	Eq2:pAIR Echo	pAIR	GO 10	181
310	Eq2:pCC Request	pCC	GI 31	310	182	Eg2:pCC Echo	pCC	GO 10	182
311	Eq2:pDUMP Request	pDUMP	GI 31	311	183	Eq2:pDUMP Echo	pDUMP	GO 10	183
312	Eq2:pFLUSH Request	pFLUSH	GI 31	312	184	Eq2:pFLUSH Echo	pFLUSH	GO 10	184
313	Eq2:pSEAL Request	pSEAL	GI 31	313	185	Eg2:pSEAL Echo	pSEAL	GO 10	185
314	Eq2:pDUMP2 Request	pDUMP2	GI 31	314	186	Eg2:pDUMP2 Echo	pDUMP2	GO 10	186
315	Eq2:pVENT Request	pVENT	GI 31	315	187	Eq2:pVENT Echo	pVENT	GO 10	187
316	Eq2:Reserved	·	GI 31	316	188	Eg2:Reserved	·	GO 10	188
317	Eq2:Reserved		GI 31	317	189	Eq2:Reserved		GO 10	189
318	Eq2:p2T Request	p2T	GI 31	318	190	Eq2:p2T Echo	p2T	GO 10	190
319	Eq2:Reserved		GI 31	319	191	Eq2:Reserved	,	GO 10	191
320	Eq2:Reserved		GI 31	320	192	Eq2:Reserved		GO 10	192
321	Eq2:Reserved		GI 32	321	193	Eq2:Reserved		GO 11	193
322	Eq2:Reserved		GI 32	322	194	Eq2:Reserved		GO 11	194
323	Eq2:Reserved		GI 32	323	195	Eq2:Reserved		GO 11	195
324	Eq2:Reserved		GI 32	324	196	Eq2:Reserved		GO 11	196
325	Eq2:Reserved		GI 32	325	197	Eq2:Reserved		GO 11	197
326	Eq2:Reserved		GI 32	326	198	Eq2:Reserved		GO 11	198
327	Eq2:Reserved		GI 32	327	199	Eq2:Reserved		GO 11	199
328	Eq2:Reserved		GI 32	328	200	Eq2:Reserved		GO 11	200
329	Eq2:Reserved		GI 32	329	201	Eq2:Reserved		GO 11	201
330	Eq2:Reserved		GI 32	330	202	Eq2:Reserved		GO 11	202
331	Eq2:Reserved		GI 32	331	203	Eq2:Reserved		GO 11	203
332	Eq2:Reserved		GI 32	332	204	Eq2:Reserved		GO 11	204
333	Eq2:ACA Request	ACA	DI 333	333	205	Eq2:ACA Echo	ACA	DO 205	205
334	Eq2:ACS Request	pACS	DI 334	334	206	Eq2:ACS Echo	pACS	DO 206	206
335	Eq2:ACVA Request	ACVA	DI 335	335	207	Eq2:ACVA Echo	ACVA	DO 207	207

# Color Change Option (IPC 1K - Single Metering - Equipment #3)

265	Eq3:pTRIG Request	pTRIG	GI 27	265	137	Eg3:pTRIG Echo	pTRIG	DO 137	137
	Eq3:Reserved		GI 27	266	138	Eq3:Reserved		DO 138	138
267	Eg3:Reserved		GI 27	267	139	Eg3:Reserved		DO 139	139
	Eg3:pC1-24 Request	pC1-24	GI 27	268	140	Eg3:pC1-24 Echo	pC1-24	DO 140	140
	· ·						l'		
337	Eq3:pPE Request	pPE	GI 33	337		Eq3:pPE Echo	pPE	GO 12	209
338	Eq3:pIW Request	plW	GI 33	338	210	Eq3:pIW Echo	plW	GO 12	210
339	Eq3:pBW Request	pBW	GI 33	339	211	Eq3:pBW Echo	pBW	GO 12	211
340	Eq3:pSOL Request	pSOL	GI 33	340	212	Eq3:pSOL Echo	pSOL	GO 12	212
341	Eq3:pAIR Request	pAIR	GI 33	341	213	Eq3:pAIR Echo	pAIR	GO 12	213
342	Eq3:pCC Request	pCC	GI 33	342	214	Eq3:pCC Echo	pCC	GO 12	214
343	Eq3:pDUMP Request	pDUMP	GI 33	343	215	Eq3:pDUMP Echo	pDUMP	GO 12	215
344	Eq3:pFLUSH Request	pFLUSH	GI 33	344	216	Eq3:pFLUSH Echo	pFLUSH	GO 12	216
345	Eq3:pSEAL Request	pSEAL	GI 33	345	217	Eq3:pSEAL Echo	pSEAL	GO 12	217
346	Eq3:pDUMP2 Request	pDUMP2	GI 33	346	218	Eq3:pDUMP2 Echo	pDUMP2	GO 12	218
347	Eq3:pVENT Request	pVENT	GI 33	347	219	Eq3:pVENT Echo	pVENT	GO 12	219
348	Eq3:Reserved		GI 33	348	220	Eq3:Reserved		GO 12	220
349	Eq3:Reserved		GI 33	349	221	Eq3:Reserved		GO 12	221
350	Eq3:p2T Request	p2T	GI 33	350		Eq3:p2T Echo	p2T	GO 12	222
351	Eq3:Reserved		GI 33	351	223	Eq3:Reserved		GO 12	223
352	Eq3:Reserved		GI 33	352	224	Eq3:Reserved		GO 12	224
353	Eq3:Reserved		GI 34	353	225	Eq3:Reserved		GO 13	225
354	Eq3:Reserved		GI 34	354	226	Eq3:Reserved		GO 13	226
355	Eq3:Reserved		GI 34	355	227	Eq3:Reserved		GO 13	227
356	Eq3:Reserved		GI 34	356	228	Eq3:Reserved		GO 13	228
357	Eq3:Reserved		GI 34	357	229	Eq3:Reserved		GO 13	229
358	Eq3:Reserved		GI 34	358	230	Eq3:Reserved		GO 13	230
359	Eq3:Reserved		GI 34	359	231	Eq3:Reserved		GO 13	231
360	Eq3:Reserved		GI 34	360	232	Eq3:Reserved		GO 13	232
361	Eq3:Reserved		GI 34	361	233	Eq3:Reserved		GO 13	233
362	Eq3:Reserved		GI 34	362	234	Eq3:Reserved		GO 13	234
363	Eq3:Reserved		GI 34	363	235	Eq3:Reserved		GO 13	235
364	Eq3:Reserved		GI 34	364	236	Eq3:Reserved		GO 13	236
365	Eq3:ACA Request	ACA	DI 365	365	237	Eq3:ACA Echo	ACA	DO 237	237
366	Eq3:pACS Request	pACS	DI 366	366	238	Eq3:pACS Echo	pACS	DO 238	238
	Eq3:ACVA Request	ACVA	DI 367	367	239	Eq3:ACVA Echo	ACVA	DO 239	239

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# Color Change Option (IPC 1K - Single Metering - Equipment #4)

