HMI / PRESS CONTROL

For Commercial / Newspaper Web Press Applications

HMI TOUCH SCREEN
INDUSTRIAL FAN-LESS PC

ELO-Touch Tablet Style Monitor with Projected Capacitive Type Technology

Fitted with Ergo Swing Arm or Desk Base

Industrial Fan-less Type i5 64Bit PC with DVI 1920x1080 resolution, 250GB SSD Hard Drive, and 8GB RAM (High Temp Type)

INFILINK / KEPSERV5 HMI SOFTWARE

Infilink HMI Programming Software: used for development of Operator Controls

KEPWARE Sever Software: used for communications to Allen-Bradley Control Logix via Ethernet IP Communications   (Infilink / KepWare are licensed software)


Allen-Bradley 1756 Control Logix / Compact Logix Processor to Interface with existing Allen-Bradley Type PLC Controls and Infilink HMI Software. (DH+, Remote I/O, & Ethernet Comms)

- The HMI Software is comprised of several different menus that provide the various operator controls and status indications for press mechanisms.

- **Press Mimic Menu**: Provides Press Equipment Layout and Status Indications
- **Start Up Menu**: Provides Start Up Controls for Press Print Functions and Auto Sequence
- **Tension Menu**: Provides Operator Controls for altering Chill and Folder Draw Rollers
- **Ink/Damp Trims Menu**: Provides Operator Controls for altering Ink / Dampener Trims
- **Register Menu**: Provides Operator Controls for altering Cir and Lat Register Mechanisms
- **Unit Control Menu**: Provides Operator Controls for Individual Unit Print Functions
- **Configuration Menu**: Provides Operator Controls for Auto Sequence Timing / Ramps
- **Maintenance Menu**: Provides Operator Controls for use by maintenance
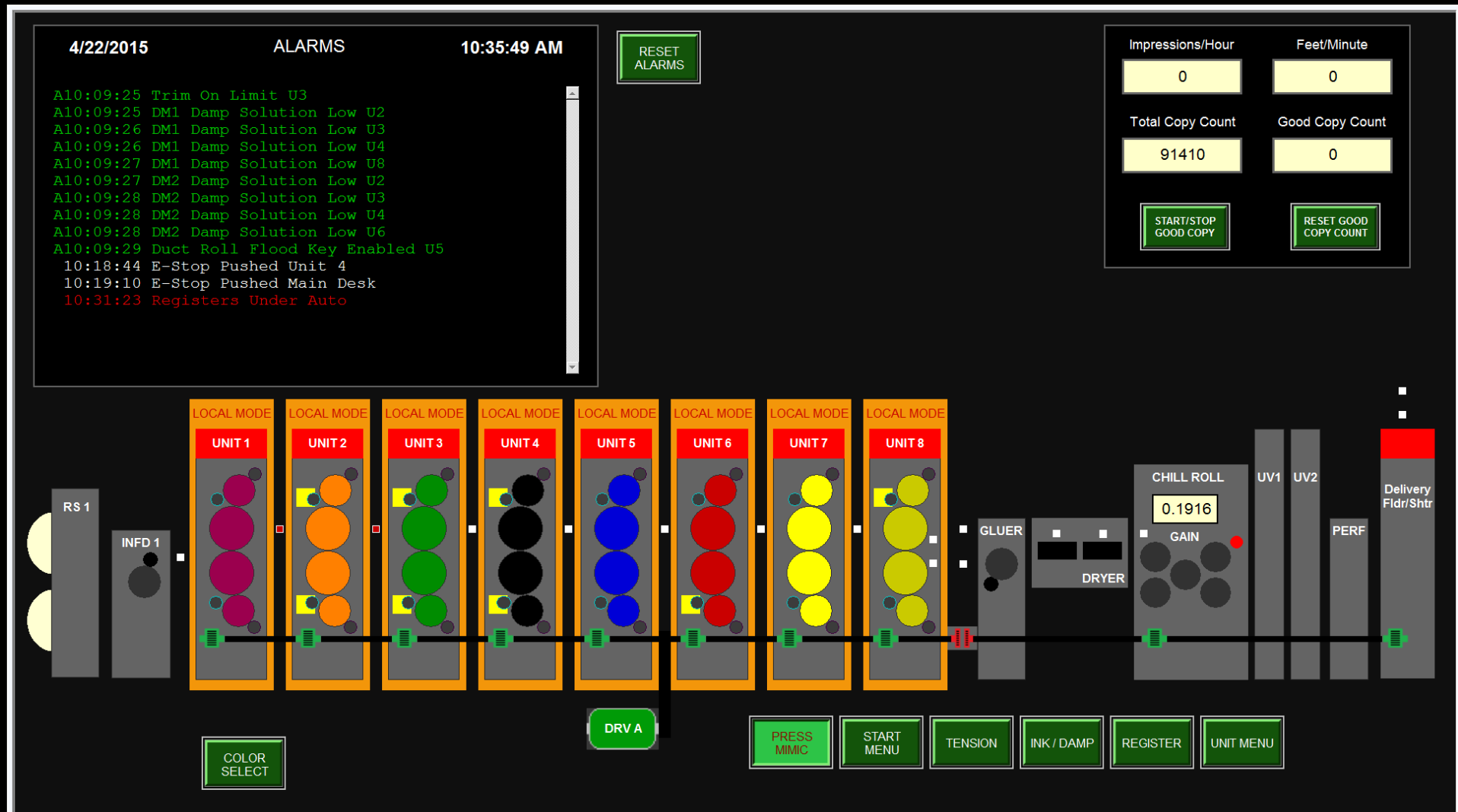
START UP MENU

