Faceplate LCD Display

The LCD display allows quick access to key information at the switch-control site. See S&C Instruction Sheet 1045-540 for more details. See Figure 1.

Switch Position Indication

Switches can be manually operated from the faceplate. The OPEN button will open the switch, and the CLOSE button will close the switch. The switch position is indicated by the switch contact LED information:

Closed—The switch contacts indicate a **Closed** switch position.

Trip—This indicates the switch was opened automatically and it will turn off when the switch is in the **Closed** position.

Open—The switch contacts indicate an **Open** switch position.

Automatic Operation

The CHANGE button enables or disables automatic operation, as indicated by the LEDs. The automatic operations are:

• Sectionalizing
• Phase-imbalance protection
• Phase-imbalance protection with automatic reclose
• One- or two-shot lockout of a faulted circuit

SCADA Control

The CHANGE button sets the SCADA CONTROL indicator to the **Remote** or **Local** setting, as indicated by the LEDs:

Remote—Indicates SCADA commands are permitted

Local—Indicates SCADA commands are blocked

Remote Communications

These LEDs indicate communication activity. RCV indicates incoming communication, and XMT indicates outgoing communication.
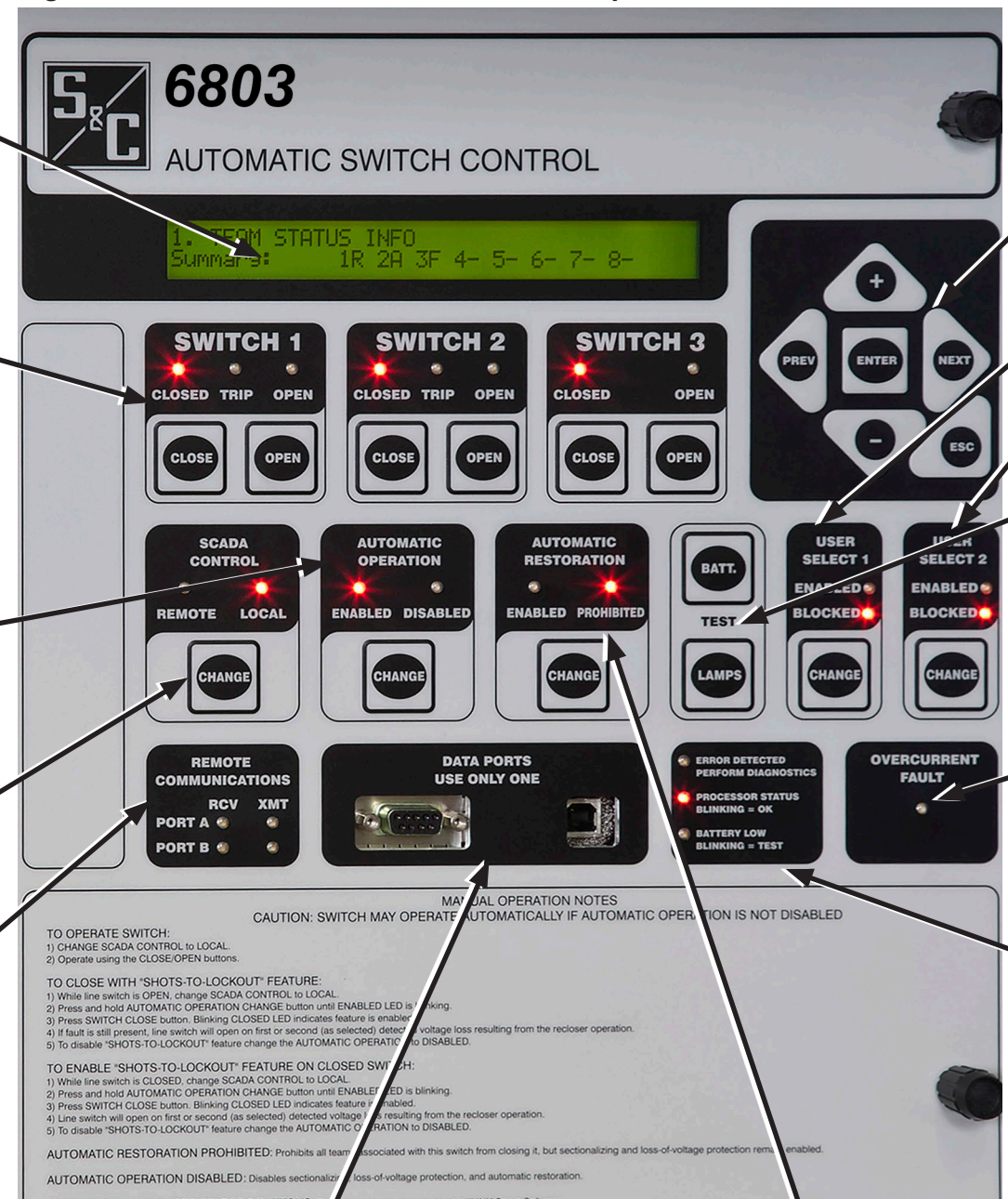
Figure 1. 6803 Automatic Switch Control Faceplate