269	Eq4:pTRIG Request	pTRIG	GI 28	269	141	Eq4:pTRIG Echo	pTRIG	DO 141	141
270	Eq4:Reserved		GI 28	270	142	Eq4:Reserved		DO 142	142
271	Eq4:Reserved		GI 28	271	143	Eq4:Reserved		DO 143	143
272	Eq4:pC1-24 Request	pC1-24	GI 28	272	144	Eq4:pC1-24 Echo	pC1-24	DO 144	144
369	Eq4:pPE Request	pPE	GI 35	369	241	Eq4:pPE Echo	pPE	GO 14	241
370	Eq4:pIW Request	plW	GI 35	370	242	Eq4:pIW Echo	plW	GO 14	242
371	Eq4:pBW Request	pBW	GI 35	371	243	Eq4:pBW Echo	pBW	GO 14	243
372	Eq4:pSOL Request	pSOL	GI 35	372	244	Eq4:pSOL Echo	pSOL	GO 14	244
373	Eq4:pAIR Request	pAIR	GI 35	373	245	Eq4:pAIR Echo	pAIR	GO 14	245
374	Eq4:pCC Request	pCC	GI 35	374	246	Eq4:pCC Echo	pCC	GO 14	246
375	Eq4:pDUMP Request	pDUMP	GI 35	375	247	Eq4:pDUMP Echo	pDUMP	GO 14	247
376	Eq4:pFLUSH Request	pFLUSH	GI 35	376	248	Eq4:pFLUSH Echo	pFLUSH	GO 14	248
377	Eq4:pSEAL Request	pSEAL	GI 35	377	249	Eq4:pSEAL Echo	pSEAL	GO 14	249
378	Eq4:pDUMP2 Request	pDUMP2	GI 35	378	250	Eq4:pDUMP2 Echo	pDUMP2	GO 14	250
379	Eq4:pVENT Request	pVENT	GI 35	379	251	Eq4:pVENT Echo	pVENT	GO 14	251
380	Eq4:Reserved		GI 35	380	252	Eq4:Reserved		GO 14	252
381	Eq4:Reserved		GI 35	381	253	Eq4:Reserved		GO 14	253
382	Eq4:p2T Request	p2T	GI 35	382	254	Eq4:p2T Echo	p2T	GO 14	254
383	Eq4:Reserved		GI 35	383	255	Eq4:Reserved		GO 14	255
384	Eq4:Reserved		GI 35	384	256	Eq4:Reserved		GO 14	256
385	Eq4:Reserved		GI 36	385	257	Eq4:Reserved		GO 15	257
386	Eq4:Reserved		GI 36	386	258	Eq4:Reserved		GO 15	258
387	Eq4:Reserved		GI 36	387	259	Eq4:Reserved		GO 15	259
388	Eq4:Reserved		GI 36	388	260	Eq4:Reserved		GO 15	260
389	Eq4:Reserved		GI 36	389	261	Eq4:Reserved		GO 15	261
390	Eq4:Reserved		GI 36	390	262	Eq4:Reserved		GO 15	262
391	Eq4:Reserved		GI 36	391	263	Eq4:Reserved		GO 15	263
392	Eq4:Reserved		GI 36	392	264	Eq4:Reserved		GO 15	264
393	Eq4:Reserved		GI 36	393	265	Eq4:Reserved		GO 15	265
394	Eq4:Reserved		GI 36	394	266	Eq4:Reserved		GO 15	266
395	Eq4:Reserved		GI 36	395	267	Eq4:Reserved		GO 15	267
396	Eq4:Reserved		GI 36	396	268	Eq4:Reserved		GO 15	268
397	Eq4:ACA Request	ACA	DI 397	397	269	Eq4:ACA Echo	ACA	DO 269	269
398	Eq4:pACS Request	pACS	DI 398	398	270	Eq4:pACS Echo	pACS	DO 270	270
399	Eq4:ACVA Request	ACVA	DI 399	399	271	Eq4:ACVA Echo	ACVA	DO 271	271

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### Color Change Option (IPC Simple 2K - Equipment #1)

Inputs Outputs

	Eq1:pTRIG Request	pTRIG	GI 25	257	129	Eq1:pTRIG Echo	pTRIG	DO 129	129
	Eq1:Reserved		GI 25	258	130	Eq1:Reserved		DO 139	130
259	Eq1:Catalyst Request	CATALY ST	GI 25	259	131	Eq1:Catalyst Echo	CATALS YT	DO 131	131
260	Eq1:pC1-24 Request	pC1-24	GI 25	260	132	Eq1:pC1-24 Echo	pC1-24	DO 132	132
	Eq1:pPE Request	pPE	GI 29	273	145	Eq1:pPE Echo	pPE	GO 8	145
	Eq1:pIW Request	plW	GI 29	274	146	Eq1:pIW Echo	plW	GO 8	146
	Eq1:pBW Request	pBW	GI 29	275	147	Eq1:pBW Echo	pBW	GO 8	147
	Eq1:pSOL Request	pSOL	GI 29	276		Eq1:pSOL Echo	pSOL	GO 8	148
	Eq1:pAIR Request	pAIR	GI 29	277		Eq1:pAIR Echo	pAIR	GO 8	149
	Eq1:pCC Request	pCC	GI 29	278		Eq1:pCC Echo	pCC	GO 8	150
	Eq1:pDUMP Request	pDUMP	GI 29	279	151	Eq1:pDUMP Echo	pDUMP	GO 8	151
	Eq1:pFLUSH Request	pFLUSH	GI 29	280	152	Eq1:pFLUSH Echo	pFLUSH	GO 8	152
281	Eq1:pSEAL Request	pSEAL	GI 29	281	153	Eq1:pSEAL Echo	pSEAL	GO 8	153
282	Eq1:Reserved		GI 29	282	154	Eq1:Reserved		GO 8	154
283	Eq1:pSOL2 Request	pSOL2	GI 29	283	155	Eq1:pSOL2 Echo	pSOL2	GO 8	155
284	Eq1:pFLUSH2 Request	pFLUSH 2	GI 29	284	156	Eq1:pFLUSH2 Echo	pFLUSH 2	GO 8	156
285	Eq1:Reserved		GI 29	285	157	Eq1:Reserved		GO 8	157
286	Eq1:Reserved		GI 29	286	158	Eq1:Reserved		GO 8	158
87	Eq1:Reserved		GI 29	287	159	Eq1:Reserved		GO 8	159
288	Eq1:Reserved		GI 29	288	160	Eq1:Reserved		GO 8	160
	Eq1:Reserved		GI 30	289	161	Eq1:Reserved		GO 9	161
	Eq1:Reserved		GI 30	290		Eq1:Reserved		GO 9	162
	Eq1:Reserved		GI 30	291	163	Eq1:Reserved		GO 9	163
92	Eq1:Reserved		GI 30	292	164	Eq1:Reserved		GO 9	164
293	Eq1:Reserved		GI 30	293	165	Eq1:Reserved		GO 9	165
294	Eq1:Reserved		GI 30	294	166	Eq1:Reserved		GO 9	166
95	Eq1:Reserved		GI 30	295	167	Eq1:Reserved		GO 9	167
296	Eq1:Reserved		GI 30	296	168	Eq1:Reserved		GO 9	168
97	Eq1:Reserved		GI 30	297	169	Eq1:Reserved		GO 9	169
98	Eq1:Reserved		GI 30	298	170	Eq1:Reserved		GO 9	170
	Eq1:Reserved		GI 30	299	171	Eq1:Reserved		GO 9	171
	Eq1:Reserved		GI 30	300	172	Eq1:Reserved		GO 9	172
	Eq1:ACA Request	ACA	DI 301	301	173	Eq1:ACA Echo	ACA	DO 173	173
	Eq1:pACS Request	pACS	DI 302	302		Eq1:pACS Echo	pACS	DO 174	174
	Eq1:ACVA Request	ACVA	DI 303	303		Eq1:ACVA Echo	ACVA	DO 175	175

Remote Outputs

# Color Change Option (IPC Simple 2K - Equipment #2)

261	Eq2:pTRIG Request	pTRIG	GI 26	261	133	Eq2:pTRIG Echo	pTRIG	DO 133	133
262	Eq2:Reserved		GI 26	262	134	Eq2:Reserved		DO 134	134
263	Eq2:Catalyst Request	CATALY ST	GI 26	263	135	Eq2:Catalyst Echo	CATALY   ST	DO 135	135
264	Eq2:pC1-24 Request	pC1-24	GI 26	264	136	Eq2:pC1-24 Echo	pC1-24	DO 136	136
305	Eq2:pPE Request	pPE	GI 31	305	177	Eq2:pPE Echo	pPE	GO 10	177
306	Eq2:pIW Request	plW	GI 31	306	178		plW	GO 10	178
307	Eq2:pBW Request	pBW	GI 31	307	179		pBW	GO 10	179
308	Eq2:pSOL Request	pSOL	GI 31	308	180	1 1	pSOL	GO 10	180
309	Eq2:pAIR Request	pAIR	GI 31	309	181	Eq2:pAIR Echo	pAIR	GO 10	181
310	Eq2:pCC Request	pCC	GI 31	310	182	Eq2:pCC Echo	pCC	GO 10	182
311	Eq2:pDUMP Request	pDUMP	GI 31	311	183	Eq2:pDUMP Echo	pDUMP	GO 10	183
312	Eq2:pFLUSH Request	pFLUSH	GI 31	312	184	Eq2:pFLUSH Echo	pFLUSH	GO 10	184
313	Eq2:pSEAL Request	pSEAL	GI 31	313	185	Eq2:pSEAL Echo	pSEAL	GO 10	185
314	Eq2:Reserved		GI 31	314	186	Eq2:Reserved		GO 10	186
315	Eq2:pSOL2 Request	pSOL2	GI 31	315	187	Eq2:pSOL2 Echo	pSOL2	GO 10	187
316	Eq2:pFLUSH2 Request	pFLUSH 2	GI 31	316	188	' '	pFLUSH 2	GO 10	188
317	Eq2:Reserved		GI 31	317	189	Eq2:Reserved		GO 10	189
318	Eq2:Reserved		GI 31	318	190	Eq2:Reserved		GO 10	190
319	Eq2:Reserved		GI 31	319	191	Eq2:Reserved		GO 10	191
320	Eq2:Reserved		GI 31	320	192	Eq2:Reserved		GO 10	192
321	Eq2:Reserved		GI 32	321	193	Eq2:Reserved		GO 11	193
322	Eq2:Reserved		GI 32	322	194			GO 11	194
323	Eq2:Reserved		GI 32	323	195			GO 11	195
324	Eq2:Reserved		GI 32	324	196			GO 11	196
325	Eq2:Reserved		GI 32	325	197	Eq2:Reserved		GO 11	197
326	Eq2:Reserved		GI 32	326	198	Eq2:Reserved		GO 11	198
327	Eq2:Reserved		GI 32	327	199	Eq2:Reserved		GO 11	199
328	Eq2:Reserved		GI 32	328	200	Eq2:Reserved		GO 11	200
329	Eq2:Reserved		GI 32	329	201	Eq2:Reserved		GO 11	201
330	Eq2:Reserved		GI 32	330	202	Eq2:Reserved		GO 11	202
331	Eq2:Reserved		GI 32	331	203	Eq2:Reserved		GO 11	203
332	Eq2:Reserved		GI 32	332	204	Eq2:Reserved		GO 11	204
333	Eq2:ACA Request	ACA	DI 333	333	205	Eq2:ACA Echo	ACA	DO 205	205
334	Eq2:ACS Request	pACS	DI 334	334	206	Eq2:ACS Echo	pACS	DO 206	206
335	Eq2:ACVA Request	ACVA	DI 335	335	207	Eq2:ACVA Echo	ACVA	DO 207	207

