



OPERATION: CONNECT 12V BATTERY TO J1-J3, 12V CHARGER TO J2-J3.  
 SET DISCHARGE LOAD CURRENT WITH SWITCH S1 (0, 4, 12, 18, OR 25A).  
 SET R25 FOR VOLTAGE TO DISCONNECT LOAD (I.E. 10.5V FOR 12V BATTERY).  
 SET R2 FOR VOLTAGE TO DISCONNECT CHARGER (I.E. 14.5V).  
 UNIT THEN DISCHARGES BATTERY TO 10.5V, CHARGES TO 14.5V, ETC.  
 CABINET AND SWITCH S1 IS FROM WINDMERE HEATPRO HEATER #3147/137.  
 MODIFIED RUDMAN REGULATOR: REMOVE LP1, CONNECT EXT. PARTS AS SHOWN.

|                        |                                    |              |
|------------------------|------------------------------------|--------------|
| TMSI C/O LEE HART      |                                    |              |
| leeahart@earthlink.net |                                    |              |
| Title                  |                                    |              |
| BATTERY CYCLER         |                                    |              |
| Size                   | Document Number                    | REV          |
| A                      | C:\ORCAD\SHEET\TEMPLATE\CYCLER.SCH | B            |
| Date:                  | March 28, 2013                     | Sheet 1 of 1 |