

Sample Report.doc

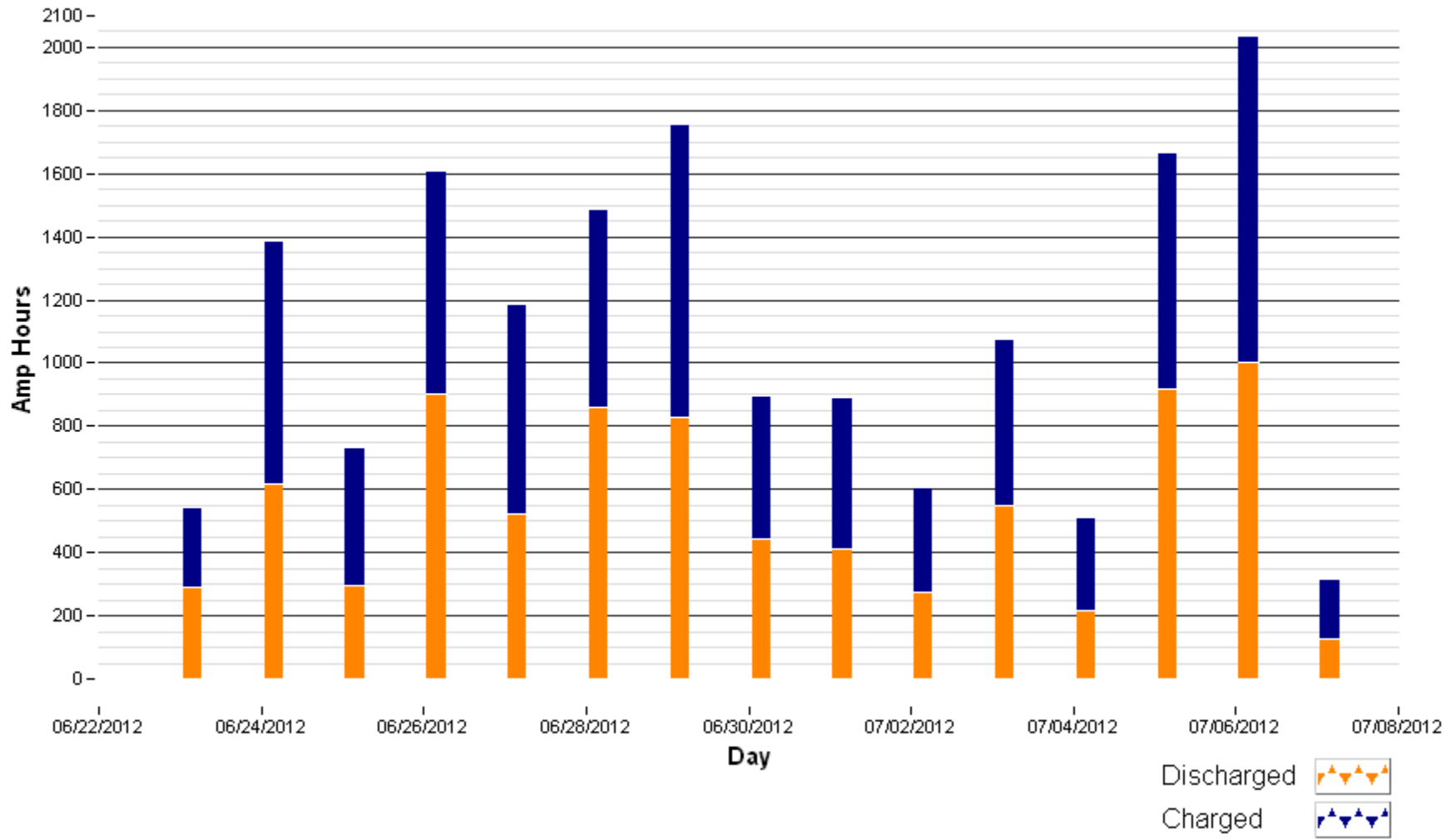
TOBi Battery Report Generated 08/21/2012 08:10 AM for Events from 06/23/2012 03:22 PM to 07/07/2012 07:21 AM

Factory ID	000000266140
Model Number	CAT 2
Serial Number	REACO
Voltage Rating	36
AH Rating	1000
Type	none
Area	none
Location	none
Battery ID	perishable
Comments	none
Block EM	0
Lifetime AH Charged	33906
Lifetime AH Discharged	29484
Lifetime Max Temp	116
Lifetime Min Temp	63
Lifetime Average Temp	88

