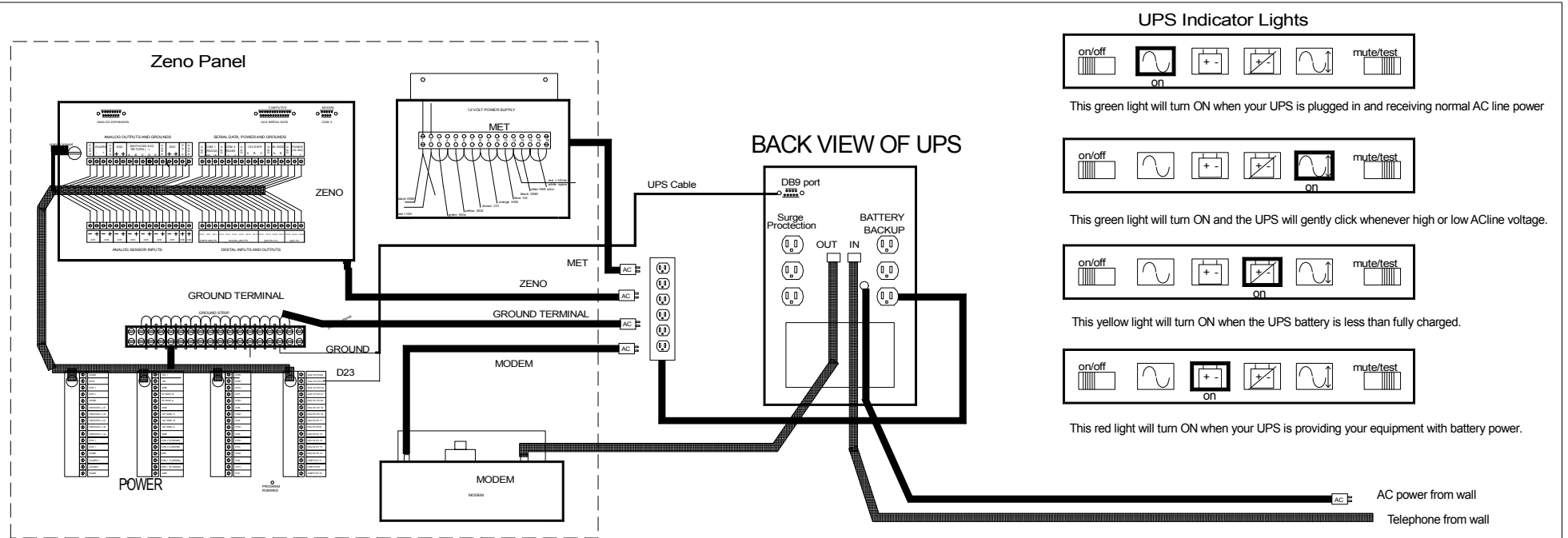
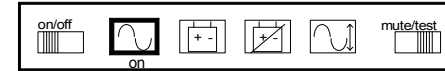


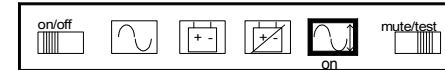
# UPS System Configuration



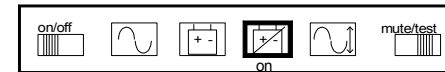
## UPS Indicator Lights



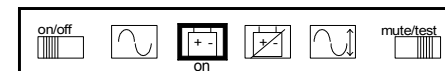
This green light will turn ON when your UPS is plugged in and receiving normal AC line power



This green light will turn ON and the UPS will gently click whenever high or low AC line voltage.



This yellow light will turn ON when the UPS battery is less than fully charged.



This red light will turn ON when your UPS is providing your equipment with battery power.

## NOTES:

1. Make sure the UPS is fully charged (2-4 hours) before connecting equipment to it.
2. Connect ZENO Panel/Platform Powerstrip to a battery protected outlet on rear of UPS.
3. Connect Dasibi to a Surge/Protected outlet on rear of UPS.
4. Connect Phone line from Modem to the Jack marked "out and connect the phone line from the outside to Jack marked "in".
5. Verify the Zeno is correctly configured for the addition of UPS. See if sensor PWR\_TEST is in the Sensor Status Menu.

## UPS CONFIGURATION SYSTEM TEST

### Uninterruptible Power Supply System Check

Verify that the Zeno is recording the Error message in the data output when power outage occurs.

### Test equipment needed

1. Standard CAMS setup or Laptop with Zeno to computer cable.

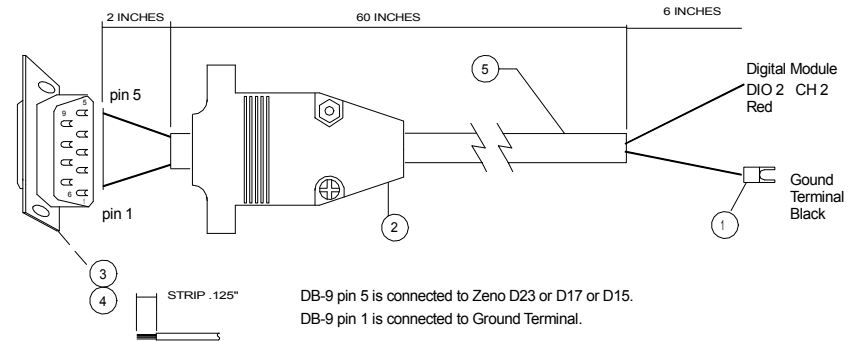
### Test Configuration

The Ups is installed into system and the Zeno is collecting data.

### Test Procedure

1. Log on to the Zeno.
2. Type D to enter the Data Retrieval Menu.
3. Type L to view the last data record.   
 Note: in the example used, there are NO present error messages. If so, add 400000 to message.   
 Example of record: 8,02/03/25,19:20:00,0,1,K,11.....etc.   
 CAMS #, date, time, error code, 1,k,11.....etc.
4. Unplug UPS power from the wall for a few seconds.
5. After 5 minutes, type L to view the last data record.   
 The error code should have change from 0 to 400000.
6. If all the conditions are met, then enter an operators log.

## If building a UPS cable



DB-9 pin 5 is connected to Zeno D23 or D15.  
DB-9 pin 1 is connected to Ground Terminal.

ITEM	TNRCC PART NO.	DESCRIPTION	QTY
1	supply	terminal lug, # 6 spade, PANDUIT	1
2	102-90	Backshell, DB-9, plastic	1
3	102-89	connector, DB-9, male,	1
4	supply	Heatshrink, 1/8" dia x 1/4"	2
5	supply	cable, STP, 22 GA BELDEN	72 inch
6			
7			

TNRCC			
	DATE	TITLE	
HERNANDEZ	3/2/13	UPS SYSTEM CONFIGURATION	
C. Randolph			
		SIZE	DWG. NUMBER
Ups cable Sutron.skf		A	REV