Dampener Flood Controls

UPPER | LOWER | BOTH

FLOOD ALL

4/22/2015   ALARMS   **10:12:12 AM**

```
A10:09:25 Trim On Limit U3
A10:09:25 DM1 Damp Solution Low U2
A10:09:26 DM1 Damp Solution Low U3
A10:09:26 DM1 Damp Solution Low U4
A10:09:27 DM1 Damp Solution Low U8
A10:09:27 DM2 Damp Solution Low U2
A10:09:28 DM2 Damp Solution Low U3
A10:09:28 DM2 Damp Solution Low U4
A10:09:28 DM2 Damp Solution Low U6
A10:09:29 Duct Roll Flood Key Enabled U5
```

RESET ALARMS

Impressions/Hour	Feet/Minute
0	0

Total Copy Count	Good Copy Count
91410	0

START/STOP GOOD COPY

Waste Copy Count
0

AUTO SEQUENCE

AUTO STOP | AUTO START

PRINT FUNCTIONS

CONFIGURE | PAN ROLLS | DAMP TRIP | INKER MOTOR | INKING TRIP | DUCT ROLL

IMPRESSIONS

UNIT 1 | UNIT 2 | UNIT 3 | UNIT 4 | UNIT 5 | UNIT 6 | UNIT 7 | UNIT 8