## Throughput Report for Battery "perishable" by Day

Date	AH Discharged	% of Rated	AH Charged	Charge/Discharge
Saturday 6/23/2012	292	29%	253	87%
Sunday 6/24/2012	617	62%	769	125%
Monday 6/25/2012	296	30%	435	147%
Tuesday 6/26/2012	901	90%	708	79%
Wednesday 6/27/2012	521	52%	666	128%
Thursday 6/28/2012	860	86%	630	73%
Friday 6/29/2012	826	83%	931	113%
Saturday 6/30/2012	443	44%	452	102%
Sunday 7/1/2012	412	41%	479	116%
Monday 7/2/2012	275	28%	332	121%
Tuesday 7/3/2012	550	55%	527	96%
Wednesday 7/4/2012	216	22%	294	136%
Thursday 7/5/2012	920	92%	749	81%
Friday 7/6/2012	1001	100%	1037	104%
Saturday 7/7/2012	126	13%	192	152%

### Daily Battery Throughput for Battery "perishable"

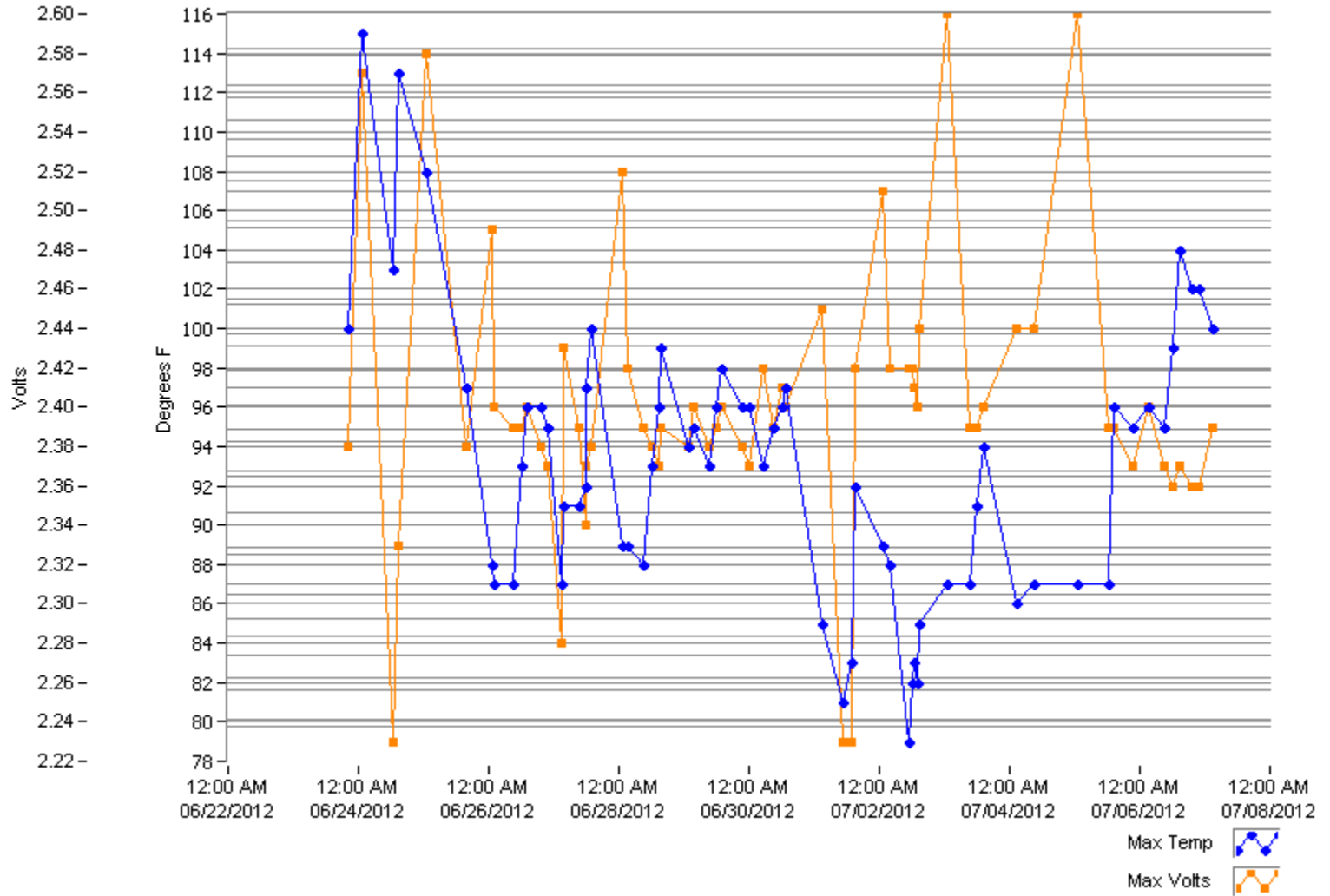


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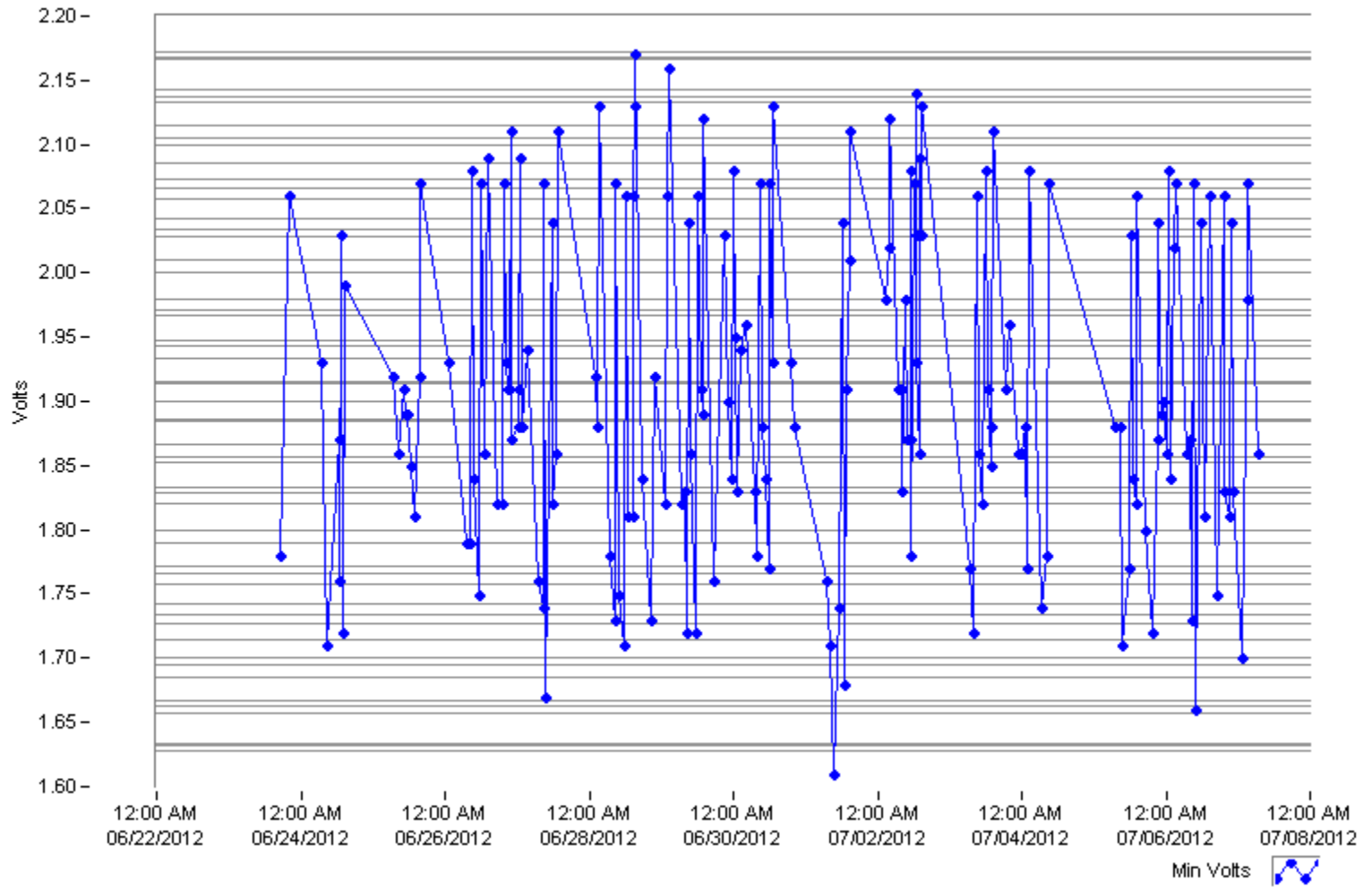
## Critical Parameters Report for Battery "perishable"

