Naval ammunition Depot Crane, Ind.

MONTHLY PROGRESS REPORT THROUGH 30 JUNE 1965

(LIFE CYCLE TESTS)

1. Status of Cycling Program: The cycling program has included cells from the following manufacturers: General Electric Company (G.E.), Gould-National Batteries, Inc. (Gould), Sonotone Corporation (Sonotone), Yardney Electric Corporation (Yardney), Gulton Industries, Inc. (Gulton) and Delco-Remy (Delco).

TOTAL NUMBER OF PACKS IN PROGRAM: 130

Cell Type	Total Number of Packs Cycled To Date	Still Cycling	Failed	Cells Failed* Since Last Report	Total To Date
NICKEL CADMIUM (10-cell packs)					
G. E. 3.0 a.h.	12	8	4	6	33
Gould 3.5 a.h.	12	5	7	1	55
Sonotone 5.0 a.h.	12	10	2	1	28
Gulton 6.0 a.h.	12	5	7	1	59
TOTAL	48	28	20	9	175
NICKEL CADMIUM (5-cell Packs)					
Sonotone 3.0 a.h.	3	3	0	0	0
G.E. 5.0 a.h. NIMBUS	6	6	0	0	0
G.E. 12 a.h.	13	10	3	2	14
Gulton 4.0 a.h.	6	6	0	0	0
Gulton 5.0 a.h. NIMBUS	6	6	0	0	0
Gulton 6.0 a.h.	1	1	0	0	2
Gulton 6.0 a.h. HSI	3	3	0	0	0
Gulton 6.0 a.h. 3rd Elect.	5	5	0	0	0
Gulton 12 a.h.	6	6	0	1	2
Gulton 20 a.h.	12	5	7	2	28
Gulton 50 a.h.	2	0	2	0	6
Gulton 20 a.h.	12	6	6	1	20
	75	57	18	6	72
NICKEL CADMIUM (10-cell packs)					
Yardney 12 a.h.	2	0	2	0	16
	2	0	2	0	16
SILVER ZINC (10-cell packs)					
Yardney 12 a.h.	1	1	0	0	0
	1	1	0	0	0
SILVER ZINC (5-cell packs)					
[illegible]	3	0	3	0	10
[illegible]	1	0	1	0	2
	4	0	4	0	12

[illegible] lysis results are cumulative. These results are shown on [illegible].

NASA Order W-11252B

2. Test Parameters:

a. General Cycling Program:

(1) Ambient Temperature:

(a) 0° C.

(b) 25° C.

(c) 40° C.

(2) Voltage limits per pack on charge:

(a) 1.55 ± 0.03 volts per cell at 0° C.

(b) 1.49 ± 0.03 volts per cell at 25° C.

(c) 1.45 ± 0.03 volts per cell at 40° C.

(3) Depth of Discharge:

(a) 90-minute and 3-hour orbits:

1. 15 percent and 25 percent at 0° C.
2. 25 percent and 40 percent at 25° C.
3. 15 percent and 25 percent at 40° C.

(b) 24-hour orbits:

1. 50 percent at 25° C and 40° C.

(4) Orbit Times:

(a) 90 minutes--30-minute discharge and 60-minute charge.

(b) 3 hours--30-minute discharge and 150-minute charge.

(c) 24 hours--1-hour discharge and 23-hour charge.

b. Nimbus Packs:

(1) Ambient Temperature:

(a) 0° C.

(b) 25° C.

(c) 40° C.

(2) Voltage limit per pack on charge: 1.49 ± 0.03 volts per cell at each temperature.

(3) Depth of Discharge:

(a) 15 percent and 25 percent at 0° C.

(b) 25 percent and 40 percent at 25° C.

(c) 15 percent and 25 percent at 40° C.

(4) Orbit Time: 90 minutes--30-minute discharge and 60-minute charge.

c. Silver-Cadmium Packs:

(1) Ambient Temperatures:

(a) 0° C.

(b) 40° C.

(2) Voltage limits per pack on charge: 1.50 ± 0.03 volts per cell at both temperatures.

(3) Depth of Discharge: 50 percent at both temperatures.

(4) Orbit Time: 24 hours--1-hour discharge and 23-hour charge.

d. Silver-Zinc Packs:

(1) Ambient Temperature: 25° C.

(2) Voltage limit per pack on charge: 1.97 ± 0.03 volts per cell at 25° C.

(3) Depth of Discharge:

(a) 3-hour orbit: 40 percent at 25° C.

(b) 24-hour orbit: 25 percent and 40 percent at 25° C.

(4) Orbit Times:

(a) 3 hours--30-minute discharge and 150-minute charge.

(b) 24 hours--1-hour discharge and 23-hour charge.

e. Third Electrode Packs (Gulton):

(1) Ambient Temperatures:

(a) 0° C.

(b) 25° C.

(c) 40° C.

(2) Voltage limits per pack on charge: None. Limit is controlled by the third electrode voltage:

(a) 150 millivolts at 0° C.

(b) 300 millivolts at 25° C.

(c) 300 millivolts at 40° C.

(3) Depth of Discharge:

(a) 25 percent and 40 percent at 0° C.

(b) 25 percent and 40 percent at 25° C.

(c) 15 percent and 25 percent at 40° C.

(4) Orbit Time: 90 minutes--30-minute discharge and 60-minute charge.

3. Data:

a. Under normal operation, complete data is scheduled to be recorded every 32 cycles on the 90-minute and 3-hour packs. On the 24-hour packs, complete data is taken every eight cycles.

b. The attached data sheets give end of discharge and end of charge voltage readings for each cell on each cycle recorded.

4. Capacity Tests:

a. Before cycling, each pack was given a capacity test at its respective cycling temperature. This check consisted of a c/10 charge for 16 hours followed by a c/2 discharge to 1.0 volt per cell average. After each 88 days of cycling, each pack was discharged immediately after the end of the regular cycle charge period, at the c/2 rate to 1.0 volt per cell average. The pack was then recharged at the c/10 rate for 16 hours and discharged at the c/2 rate to 1.0 volt per cell average. The pack was then recharged at the c/10 rate for 48 hours, voltage limited to the cycle limits. Data of capacity tests is tabulated on pages 37 through 43.

CELL TYPE: General Electric 3.0 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
15	25%	1.5	25°	432	7	*8065	Low Volt Disch, Low Volt Chg, Blistering on Bottom Edge of Pos Plate, Migration of Neg Plate Material, Separator Completely Deteriorated.
			25°	414	8	*8245	Low Volt Disch, Low Volt Chg, Blistering on Bottom Edge of Pos Plate, Migration of Neg Plate Material, Separator Completely Deteriorated.
16	40%	1.5	25°	427	7	3985	Low Volt Disch, Normal Volt Chg, Pos Tab Broken and Touching Case, Burned Tape on Tab Caused by Overheating From Poor Tab Weld.
			25°	58	6	4473	Low Volt Disch, Normal Volt Chg, Short on One Edge of Plates, Neg Plate Material Penetrated Separator.
			25°	361	1	4741	Low Volt Disch, Normal Volt Chg, Shorted, Separator Deteriorated, Neg Plate Material Penetrated Separator.
			25°	522	5	4917	Low Volt Disch, Low Volt Chg, Separator Impregnated with Neg Plate Material, Separator Deteriorated.
			25°	456	10	4917	Low Volt Disch, Low Volt Chg, Separator Impregnated with Neg Plate Material, Separator Deteriorated.
			25°	719	4	5013	Low Volt Disch, Low Volt Chg, Separator Impregnated with Neg Plate Material, Separator Deteriorated, Several Small Burned Areas on Separator.

* FAILED DURING THIS REPORTING PERIOD.

CELL TYPE: General Electric 3.0 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
20	40%	3.0	25°	421	5	*3704	Low Volt Disch, Low Volt Chg, Blistering on Bottom and Top Edge of Pos Plate, Migration of Neg Plate Material, Separator Completely Deteriorated.
39	15%	1.5	50°	541	2	779	Low Volt Disch, High Volt Chg, Leaked, Shorted at Top of Core, Separator Too Short, Pos Tab Burned.
			40°	540	6	2083	Low Volt Disch, High Volt Chg, Leaked, Shorted at Top of Core, Separator Too Short, Pos Tab Burned.
			40°	549	7	2523	Low Volt Disch, High Volt Chg, Pos Tab Burned.
			40°	527	1	*7213	Low Volt Disch, Normal Volt Chg, Deposit Around Pos Terminal, Pos Tab Burned, Migration of Neg Plate Material, Separator Deteriorated.

CELL TYPE: General Electric 3.0 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
40	25%	1.5	40°	464	3	2073	Low Volt Disch, High Volt Chg, Shorted at Top of Core, Separator Too Short, Pos Tab Burned.
			40°	3131	8	2182	Low Volt Disch, Normal Volt Chg, Leaked, Loose Plate Material on Separator.
			40°	47	7	2182	Low Volt Disch, High Volt Chg, Shorted at Top of Core, Separator Too Short, Pos Tab Burned and Broken.
			40°	49	5	2446	Low Volt Disch, High Volt Chg, Pos Weld to Terminal Stud Burned, Poor Weld.
			40°	45	10	2461	Low Volt Disch, High Volt Chg, Loose Plate Material on Separator, Short at Outside End of Pos Plate.
			40°	466	2	2509	Low Volt Disch, High Volt Chg, Leaked, Pos Tab Burned and Shorted to Neg Tab.
			40°	441	6	2509	Low Volt Disch, High Volt Chg, Leaked, Shorted at Top of Core, Separator Too Short, Pos Tab Burned.
43	15%	3.0	40°	416	4	1182	Low Volt Disch, Low Volt Chg, Shorted at Top of Core, Separator Too Short, Pos Tab Burned.
			40°	499	3	1515	Low Volt Disch, High Volt Chg, Shorted at Top of Core, Separator Too Short, Pos Tab Burned and Broken.
			40°	412	6	1911	Showed Open Circuit at Start of Cycle, Pos Tab Broken, Burned Tape on Tab Caused by Overheating From Poor Tab Weld.
			40°	426	9	2298	Showed Open at Start of Cycle, Pos Tab Corroded, Pos Tab Broken, Top of Separator Burned, Separator Impregnated with Neg Plate Material, Separator Deteriorated.

CELL TYPE: General Electric 3.0 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
43	15%	3.0	40°	436	7	2515	Showed Open at Start of Cycle, Pos Tab Corroded, Pos Tab Broken, Poor Roll, Uneven Wind at End of Roll, Shorts at Top of Roll, Separator Deteriorated.
			40°	435	10	2656	Showed Open at Start of Cycle, Pos Tab Corroded, Pos Tab Broken, Separator Impregnated with Neg Plate Material, Separator Deteriorated.
44	25%	3.0	40°	222	6	1672	Showed Open Circuit at Start of Cycle, Pos Tab Broken, Burned Tape on Tab Caused By Overheating From Poor Tab Weld.
			40°	366	8	*3848	Low Volt Disch, High Volt Chg, Pinpoint Penetration, Separator Deteriorated, Blistering on Bottom Edge of Pos Plate.