PRESS MIMIC | START MENU | TENSION | INK / DAMP | REGISTER | UNIT MENU | BLANKET WASH
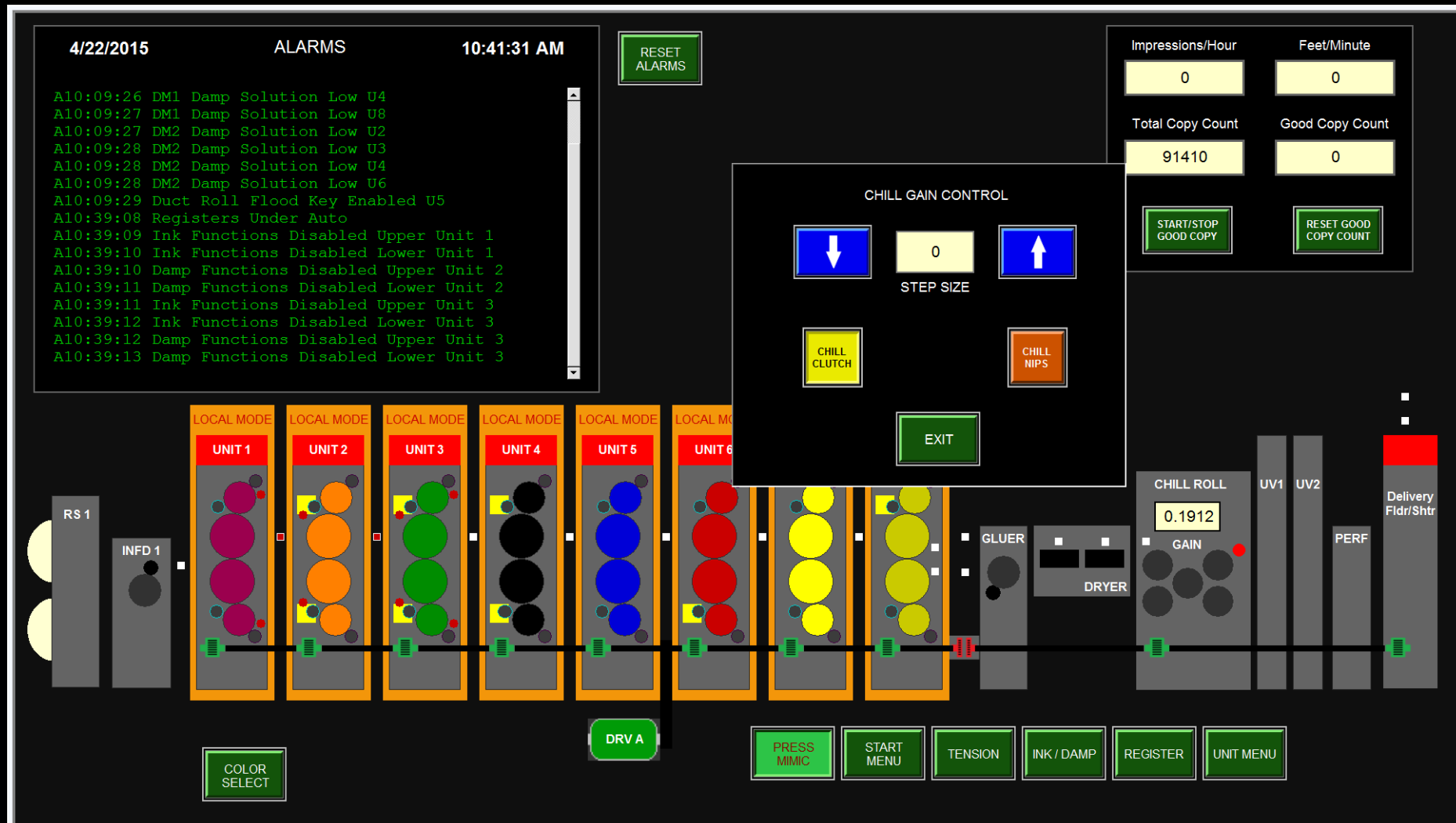
4/22/2015 ALARMS **10:41:31 AM**

A10:09:26 DM1 Damp Solution Low U4
A10:09:27 DM1 Damp Solution Low U8
A10:09:27 DM2 Damp Solution Low U2
A10:09:28 DM2 Damp Solution Low U3
A10:09:28 DM2 Damp Solution Low U4
A10:09:28 DM2 Damp Solution Low U6
A10:09:29 Duct Roll Flood Key Enabled U5
A10:39:08 Registers Under Auto
A10:39:09 Ink Functions Disabled Upper Unit 1
A10:39:10 Ink Functions Disabled Lower Unit 1
A10:39:10 Damp Functions Disabled Upper Unit 2
A10:39:11 Damp Functions Disabled Lower Unit 2
A10:39:11 Ink Functions Disabled Upper Unit 3
A10:39:12 Ink Functions Disabled Lower Unit 3
A10:39:12 Damp Functions Disabled Upper Unit 3
A10:39:13 Damp Functions Disabled Lower Unit 3