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# Color Change Option (IPC Simple 2K - Equipment #3)

265	Eq3:pTRIG Request	pTRIG	GI 27	265	137		pTRIG	DO 137	137
266	Eq3:Reserved		GI 27	266	138			DO 138	138
267	Eq3:Catalyst Request	CATALY ST	GI 27	267	139	' '	CATALY ST	DO 139	139
268	Eq3:pC1-24 Request	pC1-24	GI 27	268	140	Eq3:pC1-24 Echo	pC1-24	DO 140	140
337	Eq3:pPE Request	pPE	GI 33	337	209		pPE	GO 12	209
	Eq3:pIW Request	plW	GI 33	338	210		plW	GO 12	210
339	Eq3:pBW Request	pBW	GI 33	339	211		pBW	GO 12	211
340	Eq3:pSOL Request	pSOL	GI 33	340	212		pSOL	GO 12	212
341	Eq3:pAIR Request	pAIR	GI 33	341	213	Eq3:pAIR Echo	pAIR	GO 12	213
342	Eq3:pCC Request	pCC	GI 33	342	214	Eq3:pCC Echo	pCC	GO 12	214
343	Eq3:pDUMP Request	pDUMP	GI 33	343	215	Eq3:pDUMP Echo	pDUMP	GO 12	215
344	Eq3:pFLUSH Request	pFLUSH	GI 33	344	216	Eq3:pFLUSH Echo	pFLUSH	GO 12	216
345	Eq3:pSEAL Request	pSEAL	GI 33	345	217	Eq3:pSEAL Echo	pSEAL	GO 12	217
346	Eq3:Reserved		GI 33	346	218	Eq3:Reserved		GO 12	218
347	Eq3:pSOL2 Request	pSOL2	GI 33	347	219	Eq3:pSOL2 Echo	pSOL2	GO 12	219
348	Eq3:pFLUSH2 Request	pFLUSH 2	GI 33	348	220	Eq3:pFLUSH2 Echo	pFLUSH 2	GO 12	220
349	Eq3:Reserved		GI 33	349	221	Eq3:Reserved		GO 12	221
350	Eq3:Reserved		GI 33	350	222			GO 12	222
351	Eq3:Reserved		GI 33	351	223	Eq3:Reserved		GO 12	223
352	Eq3:Reserved		GI 33	352	224	Eq3:Reserved		GO 12	224
353	Eq3:Reserved		GI 34	353	225			GO 13	225
354	Eq3:Reserved		GI 34	354	226			GO 13	226
355	Eq3:Reserved		GI 34	355	227	Eq3:Reserved		GO 13	227
356	Eq3:Reserved		GI 34	356	228	Eq3:Reserved		GO 13	228
357	Eq3:Reserved		GI 34	357	229			GO 13	229
358	Eq3:Reserved		GI 34	358	230	Eq3:Reserved		GO 13	230
359	Eq3:Reserved		GI 34	359	231	Eq3:Reserved		GO 13	231
360	Eq3:Reserved		GI 34	360	232	Eq3:Reserved		GO 13	232
361	Eq3:Reserved		GI 34	361	233	Eq3:Reserved		GO 13	233
362	Eq3:Reserved		GI 34	362	234			GO 13	234
363	Eg3:Reserved		GI 34	363	235			GO 13	235
364	Eq3:Reserved		GI 34	364	236			GO 13	236
365	Eg3:ACA Request	ACA	DI 365	365	237		ACA	DO 237	237
366	Eq3:pACS Request	pACS	DI 366	366	238	Eq3:pACS Echo	pACS	DO 238	238
	Eg3:ACVA Request	ACVA	DI 367	367	239		ACVA	DO 239	239

# Color Change Option (IPC Simple 2K - Equipment #4)

269	Eq4:pTRIG Request	pTRIG	GI 28	269	141	Eq4:pTRIG Echo	pTRIG	DO 141	141
270	Eq4:Reserved		GI 28	270	142	Eq4:Reserved		DO 142	142
271	Eq4:Catalyst Request	CATALY ST	GI 28	271	143	Eq4:Catalyst Echo	CATALY     ST	DO 143	143
272	Eq4:pC1-24 Request	pC1-24	GI 28	272	144	Eq4:pC1-24 Echo	pC1-24	DO 144	144
369	Eq4:pPE Request	pPE	GI 35	369	241	Eq4:pPE Echo	pPE	GO 14	241
370	Eq4:pIW Request	plW	GI 35	370	242	Eq4:pIW Echo	plW	GO 14	242
371	Eq4:pBW Request	pBW	GI 35	371	243	Eq4:pBW Echo	pBW	GO 14	243
372	Eq4:pSOL Request	pSOL	GI 35	372	244	Eq4:pSOL Echo	pSOL	GO 14	244
373	Eq4:pAIR Request	pAIR	GI 35	373	245	Eq4:pAIR Echo	pAIR	GO 14	245
374	Eq4:pCC Request	pCC	GI 35	374	246	Eq4:pCC Echo	pCC	GO 14	246
375	Eq4:pDUMP Request	pDUMP	GI 35	375	247	Eq4:pDUMP Echo	pDUMP	GO 14	247
376	Eq4:pFLUSH Request	pFLUSH	GI 35	376	248	Eq4:pFLUSH Echo	pFLUSH	GO 14	248
377	Eq4:pSEAL Request	pSEAL	GI 35	377	249	Eq4:pSEAL Echo	pSEAL	GO 14	249
378	Eq4:Reserved	·	GI 35	378	250	Eq4:Reserved	·	GO 14	250
379	Eq4:pSOL2	pSOL2	GI 35	379	251	Eq4:pSOL2	pSOL2	GO 14	251
380	Eq4:pFLUSH2	pFLUSH 2	GI 35	380	252	Eq4:pFLUSH2	pFLUSH 2	GO 14	252
381	Eq4:Reserved		GI 35	381	253	Eq4:Reserved		GO 14	253
382	Eq4:Reserved		GI 35	382	254	Eq4:Reserved		GO 14	254
383	Eq4:Reserved		GI 35	383	255	Eq4:Reserved		GO 14	255
384	Eq4:Reserved		GI 35	384	256	Eq4:Reserved		GO 14	256
385	Eq4:Reserved		GI 36	385	257	Eq4:Reserved		GO 15	257
386	Eq4:Reserved		GI 36	386	258	Eq4:Reserved		GO 15	258
387	Eq4:Reserved		GI 36	387	259	Eq4:Reserved		GO 15	259
388	Eq4:Reserved		GI 36	388	260	Eq4:Reserved		GO 15	260
389	Eq4:Reserved		GI 36	389	261	Eq4:Reserved		GO 15	261
390	Eq4:Reserved		GI 36	390	262	Eq4:Reserved		GO 15	262
391	Eq4:Reserved		GI 36	391	263	Eq4:Reserved		GO 15	263
392	Eq4:Reserved		GI 36	392	264	Eq4:Reserved		GO 15	264
393	Eq4:Reserved		GI 36	393	265	Eq4:Reserved		GO 15	265
394	Eq4:Reserved		GI 36	394	266	Eq4:Reserved		GO 15	266
395	Eq4:Reserved		GI 36	395	267	Eq4:Reserved		GO 15	267
396	Eq4:Reserved		GI 36	396	268	Eq4:Reserved		GO 15	268
397	Eq4:ACA Request	ACA	DI 397	397	269	Eq4:ACA Echo	ACA	DO 269	269
398	Eq4:pACS Request	pACS	DI 398	398	270	Eq4:pACS Echo	pACS	DO 270	270
399	Eq4:ACVA Request	ACVA	DI 399	399	271	Eq4:ACVA Echo	ACVA	DO 271	271