CELL TYPE: Gould 3.5 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
3	25%	1.5	25°	73	5	2785	Low Volt Disch, High Volt Chg, Short Near Center of Core, Piece of Pos Plate Material Between Plates Causing Short Through Separator.
			25°	54	2	3090	Low Volt Disch, Low Volt Chg, Leaked, Lost 1.7 gm, Weak Weld on Neg Tab to Plate.
			25°	165	9	4081	Low Volt Disch, Normal Volt Chg, Leaked, Lost 1.7 gm, Deposit on Glass Seal, Short Through Separator, Short at Pos Tab Near Center of Core, Neg Tab Weld to Plate Weak.
			25°	93	6	4289	Low Volt Disch, Normal Volt Chg, Leaked Around Glass Seal, Lost 2.6 gm, Separator Deteriorated, Neg Plate Material Penetrated Separator.
			25°	97	7	4401	Low Volt Disch, Normal Volt Chg, Leaked Around Glass Seal, Lost 2.5 gm, Separator Deteriorated, Neg Plate Material Penetrated Separator.
			25°	77	4	4751	Low Volt Disch, Normal Volt Chg, Separator Deteriorated, Separator Impregnated with Neg Plate Material, Blistering on Pos Plates.
			25°	188	10	4751	Low Volt Disch, Normal Volt Chg, Leaked, Lost 2.1 gm, Neg Plate Material on Separator.
4	40%	1.5	25°	81	7	1609	Low Volt Disch, Normal Volt Chg, Leaked, Lost 3.2 gm, High Pres Bulge Top.
			25°	90	8	1827	Low Volt Disch, Low Volt Chg, Leaked, Lost 2.7 gm, High Pres Bulge Top.
			25°	2	1	2110	Low Volt Disch, Low Volt Chg, Separator Deteriorated at Center of Core, Under Pressure When Opened.

CELL TYPE: Gould 3.5 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
4	40%	1.5	25°	43	6	2954	Low Volt Disch, Low Volt Chg, Leaked, Lost 1.3 gm, Plate Material on Separator.
			25°	27	3	3029	Low Volt Disch, Normal Volt Chg, Deposit on Glass Seal, Separator Deteriorated.
			25°	198	10	3164	Low Volt Disch, Low Volt Chg, Leaked, Lost 1.6 gm, Separator Deteriorated, Pos Plate Material Between Plates.
7	25%	3.0	25°	49	2	3007	Low Volt Disch, Normal Volt Chg, Leaked Around Glass Seal, Lost 2.7 gm, Neg Plate Material Migrated Through Separator, Separator Deteriorated, One Weak Weld Pos Tab to Plate.
			25°	37	1	3130	Low Volt Disch, Normal Volt Chg, Leaked, Lost 1.1 gm, Glass Seal Broken, Separator Very Dry, Neg Plate Material Migration, Pinpoint Penetration, Loose Neg Plate Material on Separator, Separator Deteriorated, All Tab Welds to Plates Weak.
			25°	109	6	3483	Low Volt Disch, Low Volt Chg, Leaked, Lost 2.0 gm, Deposit on Glass Seal, Separator Deteriorated, Pinpoint Penetration, Neg Plate Material on Separator, Weak Weld on One Tab to Pos Plate Weld.
			25°	104	5	3736	Shorted on Cycling, Deposit on Glass Seal, Leaked, Lost 1.1 gm, Weak Weld Pos Tab to Plate, Neg Plate Material on Separator, Pinpoint Penetration, Separator Deteriorated.
			25°	131	7	*3884	Low Volt Disch, Normal Volt Chg, Deposit Around Glass Seal, Leaked, Lost 1.7 gm, Neg Plate Material Loose, Pinpoint Penetration, Separator Deteriorated

CELL TYPE: Gould 3.5 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
8	40%	3.0	25°	68	6	1346	Low Volt Disch, Low Volt Chg, Leaked, Lost 1.5 gm, Plate Material on Separator.
			25°	112	8	1704	Low Volt Disch, Normal Volt Chg, Leaked, Lost 2.0 gm, Pos Tab Weld to Bottom of Can Weak, Pos Tab Weld to Plate Weak.
			25°	39	1	1985	Low Volt Disch, Normal Volt Chg, Deposit on Glass Seal, Separator Deteriorated, Neg Plate Material on Separator.
			25°	170	10	1985	Low Volt Disch, Normal Volt Chg, Leaked, Lost 1.8 gm, Pos and Neg Tab Weld Weak to Plates Near Center of Core, Separator Deteriorated at Center of Core.
			25°	78	7	2138	Low Volt Disch, Low Volt Chg, Leaked Around Glass Seal, Lost 1.4 gm, Pos Tab Weld to Case Weak, Separator Deteriorated, Neg Plate Material Penetrated Separator.
			25°	41	2	2494	Low Volt Disch, Low Volt Chg, Leaked Around Glass Seal, Lost 1.7 gm, Separator Deteriorated, Neg Plate Material Impregnated Separator, One Bad Weld Neg Tab to Plate.
			25°	130	9	2494	Low Volt Disch, Low Volt Chg, Leaked Around Glass Seal, Lost 2.1 gm, Separator Deteriorated, Pos and Neg Plate Material Impregnated Separator.

CELL TYPE: Gould 3.5 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
27	15%	1.5	40°	13	3	2901	Low Volt Disch, Low Volt Chg, Leaked, Lost 1.5 gm, Separator Deteriorated, Pos Plate Material on Separator.
			40°	195	8	2901	Low Volt Disch, Normal Volt Chg, Leaked, Lost 3.6 gm, Short Through Separator, Separator Burned at Center of Core, Pos Plate Material on Separator.
			40°	103	7	2998	Low Volt Disch, Normal Volt Chg, High Pres, Short Through Separator, Pieces of Pos Plate Material Between Plates.
			40°	200	10	3270	Low Volt Disch, Normal Volt Chg, Leaked, Lost 2.5 gm, Short Through Separator, Separator Deteriorated at Center of Core, Pos Tab Weld to Case Weak.
			40°	197	9	4102	Low Volt Disch, High Volt Chg, Leaked Around Glass Seal, Lost 1.4 gm, Short at Pos Tab, Separator Deteriorated, Neg Plate Material Penetrated Separator.
			40°	11	2	4485	Low Volt Disch, Normal Volt Chg, Deposit on Glass Seal, Separator Deteriorated, Separator Impregnated with Neg Plate Material.

CELL TYPE: Gould 3.5 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
28	25%	1.5	50°	122	2	408	Low Volt Disch, Normal Volt Chg, Leaked, Lost 1.8 gm, Weak Bottom Weld Suspicious Spot but not Definite.
			40°	157	7	484	Low Volt Disch, Normal Volt Chg, Leaked, Lost 2.0 gm, High Pres Bulge.
			40°	158	8	484	Low Volt Disch, Normal Volt Chg, Leaked, Lost 1.9 gm, High Pres Bulge Top.
			40°	141	5	860	Low Volt Disch, High Volt Chg, Leaked, Lost 3.5 gm.
			40°	168	10	1293	Low Volt Disch, High Volt Chg, Weak Weld to Bottom of Case.
			40°	121	1	1811	Low Volt Disch, Low Volt Chg, Short at Outside End of Plates, Grid Wire Penetrated Separator.
			40°	133	3	1811	Low Volt Disch, High Volt Chg, Weak Weld on Pos Tab to Case.
			40°	140	4	1811	Low Volt Disch, Low Volt Chg, Short Around Pos Tab, Blistering on Pos Plate, Active Neg Plate Material on Separator.
			40°	155	6	1811	Low Volt Disch, Low Volt Chg, Short Through Separator, Weak Weld to Bottom of Case.
			40°	163	9	1811	Low Volt Disch, Low Volt Chg, Short Through Separator, Weak Weld to Bottom of Case, Deposit on Glass Seal.

CELL TYPE: Gould 3.5 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
31	15%	3.0	40°	R166	9	1500	Low Volt Disch, Low Volt Chg, Leaked, Lost 7.1 gm, Separator Deteriorated.
			40°	R179	10	1500	Low Volt Disch, Low Volt Chg, Leaked, Lost 1.5 gm, Short Through Separator, Separator Deteriorated, One Weak Tab.
			40°	R92	2	1696	Low Volt Disch, High Volt Chg, Pieces of Plate Material Shorted Through Separator, Separator Deteriorated.
			40°	126	3	2411	Low Volt Disch, Low Volt Chg, Leaked Around Glass Seal, Lost 2.1 gm, Short Through Separator by Piece of Pos Plate Material Between Plates, Separator Deteriorated, Neg Plate Material Impregnated Separator, Tab to Plate Weld Poor.
			40°	R162	8	2477	Low Volt Disch, High Volt Chg, Leaked Around Glass Seal, Lost 2.4 gm, Separator Deteriorated, Neg Plate Material Impregnated Separator, Pinpoint Penetration, Poor Weld Pos Tab to Case.
			40°	72	1	2517	Low Volt Disch, Low Volt Chg, Leaked Around Glass Seal, Lost 1.8 gm, Short Between Plates, Extra Piece of Pos Plate Between Plates, Separator Deteriorated, Pos Tabs to Plate Weld Both Weak.
			40°	143	6	2517	Low Volt Disch, Low Volt Chg, Short Through Separator at Start of Core, Extra Piece of Pos Plate Material, Separator Impregnated with Neg Plate Material, Separator Deteriorated, Neg Tab Weld to Pigtail Weak, One Tab to Pos Plate Weld Weak, Still Under Pressure When Opened.

CELL TYPE: Gould 3.5 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
32	25%	3.0	40°	125	6	138	Low Volt Disch, Normal Volt Chg, Bottom Weld Weak, Greenish Corrosion Inside at Neg Lead.
			40°	65	3	495	Low Volt Disch, Normal Volt Chg, Leaked, Lost 1.5 gm, Bad Glass Seal Around Neg Terminal.
			40°	1	1	800	Low Volt Disch, Normal Volt Chg, Leaked, Lost 3.2 gm, Shorts Near Center of Core.
			40°	67	4	875	Low Volt Disch, Low Volt Chg, Leaked, Lost 2.2 gm, Short Around Tabs, Pos Tab Weld Weak to Case.
			40°	132	7	875	Failed During Shut Down to Move to Another Chamber, Leaked, Lost 4.4 gm, High Pres. Neg Tabs Pushed Out of Cell, Short at Center and Outside Edge of Core.
			40°	149	9	974	Low Volt Disch, High Volt Chg, Leaked, Lost 1.1 gm, Piece of Pos Plate Material Shorted Through Separator, Weak Welds to Case and Plates.
52	25%	1.5	0°	116	8	7858	Low Volt Disch, Low Volt Chg, Still Under Pressure When Opened, Neg Plate Material on Separator, Excess Migration of Neg Plate Material, Separator Deteriorated.

CELL TYPE: Sonotone 5.0 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
1	25%	1.5	25°	4361	4	2995	Low Volt Disch, High Volt Chg, Inclusion on Surface of Outside Pos Plate Wore Hole Through Separator and Thin Outside Wrap, Separator Sticking to Neg Plate, Glass Seal Leaked.
			25°	4335	1	4423	Low Volt Disch, High Volt Chg, Neg Tabs Weak Weld to Plates, Separator Melted at Center of Core, Extreme Pressure Points on Separator From Scoring Causing High Resistance Shorts.
2	40%	1.5	25°	811	10	3155	Shorted on Cycling, Leaked Around Seal, High Pressure Bulge on Bottom, Insulators Brittle, Exposed Grid Wires at Center of Core Penetrated Separator Causing Large Burned Area at Short, Pos and Neg Tab Weld Poor.
			25°	3628	5	3992	Low Volt Disch, Normal Volt Chg, Leaked Around Seal, High Pres Bulge on Bottom, Hole in Separator Exposing Pos and Neg Plates, Neg Plate Material Penetrated Separator.
			25°	3613	2	4411	Low Volt Disch, Low Volt Chg, Two Pieces of Neg Plate Material Wore Hole in Separator at Scoring Mark, Burned Through Plates, Neg Tab Welds Poor, Separator Beginning to Deteriorate.
			25°	3630	6	5262	Low Volt Disch, Normal Volt Chg, Deposit on Glass Seal, Pos and Neg Plate Material on Separator, Separator Deteriorated, Neg Tab to Plate Welds Weak, Burn Marks on Separator at Tabs, High Pressure Bulge.