RESET ALARMS

Impressions/Hour: 0
Feet/Minute: 0
Total Copy Count: 91410
Good Copy Count: 0

START/STOP GOOD COPY
RESET GOOD COPY COUNT

CHILL GAIN CONTROL

STEP SIZE: 0

CHILL CLUTCH

CHILL NIPS

EXIT

LOCAL MODE — UNIT 1
LOCAL MODE — UNIT 2
LOCAL MODE — UNIT 3
LOCAL MODE — UNIT 4
LOCAL MODE — UNIT 5
LOCAL MODE — UNIT 6

RS 1

INFD 1

GLUER

DRYER

CHILL ROLL
0.1912
GAIN

UV1 UV2

PERF

Delivery Fldr/Shtr

DRV A

COLOR SELECT

PRESS MIMIC
START MENU
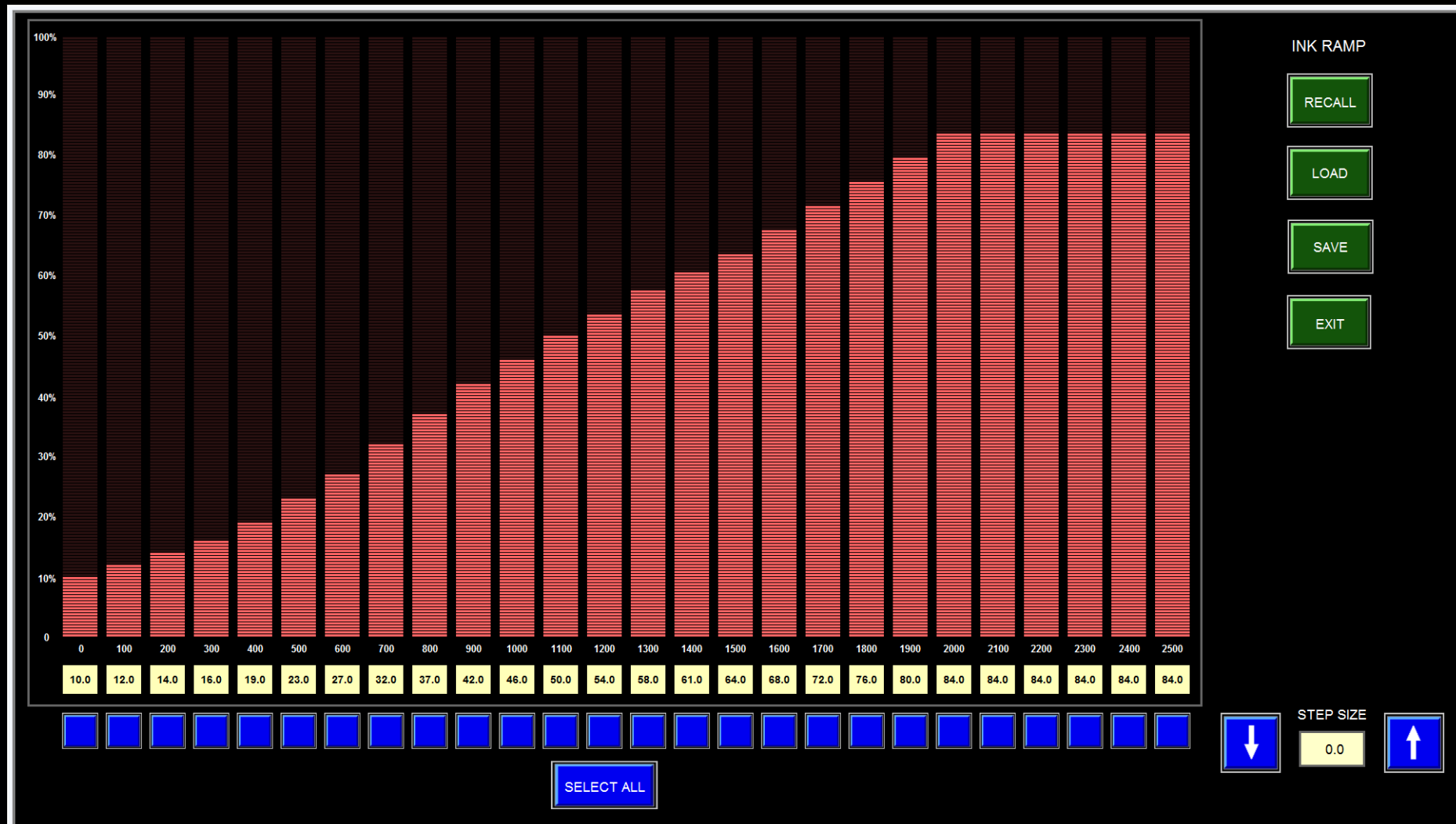TENSION
INK / DAMP
REGISTER
UNIT MENU

AUTO SEQUENCE MENU

AUTO SEQUENCE TIMERS

	AUTO SEQUENCE DELAY ON	AUTO SEQUENCE DELAY OFF		AUTO SEQUENCE DELAY ON	AUTO SEQUENCE DELAY OFF
IMPRESSIONS UNIT 1	10	5	DAMPENER MOTOR	1	9
IMPRESSIONS UNIT 2	9	6	DAMPENER TRIP	1	9
IMPRESSIONS UNIT 3	8	7	INKER MOTOR	11	1
IMPRESSIONS UNIT 4	7	8	INKER TRIP	6	3
IMPRESSIONS UNIT 5	10	5	DUCT ROLL	12	1
IMPRESSIONS UNIT 6	9	6			
IMPRESSIONS UNIT 7	8	7			
IMPRESSIONS UNIT 8	7	8			

SAVE

EXIT

DAMPENER RAMP MENU

DAMPENER RAMP

RECALL

LOAD

SAVE

EXIT

0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500
22.0	22.0	23.0	25.0	27.0	30.0	34.0	38.0	42.0	45.0	48.0	51.0	54.0	57.0	60.0	62.0	64.0	66.0	70.0	72.0	74.0	76.0	78.0	80.0	82.0	84.0

