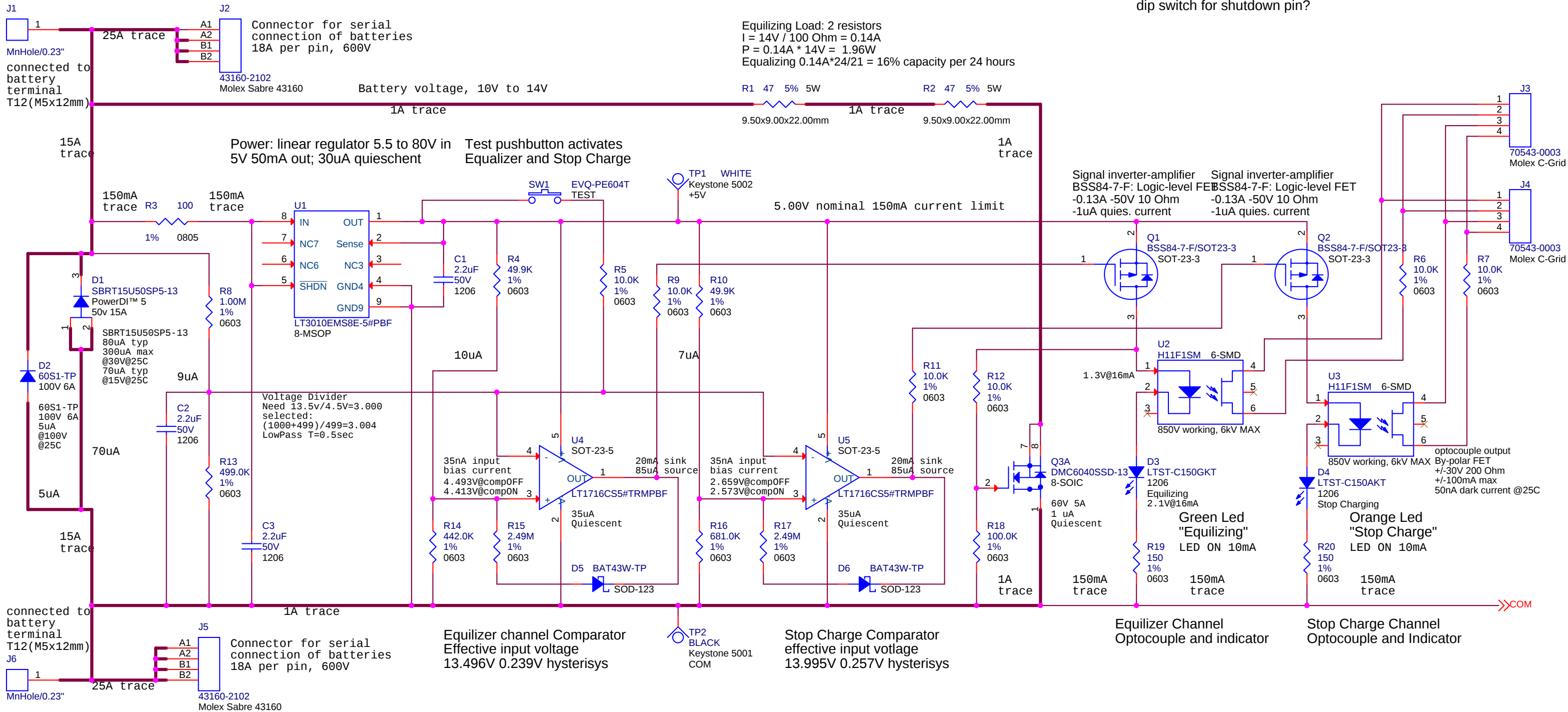




Power Sonic Lead-Acid batteries

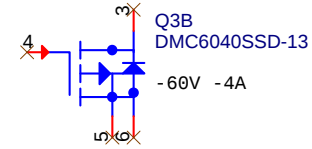
Temperature compensation at cyclic use:

- At 50C, CV charge at 2.30+/-0.05V/cell or 13.80 +/- 0.3V
- At 40C, CV charge at 2.36+/-0.05V/cell or 14.16 +/- 0.3V
- At 30C, CV charge at 2.42+/-0.05V/cell or 14.52 +/- 0.3V
- At 25C, CV charge at 2.45+/-0.05V/cell or 14.7 +/- 0.3V
- At 20C, CV charge at 2.48+/-0.05V/cell or 14.88 +/- 0.3V
- At 10C, CV charge at 2.54+/-0.05V/cell or 15.24 +/- 0.3V
- At 0C, CV charge at 2.60+/-0.05V/cell or 15.6 +/- 0.3V

Temperature compensation for float:

- At 50C, float at 2.225+/-0.025V/cell or 13.35 +/- 0.15V
- At 40C, float at 2.245+/-0.025V/cell or 13.47 +/- 0.15V
- At 30C, float at 2.265+/-0.025V/cell or 13.59 +/- 0.15V
- At 25C, float at 2.275+/-0.025V/cell or 13.65 +/- 0.15V
- At 20C, float at 2.285+/-0.025V/cell or 13.71 +/- 0.15V
- At 10C, float at 2.305+/-0.025V/cell or 13.83 +/- 0.15V
- At 0C, float at 2.325+/-0.025V/cell or 13.95 +/- 0.15V

Blockign diode option
SBR10U45SP5-13
45V 10A
40uA typ
@15V @25C
50uA typ, 300uA max
@30V @25C



Monterey Bay Aquarium Research Institute 7700 Sandholdt Rd, Moss landing CA 95076			
Page Title Battery Status Board		Project: 901400	
Engineer Klimov	831-775-1914	File Name (auto) 11021167-BSB1	Rev *
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