CELL TYPE: Sonotone 5.0 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
2	40%	1.5	25°	3631	7	5262	Low Volt Disch, Low Volt Chg, Uncoined Plate Edges Pierced Separator Causing Partial Shorts, Burn Marks Around Tab Areas, Weak Weld on All Tab to Plate Welds, Deep Pressure Points Caused by Scoring, Separator Torn at Start of Core Exposing Pos and Neg Plate, Separator Deteriorated, Neg Plate Material on Separator.

CELL TYPE: Sonotone 5.0 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
6	40%	3.0	25°	4324	8	1069	Low Volt Disch, Normal Volt Chg, Separator Impregnated With Active Material, Separator Sticking to Neg Plate.
			25°	6904	10	1136	Low Volt Disch, Low Volt Chg, Small Hole in Separator at Start of Coil, Pos Plate Edge Broken Allowing Grid Wire to Penetrate Separator.
			25°	3637	4	1161	Grid Wires of Pos Plate Penetrated Separator and Shorted to Neg Plate, Active Plate Material Penetrated Separator at Three Points, Bad Tab Welds.
25	15%	1.5	40°	4852	5	6348	Low Volt Disch, High Volt Chg, Separator Deteriorated, Large Burned Area at Center of Core, Pinpoint Penetration, Deep Scoring Caused Hole in Separator, Partial Shorts Around Edge of Plates Deep Pressure Points Caused by Scoring.
26	25%	1.5	40°	4323	1	2487	Grid Wire Penetrated Separator at Tabs.
			40°	6773	9	2902	Shorted on Cycling, Slight Burn Adjacent to Neg Tab, Separator Deteriorated, Neg Plate Material Penetrated Separator, Tab Welds Weak.
			40°	7224	6	2993	Low Volt Disch, Normal Volt Chg, High Pres Bulge, Deposit Around Seal, Neg Tab Weld Weak, Neg Plate Material Penetrated Separator.
			40°	7232	7	2993	Low Volt Disch, Normal Volt Chg, High Pres Bulge, Deposit Around Seal, Pos Tab Weld Weak, Plate Broken at Pos Tab, Deep Pressure Points From Scoring, Separator Completely Deteriorated.
			40°	4881	3	3344	Shorted on Cycling, Complete Short From Deep Scoring, Plate Shorted Through Outer Wrap.
			40°	4240	4	3625	Low Volt Disch, Low Volt Chg, Separator Deteriorated, Plate Material Penetrated Separator.

CELL TYPE: Sonotone 5.0 Ampere Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
29	15%	3.0	40°	3626	1	1418	Shorted on Cycling, Neg.Tab Welds Poor, Active Plate Material Penetrated Separator at Scoring Marks.
30	25%	3.0	40°	3657	7	855	Hole in Separator Allowing Pos Plate to Hit Case, Separator Damaged at Center of Cell Allowing Pos and Neg Plate to Short Together.
			40°	3643	4	3068	Low Volt Disch, Low Volt Chg, Separator Completely Deteriorated, Neg Tab to Plate Welds Weak, Burn Spots Around Tabs, Deep Scoring Caused Burn Spots on Separator.
			40°	809	9	3068	Low Volt Disch, Low Volt Chg, Deposit Around Glass Seal, Burn Spots Around Edge of Separator Caused By Uncoined Edge of Plates, Deep Scoring Caused Burn Spots on Separator, Burn Spots Around Tab Areas, Separator Deteriorated.
49	15%	1.5	0°	6887	9	2010	Low Volt Disch, Low Volt Chg, Burn on Separator Opposite Pos Tab.

CELL TYPE: Gulton 6.0 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
13	25%	1.5	25°	2305	1	308	Low Volt Disch, High Volt Chg, Lost 12 gm, CO_3 Top Ceramic, High Pres Bulge.
			25°	2355	10	502	Low Volt Disch, High Volt Chg, Lost 10 gm, High Pres Bulge.
			25°	3134	5	2969	Low Volt Disch, Low Volt Chg, Ceramic Short, Blistering on Pos Plates.
			25°	3211	7	3084	Low Volt Disch, Low Volt Chg, Ceramic Short, Blistering on Pos Plates.
			25°	2613	4	3598	Low Volt Disch, Low Volt Chg, Ceramic Short, Blistering on Pos Plate, Separator Deteriorated.
			25°	2324	2	4021	Low Volt Disch, Low Volt Chg, Ceramic Short, Separator Deteriorated, Separator Impregnated with Neg Plate Material, Blistering on Pos Plates, High Pres Bulge.
14	40%	1.5	25°	1623	4	262	Low Volt Disch, High Volt Chg, Lost 12 gm, High Pres Bulge.
			25°	1635	5	262	Voltage Fell Off During Charge, Went Flat in 3 Min. on Disch, Lost 6 gm, Concave Wall, High Pres. Bulge, Ceramic Broken Inside Case, CO_3 on Outside of Ceramic, Pos Terminal Loose.
			25°	2356	1	450	Low Volt Disch, High Volt Chg, Lost 12 gm, High Pres.
			25°	2387	2	1113	Low Volt Disch, High Volt Chg, Ceramic Short.
			25°	2391	3	1618	Low Volt Disch, Low Volt Chg, Ceramic Short.
			25°	3208	7	2086	Low Volt Disch, Normal Volt Chg, Ceramic Short.

CELL TYPE: Gulton 6.0 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
17	25%	3.0	25°	1862	5	721	Low Volt Disch, High Volt Chg, Ceramic Short.
			25°	1823	3	721	Low Volt Disch, High Volt Chg, High Pres Bulge, Burnt Spot on Neg Plate Near Bottom Second From End, Ceramic Short.
			25°	2348	10	1688	Low Volt Disch, Low Volt Chg, Ceramic Short.
			25°	1757	1	2375	Low Volt Disch, Low Volt Chg, Ceramic Short, Deposit Around Ceramic Seal, High Pres Bulge.
			25°	1598	2	2449	Low Volt Disch, Low Volt Chg, Pinpoint Penetration of Separator, Blistering on Pos Plate, High Pres Bulge.
			25°	2347	9	2885	Low Volt Disch, Low Volt Chg, Ceramic Short, Blistering on Pos Plates, High Pressure Bulge, Still Under Pressure When Opened.
18	40%	3.0	25°	1826	6	365	Low Volt Disch, Chg Volt Normal, Lost 3 gm, Concave Wall, Ceramic Short.
			25°	1615	3	608	Low Volt Disch, Normal Volt Chg, Deposit on Top of Pos Terminal, Lost 5.1 gm, High Pres Bulge.
			25°	1827	7	643	Low Volt Disch, High Volt Chg, High Pres Bulge, Ceramic Short.
			25°	2228	9	643	Low Volt Disch, High Volt Chg, Ceramic Short.
			25°	1562	5	1145	Low Volt Disch, Low Volt Chg, Ceramic Short, Blistering on Pos Plates.
			25°	1233	1	1550	Low Volt Disch, Low Volt Chg, Ceramic Short, Blistering on Pos Plate, Neg Plate Material on Separator.

CELL TYPE: Gulton 6.0 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
37	15%	1.5	50°	1764	3	238	Low Volt Disch, Volt Did Not Increase on Following Chg, (1.00 V) Lost 4 gm, Ceramic Short.
			40°	1784	8	1566	Low Volt Disch, Low Volt Chg, Lost 10.5 gm, Ceramic Short.
			40°	1802	4	2819	Low Volt Disch, Low Volt Chg, Ceramic Short, Blistering on Pos Plate.
			40°	2333	10	2981	Low Volt Disch, Normal Volt Chg, Ceramic Short, Blistering on Pos Plates.
			40°	1769	7	4897	Low Volt Disch, Normal Volt Chg, Ceramic Short, Leaked, Lost 1 gm, Blistering on Pos Plate, Separator Deteriorated.
			40°	1814	6	6064	Low Volt Disch, High Volt Chg, Deposit on Pos Terminal, Separator Deteriorated, Neg Plate Material on Separator, Blistering on Pos Plates, Ceramic Short.
38	25%	1.5	50°	1454	8	37	No Volt on Chg or Disch, Ceramic Short.
			50°	1815	6	114	Volt Fell Off During Disch, Chg Volt Slightly Low, Lost 3.5 gm, Ceramic Short.
			40°	1853	9	187	Rev on Disch, Chg Volt Normal, Lost 4 gm, Deposits Around Pos Terminal (Outside), Ceramic Short.
			40°	1627	3	225	Low Volt Disch, High Volt Chg on Cycle 219, Dead on 225, Lost 3.5 gm.
			40°	2405	5	1333	Low Volt Disch, Normal Volt Chg, Pos Bus Shorted to Case.
			40°	1626	2	1377	Low Volt Disch, Low Volt Chg, High Pres Bulge, Ceramic Short.

CELL TYPE: Gulton 6.0 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
41	15%	3.0	40°	1771	9	649	Low Volt Disch, High Volt Chg, Ceramic Short.
			40°	1801	6	1062	Low Volt Disch, Normal Volt Chg, Ceramic Short.
			40°	3135	2	1132	Low Volt Disch, Normal Volt Chg, Ceramic Short.
			40°	1852	7	1157	Low Volt Disch, Normal Volt Chg, Ceramic Short, Blistering on Pos Plates.
			40°	2221	8	1157	Low Volt Disch, Normal Volt Chg, Ceramic Short.
			40°	1632	3	1689	Low Volt Disch, Normal Volt Chg, Ceramic Short, Blistering on Pos Plates.
42	25%	3.0	50°	2309	8	96	Low Volt Disch, Normal Volt Chg, Ceramic Short.
			40°	2346	7	382	Low Volt Disch, Low Volt Chg, CO_3 on Bottom of Case, Ceramic Short.
			40°	2306	9	416	Low Volt Disch, High Volt Chg, Ceramic Short.
			40°	918	1	484	Low Volt Disch, Low Volt Chg, High Pres Bulge, Deposit on Bottom of Case, Ceramic Short, Lost 3.1 gm.
			40°	2340	6	*3619	Low Volt Disch, Normal Volt Chg, Deposit Around Ceramic Seal and Bottom Seam of Can, Leaked, Lost 8.8 gm, Pinpoint Penetration, Separator Deteriorated.

CELL TYPE: Gulton 6.0 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
61	15%	1.5	0°	1622	2	1	Volt Between 0.25 and 0.3 V Throughout Cycle, Side Concave, Burnt Case, End Neg Pushed Into Pos Tab. Cell Replaced in Pack Due to Early Failure.
			0°	1845	8	6	Lost 5 gm, Leak at Weld on Bottom, High Pres Bulge, Cell Replaced in Pack Due to Early Failure.
			0°	2397	5	2762	Low Volt Disch, Low Volt Chg, Ceramic Short.
			0°	1825	4	4094	Low Volt Disch, Low Volt Chg, Ceramic Short, Separator Impregnated with Neg Plate Material, Blistering on Pos Plates, High Pres Bulge.
			0°	2311	10	4285	Low Volt Disch, Low Volt Chg, Ceramic Short, Separator Impregnated with Neg Plate Material, Blistering on Pos Plates, High Pres Bulge.
			0°	2400	6	4413	Low Volt Disch, Low Volt Chg, Ceramic Short, Blistering on Pos Plates, High Pres Bulge.
62	25%	1.5	0°	1630	10	2995	Low Volt Disch, High Volt Chg, Leaked, Lost 6.8 gm, Ceramic Seal Broke, Deposit on Inside of Ceramic, High Pres Bulge, Blistering on Pos Plates.
			0°	1792	4	4066	Low Volt Disch, Low Volt Chg, Small Shorts Through Separator Near Pos Tab, Blistering on Pos Plate, Separator Deteriorated.
			0°	1806	5	4441	Low Volt Disch, Low Volt Chg, Ceramic Short, Blistering on Pos Plates, High Pres Bulge.