SELECT ALL

STEP SIZE

0.0
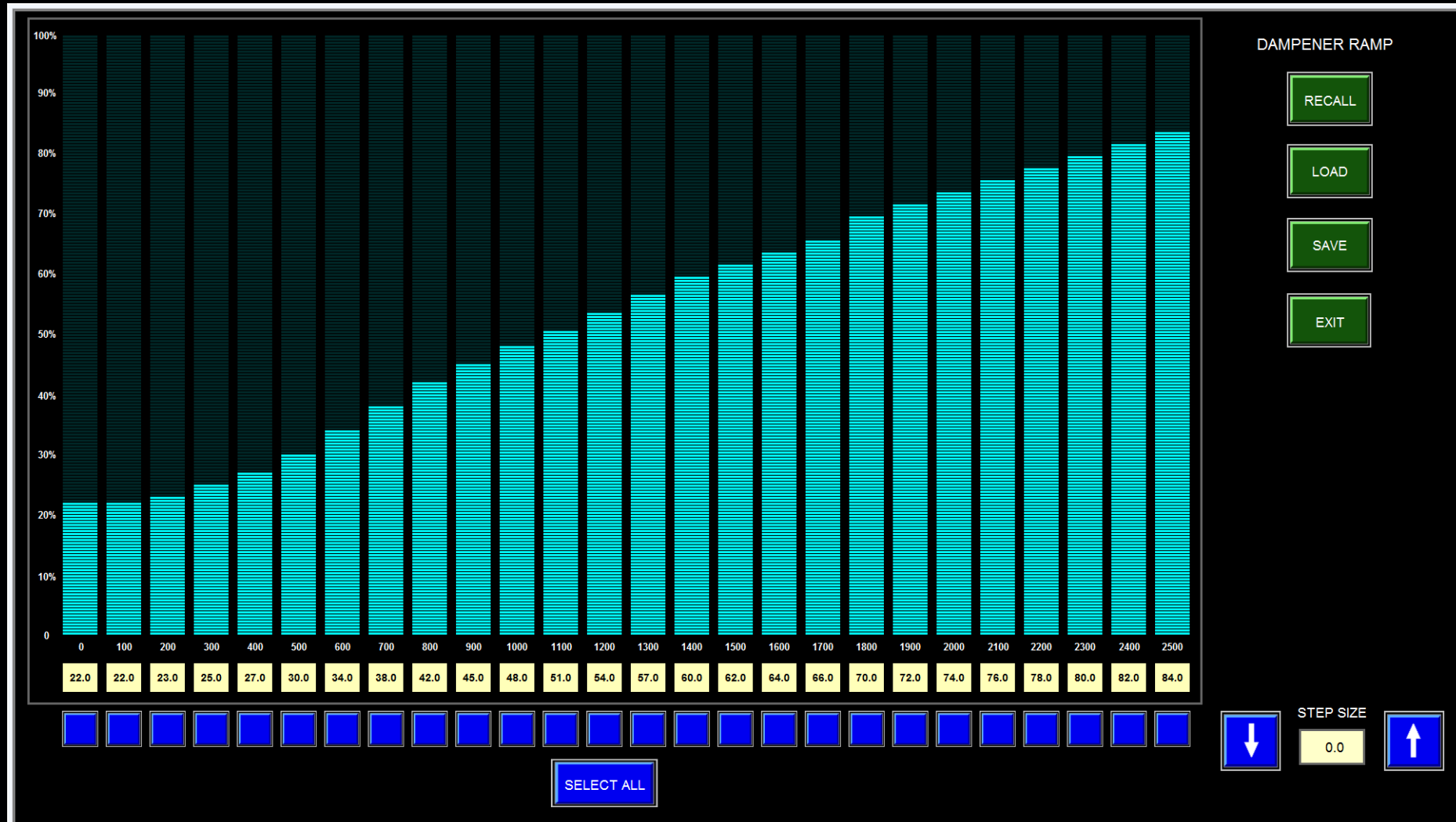
MAINTENANCE MENU

GROUP 0 / MODULE 0
1771-IV DC INPUT

- 00 □ LOCAL/REMOTE PB
- 01 □ DMT1 METERING TRIP PB
- 02 □ DT1 DAMP TRIP PB
- 03 □ IT1 INKER TRIP PB
- 04 □ IMPRESSION PB
- 05 □ DM1 PAN ROLL PB
- 06 □ IM1 INKER MOTOR PB
- 07 □ DR1 DUCT ROLL PB

GROUP 1 / MODULE 0
1771-IV DC INPUT

- 00 ■ CLUTCH ENGAGED
- 01 □ CLUTCH DISENGAGED
- 02 □ OIL PRESSURE
- 03 ■ DM1 DAMP SOULTION LOW
- 04 ■ DM2 DAMP SOLUTION LOW
- 05 □ DM1 RUNNING
- 06 □ DM2 RUNNING
- 07 ■ UNIT EXISTS

GROUP 2 / MODULE 0
1771-IV DC INPUT

- 00 □ CIR 1 REG ACTIVE
- 01 □ LAT 1 REG ACTIVE
- 02 □ CIR 2 REG ACTIVE
- 03 □ LAT 2 REG ACTIVE
- 04 □ DR1 ACTIVE
- 05 □ DR2 ACTIVE
- 06 ■ PHASOR ADV LMT
- 07 ■ PHASOR RET LMT

GROUP 3 / MODULE 0
1771-IV DC INPUT

- 00 □ DM1 (+) TRIM PB
- 01 □ DM1 (-) TRIM PB
- 02 □ DR1 (+) TRIM PB
- 03 □ DR1 (-) TRIM PB
- 04 □ DM2 (+) TRIM PB
- 05 □ DM2 (-) TRIM PB
- 06 □ DR2 (+) TRIM PB
- 07 □ DR2 (-) TRIM PB