# Color Change Option (IPC Multi-Resin/Catalyst 2K - Equipment #1)

Inputs Outputs

257	Eq1:pTRIG Request	pTRIG	GI 25	257	129	Eq1:pTRIG Echo	pTRIG	DO 129	129
258	Eq1:Reserved		GI 25	258	130	Eq1:Reserved		DO 139	130
259	Eq1:Catalyst Request	CATALY ST	GI 25	259	131	Eq1:Catalyst Echo	CATALS YT	DO 131	131
260	Eq1:pC1-24 Request	pC1-24	GI 25	260	132	Eq1:pC1-24 Echo	pC1-24	DO 132	132
273	Eq1:pPE Request	pPE	GI 29	273	145	Eq1:pPE Echo	pPE	GO 8	145
274	Eq1:pIW Request	plW	GI 29	274	146	Eq1:pIW Echo	plW	GO 8	146
275	Eq1:pBW Request	pBW	GI 29	275	147	Eq1:pBW Echo	pBW	GO 8	147
276	Eq1:pSOL Request	pSOL	GI 29	276	148	Eq1:pSOL Echo	pSOL	GO 8	148
77	Eq1:pAIR Request	pAIR	GI 29	277	149	Eq1:pAIR Echo	pAIR	GO 8	149
278	Eq1:pCC Request	pCC	GI 29	278	150	Eq1:pCC Echo	pCC	GO 8	150
79	Eq1:pDUMP Request	pDUMP	GI 29	279	151	Eq1:pDUMP Echo	pDUMP	GO 8	151
280	Eq1:pFLUSH Request	pFLUSH	GI 29	280	152	Eq1:pFLUSH Echo	pFLUSH	GO 8	152
81	Eq1:pSEAL Request	pSEAL	GI 29	281	153	Eq1:pSEAL Echo	pSEAL	GO 8	153
82	Eq1:pDUMP2 Request	pDUMP2	GI 29	282	154	Eq1:pDUMP2 Echo	pDUMP2	GO 8	154
83	Eq1:pSOL2 Request	pSOL2	GI 29	283	155	Eq1:pSOL2 Echo	pSOL2	GO 8	155
84	Eq1:pFLUSH2 Request	pFLUSH 2	GI 29	284	156	Eq1:pFLUSH2 Echo	pFLUSH 2	GO 8	156
85	Eq1:pDUMP3 Request	pDUMP3	GI 29	285	157	Eq1:pDUMP3 Echo	pDUMP3	GO 8	157
86	Eq1:p2T Request	, p2T	GI 29	286	158	Eg1:p2T Echo	p2T	GO 8	158
87	Eq1:pWASH Request	pWASH	GI 29	287	159	Eq1:pWASH Echo	HZAWq	GO 8	159
288	Eq1:Reserved		GI 29	288	160	Eq1:Reserved		GO 8	160
289	Eq1:Reserved		GI 30	289	161	Eq1:Reserved		GO 9	161
290	Eq1:Reserved		GI 30	290	162	Eq1:Reserved		GO 9	162
91	Eq1:Reserved		GI 30	291	163	Eq1:Reserved		GO 9	163
92	Eq1:Reserved		GI 30	292	164	Eq1:Reserved		GO 9	164
293	Eq1:Reserved		GI 30	293	165	Eq1:Reserved		GO 9	165
294	Eq1:Reserved		GI 30	294	166	Eq1:Reserved		GO 9	166
295	Eq1:Reserved		GI 30	295	167	Eq1:Reserved		GO 9	167
296	Eq1:Reserved		GI 30	296	168	Eq1:Reserved		GO 9	168
97	Eg1:Reserved		GI 30	297	169	Eq1:Reserved		GO 9	169
298	Eq1:Reserved		GI 30	298	170	Eq1:Reserved		GO 9	170
299	Eg1:Reserved		GI 30	299	171	Eq1:Reserved		GO 9	171
300	Eg1:Reserved		GI 30	300	172	Eq1:Reserved		GO 9	172
301	Eq1:ACA Request	ACA	DI 301	301	173	Eq1:ACA Echo	ACA	DO 173	173
	Eq1:pACS Request	pACS	DI 302	302	174	Eq1:pACS Echo	pACS	DO 174	174
	Eq1:ACVA Request	ACVA	DI 303	303		Eq1:ACVA Echo	ACVA	DO 175	175

Remote Outputs

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# Color Change Option (IPC Multi-Resin/Catalyst 2K - Equipment #2)

261	Eq2:pTRIG Request	pTRIG	GI 26	261	133	Eq2:pTRIG Echo	pTRIG	DO 133	133
	Eq2:Reserved		GI 26	262	134	Eq2:Reserved		DO 134	134
263	Eq2:Catalyst Request	CATALY ST	GI 26	263	135	Eq2:Catalyst Echo	CATALY     ST	DO 135	135
264	Eq2:pC1-24 Request	pC1-24	GI 26	264	136	Eq2:pC1-24 Echo	pC1-24	DO 136	136
	Eq2:pPE Request	pPE	GI 31	305	177	Eq2:pPE Echo	pPE	GO 10	177
	Eq2:pIW Request	plW	GI 31	306	178	Eq2:pIW Echo	plW	GO 10	178
	Eq2:pBW Request	pBW	GI 31	307	179	Eq2:pBW Echo	pBW	GO 10	179
308	Eq2:pSOL Request	pSOL	GI 31	308	180	Eq2:pSOL Echo	pSOL	GO 10	180
309	Eq2:pAIR Request	pAIR	GI 31	309	181	Eq2:pAIR Echo	pAIR	GO 10	181
310	Eq2:pCC Request	pCC	GI 31	310	182	Eq2:pCC Echo	pCC	GO 10	182
311	Eq2:pDUMP Request	pDUMP	GI 31	311	183	Eq2:pDUMP Echo	pDUMP	GO 10	183
312	Eq2:pFLUSH Request	pFLUSH	GI 31	312	184	Eq2:pFLUSH Echo	pFLUSH	GO 10	184
	Eq2:pSEAL Request	pSEAL	GI 31	313	185	Eq2:pSEAL Echo	pSEAL	GO 10	185
314	Eq2:pDUMP2 Request	pDUMP2	GI 31	314	186	Eq2:pDUMP2 Echo	pDUMP2	GO 10	186
315	Eq2:pSOL2 Request	pSOL2	GI 31	315	187	Eq2:pSOL2 Echo	pSOL2	GO 10	187
316	Eq2:pFLUSH2 Request	pFLUSH 2	GI 31	316	188	Eq2:pFLUSH2 Echo	pFLUSH 2	GO 10	188
317	Eq2:pDUMP3 Request	pDUMP3	GI 31	317	189	Eq2:pDUMP3 Echo	pDUMP3	GO 10	189
318	Eq2:p2T Request	p2T	GI 31	318	190	Eq2:p2T Echo	p2T	GO 10	190
	Eq2:pWASH Request	pWASH	GI 31	319	191	Eq2:pWASH Echo	pWASH	GO 10	191
320	Eq2:Reserved		GI 31	320	192	Eq2:Reserved	·	GO 10	192
	Eq2:Reserved		GI 32	321	193	Eq2:Reserved		GO 11	193
322	Eq2:Reserved		GI 32	322	194	Eq2:Reserved		GO 11	194
	Eq2:Reserved		GI 32	323	195	Eq2:Reserved		GO 11	195
324	Eq2:Reserved		GI 32	324	196	Eq2:Reserved		GO 11	196
325	Eq2:Reserved		GI 32	325	197	Eq2:Reserved		GO 11	197
326	Eq2:Reserved		GI 32	326	198	Eq2:Reserved		GO 11	198
327	Eq2:Reserved		GI 32	327	199	Eq2:Reserved		GO 11	199
328	Eq2:Reserved		GI 32	328	200	Eq2:Reserved		GO 11	200
329	Eq2:Reserved		GI 32	329	201	Eq2:Reserved		GO 11	201
330	Eq2:Reserved		GI 32	330	202	Eq2:Reserved		GO 11	202
331	Eq2:Reserved		GI 32	331	203	Eq2:Reserved		GO 11	203
332	Eq2:Reserved		GI 32	332	204	Eq2:Reserved		GO 11	204
333	Eq2:ACA Request	ACA	DI 333	333	205	Eq2:ACA Echo	ACA	DO 205	205
334	Eq2:ACS Request	pACS	DI 334	334	206	Eq2:ACS Echo	pACS	DO 206	206
335	Eq2:ACVA Request	ACVA	DI 335	335	207	Eq2:ACVA Echo	ACVA	DO 207	207