CELL TYPE: Gulton 6.0 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
66	25%	3.0	0°	1794	6	1045	Low Volt Disch, High Volt Chg, High Pres Bulge, Concave Side, Ceramic Broken, No Seal, Lost 5.1 gm, Pos Bus Against Case.
			0°	1843	8	1173	Low Volt Disch, Low Volt Chg, Wall Concave, Ceramic Short.
			0°	1781	5	1237	Low Volt Disch, High Volt Chg, High Pres Bulge, Deposit Around Pos Terminal, Ceramic Broken on Pos Terminal, Blisters on Pos Plate, Burnt Spot on Separator at Blisters, Lost 1.3 gm.
			0°	1634	3	1417	Low Volt Disch, Normal Volt Chg, Ceramic Short, High Pres Bulge, One Side Concave Other Convex, Pos Plates Blistered, Lost 2.3 gm.
			0°	1823	7	2122	Low Volt Disch, Low Volt Chg, Leaked, Lost 7.8 gm, Separator Impregnated with Neg Plate Material, Blistering on Pos Plates, High Pres Bulge, One Side Concave.

CELL TYPE: General Electric 12.0 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
82	25%	1.5	25°	430	2	*7527	Low Volt Disch, Normal Volt Chg, Pierced Separator Caused By Rough Place at Top Edge of Neg Plate, Neg Plate Material Migrated, Separator Deteriorated.
93	50%	24	40°	204	1	266	Cell Lost Capacity on Cycling But Came Back When Removed From Pack, So It Was Put Back on Cycling in Same Pack.
			40°	208	2	266	Low Volt Disch, Normal Volt Chg, Was Opened Up But Did Not Show Anything to be Wrong With Cell, Failure Due to Loss of Capacity.
			40°	204	1	*349	Low Volt Disch, Normal Volt Chg, Deposit on Pos Terminal, Pin-point Penetration, Separator Deteriorated.
			40°	209	3	*349	Low Volt Disch, Normal Volt Chg, Deposit on Pos and Neg Terminal, Migration of Neg Plate Material, Separator Deteriorated.
			40°	210	4	*349	Low Volt Disch, Normal Volt Chg, Deposit on Neg Terminal, Pin-point Penetration, Separator Deteriorated.
			40°	211	5	*349	Low Volt Disch, Normal Volt Chg, Deposit on Neg Terminal, Migration of Neg Plate Material, Separator Deteriorated, Plate Not Packed Evenly.

CELL TYPE: General Electric 12.0 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
96	40%	1.5	25°	445	3	3822	Low Volt Disch, Low Volt Chg, Separator Penetrated by Neg Plate Material, Pinpoint Shorts Through Separator.
			25°	446	2	4020	Low Volt Disch, Low Volt Chg, Separator Penetrated by Neg Plate Material, Pinpoint Shorts Through Separator.
			25°	442	4	4020	Low Volt Disch, Low Volt Chg, Separator Penetrated by Neg Plate Material, Pinpoint Shorts Through Separator.
97	40%	3.0	25°	438	2	*3894	Low Volt Disch, Low Volt Chg, Deposit on Pos and Neg Terminals, Pinpoint Penetration, Separator Deteriorated.
			25°	435	3	*3946	Low Volt Disch, Normal Volt Chg, Still Under Pressure When Opened, Migration of Neg Plate Material, Blistering on Pos Plate, Separator Deteriorated.
99	25%	1.5	40°	429	3	3841	Shorted on Cycling, Separator Penetrated by Neg Plate Material, Pinpoint Shorts Through Separator, Leaked at Neg Terminal, Epoxy Lifted Up.
			40°	432	2	3841	Failed During Shut Down of Pack, Separator Deteriorated, Separator Impregnated with Neg Plate Material.
			40°	440	1	4853	Low Volt Disch, Low Volt Chg, Separator Deteriorated, Separator Impregnated with Neg Plate Material.
124	25%	1.5	0°	410	5	3037	Cell Lost Capacity on Cycling But Came Back When Removed From Pack, So It was Put Back On Cycling In Same Pack.

CELL TYPE: Gulton 20 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
73	25%	1.5	25°	396	3	1776	Low Volt Disch, Normal Volt Chg, Concave Side, Neg Ceramic Seal Broken, Lost 23.7 gm.
			25°	387	1	6120	Low Volt Disch, Low Volt Chg, Lost 13.2 gm, Separator Completely Deteriorated, Neg Plate Material Migration, Pinpoint Penetration, Blistering on Pos Plates, High Pressure Bulge.
74	25%	3.0	25°	458	4	1184	Low Volt Disch, Low Volt Chg, Leaked, Lost 14.2 gm, Blistering on Pos Plates.
			25°	419	3	1302	Low Volt Disch, Normal Volt Chg, Leaked, Lost 21.9 gm.
			25°	440	2	1754	Low Volt Disch, Normal Volt Chg, Leaked Around Both Terminals, Ceramic Broken on Neg Terminal, Lost 18.0 gm, Neg Plate Material Penetrated Separator, Sides Concaved, Shorting Case to Bus.
76	15%	1.5	40°	453	2	*7697	Shorted on Cycling, Deposit on Neg Terminal, Ceramic Broken Around Neg Terminal, Extraneous Active Material Caused Short Between Plates, Separator Completely Deteriorated.
87	40%	1.5	25°	468	1	163	Low Volt Disch, High Volt Chg, High Pres Bulge, Lost 8 gm.
			25°	388	2	208	Low Volt Disch, High Volt Chg, Lost 26.7 gm, Ceramic Short Around Pos Terminal.
			25°	394	3	627	Low Volt Disch, High Volt Chg, Lost 16.4 gm, High Pres Bulge, Deposit on Both Terminals, Ceramic Short Neg to Case.
			25°	454	4	627	Low Volt Disch, Low Volt Chg, Lost 21.6 gm, Deposit on Both Terminals, Sides Concave Hit Bus on Both Sides.
			25°	386	5	627	Low Volt Disch, Low Volt Chg, Lost 18.1 gm, High Pres Bulge, Burnt Separator 5th or 6th Neg Plate Near Top, Ceramic Short.

CELL TYPE: Gulton 20 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
88	40%	3.0	25°	422	2	151	Low Volt Disch, High Volt Chg, High Pres Bulge, Bottom Ceramic Leak, Lost 25 gm.
			25°	404	1	151	Low Volt Disch, High Volt Chg, High Pres Bulge, Bottom Ceramic Leak, Lost 25 gm.
			25°	466	3	358	Low Volt Disch, High Volt Chg, High Pres Bulge, Lost 16.4 gm.
			25°	429	5	358	Low Volt Disch, Low Volt Chg, Ceramic Short Around Pos Terminal.
90	25%	1.5	40°	452	4	2824	Low Volt Disch, Low Volt Chg, Short Through Separator at Top of Plates, High Pres Bulge on Sides, High Pres, Separator Deteriorated.
			40°	457	5	2824	Low Volt Disch, Normal Volt Chg, Short Through Separator, Blistering on Pos Plate, High Pres Bulge on Sides, High Pres.
			40°	378	3	4045	Normal Volt Disch, Went Dead on Chg During Cap Check, Ceramic Short, Separator Completely Deteriorated.
91	25%	3.0	40°	395	4	2862	Shorted Out Following Capacity Check, Leaked, Lost 6.8 gm, Deposit on Both Terminals, Both Ceramic Seals Broken, Separator Completely Deteriorated, Neg Plate Material Migration, Separator Very Wet, Plastic Wrap Burned, Ceramic Short.
			40°	412	3	3385	Shorted on Cycling, High Pressure Bulge, Pos and Neg Plate Material on Separator, Separator Completely Deteriorated.
101	15%	1.5	0°	435	2	3111	Low Volt Disch, High Volt Chg, Leaked, Lost 24.6 gm, High Pres Bulge, Separator Very Dry.
			0°	407	5	3111	Low Volt Disch, High Volt Chg, Leaked, Lost 20.4 gm, Separator Very Dry.
			0°	438	4	3629	Low Volt Disch, High Volt Chg, Leaked, Lost 13.2 gm, High Pres Bulge, Sides Concave, Blistering on Pos Plates.

CELL TYPE: Gulton 20 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
102	15%	3.0	0°	449	2	135	Volt Fell Suddenly at End of Chg, Burn Spots at Busses, Concave Around Spots, End Neg Pushed Into Pos Tab.
115	25%	1.5	0°	490	3	2107	Low Volt Disch, Normal Volt Chg, Walls Concave, Busses Shorted to Case, Lost 26.9 gm.
			0°	508	2	2203	High Pres Bulge, Blisters on Pos Plate, Busses Shorted to Case.
			0°	467	4	2291	Black Deposit on Outside on Neg Terminal, High Pres Bulge, Busses Shorted to Case, Blisters on Pos Plate, Burnt Spot on Separator.

CELL TYPE: Gould 20 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
96	25%	1.5	0°	77	5	3556	Low Volt Disch, Low Volt Chg, Separator Deteriorated, Neg Plate Material Penetrated Separator, Two Pos Plates Not Welded to Tabs.
104	25%	1.5	25°	69	1	2672	Low Volt Disch, Low Volt Chg, Shorted at Bottom of Pos Plate, Pos Grid Wire Penetrated Separator, Short at Top Between Pos Grid and Neg Tab, High Pressure.
			25°	R36	5	2826	Low Volt Disch, Low Volt Chg, Short Between Plates, Grid Wire Penetrated Separator, Pos Plate Material Between Plates, High Pressure.
			25°	5	3	2980	Low Volt Disch, Low Volt Chg, Separator Completely Deteriorated, Short Between Plates, High Pressure.
112	15%	1.5	40°	17	1	5005	Low Volt Disch, Low Volt Chg, Short Between Plates, Short About One Inch From Bottom of Plates, Separator Completely Deteriorated, High Pressure.
			40°	25	2	5005	Low Volt Disch, Low Volt Chg, Shorted Through Separator, Shorted on Bottom Corner of Plates, Separator Completely Deteriorated, High Pressure.
			40°	38	5	5213	Low Volt Disch, Low Volt Chg, Short at Top Corner of Plate Where Pos Tabs are Connected to Plates, Separator Deteriorated Allowing Plates to Come Together, Blistering on Pos Plates.
118	40%	1.5	25°	61	2	1747	Low Volt Disch, Low Volt Chg, Short at Bottom of Pos Plate, Grid Wires Penetrated Separator Where Tape Holds Plates Together, High Pressure.
			25°	R91	4	1963	Low Volt Disch, Low Volt Chg, Shorted at Bottom Corner of Pos Plates, Grid Wires Through Separator, Rough Grid Showing Through at Top and Bottom of Most Plates, High Pressure.
			25°	92	5	2937	Low Volt Disch, Low Volt Chg, Short Through Separator on Side of Plates, Pos Plate Material Penetrated Separator, High Pressure.

CELL TYPE: Gould 20 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
119	40%	3.0	25°	73	5	222	Normal Volt Disch, Low Volt Chg, Short Near Bottom of 5th or 6th Pos, No Obvious Cause.
			25°	80	2	1793	Low Volt Disch, Normal Volt Chg, Neg Plate Material Penetrated Separator, High Pressure, Blistering on Pos Plate.
			25°	86	3	1793	Low Volt Disch, Normal Volt Chg, Neg Plate Material Penetrated Separator, High Pressure, Blistering on Pos Plate.
122	25%	3.0	40°	16	2	801	Low Volt Disch, Low Volt Chg, Blistering on Pos Plates, Separator Deteriorated, Plate Material on Both Sides of Separator, High Pressure.
			40°	58	3	801	Low Volt Disch, Low Volt Chg, Blistering on Pos Plates, Separator Deteriorated, Plate Material on Both Sides of Separator, High Pressure.
			40°	18	5	983	Low Volt Disch, Low Volt Chg, Plate Material Penetrated Separator, Pos Plates Blistered, High Pressure.
126	25%	1.5	40°	9	3	1273	Low Volt Disch, Low Volt Chg, Shorted at Bottom Corner of Neg Plate, Grid Wire Penetrated Separator, Several Other Plates Had Grid Wires Sticking Out, High Pressure.
			40°	R29	4	1509	Low Volt Disch, Low Volt Chg, Shorted at Bottom Corner of Pos Plate, Grid Wire Penetrated Separator, Blistering on Pos Plates, Separator Deteriorated, High Pressure.
			40°	11	5	1569	Low Volt Disch, Low Volt Chg, Shorted on Side of Pos Plate, Grid Wire Penetrated Separator, High Pressure.