GROUP 4 / MODULE 0
1771-ON AC OUTPUT

- 00 ■ LOCAL/REMOTE LAMP
- 01 □ DMT1 METERING TRIP LAMP
- 02 □ DT1 DAMP TRIP LAMP
- 03 □ IT1 INKER TRIP LAMP
- 04 □ IMPRESSION LAMP
- 05 □ DM1 PAN ROLL LAMP
- 06 □ IM1 INKER MOTOR LAMP
- 07 □ DR1 DUCT ROLL LAMP

GROUP 0 / MODULE 1
1771-IV DC INPUT

- 10 □ TANDEM PB
- 11 □ DMT2 METERING TRIP PB
- 12 □ DT2 DAMP TRIP PB
- 13 □ IT2 INKER TRIP PB
- 14 □
- 15 □ DM2 PAN ROLL PB
- 16 □ IM2 INKER MOTOR PB
- 17 □ DR2 DUCT ROLL PB

GROUP 1 / MODULE 1
1771-IV DC INPUT

- 10 ■ UNIT ON PRESS A
- 11 □ UNIT ON PRESS B
- 12 □ INCH FORWARD PB
- 13 □ INCH REVERSE PB
- 14 □ SLOW DOWN PB
- 15 □ E-STOP INDICATION
- 16 □ OIL FILTER BLOCKED
- 17 □ DUCT ROLL FLOOD ACTIVE

GROUP 2 / MODULE 1
1771-IV DC INPUT

- 10 ■ CIR 1 REG ADV LMT
- 11 ■ CIR 1 REG RET LMT
- 12 ■ LAT 1 REG GEAR LMT
- 13 ■ LAT 1 REG OPER LMT
- 14 ■ CIR 2 REG ADV LMT
- 15 ■ CIR 2 REG RET LMT
- 16 ■ LAT 2 REG GEAR LMT
- 17 ■ LAT 2 REG OPER LMT

GROUP 3 / MODULE 1
1771-ON AC OUTPUT

- 10 ■ READY LAMP
- 11 □ SAFE LAMP
- 12 □ OIL PUMP MOTOR
- 13 ■ I/O RELAY OUTPUT FUSE
- 14 □ PHASOR ADV RELAY
- 15 □ PHASOR RET RELAY
- 16 □ KICK-BACK RELAY
- 17 □

GROUP 4 / MODULE 1
1771-ON AC OUTPUT

- 10 □ TANDEM LAMP
- 11 □ DMT2 METERING TRIP LAMP
- 12 □ DT2 DAMP TRIP LAMP
- 13 □ IT2 INKER TRIP LAMP
- 14 □
- 15 □ DM2 PAN ROLL LAMP
- 16 □ IM2 INKER MOTOR LAMP
- 17 □ DR2 DUCT ROLL LAMP