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# Color Change Option (IPC Multi-Resin/Catalyst 2K - Equipment #3)

265	Eq3:pTRIG Request	pTRIG	GI 27	265	137	Eq3:pTRIG Echo	pTRIG	DO 137	137
266	Eq3:Reserved		GI 27	266	138	Eq3:Reserved		DO 138	138
267	Eq3:Catalyst Request	CATALY ST	GI 27	267	139	Eq3:Catalyst Echo	CATALY     ST	DO 139	139
268	Eq3:pC1-24 Request	pC1-24	GI 27	268	140	Eq3:pC1-24 Echo	pC1-24	DO 140	140
337	Eq3:pPE Request	pPE	GI 33	337	209	Eq3:pPE Echo	pPE	GO 12	209
338	Eq3:pIW Request	Wlg	GI 33	338	210		Wlq	GO 12	210
	Eq3:pBW Request	pBW	GI 33	339	211	Eg3:pBW Echo	pBW	GO 12	211
340	Eq3:pSOL Request	pSOL	GI 33	340	212		pSOL	GO 12	212
	Eq3:pAIR Request	pAIR	GI 33	341	213		pAIR	GO 12	213
342	Eq3:pCC Request	pCC	GI 33	342	214	Eg3:pCC Echo	pCC	GO 12	214
343	Eq3:pDUMP Request	pDUMP	GI 33	343	215	Eg3:pDUMP Echo	pDUMP	GO 12	215
344	Eq3:pFLUSH Request	pFLUSH	GI 33	344	216	Eq3:pFLUSH Echo	pFLUSH	GO 12	216
345	Eq3:pSEAL Request	pSEAL	GI 33	345	217	Eq3:pSEAL Echo	pSEAL	GO 12	217
346	Eq3:pDUMP2 Request	pDUMP2	GI 33	346	218	Eg3:pDUMP2 Echo	pDUMP2	GO 12	218
347	Eq3:pSOL2 Request	pSOL2	GI 33	347	219	Eq3:pSOL2 Echo	pSOL2	GO 12	219
348	Eq3:pFLUSH2 Request	pFLUSH 2	GI 33	348	220	Eq3:pFLUSH2 Echo	pFLUSH 2	GO 12	220
349	Eq3:pDUMP3 Request	pDUMP3	GI 33	349	221	Eq3:pDUMP3 Echo	pDUMP3	GO 12	221
350	Eq3:p2T Request	p2T	GI 33	350	222	Eq3:p2T Echo	p2T	GO 12	222
351	Eq3:pWASH Request	pWASH	GI 33	351	223	Eq3:pWASH Echo	pWASH	GO 12	223
352	Eq3:Reserved		GI 33	352	224	Eq3:Reserved		GO 12	224
353	Eq3:Reserved		GI 34	353	225	Eq3:Reserved		GO 13	225
	Eq3:Reserved		GI 34	354	226	Eq3:Reserved		GO 13	226
355	Eq3:Reserved		GI 34	355	227	Eq3:Reserved		GO 13	227
	Eq3:Reserved		GI 34	356	228	Eq3:Reserved		GO 13	228
357	Eq3:Reserved		GI 34	357	229	Eq3:Reserved		GO 13	229
	Eq3:Reserved		GI 34	358	230	Eq3:Reserved		GO 13	230
359	Eq3:Reserved		GI 34	359	231	Eq3:Reserved		GO 13	231
360	Eq3:Reserved		GI 34	360	232	Eq3:Reserved		GO 13	232
361	Eq3:Reserved		GI 34	361	233	Eq3:Reserved		GO 13	233
	Eq3:Reserved		GI 34	362	234	Eq3:Reserved		GO 13	234
363	Eq3:Reserved		GI 34	363	235	Eq3:Reserved		GO 13	235
	Eq3:Reserved		GI 34	364	236	Eq3:Reserved		GO 13	236
365	Eq3:ACA Request	ACA	DI 365	365	237	Eq3:ACA Echo	ACA	DO 237	237
	Eq3:pACS Request	pACS	DI 366	366	238	Eq3:pACS Echo	pACS	DO 238	238
367	Eq3:ACVA Request	ACVA	DI 367	367	239	Eq3:ACVA Echo	ACVA	DO 239	239

# Color Change Option (IPC Multi-Resin/Catalyst 2K - Equipment #4)

269	Eq4:pTRIG Request	pTRIG	GI 28	269	141	Eq4:pTRIG Echo	pTRIG	DO 141	141
270	Eq4:Reserved		GI 28	270	142	Eq4:Reserved		DO 142	142
271	Eq4:Catalyst Request	CATALY ST	GI 28	271	143	Eq4:Catalyst Echo	CATALY    ST	DO 143	143
272	Eq4:pC1-24 Request	pC1-24	GI 28	272	144	Eq4:pC1-24 Echo	pC1-24	DO 144	144
369	Eq4:pPE Request	pPE	GI 35	369	241	Eq4:pPE Echo	pPE	GO 14	241
370	Eq4:pIW Request	plW	GI 35	370	242	Eq4:pIW Echo	plW	GO 14	242
371	Eq4:pBW Request	pBW	GI 35	371	243	Eq4:pBW Echo	pBW	GO 14	243
372	Eq4:pSOL Request	pSOL	GI 35	372	244	Eq4:pSOL Echo	pSOL	GO 14	244
373	Eq4:pAIR Request	pAIR	GI 35	373	245	Eq4:pAIR Echo	pAIR	GO 14	245
374	Eq4:pCC Request	pCC	GI 35	374	246	Eq4:pCC Echo	pCC	GO 14	246
375	Eq4:pDUMP Request	pDUMP	GI 35	375	247	Eq4:pDUMP Echo	pDUMP	GO 14	247
376	Eq4:pFLUSH Request	pFLUSH	GI 35	376	248	Eq4:pFLUSH Echo	pFLUSH	GO 14	248
377	Eq4:pSEAL Request	pSEAL	GI 35	377	249	Eq4:pSEAL Echo	pSEAL	GO 14	249
378	Eq4:pDUMP2 Request	pDUMP2	GI 35	378	250	Eq4:pDUMP2	pDUMP2	GO 14	250
379	Eq4:pSOL2	pSOL2	GI 35	379	251	Eq4:pSOL2	pSOL2	GO 14	251
380	Eq4:pFLUSH2	pFLUSH 2	GI 35	380	252	Eq4:pFLUSH2	pFLUSH 2	GO 14	252
381	Eq4:pDUMP3 Request	pDUMP3	GI 35	381	253	Eq4:pDUMP3 Echo	pDUMP3	GO 14	253
382	Eq4:p2T Request	p2T	GI 35	382	254	Eq4:p2T Echo	p2T	GO 14	254
383	Eq4:pWASH Request	pWASH	GI 35	383	255	Eq4:pWASH	pWASH	GO 14	255
384	Eq4:Reserved		GI 35	384	256	Eq4:Reserved	· ·	GO 14	256
385	Eq4:Reserved		GI 36	385	257	Eq4:Reserved		GO 15	257
386	Eq4:Reserved		GI 36	386	258	Eq4:Reserved		GO 15	258
387	Eq4:Reserved		GI 36	387	259	Eq4:Reserved		GO 15	259
388	Eq4:Reserved		GI 36	388	260	Eq4:Reserved		GO 15	260
389	Eq4:Reserved		GI 36	389	261	Eq4:Reserved		GO 15	261
390	Eq4:Reserved		GI 36	390	262	Eq4:Reserved		GO 15	262
391	Eq4:Reserved		GI 36	391	263	Eq4:Reserved		GO 15	263
392	Eq4:Reserved		GI 36	392	264	Eq4:Reserved		GO 15	264
393	Eq4:Reserved		GI 36	393	265	Eq4:Reserved		GO 15	265
394	Eq4:Reserved		GI 36	394	266	Eq4:Reserved		GO 15	266
395	Eq4:Reserved		GI 36	395	267	Eq4:Reserved		GO 15	267
396	Eq4:Reserved		GI 36	396	268	Eq4:Reserved		GO 15	268
397	Eq4:ACA Request	ACA	DI 397	397	269	Eq4:ACA Echo	ACA	DO 269	269
398	Eq4:pACS Request	pACS	DI 398	398	270	Eq4:pACS Echo	pACS	DO 270	270
	Eq4:ACVA Request	ACVA	DI 399	399	271	Eq4:ACVA Echo	ACVA	DO 271	271