CELL TYPE: Gulton 50 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
95	25%	1.5	0°	109	3	2643	Shorted Out While Cycling, All Plates Shorted at Bottom Center, Separator Very Dry and Stiff From Heat, Blistering on Pos Plate.
			0°	107	5	2938	Shorted Out While Cycling, Short Between Plates at Center Near Bottom of Plates, Separator Dry, Small Amount of Neg Plate Material Migration on Separator.
			0°	115	1	3227	Low Volt Disch, High Volt Chg, Separator Impregnated with Neg Plate Material, Large Blisters on Pos Plate, One Neg Plate Stuck to Can.
123	15%	1.5	40°	119	2	1873	Low Volt Disch, Low Volt Chg, Separator Decomposed, Hot Spots Through Separator Shorted Out Several Plates, High Pres Bulge, Still Under Pressure When Opened.
			40°	118	3	1873	Went Dead During Shutdown, Separator Decomposed, Several Small Hot Spots on Each Plate, Outside Neg Plates Stuck to Case, High Pres Bulge, Deposit Around Ceramic Seal of Pos Terminal.
			40°	117	4	1873	Went Dead During Shutdown, Separator Decomposed, Neg Plate Stuck to Case, High Pres Bulge, Still Under Pressure When Opened.

CELL TYPE: Yardney 10 x YS-12

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
33	50%	24	40°		3	58	Leaked, Dried Out
			40°		2	126	Leaked, Dried Out
			40°		1	152	Leaked, Dried Out
			40°		8	197	Leaked, Dried Out
			40°		4	210	Leaked, Dried Out
			40°		10	210	Leaked, Dried Out
57	50%	24	0°		1	162	Leaked, Electrolyte Shorted Out Cell
			0°		2	162	Leaked, Electrolyte Shorted Out Cell
			0°		10	162	Leaked, Electrolyte Shorted Out Cell
			0°		3	166	Leaked, Electrolyte Shorted Out Cell
			0°		4	166	Leaked, Electrolyte Shorted Out Cell
			0°		5	166	Leaked, Electrolyte Shorted Out Cell
			0°		6	166	Leaked, Electrolyte Shorted Out Cell
			0°		7	166	Leaked, Electrolyte Shorted Out Cell
			0°		8	166	Leaked, Electrolyte Shorted Out Cell
			0°		9	166	Leaked, Electrolyte Shorted Out Cell

CELL TYPE: Delco 25 Ampere-Hour

PACK NUMBER	DEPTH OF DISCHARGE	ORBIT PERIOD (HOURS)	TEST TEMPERATURE	CELL NUMBER	POSITION IN PACK	CYCLES COMPLETED	FAILURE ANALYSIS
75	40%	24	25°			32	Cell Blew-up, Pack Returned to Manufacturer
80	40%	24	25°			80	Returned to Manufacturer for Analysis.
288	40%	3.0	25°			120	Returned to Manufacturer for Analysis.

CELL TYPE: Delco 40 Ampere-Hour

FAILURE ANALYSIS	CYCLES COMPLETED	POSITION IN PACK	CELL NUMBER	TEST TEMPERATURE	ORBIT PERIOD (HOURS)	DEPTH OF DISCHARGE	PACK NUMBER
Returned to Manufacturer for Analysis.	139			0°	24	25%	9

AMPERE-HOUR CAPACITIES ON PRECONDITIONING AND CAPACITY CHECK CYCLES

TYPE	PACK NUMBER	ORBIT PERIOD (Hours)	DEPTH OF DISCHARGE	TEMPERATURE °C	PRECONDITIONING		CAPACITY CHECKS AFTER 88-DAY INTERVALS								CYCLES TO PACK FAILURE
					INITIAL	* (See Note)	FIRST 88 DAYS	SECOND 88 DAYS	THIRD 88 DAYS	FOURTH 88 DAYS	FIFTH 88 DAYS	SIXTH 88 DAYS	SEVENTH 88 DAYS	EIGHTH 88 DAYS	
G.E. 3 A.H.	63	1.5	15	0	3.48		3.18	3.12	3.05	3.03	3.05				
	64		25	0	3.50		3.33	3.70	3.38	3.35	3.42				
	15		25	25	4.00		3.38	2.93	2.63	1.95	1.47	1.15			
	16		40	25	4.09		2.75	2.16	1.35	----	----	----	----	----	5013
	39		15	50/40	1.65	2.43 (779)	2.10	1.53	1.25	1.17	0.70	----	----	----	8109
	40		25	50/40	1.80	2.50 (340)	0.88**	0.88	----	----	----	----	----	----	2564
G.E. 3 A.H.	67	3	15	0	3.63		3.25	3.40	3.53	2.97	3.25				
	68		25	0	3.50		3.35	3.53	3.40	3.27	3.25				
	19		25	25	3.93		3.78	3.48	3.15	3.00	2.78				
	20		40	25	3.78		3.00	2.35	2.07	1.83	2.00	1.62			
	43		15	50/40	1.99	2.63 (326)	2.20	1.61	1.65	----	----	----	----	----	2656
	44		25	50/40	1.66	2.76 (327)	1.35	1.19	1.15	1.16	0.95				
Gould 3.5 A.H.	51	1.5	15	0	3.62		4.00	3.33	3.41	3.21	3.35				
	52		25	0	3.88		3.55	3.53	3.12	3.30	3.24				
	3		25	25	4.00		3.62	2.92	2.45	----	----	----	----	----	1281
	4		40	25	3.94		3.38	2.77	----	----	----	----	----	----	3161
	27		15	50/40	1.53	2.63 (779)	2.07	1.95	1.90	----	----	----	----	----	5485
	28		25	50/40	1.55	2.67 (424)	2.86	----	----	----	----	----	----	----	1811
Gould 3.5 A.H.	55	3	15	0	3.27		3.59	3.15	3.38	3.33	3.27				
	56		25	0	3.56		3.91	3.53	3.65	3.41	3.38				
	7		25	25	4.32		4.02	3.99	3.53	2.77	2.28				
	8		40	25	4.29		3.65	3.35	3.03	----	----	----	----	----	3494
	31		15	50/40	1.60	1.91 (335)	1.75	1.98	2.16	----	----	----	----	----	4524
	32		25	50/40	1.55	1.66 (495)	1.49	----	----	----	----	----	----	----	976

* Preconditioning at change to 40° C. Number of cycles completed at 50° C is in parentheses.
** Still at 50° C.

AMPERE-HOUR CAPACITIES ON PRECONDITIONING AND CAPACITY CHECK CYCLES

TYPE	PACK NUMBER	ORBIT PERIOD (Hours)	DEPTH OF DISCHARGE	TEMPERATURE °C	PRECONDITIONING			CAPACITY CHECKS AFTER 88-DAY INTERVALS								CYCLES TO PACK FAILURE
					INITIAL	* (See Note)		FIRST 88 DAYS	SECOND 88 DAYS	THIRD 88 DAYS	FOURTH 88 DAYS	FIFTH 88 DAYS	SIXTH 88 DAYS	SEVENTH 88 DAYS	EIGHTH 88 DAYS	
Sonotone 5 A.H.	49	1.5	15	0	5.45			5.54	5.50	4.96	4.79	4.71				
	50		25	0	5.04			4.96	4.58	4.25	3.79	3.67				
	1		25	25	5.42			3.67	2.33	2.88	2.79	2.21	2.58			
	2		40	25	6.42			4.38	4.17	3.25	3.00	----	----	----	----	6671
	25		15	50/40	3.08	3.63	(703)	2.25	1.83	2.04	1.17	1.17				
	26		25	50/40	3.17	3.17	(445)	2.75	2.93	----	----	----	----	----	----	3625
Sonotone 5 A.H.	53	3	15	0	5.67			5.79	5.67	5.42	5.33	5.50				
	54		25	0	4.92			3.96	3.96	4.13	3.96	3.75				
	5		25	25	5.71			4.58	3.04	2.04	2.13	2.13				
	6		40	25	5.83			4.50	3.29	3.25	2.92	2.33				
	29		15	50/40	3.33	4.92	(223)	2.75	2.38	2.42	2.08	1.96				
	30		25	50/40	3.75	3.50	(183)	1.88	2.88	2.38	1.67	1.21				
Gulton 6 A.H.	61	1.5	15	0	5.00			5.10	5.40	4.45	3.15	2.60				
	62		25	0	5.00			4.75	3.80	4.35	3.55	3.30				
	13		25	25	5.80			2.75	2.85	2.70	----	----	----	----	----	4021
	14		40	25	6.40			3.45	----	----	----	----	----	----	----	2086
	37		15	50/40	2.75	3.60	(239)	1.70	2.95	1.85	2.00	----	----	----	----	6064
	38		25	50/40	2.65	2.90	(114)	1.55	----	----	----	----	----	----	----	1377
Gulton 6 A.H.	65	3	15	0	4.50			5.45	5.35	5.15	4.50	4.50				
	66		25	0	4.25			5.00	3.50	2.50	3.80	3.90				
	17		25	25	5.80			3.65	3.45	2.50	2.30	----	----	----	----	2885
	18		40	25	4.55			4.95	3.16	----	----	----	----	----	----	1550
	41		15	50/40	2.75	4.55	(239)	2.05	1.63	----	----	----	----	----	----	1689
	42		25	50/40	2.60	3.80	(96)	2.15	2.10	2.35	1.85	1.50				

* Preconditioning at change to 40° C. Number of cycles completed at 50° C is in parentheses.

AMPERE-HOUR CAPACITIES ON PRECONDITIONING AND CAPACITY CHECK CYCLES

TYPE	PACK NUMBER	ORBIT PERIOD (Hours)	DEPTH OF DISCHARGE	TEMPERATURE °C	PRECONDITIONING			CAPACITY CHECKS AFTER 88-DAY INTERVALS								CYCLES TO PACK FAILURE
					INITIAL	* (See Note)		FIRST 88 DAYS	SECOND 88 DAYS	THIRD 88 DAYS	FOURTH 88 DAYS	FIFTH 88 DAYS	SIXTH 88 DAYS	SEVENTH 88 DAYS	EIGHTH 88 DAYS	
G.E. 12 A.H.	110	1.5	15	0	13.9			12.7	10.4	13.0	12.5	14.1				
	124		25	0	14.2			13.5	12.9	12.8	11.4	11.5				
	82		25	25	15.2			8.00	5.55	5.50	5.40	5.70				
	96		40	25	14.8			6.00	7.65	----	----	----	----	----	----	4020
	85		15	50/40	6.80	8.20	(334)	5.00	4.70	5.00	4.90	5.00				
	99		25	50/40	6.90	6.00	(195)	4.90	5.20	4.40	----	----	----	----	----	4853
G.E. 12 A.H.	111	3	15	0	14.2			13.2	10.7	11.0	12.1	12.9				
	125		25	0	14.6			13.0	12.1	11.9	12.2	12.9				
	83		25	25	15.2			11.7	8.20	6.13	5.20	4.80				
	97		40	25	14.9			5.60	5.86	7.90	8.20	6.80				
	86		15	50/40	7.10	8.20	(205)	6.30	3.70	4.00	3.50	2.90				
	100		25	50/40	7.00	4.80	(70)	3.80	4.70	5.70	5.10	4.00				
Gould 20 A.H.	84	1.5	15	0	22.5			27.7	26.5	24.2	24.7	21.7				
	98		25	0	23.1			21.2	15.2	18.7	17.2	17.5				
	104		25	25	25.0			18.5	14.0	----	----	----	----	----	----	2980
	118		40	25	24.7			23.3	----	----	----	----	----	----	----	2937
	112		15	50/40	9.67	6.83	(183)	15.7	15.3	12.5	12.4	----	----	----	----	5213
	126		25	50/40	9.00	13.9	(1326)	15.2	----	----	----	----	----	----	----	1574
Gould 20 A.H.	80	3	15	0	23.0			23.2	21.5	20.3	25.8	19.7				
	94		25	0	23.0			17.5	25.0	18.2	18.8	16.8				
	105		25	25	23.3			23.5	22.2	21.3	21.2	20.7				
	119		40	25	24.8			24.7	21.7	----	----	----	----	----	----	1793
	108		15	50/40	9.50	9.67	(47)	11.8	14.8	16.8	15.2	12.3				
	122		25	50/40	9.33	7.50	(756)	8.17**	----	----	----	----	----	----	----	983

* Preconditioning at change to 40° C. Number of cycles completed at 50° C is in parentheses.