UNIT SELECT

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

UNIT I/O RACK
MODULE GROUPS 0 - 4

PREV | EXIT | NEXT

```
A4/22/2015  11:07:32  AM\AM93_5    Ink Functions Disabled Lower Unit 3
A4/22/2015  11:07:37  AM\AM93_4    Ink Functions Disabled Upper Unit 3
A4/22/2015  11:06:59  AM\AM93_1    Ink Functions Disabled Lower Unit 1
A4/22/2015  11:07:04  AM\AM93_0    Ink Functions Disabled Upper Unit 1
A4/22/2015  11:07:03  AM\AM92_5    Damp Functions Disabled Lower Unit 3
A4/22/2015  11:07:03  AM\AM92_4    Damp Functions Disabled Upper Unit 3
A4/22/2015  11:07:02  AM\AM92_3    Damp Functions Disabled Lower Unit 2
A4/22/2015  11:07:02  AM\AM92_2    Damp Functions Disabled Upper Unit 2
A4/22/2015  11:07:01  AM\AM81_4    Duct Roll Flood Key Enabled U5
A4/22/2015  11:07:01  AM\AM69_5    DM2 Damp Solution Low U6
A4/22/2015  11:07:01  AM\AM69_3    DM2 Damp Solution Low U4
A4/22/2015  11:07:00  AM\AM69_2    DM2 Damp Solution Low U3
A4/22/2015  11:07:00  AM\AM69_1    DM2 Damp Solution Low U2
A4/22/2015  11:06:57  AM\AM68_7    DM1 Damp Solution Low U8
A4/22/2015  11:06:56  AM\AM68_3    DM1 Damp Solution Low U4
A4/22/2015  11:06:54  AM\AM68_2    DM1 Damp Solution Low U3
A4/22/2015  11:06:53  AM\AM68_1    DM1 Damp Solution Low U2
A4/22/2015  11:06:51  AM\AM67_2    Trim On Limit U3
A4/22/2015  11:07:23  AM\AM44_4    Registers Under Auto
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ALARMS HISTORY   RESET ALARMS   EXIT

```
3/23/2015    6:30:40 AM\AM68_3    DM1 Damp Solution Low U4
3/23/2015    6:30:40 AM\AM69_3    DM2 Damp Solution Low U4
3/23/2015    6:30:46 AM\AM68_3    DM1 Damp Solution Low U4
3/23/2015    6:30:47 AM\AM69_3    DM2 Damp Solution Low U4
3/25/2015    7:05:27 AM\AM59_13   Clutch Fault Step Down
3/25/2015    7:05:27 AM\AM59_13   Clutch Fault Step Down
3/28/2015   11:01:55 AM\AM60_3    Clutch Fault CR1
3/28/2015   11:01:55 AM\AM68_2    DM1 Damp Solution Low U3
3/28/2015   11:01:55 AM\AM68_3    DM1 Damp Solution Low U4
3/28/2015   11:01:55 AM\AM68_7    DM1 Damp Solution Low U8
3/28/2015   11:01:55 AM\AM69_2    DM2 Damp Solution Low U3
3/28/2015   11:01:55 AM\AM69_3    DM2 Damp Solution Low U4
3/28/2015   11:01:55 AM\AM69_5    DM2 Damp Solution Low U6
3/28/2015   11:01:57 AM\AM60_3    Clutch Fault CR1
3/28/2015   11:01:58 AM\AM68_2    DM1 Damp Solution Low U3
3/28/2015   11:01:59 AM\AM68_3    DM1 Damp Solution Low U4
3/28/2015   11:01:59 AM\AM68_7    DM1 Damp Solution Low U8
3/28/2015   11:01:59 AM\AM69_2    DM2 Damp Solution Low U3
3/28/2015   11:02:00 AM\AM69_3    DM2 Damp Solution Low U4
3/28/2015   11:02:00 AM\AM69_5    DM2 Damp Solution Low U6
3/28/2015   11:02:04 AM\AM60_3    Clutch Fault CR1
3/28/2015   11:02:12 AM\AM44_2    Anti-Jam Disabed
3/28/2015   11:02:21 AM\AM44_2    Anti-Jam Disabed
3/28/2015   11:02:31 AM\AM44_2    Anti-Jam Disabed
3/28/2015    1:32:30 AM\AM68_2    DM1 Damp Solution Low U3
3/28/2015    1:32:30 AM\AM68_3    DM1 Damp Solution Low U4
3/28/2015    1:32:30 AM\AM68_7    DM1 Damp Solution Low U8
3/28/2015    1:32:30 AM\AM69_2    DM2 Damp Solution Low U3
3/28/2015    1:32:30 AM\AM69_3    DM2 Damp Solution Low U4
3/28/2015    1:32:30 AM\AM69_5    DM2 Damp Solution Low U6
3/28/2015    1:32:32 AM\AM68_2    DM1 Damp Solution Low U3
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EXIT