# Color Change Option (FRA Waterborne - Equipment #1)

257	Eq1:pTRIG Request	pTRIG	GI 25	257	П	129	Eq1:pTRIG Echo	pTRIG	DO 129	129
58	Eq1:Reserved		GI 25	258		130	Eq1:Reserved		DO 139	130
259	Eq1:Reserved		GI 25	259		131	Eq1:Reserved		DO 131	131
260	Eq1:pC1-24 Request	pC1-24	GI 25	260		132	Eq1:pC1-24 Echo	pC1-24	DO 132	132
273	Eq1:pPE Request	pPE	GI 29	273	Н	145	Eq1:pPE Echo	pPE	GO 8	145
274	Eq1:plW Request	plW	GI 29	274		146	Eq1:plW Echo	plW	GO 8	146
275	Eq1:pBW Request	pBW	GI 29	275		147	Eq1:pBW Echo	pBW	GO 8	147
276	Eq1:pSOL Request	pSOL	GI 29	276		148	Eq1:pSOL Echo	pSOL	GO 8	148
277	Eq1:pAIR Request	pAIR	GI 29	277		149	Eq1:pAIR Echo	pAIR	GO 8	149
278	Eq1:pCC Request	pCC	GI 29	278		150	Eq1:pCC Echo	pCC	GO 8	150
279	Eq1:pDUMP Request	pDUMP	GI 29	279		151	Eq1:pDUMP Echo	pDUMP	GO 8	151
280	Eq1:pCAN Request	pCAN	GI 29	280		152	Eq1:pCAN Echo	pCAN	GO 8	152
281	Eq1:pSEAL Request	pSEAL	GI 29	281		153	Eq1:pSEAL Echo	pSEAL	GO 8	153
282	Eq1:pDUMP2 Request	pDUMP2	GI 29	282		154	Eq1:pDUMP2 Echo	pDUMP2	GO 8	154
283	Eq1:pVENT Request	pVENT	GI 29	283		155	Eq1:pSOL2 Echo	pSOL2	GO 8	155
284	Eq1:pPAINT Request	pPAINT	GI 29	284		156	Eq1:pPAINT Echo	pPAINT	GO 8	156
285	Eq1:Reserved	·	GI 29	285		157	Eq1:Reserved	·	GO 8	157
286	Eq1:p2T Request	p2T	GI 29	286	1 [	158	Eq1:p2T Echo	P2T	GO 8	158
287	Eq1:pVAC Request	pVAC	GI 29	287		159	Eq1:pVAC Echo	pVAC	GO 8	159
288	Eq1:pDI Request	pDI	GI 29	288		160	Eq1:pDI Echo	pDI	GO 8	160
289	Eq1:pDAIR Request	pDAIR	GI 30	289	Н	161	Eq1:pDAIR Echo	pDAIR	GO 9	161
290	Eq1:pVAIR Request	pVAIR	GI 30	290		162	Eq1:pVAIR Echo	pVAIR	GO 9	162
291	Eq1:Reserved		GI 30	291	1 1	163	Eq1:Reserved		GO 9	163
292	Eq1:Reserved		GI 30	292		164	Eq1:Reserved		GO 9	164
293	Eq1:Reserved		GI 30	293	1 1	165	Eq1:Reserved		GO 9	165
294	Eq1:Reserved		GI 30	294		166	Eq1:Reserved		GO 9	166
295	Eq1:Reserved		GI 30	295		167	Eq1:Reserved		GO 9	167
296	Eq1:Reserved		GI 30	296		168	Eq1:Reserved		GO 9	168
297	Eq1:Reserved		GI 30	297		169	Eq1:Reserved		GO 9	169
298	Eq1:Reserved		GI 30	298		170	Eq1:Reserved		GO 9	170
299	Eq1:Reserved		GI 30	299		171	Eq1:Reserved		GO 9	171
300	Eq1:Reserved		GI 30	300		172	Eq1:Reserved		GO 9	172
301	Eq1:ACA Request	ACA	DI 301	301		173	Eq1:ACA Echo	ACA	DO 173	173
302	Eq1:pACS Request	pACS	DI 302	302		174	Eq1:pACS Echo	pACS	DO 174	174
303	Eq1:ACVA Request	ACVA	DI 303	303		175	Eq1:ACVA Echo	ACVA	DO 175	175

# Color Change Option (FRA Waterborne - Equipment #2)

261	Eq2:pTRIG Request	pTRIG	GI 26	261	13	33	Eg2:pTRIG Echo	pTRIG	DO 133	133
262	Eq2:Reserved		GI 26	262	13		Eg2:Reserved	·	DO 134	134
263	Eg2:Reserved		GI 26	263	13	35	Eg2:Reserved		DO 135	135
	Eq2:pC1-24 Request	pC1-24	GI 26	264	13		Eg2:pC1-24 Echo	pC1-24	DO 136	136
							• •			
305	Eq2:pPE Request	pPE	GI 31	305	17	77	Eq2:pPE Echo	pPE	GO 10	177
306	Eq2:pIW Request	plW	GI 31	306	17	78	Eq2:pIW Echo	plW	GO 10	178
307	Eq2:pBW Request	pBW	GI 31	307	17	79	Eq2:pBW Echo	pBW	GO 10	179
308	Eq2:pSOL Request	pSOL	GI 31	308	18	80	Eq2:pSOL Echo	pSOL	GO 10	180
309	Eq2:pAIR Request	pAIR	GI 31	309	18	81	Eq2:pAIR Echo	pAIR	GO 10	181
310	Eq2:pCC Request	pCC	GI 31	310	18	82	Eq2:pCC Echo	pCC	GO 10	182
311	Eq2:pDUMP Request	pDUMP	GI 31	311	18	83	Eq2:pDUMP Echo	pDUMP	GO 10	183
312	Eq2:pCAN Request	pCAN	GI 31	312	18	84	Eq2:pCAN Echo	pCAN	GO 10	184
313	Eq2:pSEAL Request	pSEAL	GI 31	313	18	85	Eq2:pSEAL Echo	pSEAL	GO 10	185
314	Eq2:pDUMP2 Request	pDUMP2	GI 31	314	18	86	Eq2:pDUMP2 Echo	pDUMP2	GO 10	186
315	Eq2:pSOL2 Request	pSOL2	GI 31	315	18	87	Eq2:pSOL2 Echo	pSOL2	GO 10	187
316	Eq2:pPAINT Request	pPAINT	GI 31	316	18	88	Eq2:pPAINT Echo	pPAINT	GO 10	188
317	Eq2:Reserved		GI 31	317	18	89	Eq2:Reserved		GO 10	189
318	Eq2:p2T Request	p2T	GI 31	318	19	90	Eq2:p2T Echo	P2T	GO 10	190
319	Eq2:pVAC Request	pVAC	GI 31	319	19	91	Eq2:pVAC Echo	pVAC	GO 10	191
320	Eq2:pDI Request	pDI	GI 31	320	19	92	Eq2:pDI Ecno	pDI	GO 10	192
321	Eq2:pDAIR Request	pDAIR	GI 32	321	19	93	Eq2:pDAIR Echo	pDAIR	GO 11	193
322	Eq2:pVAIR Request	pVAIR	GI 32	322	19		Eq2:pVAIR Echo	pVAIR	GO 11	194
323	Eq2:Reserved		GI 32	323	19	95	Eq2:Reserved		GO 11	195
324	Eq2:Reserved		GI 32	324	19	96	Eq2:Reserved		GO 11	196
325	Eq2:Reserved		GI 32	325	19		Eq2:Reserved		GO 11	197
326	Eq2:Reserved		GI 32	326	19	98	Eq2:Reserved		GO 11	198
327	Eq2:Reserved		GI 32	327	19	99	Eq2:Reserved		GO 11	199
328	Eq2:Reserved		GI 32	328	20	00	Eq2:Reserved		GO 11	200
329	Eq2:Reserved		GI 32	329	20		Eq2:Reserved		GO 11	201
330	Eq2:Reserved		GI 32	330	20	02	Eq2:Reserved		GO 11	202
331	Eq2:Reserved		GI 32	331	20		Eq2:Reserved		GO 11	203
332	Eq2:Reserved		GI 32	332	20	04	Eq2:Reserved		GO 11	204
333	Eq2:ACA Request	ACA	DI 333	333	20	05	Eq2:ACA Echo	ACA	DO 205	205
334	Eq2:ACS Request	pACS	DI 334	334	20	06	Eq2:ACS Echo	pACS	DO 206	206
335	Eq2:ACVA Request	ACVA	DI 335	335	20	07	Eq2:ACVA Echo	ACVA	DO 207	207