** Still at 50° C.

AMPERE-HOUR CAPACITIES ON PRECONDITIONING AND CAPACITY CHECK CYCLES

TYPE	PACK NUMBER	ORBIT PERIOD (Hours)	DEPTH OF DISCHARGE	TEMPERATURE °C	PRECONDITIONING			CAPACITY CHECKS AFTER 88-DAY INTERVALS							CYCLES TO PACK FAILURE
					INITIAL	* (See Note)		FIRST 88 DAYS	SECOND 88 DAYS	THIRD 88 DAYS	FOURTH 88 DAYS	FIFTH 88 DAYS	SIXTH 88 DAYS	SEVENTH 88 DAYS	EIGHTH 88 DAYS	
Gulton 20 A.H.	101	1.5	15	0	17.2			12.5	5.67							3631
	115		25	0	17.7			11.2								2288
	73		25	25	23.3			7.17	9.50	7.83	8.67	8.83				7763
	87		40	25	23.3											627
	76		15	50/40	10.3	13.8	(172)	6.50	4.83	5.50	4.67	5.00				
	90		25	50/40	9.00	11.3	(65)	6.00	10.3	7.35**						4045
Gulton 20 A.H.	102	3	15	0	16.7			18.8	25.2	20.3	19.5	17.3				
	116		25	0	21.7			20.7	21.8	19.3	17.5	15.2				
	74		25	25	20.3			6.17	7.17							1754
	88		40	25	19.8											358
	77		15	50/40	9.50	12.7	(71)	7.33	5.33	4.83	5.33	4.67				
	91		25	50/40	9.17	10.3	(47)	6.67	6.67	7.67	6.83	7.17				
Yardney 12 A.H.	57	24	50	0	13.8			8.60								166
	33		50	40	13.5			12.0								210
Gulton 6 A.H.	79	24	50	25	6.60			3.55	4.40	4.25	4.05					
G.E. 12 A.H.	93	24	50	40 ***	13.0			7.60	6.50 (40°C)	5.00 (40°C)						349
Gulton 50 A.H.	95	1.5	25	0	54.6			59.6	45.4							3227

* Preconditioning at change to 40° C. Number of cycles completed at 50° C is in parentheses.
** Two cells only; pack failed during capacity check.
*** Changed from 25° to 40° C ambient after 173 cycles.

AMPERE-HOUR CAPACITIES ON PRECONDITIONING AND CAPACITY CHECK CYCLES

TYPE	PACK NUMBER	ORBIT PERIOD (Hours)	DEPTH OF DISCHARGE	TEMPERATURE °C.	INITIAL PRECONDITIONING	CAPACITY CHECKS AFTER 88-DAY INTERVALS								CYCLES TO PACK FAILURE
						FIRST 88 DAYS	SECOND 88 DAYS	THIRD 88 DAYS	FOURTH 88 DAYS	FIFTH 88 DAYS	SIXTH 88 DAYS	SEVENTH 88 DAYS	EIGHTH 88 DAYS	NINTH 88 DAYS	TENTH 88 DAYS	
Gulton (Comm.) 4 A.H.	315	1.5	15	0	5.04	3.57	4.03	4.00								
	326		25	0	4.87	4.00	3.87	3.73								
	204		25	25	4.63	2.47	2.07	1.83								
	214		40	25	5.00	2.00	2.07	1.87								
	228		15	40	4.20	1.77	1.67	1.47								
	240		25	40	3.37	1.17	1.13	1.30								
Gulton 12 A.H.	216	1.5	15	0	14.0	14.0	3.60									
	301		25	0	14.2	14.5										
	227		25	25	14.1	5.90										
	296		40	25	13.3	4.70										
	78		15	40	6.80	4.30										
	290		25	40	11.4	5.40										
Gulton (HSI) 6 A.H.	213	1.5	25	0	7.30	7.30										
	218		40	25	6.90	3.00										
	238		25	40	5.00	1.75										
Yardney (AgZn)	9	24	42	25	14.0											

AMPERE-HOUR CAPACITIES ON PRECONDITIONING AND CAPACITY CHECK CYCLES

	PACK NUMBER	ORBIT PERIOD (Hours)	DEPTH OF DISCHARGE	TEMPERATURE °C	INITIAL PRECONDITIONING	CAPACITY CHECKS AFTER 88-DAY INTERVALS										CYCLES TO PACK FAILURE
						FIRST 88 DAYS	SECOND 88 DAYS	THIRD 88 DAYS	FOURTH 88 DAYS	FIFTH 88 DAYS	SIXTH 88 DAYS	SEVENTH 88 DAYS	EIGHTH 88 DAYS	NINTH 88 DAYS	TENTH 88 DAYS	
Gulton (Nimbus) 5 A.H.	117	1.5	15	0	5.00											
	121		25	0	5.38											
	120		15	25	5.25											
	318		25	25	5.46											
	127		15	40	3.29											
	128		25	40	3.04											
Gulton 6 A.H. (Third electrode)	59	1.5	25	0	7.15											
	71		40	0	7.25											
	11		25	25	7.10	3.15										
	23		40	25	5.95	3.85										
	35		15	40												
	47		25	40	3.95											
G.E. (Nimbus) 5 A.H.	103	1.5	15	0	5.42											
	107		25	0	5.21											
	106		15	25	4.67											
	304		25	25	5.58											
	113		15	25	3.67											
	114		25	40	3.83											

AMPERE-HOUR CAPACITIES ON PRECONDITIONING AND CAPACITY CHECK CYCLES

	PACK NUMBER	ORATE PERIOD (Hours)	DEPTH OF DISCHARGE	TEMPERATURE °C	INITIAL PRECONDI-TIONING	CAPACITY CHECKS AFTER 88-DAY INTERVALS										CYCLES TO PACK FAILURE
						FIRST 88 DAYS	SECOND 88 DAYS	THIRD 88 DAYS	FOURTH 88 DAYS	FIFTH 88 DAYS	SIXTH 88 DAYS	SEVENTH 88 DAYS	EIGHTH 88 DAYS	NINTH 88 DAYS	TENTH 88 DAYS	
Sonotone (Triple Sealed) 3 A.H.	243	1.5	15	0	3.23											
	231		25	0	2.88											
	203		25	25	3.35											
	202		40	25												
	226		15	40												
	237		25	40												

MFR.	CAPACITY A. H.	PACK NO.	TEMP. °C.	ORBIT PERIOD (HRS) DISCHARGE	ORBIT PERIOD (HRS) CHARGE	PERCENT DEPTH OF DISCHARGE	PERCENT OF RECHARGE	CHARGE VOLTAGE LIMIT	CYCLES COVERED INITIAL	CYCLES COVERED FINAL	CYCLES COVERED DIFFERENCE	CELLS REMAINING IN PACK INITIAL	CELLS REMAINING IN PACK FINAL
G.E. (Pages 57 - 59)	3	63	0	0.5	1.0	15	115	1.55	8328	8734	406	10	10
		64	0	"	"	25	"	"	8257	8711	454	10	10
		15	25	"	"	25	125	1.49	8245	8668	423	8	8
		16	25	"	"	40	"	"		FAILED			
		39	40	"	"	15	160	1.45	7860	8109	249	6	0
		40	40	"	"	25	"	1.41		FAILED			
		67	0	"	2.5	15	115	1.55	3987	4213	226	10	10
		68	0	"	"	25	"	"	4026	4244	218	10	10
		19	25	"	"	25	125	1.49	3996	4222	226	10	10
		20	25	"	"	40	"	"	3794	3995	201	9	9
		43	40	"	"	15	160	1.45		FAILED			
		44	40	"	"	25	"	"	3771	3894	123	9	6
GOULD (Pages 60 - 64)	3.5	51	0	"	1.0	15	115	1.55	8345	8751	406	10	10
		52	0	"	"	25	"	"	8039	8493	454	9	9
		3	25	"	"	25	125	1.49		FAILED			
		4	25	"	"	40	"	"		FAILED			
		27	40	"	"	15	160	1.45		FAILED			
		28	40	"	"	25	"	"		FAILED			
		55	0	"	2.5	15	115	1.55	4017	4243	226	10	10
		56	0	"	"	25	"	"	3997	4215	218	10	10
		7	25	"	"	25	125	1.49	3849	3977	128	6	5
		8	25	"	"	40	"	"		FAILED			
		31	40	"	"	15	160	1.45		FAILED			
		32	40	"	"	25	"	1.41		FAILED			

MFR.	CAPACITY A. H.	PACK NO.	TEMP °C.	ORBIT PERIOD (HRS.) DISCHARGE	ORBIT PERIOD (HRS.) CHARGE	PERCENT DEPTH OF DISCHARGE	PERCENT OF RECHARGE	CHARGE VOLTAGE LIMIT	CYCLES COVERED INITIAL	CYCLES COVERED FINAL	CYCLES COVERED DIFFERENCE	CELLS REMAINING IN PACK INITIAL	CELLS REMAINING IN PACK FINAL
		49	0	0.5	1.0	15	115	1.55	8030	8484	454	9	9
		50	0	"	"	25	"	"	8019	8471	452	10	10
		1	25	"	"	25	125	1.49	7783	8201	418	7	7
		2	25	"	"	40	"	"		FAILED			
		25	40	"	"	15	160	1.45	7433	7857	424	8	7
		26	40	"	"	25	"	"		FAILED			
SONOTONE (Eyes 65-74)	5	53	0	"	2.5	15	115	1.55	3872	4096	214	10	10
		54	0	"	"	25	"	"	3899	4125	226	10	10
		[illegible]	25	"	"	25	125	1.49	3885	4190	305	10	10
		6	25	"	"	40	"	"	3799	4025	226	6	6
		57	40	"	"	15	160	1.45	3789	4013	224	9	9
		[illegible]	40	"	"	25	"	"	3685	3911	226	6	6
		61	0	"	1.0	15	115	1.55	7170	7624	454	6	6
		62	0	"	"	25	"	"	7649	8067	418	7	7
		13	25	"	"	25	125	1.49		FAILED			
		17	25	"	"	40	"	"		FAILED			
		37	40	"	"	15	160	1.45		FAILED			
		38	40	"	"	25	"	"		FAILED			
[illegible]	5	65	0	"	2.5	15	115	1.55	4004	4228	224	10	10
(Eyes 75-79)		66	0	"	"	25	"	"	3721	3947	216	5	5
		11	25	"	"	25	125	1.49		FAILED			
		18	25	"	"	40	"	"		FAILED			
		41	40	"	"	15	160	1.45		FAILED			
		42	40	"	"	25	"	"	3538	3715	177	6	5