Data Scroll Keys

Use these buttons to scroll through and enter LCD data.

User Select Commands

The CHANGE button switchs the status for the two **User Select** commands configured on the *Setup>General>User Commands* screen.

Test

The BATT. button manually starts the battery test. This lasts 30 seconds under battery power and 3 minutes under ac power.

The LAMPS button tests the faceplate LEDs, which should blink during testing.

Overcurrent Fault

This LED indicates fault current has been registered on any phase. Historical logs of an event can be downloaded with the **Tools>Compact Flash Access…** menu entry IntelliLink® Setup Software screen.

Error Detected Perform Diagnostics

This LED indicates an active **Error** condition.

Processor Status Blinking = OK

This LED blinks to indicate proper operation.

Battery Low

This LED indicates a marginal battery condition that may not permit line switch operation. This LED blinks to indicate a battery test is in process. See S&C Instruction Sheet 1045-550 for more details.
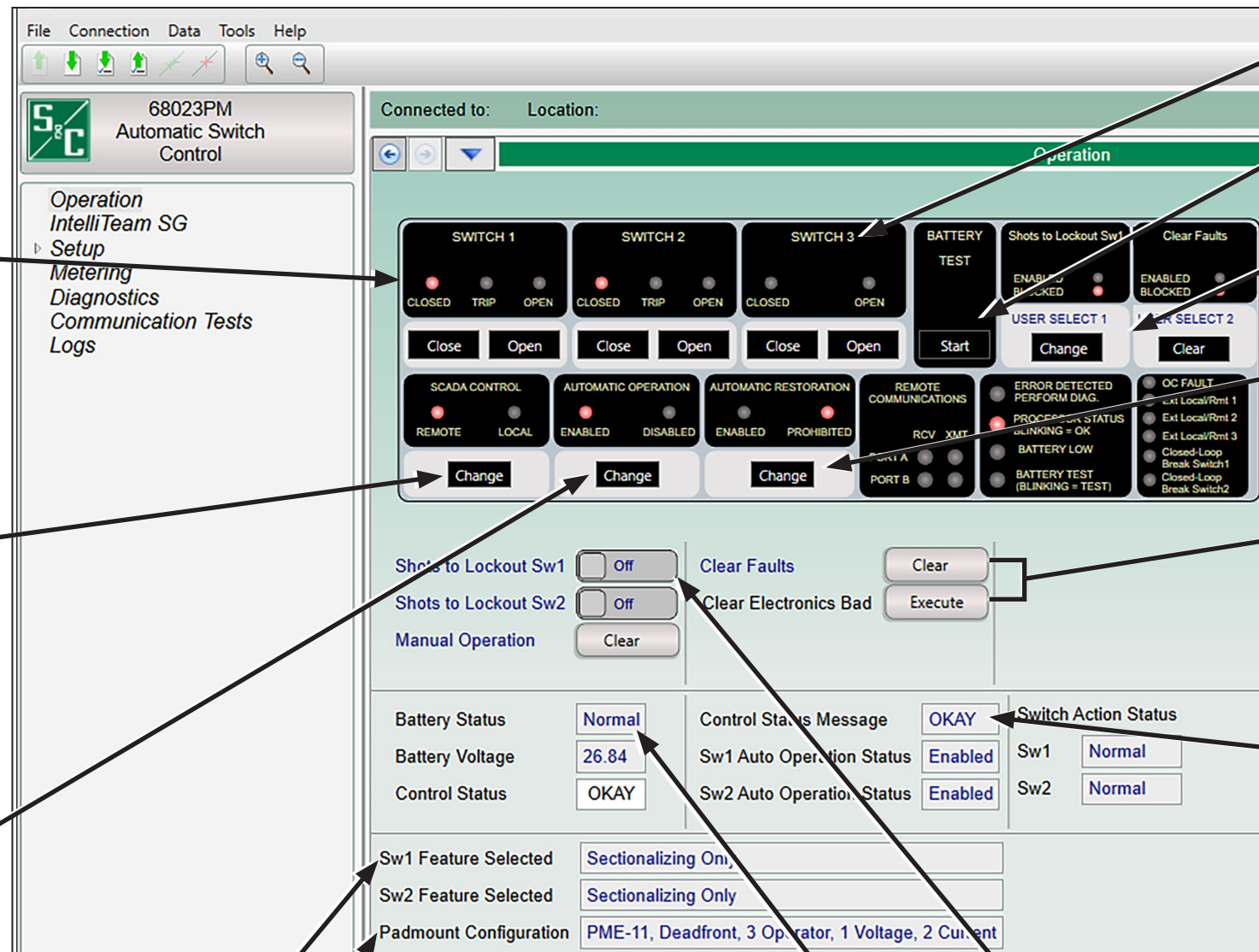
Data Ports