# Color Change Option (FRA Waterborne - Equipment #3)

265	Eq3:pTRIG Request	pTRIG	GI 27	265	137	Eq3:pTRIG Echo	pTRIG	DO 137	137
266	Eq3:Reserved		GI 27	266	138	Eq3:Reserved		DO 138	138
267	Eq3:Reserved		GI 27	267	139	Eq3:Reserved		DO 139	139
268	Eq3:pC1-24 Request	pC1-24	GI 27	268	140	Eq3:pC1-24 Echo	Pc1-24	DO 140	140
337	Eq3:pPE Request	pPE	GI 33	337	209	Eq3:pPE Echo	pPE	GO 12	209
338	Eq3:pIW Request	plW	GI 33	338	210	Eq3:pIW Echo	plW	GO 12	210
339	Eq3:pBW Request	pBW	GI 33	339	211	Eq3:pBW Echo	pBW	GO 12	211
340	Eq3:pSOL Request	pSOL	GI 33	340	212	Eq3:pSOL Echo	pSOL	GO 12	212
341	Eq3:pAIR Request	pAIR	GI 33	341	213	Eq3:pAIR Echo	pAIR	GO 12	213
342	Eq3:pCC Request	pCC	GI 33	342	214	Eq3:pCC Echo	pCC	GO 12	214
343	Eq3:pDUMP Request	pDUMP	GI 33	343	215	Eq3:pDUMP Echo	pDUMP	GO 12	215
344	Eq3:pCAN Request	pCAN	GI 33	344	216	Eq3:pCAN Echo	pCAN	GO 12	216
345	Eq3:pSEAL Request	pSEAL	GI 33	345	217	Eq3:pSEAL Echo	pSEAL	GO 12	217
346	Eq3:pDUMP2 Request	pDUMP2	GI 33	346	218	Eq3:pDUMP2 Echo	pDUMP2	GO 12	218
347	Eq3:pSOL2 Request	pSOL2	GI 33	347	219	Eq3:pSOL2 Echo	pSOL2	GO 12	219
348	Eq3:pPAINT Request	pPAINT	GI 33	348	220	Eq3:pPAINT Echo	pPAINT	GO 12	220
349	Eq3:Reserved		GI 33	349	221	Eq3:Reserved		GO 12	221
350	Eq3:p2T Request	p2T	GI 33	350	222	Eq3:p2T Echo	p2T	GO 12	222
351	Eq3:pVAC Request	pVAC	GI 33	351	223	Eq3:pVAC Echo	pVAC	GO 12	223
352	Eq3:pDI Request	pDI	GI 33	352	224	Eq3:pDI Echo	pDI	GO 12	224
353	Eq3:pDAIR Request	pDAIR	GI 34	353	225	Eq3:pDAIR Echo	pDAIR	GO 13	225
354	Eq3:pVAIR Request	pVAIR	GI 34	354	226	Eq3:pVAIR Echo	pVAIR	GO 13	226
355	Eq3:Reserved		GI 34	355	227	Eq3:Reserved		GO 13	227
356	Eq3:Reserved		GI 34	356	228	Eq3:Reserved		GO 13	228
357	Eq3:Reserved		GI 34	357	229	Eq3:Reserved		GO 13	229
358	Eq3:Reserved		GI 34	358	230	Eq3:Reserved		GO 13	230
359	Eq3:Reserved		GI 34	359	231	Eq3:Reserved		GO 13	231
360	Eq3:Reserved		GI 34	360	232	Eq3:Reserved		GO 13	232
361	Eq3:Reserved		GI 34	361	233	Eq3:Reserved		GO 13	233
362	Eq3:Reserved		GI 34	362	234	Eq3:Reserved		GO 13	234
363	Eq3:Reserved		GI 34	363	235	Eq3:Reserved		GO 13	235
364	Eq3:Reserved		GI 34	364	236	Eq3:Reserved		GO 13	236
365	Eq3:ACA Request	ACA	DI 365	365	237	Eq3:ACA Echo	ACA	DO 237	237
	Eq3:pACS Request	pACS	DI 366	366	238	Eq3:pACS Echo	pACS	DO 238	238
367	Eq3:ACVA Request	ACVA	DI 367	367	239	Eq3:ACVA Echo	ACVA	DO 239	239

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# Color Change Option (FRA Waterborne - Equipment #4)

269	Eq4:pTRIG Request	pTRIG	GI 28	269	141	Eq4:pTRIG Echo	pTRIG	DO 141	141
270	Eq4:Reserved		GI 28	270	142	Eq4:Reserved		DO 142	142
271	Eq4:Reserved		GI 28	271	143	Eq4:Reserved		DO 143	143
272	Eq4:pC1-24 Request	pC1-24	GI 28	272	144	Eq4:pC1-24 Echo	pC1-24	DO 144	144
369	Eq4:pPE Request	pPE	GI 35	369	241	Eq4:pPE Echo	pPE	GO 14	241
370	Eq4:pIW Request	plW	GI 35	370	242	Eq4:pIW Echo	plW	GO 14	242
371	Eq4:pBW Request	pBW	GI 35	371	243	Eq4:pBW Echo	pBW	GO 14	243
372	Eq4:pSOL Request	pSOL	GI 35	372	244	Eq4:pSOL Echo	pSOL	GO 14	244
373	Eq4:pAIR Request	pAIR	GI 35	373	245	Eq4:pAIR Echo	pAIR	GO 14	245
374	Eq4:pCC Request	pCC	GI 35	374	246	Eq4:pCC Echo	pCC	GO 14	246
375	Eq4:pDUMP Request	pDUMP	GI 35	375	247	Eq4:pDUMP Echo	pDUMP	GO 14	247
376	Eq4:pCAN Request	pCAN	GI 35	376	248	Eq4:pCAN Echo	pCAN	GO 14	248
377	Eq4:pSEAL Request	pSEAL	GI 35	377	249	Eq4:pSEAL Echo	pSEAL	GO 14	249
378	Eq4:pDUMP2 Request	pDUMP2	GI 35	378	250	Eq4:pDUMP2 Echo	pDUMP2	GO 14	250
	Eq4:pSOL2 Request	pSOL2	GI 35	379	251	Eq4:pSOL2 Echo	pSOL2	GO 14	251
380	Eq4:pPAINT Request	pPAINT	GI 35	380	252	Eq4:pPAINT Echo	pPAINT	GO 14	252
381	Eq4:Reserved	·	GI 35	381	253	Eq4:Reserved	· ·	GO 14	253
382	Eq4:p2T Request	p2T	GI 35	382	254	Eq4:p2T Echo	p2T	GO 14	254
383	Eq4:pVAC Request	pVAC	GI 35	383	255	Eq4:pVAC Echo	pVAC	GO 14	255
384	Eq4:pDI Request	pDI	GI 35	384	256	Eq4:pDI Echo	pDI	GO 14	256
385	Eq4:pDAIR Request	pDAIR	GI 36	385	257	Eq4:pDAIR Echo	pDAIR	GO 15	257
386	Eq4:pVAIR Request	pVAIR	GI 36	386	258	Eq4:pVAIR Echo	pVAIR	GO 15	258
387	Eq4:Reserved		GI 36	387	259	Eq4:Reserved		GO 15	259
388	Eq4:Reserved		GI 36	388	260	Eq4:Reserved		GO 15	260
389	Eq4:Reserved		GI 36	389	261	Eq4:Reserved		GO 15	261
390	Eq4:Reserved		GI 36	390	262	Eq4:Reserved		GO 15	262
391	Eq4:Reserved		GI 36	391	263	Eq4:Reserved		GO 15	263
392	Eq4:Reserved		GI 36	392	264	Eq4:Reserved		GO 15	264
393	Eq4:Reserved		GI 36	393	265	Eq4:Reserved		GO 15	265
394	Eq4:Reserved		GI 36	394	266	Eq4:Reserved		GO 15	266
395	Eq4:Reserved		GI 36	395	267	Eq4:Reserved		GO 15	267
	Eq4:Reserved		GI 36	396	268	Eq4:Reserved		GO 15	268
397	Eq4:ACA Request	ACA	DI 397	397	269	Eq4:ACA Echo	ACA	DO 269	269
	Eq4:pACS Request	pACS	DI 398	398	270	Eq4:pACS Echo	pACS	DO 270	270
	Eq4:ACVA Request	ACVA	DI 399	399	271	Eq4:ACVA Echo	ACVA	DO 271	271