MFR.	CAPACITY A. H.	PACK NO.	TEMP. °C.	ORBIT PERIOD (HRS.) DISCHARGE	ORBIT PERIOD (HRS.) CHARGE	PERCENT DEPTH OF DISCHARGE	PERCENT OF RECHARGE	CHARGE VOLTAGE LIMIT	CYCLES COVERED INITIAL	CYCLES COVERED FINAL	CYCLES COVERED DIFFERENCE	CELLS REMAINING IN PACK INITIAL	CELLS REMAINING IN PACK FINAL
G.E. (80-89)	12	110	0	0.5	1.0	15	115	1.55	7673	8127	454	5	5
		124	0	"	"	25	"	"	7440	7894	454	5	5
		82	25	"	"	25	125	1.49	7681	8135	454	4	4
		96	25	"	"	40	"	"		FAILED			
		85	40	"	"	15	160	1.45	7534	7990	456	5	5
		99	40	"	"	25	"	"		FAILED			
		111	0	"	2.5	15	115	1.55	3850	4076	226	5	5
		125	0	"	"	25	"	"	3832	4058	226	5	5
		93	25	"	"	25	125	1.49	3907	4133	226	5	5
		77	25	"	"	40	"	"	3895	4155	220	4	3
		86	40	"	"	15	160	1.45	3803	4029	226	5	5
9/4		100	40	"	"	25	"	"	3689	3892	203	5	5
		84	0	"	1.0	15	115	1.55	7623	8073	450	5	5
		98	0	"	"	25	"	"	7316	7766	450	4	4
		114	25	"	"	25	135	1.49		FAILED			
		112	25	"	"	40	"	"		FAILED			
		113	40	"	"	15	160	1.45		FAILED			
		126	40	"	"	25	"	1.41		FAILED			
G.E. (90-95)	20	80	0	"	2.5	15	115	1.55	3836	4030	194	5	5
		94	0	"	"	25	"	"	3682	3896	214	5	5
		125	25	"	"	25	125	1.49	3661	3886	225	5	5
		119	25	"	"	40	"	"		FAILED			
		108	40	"	"	15	140	1.45	3666	3841	175	5	4
		122	40	"	"	25	"	1.41		FAILED			

MFR	CAPACITY A. H	PACK NO.	TEMP °C.	ORBIT PERIOD (HRS.) DISCHARGE	ORBIT PERIOD (HRS.) CHARGE	PERCENT DEPTH OF DISCHARGE	PERCENT OF RECHARGE	CHARGE VOLTAGE LIMIT	CYCLES COVERED INITIAL	CYCLES COVERED FINAL	CYCLES COVERED DIFFERENCE	CELLS REMAINING IN PACK INITIAL	CELLS REMAINING IN PACK FINAL
		101	0	0.5	1.0	15	115	1.55		FAILED			
		115	0	"	"	25	"	"		FAILED			
		93	25	"	"	25	125	1.49					
		87	25	"	"	40	"	"		FAILED			
		96	40	"	"	15	160	1.45	7274	7727	453	3	3
		90	40	"	"	25	"	"		FAILED			
GULTON (Pack 96 - 101)	20	101	0	"	2.5	15	115	1.55	3613	3836	223	4	4
		116	0	"	"	25	"	"	3469	3691	222	5	5
		94	25	"	"	25	125	1.49		FAILED			
		89	25	"	"	40	"	"		FAILED			
		99	40	"	"	15	160	1.45	3623	3848	225	5	5
		91	40	"	"	25	"	"	3440	3664	224	3	3
		103	0	"	1.0	15	110	1.49	585	1021	436	5	5
		107	0	"	"	25	"	"	1	384	383	5	5
G.T. (Pack 102 - 107)	5	106	25	"	"	15	120	"	589	1045	456	5	5
		104	25	"	"	25	"	"	1	304	303	*	
		113	40	"	"	15	120	"	589	1045	456	5	5
		111	40	"	"	25	"	"	1	270	269	*	
		117	0	"	"	15	110	"	365	813	448	5	5
		111	0	"	"	25	"	"	1	384	383	5	5
(Pack 108 - 113)	5	120	25	"	"	15	120	"	466	922	456	5	5
		118	25	"	"	25	"	"	1	304	303	*	
		127	40	"	"	15	130	"	512	968	456	5	5
		128	40	"	"	25	"	"	1	270	269	5	5

* Cell With Transducer Removed

CAPACITY A.H.	PACK NO.	TEMP °C.	ORBIT PERIOD (HRS.) DISCHARGE	ORBIT PERIOD (HRS.) CHARGE	PERCENT DEPTH OF DISCHARGE	PERCENT OF RECHARGE	CHARGE VOLTAGE LIMIT	CYCLES COVERED INITIAL	CYCLES COVERED FINAL	CYCLES COVERED DIFFERENCE	CELLS REMAINING IN PACK INITIAL	CELLS REMAINING IN PACK FINAL
[illegible]	57	0	1.0	23.0	50	*	1.50		FAILED			
	33	40	"	"	"	*	1.50		FAILED			
6	77	25	1.0	23.0	50	200	1.49	408	436	28	3	3
[illegible]	93	25**	1.0	23.0	50	200***	1.49**		FAILED			
50	95	0	0.5	1.0	25	115	1.55		FAILED			
	133	40	"	"	15	160	1.45		FAILED			
25	75	25	1.0	23.0	40	*	1.97		FAILED			
	89	25	"	"	"	*	"		FAILED			
	288	25	0.5	2.5	"	*	"		DISCONTINUED			
(NaOH) →	188	25	"	"	"	*	"		FAILED			
40	275	25	1.0	23.0	25	*	1.97		DISCONTINUED			
12 Mfm. Thin wall discharge	9	25	1.0	23.0	42 (5 amps)	(500 Ma.)*	1.97	19	50	31	10	10

* DOES NOT APPLY.
** CHANGED TO 40°C, 1.45 V/CELL LIMIT AFTER CYCLE 173.
*** INCREASED TO 250% AFTER CYCLE 266.

MFR	CAPACITY A H	PACK NO.	TEMP °C.	ORBIT PERIOD (HRS.) DISCHARGE	ORBIT PERIOD (HRS.) CHARGE	PERCENT DEPTH OF DISCHARGE	PERCENT OF RECHARGE	CHARGE VOLTAGE LIMIT	CYCLES COVERED INITIAL	CYCLES COVERED FINAL	CYCLES COVERED DIFFERENCE	CELLS REMAINING IN PACK INITIAL	CELLS REMAINING IN PACK FINAL
GULTON (PAGES 121)	4	315	0	0.5	1.0	15	115	1.55	4546	4972	426	5	5
		326	0	"	"	25	"	"	4813	5262	449	5	5
		304	25	"	"	25	125	1.49	4661	5115	454	5	5
		314	25	"	"	40	"	"	4351	4801	450	5	5
		228	40	"	"	15	160	1.45	4565	5019	454	5	5
		240	40	"	"	25	"	"	4665	5119	454	5	5
GULTON (PAGES 122-127)	12	216	0	"	"	15	115	1.55	1541	1995	454	5	5
		301	0	"	"	25	115	1.55	2537	2989	452	5	5
		227	25	"	"	25	125	1.49	1904	2360	456	5	5
		296	25	"	"	40	125	1.49	2756	3202	446	5	5
		78	40	"	"	15	160	1.45	2969	2925	456	1	1
		290	40	"	"	25	160	1.45	2762	3161	399	5	4
GULTON (PAGES 128-130)	(HSI) 6	213	0	"	"	25	115	1.55	1503	1957	454	5	5
		218	25	"	"	40	125	1.49	1508	1972	464	5	5
		238	40	"	"	25	160	1.45	1508	1957	449	5	5
SONOTONE (PAGES 131-135)	3 (TRIPLE PLATE)	213	0	"	"	15	115	1.55	1	77	76	5	5
		231	0	"	"	25	115	"	1	77	76	5	5
		213	25	"	"	25	125	1.49	1	51	50	5	5
		230	25	"	"	40	125	"					
		236	40	"	"	15	160	1.45					
		237	40	"	"	25	160	"					

[illegible]	CAPACITY AH	RATE PCT	TEMP °C	ORBIT PERIOD (HRS) DISCHARGE	ORBIT PERIOD (HRS) CHARGE	PERCENT DEPTH OF DISCHARGE	PERCENT OF RECHARGE	CHARGE VOLTAGE LIMIT	CYCLES COVERED INITIAL	CYCLES COVERED FINAL	CYCLES COVERED DIFFERENCE	CYCLES PERFORMED AT RATE PCT INITIAL	CYCLES PERFORMED AT RATE PCT FINAL
[illegible]	6 (THREE ELECTRODE)	54	0	0.5	1.0	25	—	—	655	1107	452	5	5
		21	0	"	"	40	—	—	657	1026	369	5	5
		11	25	"	"	40	—	—	1605	2057	452	5	5
		23	25	"	"	25	—	—	1606	2058	452	5	5
(PAGES 157-159)		35	40	"	"	15	—	—	1	10	9	5	5
		42	40	"	"	25	—	—	219	619	400	5	5

DEPTH OF DISCHARGE 15 TEST TEMPERATURE 0 C
PERCENT OF RECHARGE 11% REST PERIOD 90 MIN.

PACK CURRENT	PACK VOLTAGE	CELL VOLTAGES										
	0.90	1	2	3	4	5	6	7	8	9	10	
[illegible]	12.34	.90	1.23	1.16	1.24	1.22	1.24	1.23	1.25	1.25	1.24	1.24	END OF
907.	12.28	.90	1.23	1.23	1.23	1.21	1.22	1.22	1.22	1.26	1.22	1.22	DISCHARGE
1421.	12.31	.90	1.23	1.18	1.24	1.22	1.23	1.23	1.23	1.24	1.23	1.23	
1463.	12.30	.90	1.23	1.24	1.23	1.21	1.22	1.22	1.23	1.24	1.23	1.22	
1406.	12.31	.90	1.23	1.24	1.23	1.22	1.22	1.23	1.23	1.26	1.23	1.22	
1355.	12.30	.90	1.23	1.24	1.23	1.22	1.22	1.23	1.23	1.26	1.23	1.22	
1395.	12.27	.90	1.23	1.23	1.23	1.21	1.22	1.22	1.22	1.26	1.22	1.22	
1391.	12.27	.90	1.23	1.23	1.23	1.21	1.22	1.22	1.22	1.25	1.22	1.22	
1319.	12.34	.90	1.24	1.22	1.24	1.22	1.24	1.23	1.23	1.25	1.23	1.23	
[illegible]	12.46	.90	1.25	1.25	1.25	1.23	1.24	1.24	1.24	1.26	1.25	1.24	
[illegible]	12.36	.90	1.24	1.24	1.24	1.22	1.23	1.23	1.23	1.27	1.24	1.23	
734.	12.48	.91	1.27	1.25	1.25	1.24	1.24	1.25	1.24	1.27	1.25	1.24	
		.52											
772.	15.60	.22	1.56	1.46	1.59	1.54	1.62	1.61	1.59	1.60	1.46	1.52	END OF
[illegible]	[illegible]	.22	1.59	1.[illegible]	[illegible]	1.54	1.[illegible]1	1.60	1.59	1.60	1.46	1.52	CHARGE
1401.	15.54	.22	1.60	1.42	1.60	1.54	1.62	1.61	1.60	1.56	1.47	1.52	
1433.	15.50	.21	1.60	1.44	1.59	1.53	1.62	1.61	1.51	1.61	1.46	1.51	
1396.	15.51	.21	1.61	1.44	1.59	1.54	1.63	1.61	1.50	1.61	1.46	1.51	
1345.	15.49	.22	1.60	1.45	1.58	1.54	1.62	1.61	1.50	1.61	1.46	1.52	
[illegible]	15.52	.22	1.61	1.46	1.59	1.54	1.62	1.62	1.59	1.61	1.46	1.52	
[illegible]	[illegible]	.21	1.61	1.[illegible]	[illegible]	1.54	1.62	1.62	1.5[illegible]	1.61	1.46	1.52	
[illegible]	[illegible]	.21	1.61	1.[illegible]	[illegible]	1.54	1.62	1.62	1.5[illegible]	1.61	1.46	1.52	
1[illegible]	16.21	.22	1.67	1.[illegible]	1.[illegible]	1.64	1.69	1.[illegible]	1.59	1.66	1.52	1.60	
[illegible]	[illegible]	.21	1.63	1.51	1.63	1.59	1.[illegible]	1.[illegible]	1.58	1.63	1.55	1.56	
1[illegible]	15.91	.27	1.65	1.[illegible]	1.[illegible]	1.59	1.66	1.[illegible]	1.55	1.65	1.51	1.56	
[illegible]	15.89	.25	1.62	1.[illegible]	1.[illegible]	1.59	1.62	1.[illegible]	1.57	1.64	1.55	1.59	