A serial or USB connection can be made locally to the control. Do not use both at the same time.

Automatic Restoration

The CHANGE button enables or disables the **Automatic Restoration** function, as indicated by the LEDs.

Enabling IntelliLink Setup Software Commands

The 6803 control can be operated from the IntelliLink Setup Software *Operations* screen either locally or remotely. The connection is local when connected to the faceplate serial port and remote when connected by Ethernet or radio. To enable IntelliLink remote commands, the **Remote Commands** setting must be enabled on the IntelliLink software *Setup>Security* screen.

Switch Position Indication

Switches can be manually operated from this screen. Click on the OPEN button to open the switch; click on the CLOSE button to close the switch.

The switch position is indicated by switch contact information:

Closed—The switch contacts indicate a **Closed** switch position.

Trip—This indicates the switch was opened automatically, and it will turn off when the switch is in the **Closed** position.

Open—The switch contacts indicate an **Open** switch position. See Figure 2.

SCADA Control

The CHANGE button sets the SCADA CONTROL indicator to the **Remote** or **Local** mode, as indicated by the LEDs:

Remote—This indicates SCADA commands are permitted.

Local—This indicates SCADA commands are blocked.

Note: The LOCAL button is only accessible when connected locally to the control.

Automatic Operation

The CHANGE button enables or disables **Automatic** operation, as indicated by the LEDs.

The **Automatic** operations are:

• Sectionalizing

• Phase-imbalance protection

• Phase-imbalance protection with automatic reclose

• One- or two-shot lockout of a faulted circuit

Sw1/Sw2 Feature Selected

The **Automatic Operation** setting is configured on the *Setup>General>Automatic Op.* screen, and the configured setting is indicated here.

Padmount Configuration

This shows the settings for pad-mounted gear configuration, set on the *Setup>General>Sensor Config* screen.

Figure 2. IntelliLink® Setup Software (for Pad-Mounted Gear)

Switch 3

It is only operated manually; there is no **Trip** function.

Battery Test

The START button manually starts the battery test.

User Select Commands

These CHANGE button changes the status of the two **User Select** commands configured on the *Setup>General> User Commands* screen.

Automatic Restoration

The CHANGE button enables or disables the **Automatic Restoration** feature, as indicated by the LEDs, which should blink during testing.

Clear Faults

The CLEAR button clears all fault indicators.

Clear Electronics Bad

The EXECUTE button clears all bad electronics indicators.

Control Status Message

"OKAY" indicates the control is operating correctly.

"Settings Mismatch" indicates the **Validate/Apply** command failed.

"Problem Present" indicates an error is detected that is not a **Warning** or **Alarm** condition.

Sw1/Sw2 6802 Control Auto Operation Status

"Disabled" if the **Automatic Operation** function was disabled on the *Operation* screen or the faceplate.

"Enabled" if the **Automatic Operation** function was configured by SCADA.

Shots to Lockout Sw1/Sw2

This button enables the **Shots to Lockout** mode. This feature is the configured number of three-phase voltage losses that must be detected during the configured **Shots to Lockout Time Threshold** setting before the control can trip open the switch.

Manual Operation

The CLEAR button clears a manual operation to return the IntelliTeam® Automatic Restoration System to the **Ready** state.

Battery Status

This is the overall status of the battery system. A battery system can be in a **Normal**, **Low**, or **Bad** state.

Battery Voltage

This shows the battery voltage under normal operating load.

Control Status

This can show the **OKAY**, **Warning**, **Alarm**, or **Maintenance Mode** status.