Date	Minimum Voltage	Maximum Voltage	Maximum Temperature
Saturday 6/23/2012	1.78	2.38	101
Sunday 6/24/2012	1.71	2.57	116
Monday 6/25/2012	1.81	2.58	108
Tuesday 6/26/2012	1.75	2.49	96
Wednesday 6/27/2012	1.67	2.43	101
Thursday 6/28/2012	1.71	2.52	99
Friday 6/29/2012	1.72	2.40	98
Saturday 6/30/2012	1.77	2.42	97
Sunday 7/1/2012	1.61	2.45	93
Monday 7/2/2012	1.78	2.51	90
Tuesday 7/3/2012	1.72	2.60	94
Wednesday 7/4/2012	1.74	2.44	88
Thursday 7/5/2012	1.71	2.60	97
Friday 7/6/2012	1.66	2.40	104
Saturday 7/7/2012	1.70	2.39	101

### Max Temp, Max Volts for Battery "perishable" CHARGE Events



**Min Volts for Battery "perishable" DISCHARGE Events**



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Operations Report for Battery "perishable"

Date	Discharge Time	Discharge % of Day	Charge Time	Charge % of Day	Total % of Day
Saturday 6/23/2012	3:14	13.5	1:38	6.8	20.3
Sunday 6/24/2012	6:52	28.6	8:23	34.9	63.5
Monday 6/25/2012	5:00	20.8	5:41	23.7	44.5
Tuesday 6/26/2012	11:38	48.5	5:03	21.0	69.5
Wednesday 6/27/2012	5:11	21.6	4:24	18.3	39.9
Thursday 6/28/2012	9:24	39.2	4:37	19.2	58.4
Friday 6/29/2012	11:24	47.5	5:14	21.8	69.3
Saturday 6/30/2012	6:31	27.2	3:33	14.8	41.9
Sunday 7/1/2012	5:38	23.5	3:49	15.9	39.4
Monday 7/2/2012	5:51	24.4	3:33	14.8	39.2
Tuesday 7/3/2012	7:23	30.8	4:52	20.3	51.0
Wednesday 7/4/2012	2:43	11.3	2:11	9.1	20.4
Thursday 7/5/2012	12:22	51.5	5:25	22.6	74.1
Friday 7/6/2012	11:46	49.0	6:02	25.1	74.2
Saturday 7/7/2012	2:12	9.2	1:31	6.3	15.5





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Utilization Report for Battery "perishable" by Day

Date	Discharge AH	Discharge Time	Discharge AH/H	Max Discharge Temp	Charge AH	Charge Time	Max Charge Temp	Idle Time
Saturday 6/23/2012	292	3:14	90.31	96	253	1:38	100	3:10
Sunday 6/24/2012	617	6:52	89.85	115	769	8:23	115	8:46
Monday 6/25/2012	296	5:00	59.20	106	435	5:41	108	13:19
Tuesday 6/26/2012	901	11:38	77.45	95	708	5:03	96	7:20
Wednesday 6/27/2012	521	5:11	100.51	98	666	4:24	100	14:25
Thursday 6/28/2012	860	9:24	91.49	99	630	4:37	99	9:59
Friday 6/29/2012	826	11:24	72.46	97	931	5:14	98	7:22
Saturday 6/30/2012	443	6:31	67.98	96	452	3:33	97	13:56
Sunday 7/1/2012	412	5:38	73.14	83	479	3:49	92	14:33
Monday 7/2/2012	275	5:51	47.01	89	332	3:33	89	14:37
Tuesday 7/3/2012	550	7:23	74.49	92	527	4:52	94	11:46
Wednesday 7/4/2012	216	2:43	79.51	83	294	2:11	87	19:07
Thursday 7/5/2012	920	12:22	74.39	97	749	5:25	96	6:13
Friday 7/6/2012	1001	11:46	85.07	104	1037	6:02	104	6:12
Saturday 7/7/2012	126	2:12	57.27	99	192	1:31	100	3:25

### Battery SOC for battery "perishable"