# Color Change Option (AccuFlow - Single Painter - Equipment #1)

257	Eq1:pTRIG Request	pTRIG	GI 25	257	129	Eq1:pTRIG Echo	pTRIG	DO 129	129
258	Eq1:Reserved		GI 25	258	130	Eq1:Reserved		DO 139	130
259	Eq1:Reserved		GI 25	259	131	Eq1:Reserved		DO 131	131
260	Eq1:pC1-24 Request	pC1-24	GI 25	260	132	Eq1:pC1-24 Echo	pC1-24	DO 132	132
273	Eq1:pPE Request	pPE	GI 29	273	145	Eq1:pPE Echo	pPE	GO 8	145
274	Eq1:pIW Request	plW	GI 29	274	146	Eq1:pIW Echo	plW	GO 8	146
275	Eq1:pBW Request	pBW	GI 29	275	147	Eq1:pBW Echo	pBW	GO 8	147
276	Eq1:pSOL Request	pSOL	GI 29	276	148	Eq1:pSOL Echo	pSOL	GO 8	148
277	Eq1:pAIR Request	pAIR	GI 29	277	149	Eq1:pAIR Echo	pAIR	GO 8	149
278	Eq1:pCC Request	pCC	GI 29	278	150	Eq1:pCC Echo	pCC	GO 8	150
279	Eq1:pDUMP Request	pDUMP	GI 29	279	151	Eq1:pDUMP Echo	pDUMP	GO 8	151
280	Eq1:RO Request	RO	GI 29	280	152	Eq1:RO Echo	RO	GO 8	152
281	Eq1:pSEAL Request	pSEAL	GI 29	281	153	Eq1:pSEAL Echo	pSEAL	GO 8	153
282	Eq1:Reserved		GI 29	282	154	Eq1:Reserved		GO 8	154
283	Eq1:Reserved		GI 29	283	155	Eq1:Reserved		GO 8	155
284	Eq1:Reserved		GI 29	284	156	Eq1:Reserved		GO 8	156
285	Eq1:Reserved		GI 29	285	157	Eq1:Reserved		GO 8	157
286	Eq1:ACA Request	ACA	GI 29	286	158	Eq1:ACA Echo	ACA	GO 8	158
287	Eq1:pACS Request	pACS	GI 29	287	159	Eq1:pACS Echo	pACS	GO 8	159
288	Eq1:ACVA Request	ACVA	GI 29	288	160	Eq1:ACVA Echo	ACVA	GO 8	160
289	Eq1:Reserved		GI 30	289	161	Eq1:Reserved		GO 9	161
290	Eq1:Reserved		GI 30	290	162	Eq1:Reserved		GO 9	162
291	Eq1:Reserved		GI 30	291	163	Eq1:Reserved		GO 9	163
292	Eq1:Reserved		GI 30	292	164	Eq1:Reserved		GO 9	164
293	Eq1:Reserved		GI 30	293	165	Eq1:Reserved		GO 9	165
294	Eq1:Reserved		GI 30	294	166	Eq1:Reserved		GO 9	166
295	Eq1:Reserved		GI 30	295	167	Eq1:Reserved		GO 9	167
296	Eq1:Reserved		GI 30	296	168	Eq1:Reserved		GO 9	168
297	Eq1:Reserved		GI 30	297	169	Eq1:Reserved		GO 9	169
298	Eq1:Reserved		GI 30	298	170	Eq1:Reserved		GO 9	170
299	Eq1:Reserved		GI 30	299	171	Eq1:Reserved		GO 9	171
300	Eq1:Reserved		GI 30	300	172	Eq1:Reserved		GO 9	172
301	Eq1:Reserved		DI 301	301	173	Eq1:Reserved		DO 173	173
302	Eq1:Reserved		DI 302	302	174	Eq1:Reserved		DO 174	174
303	Eq1:Reserved		DI 303	303	175	Eq1:Reserved		DO 175	175

# Color Change Option (IPC - Single Painter - Equipment #1)

257	Eq1:pTRIG Request	pTRIG	GI 25	257	129	Eq1:pTRIG Echo	pTRIG	DO 129	129
258	Eq1:Reserved	piriid	GI 25	258	130		piilid	DO 139	130
259	Eq1:Reserved		GI 25	259	131			DO 131	131
260	Eq1:pC1-24 Request	pC1-24	GI 25	260	132		pC1-24	DO 132	132
	24.160. 21.104000	PO	G. 20	200	. 02		PG. 2.	50 .02	.02
273	Eq1:pPE Request	pPE	GI 29	273	145	Eq1:pPE Echo	pPE	GO 8	145
274	Eq1:plW Request	Wlq	GI 29	274	146	Eq1:pIW Echo	Wlq	GO 8	146
275	Eq1:pBW Request	pBW	GI 29	275	147	Eg1:pBW Echo	pBW	GO 8	147
276	Eq1:pSOL Request	pSOL	GI 29	276	148	Eq1:pSOL Echo	pSOL	GO 8	148
277	Eq1:pAIR Request	pAIR	GI 29	277	149		pAIR	GO 8	149
278	Eq1:pCC Request	pCC	GI 29	278	150		pCC	GO 8	150
279	Eq1:pDUMP Request	pDUMP	GI 29	279	151	Eq1:pDUMP Echo	pDUMP	GO 8	151
280	Eq1:pFLUSH Request	pFLUSH	GI 29	280	152		pFLUSH	GO 8	152
281	Eq1:pSEAL Request	pSEAL	GI 29	281	153		pSEAL	GO 8	153
282	Eq1:Reserved		GI 29	282	154			GO 8	154
283	Eg1:Reserved		GI 29	283	155	Eg1:Reserved		GO 8	155
284	Eq1:Reserved		GI 29	284	156			GO 8	156
285	Eg1:Reserved		GI 29	285	157	Eg1:Reserved		GO 8	157
286	Eg1:ACA Request	ACA	GI 29	286	158	Eq1:ACA Echo	ACA	GO 8	158
287	Eq1:pACS Request	pACS	GI 29	287	159	Eg1:pACS Echo	pACS	GO 8	159
288	Eg1:ACVA Request	ACVA	GI 29	288	160	Eq1:ACVA Echo	ACVA	GO 8	160
	' '					'			
289	Eg1:Reserved		GI 30	289	161	Eg1:Reserved		GO 9	161 162 163 164 165 166
290	Eq1:Reserved		GI 30	290	162	Eq1:Reserved		GO 9	162
291	Eg1:Reserved		GI 30	291	163	Eq1:Reserved		GO 9	163
292	Eq1:Reserved		GI 30	292	164	Eq1:Reserved		GO 9	164
293	Eg1:Reserved		GI 30	293	165	Eg1:Reserved		GO 9	165
294	Eq1:Reserved		GI 30	294	166	Eq1:Reserved		GO 9	166
295	Eg1:Reserved		GI 30	295	167	Eg1:Reserved		GO 9	167
296	Eq1:Reserved		GI 30	296	168	Eq1:Reserved		GO 9	167 168
297	Eq1:Reserved		GI 30	297	169			GO 9	169 170
298	Eq1:Reserved		GI 30	298	170			GO 9	170
299	Eq1:Reserved		GI 30	299	171	Eq1:Reserved		GO 9	171 T
300	Eq1:Reserved		GI 30	300	172			GO 9	172
301	Eq1:Reserved		DI 301	301	173			DO 173	173
	Eg1:Reserved		DI 302	302	174			DO 174	174
	Eq1:Reserved		DI 303	303	175			DO 175	175