PACK NO. 64 DEPTH OF DISCHARGE 25 TEST TEMPERATURE 0 C
G.E. 3 A.H. PERCENT OF RECHARGE 115 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 1.50	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
8304.	12.03	1.50	1.20	1.16	1.20	1.20	1.20	1.20	1.20	1.20	1.21	1.20	END OF
8336.	11.97	1.50	1.20	1.20	1.20	1.20	1.19	1.19	1.20	1.21	1.20	1.18	DISCHARGE
8359.	12.00	1.51	1.20	1.15	1.20	1.20	1.19	1.20	1.20	1.20	1.21	1.19	
8392.	11.98	1.50	1.20	1.20	1.20	1.20	1.19	1.20	1.20	1.21	1.20	1.18	
8423.	11.97	1.50	1.20	1.20	1.20	1.20	1.19	1.20	1.20	1.21	1.20	1.18	
8484.	11.97	1.50	1.20	1.20	1.20	1.20	1.19	1.20	1.20	1.21	1.20	1.19	
8520.	11.93	1.51	1.19	1.20	1.20	1.20	1.19	1.19	1.19	1.21	1.20	1.18	
8553.	11.95	1.50	1.20	1.19	1.20	1.20	1.19	1.19	1.20	1.20	1.20	1.18	
8591.	11.94	1.50	1.20	1.20	1.20	1.20	1.19	1.19	1.20	1.21	1.20	1.18	
8614.	11.95	1.50	1.20	1.20	1.20	1.20	1.19	1.20	1.20	1.21	1.20	1.18	
8644.	11.96	1.50	1.20	1.18	1.20	1.20	1.19	1.20	1.20	1.20	1.20	1.19	
8683.	11.93	1.50	1.20	1.20	1.19	1.20	1.19	1.19	1.19	1.21	1.20	1.18	
8711.	11.94	1.50	1.20	1.20	1.19	1.20	1.19	1.19	1.19	1.21	1.20	1.18	
		.86											
8304.	15.41	.31	1.54	1.55	1.54	1.59	1.50	1.48	1.47	1.60	1.54	1.59	END OF
8336.	15.40	.30	1.54	1.55	1.54	1.58	1.50	1.47	1.47	1.63	1.54	1.59	CHARGE
8359.	15.47	.31	1.54	1.52	1.54	1.59	1.50	1.48	1.48	1.61	1.54	1.60	
8392.	15.44	.30	1.54	1.56	1.53	1.59	1.52	1.48	1.48	1.64	1.53	1.60	
8423.	15.43	.30	1.54	1.56	1.53	1.59	1.50	1.48	1.47	1.64	1.54	1.59	
8484.	15.44	.30	1.54	1.56	1.54	1.60	1.51	1.48	1.48	1.63	1.54	1.59	
8520.	15.45	.30	1.54	1.57	1.54	1.61	1.51	1.48	1.48	1.63	1.54	1.60	
8553.	15.50	.30	1.55	1.53	1.55	1.61	1.52	1.48	1.48	1.62	1.55	1.60	
8591.	15.42	.30	1.54	1.56	1.54	1.60	1.51	1.47	1.47	1.62	1.54	1.59	
8614.	15.43	.29	1.54	1.56	1.54	1.60	1.51	1.48	1.47	1.63	1.54	1.59	
8644.	15.43	.29	1.54	1.54	1.54	1.60	1.51	1.48	1.47	1.60	1.55	1.59	
8683.	15.43	.27	1.55	1.55	1.52	1.58	1.52	1.48	1.47	1.65	1.54	1.61	
8711.	15.42	.29	1.54	1.56	1.53	1.58	1.51	1.48	1.48	1.64	1.54	1.60	

PACK NO. 15 DEPTH OF DISCHARGE 25 TEST TEMPERATURE 25 C
G.E. 3 A.H. PERCENT OF RECHARGE 125 CIRCUIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 1.50	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
8206.	9.33	1.51	1.15	1.10	1.17	1.15	1.19	1.17	.00	.00	1.20	1.14	END OF
8296.	9.22	1.51	1.15	1.15	1.15	1.13	1.17	1.15	.00	.00	1.17	1.12	DISCHARGE
8320.	9.23	1.51	1.15	1.10	1.15	1.14	1.16	1.17	.00	.00	1.17	1.13	
8352.	9.13	1.51	1.15	1.15	1.15	1.12	1.14	1.15	.00	.00	1.15	1.10	
8449.	9.44	1.52	1.17	1.18	1.19	1.17	1.17	1.17	.00	.00	1.20	1.18	
8475.	9.34	1.52	1.16	1.17	1.17	1.15	1.15	1.17	.00	.00	1.18	1.17	
8503.	9.33	1.51	1.16	1.15	1.16	1.16	1.15	1.17	.00	.00	1.18	1.17	
8546.	9.23	1.51	1.16	1.17	1.16	1.15	1.11	1.17	.00	.00	1.17	1.16	
8570.	9.15	1.51	1.15	1.16	1.16	1.14	1.09	1.17	.00	.00	1.15	1.14	
8599.	9.16	1.51	1.16	1.16	1.17	1.15	1.02	1.17	.00	.00	1.16	1.15	
8640.	8.96	1.51	1.14	1.15	1.14	1.14	.96	1.16	.00	.00	1.16	1.12	
8663.	9.10	1.51	1.15	1.15	1.16	1.14	1.06	1.16	.00	.00	1.16	1.11	
		.94											
8266.	11.86	.95	1.49	1.51	1.45	1.46	1.44	1.49	.00	.00	1.47	1.51	END OF
8296.	11.81	.95	1.49	1.51	1.44	1.45	1.44	1.49	.00	.00	1.46	1.51	CHARGE
8320.	11.75	.95	1.47	1.48	1.43	1.45	1.43	1.48	.00	.00	1.45	1.50	
8352.	11.76	.95	1.48	1.50	1.44	1.45	1.43	1.49	.00	.00	1.44	1.50	
8449.	11.78	.96	1.48	1.49	1.46	1.46	1.43	1.48	.00	.00	1.46	1.51	
8475.	11.75	.95	1.48	1.50	1.45	1.44	1.43	1.47	.00	.00	1.45	1.51	
8503.	11.77	.95	1.48	1.50	1.44	1.45	1.43	1.48	.00	.00	1.45	1.51	
8546.	11.76	.95	1.49	1.51	1.44	1.45	1.43	1.49	.00	.00	1.45	1.51	
8570.	11.77	.95	1.49	1.51	1.45	1.46	1.42	1.49	.00	.00	1.45	1.51	
8599.	11.79	.95	1.49	1.51	1.45	1.46	1.42	1.49	.00	.00	1.45	1.50	
8640.	11.76	.94	1.49	1.52	1.44	1.46	1.42	1.49	.00	.00	1.44	1.49	
8668.	11.74	.94	1.48	1.51	1.44	1.45	1.42	1.49	.00	.00	1.44	1.49	

PACK NO. 39
G.E. 3 A.H.

DEPTH OF DISCHARGE 15
PERCENT OF RECHARGE 160

TEST TEMPERATURE 40 C
ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT .90	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
7909.	6.31	.90	.00	.00	1.04	1.02	1.15	.00	.00	1.07	1.05	.99	END OF DISCHARGE
7939.	6.03	.90	.00	.00	1.10	.96	1.13	.00	.00	1.05	.92	.88	
7963.	6.28	.90	.00	.00	1.14	1.04	1.13	.00	.00	1.04	.97	.97	
7995.	5.60	.90	.00	.00	.98	.86	1.12	.00	.00	.96	.81	.86	
8028.	5.92	.90	.00	.00	1.02	.87	1.11	.00	.00	1.07	.93	.92	
8067.	4.45	.80	.00	.00	.92	.16	1.09	.00	.00	.87	.66	.73	
8103.	4.96	.88	.00	.00	.00	1.02	1.12	.00	.00	.97	.91	.95	
8109.	3.32	.80	.00	.00	.00	.86	1.10	.00	.00	.70	.22	.63	
		.72											
7909.	8.44	.73	.00	.00	1.40	1.41	1.41	.00	.00	1.42	1.40	1.41	END OF CHARGE
7939.	8.46	.73	.00	.00	1.41	1.41	1.41	.00	.00	1.41	1.41	1.41	
7963.	8.49	.73	.00	.00	1.41	1.41	1.41	.00	.00	1.41	1.41	1.42	
7995.	8.47	.73	.00	.00	1.41	1.41	1.41	.00	.00	1.42	1.41	1.41	
8028.	8.48	.73	.00	.00	1.41	1.42	1.41	.00	.00	1.42	1.42	1.42	
8067.	8.47	.73	.00	.00	1.41	1.41	1.41	.00	.00	1.42	1.41	1.42	
8103.	7.04	.72	.00	.00	.00	1.41	1.41	.00	.00	1.42	1.41	1.42	
8109.	7.07	.73	.00	.00	.00	1.42	1.41	.00	.00	1.42	1.42	1.43	

PACK NO. 67
G.E. 3 A.H.

DEPTH OF DISCHARGE 15
PERCENT OF RECHARGE 115

TEST TEMPERATURE 0 C
ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 0.90	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
4022.	12.42	.90	1.25	1.25	1.23	1.24	1.24	1.25	1.24	1.26	1.22	1.24	END OF DISCHARGE
4094.	12.38	.89	1.25	1.24	1.22	1.24	1.24	1.24	1.24	1.26	1.22	1.24	
4153.	12.37	.90	1.24	1.25	1.22	1.23	1.24	1.25	1.23	1.26	1.22	1.24	
4182.	12.43	.90	1.25	1.13	1.24	1.24	1.24	1.26	1.25	1.25	1.24	1.26	
4213.	12.35	.89	1.24	1.24	1.22	1.23	1.24	1.24	1.23	1.26	1.22	1.23	
		.21											
4022.	15.49	.09	1.61	1.46	1.48	1.57	1.61	1.59	1.56	1.53	1.52	1.56	END OF CHARGE
4094.	15.58	.09	1.62	1.46	1.49	1.58	1.62	1.59	1.56	1.54	1.55	1.57	
4153.	15.52	.10	1.61	1.46	1.50	1.56	1.62	1.60	1.54	1.55	1.53	1.59	
4182.	15.57	.09	1.62	1.44	1.49	1.57	1.62	1.61	1.56	1.54	1.52	1.60	
4213.	15.51	.09	1.61	1.47	1.48	1.57	1.63	1.59	1.54	1.59	1.52	1.57	

PACK NO. 63
G.E. 3 A.H.

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 115

TEST TEMPERATURE 0 C
ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 1.50	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
4093.	12.01	1.50	1.19	1.20	1.20	1.20	1.20	1.21	1.21	1.22	1.19	1.20	END OF
4125.	12.05	1.50	1.19	1.20	1.20	1.20	1.20	1.21	1.21	1.22	1.20	1.21	DISCHARGE
4138.	12.03	1.49	1.19	1.20	1.20	1.20	1.20	1.21	1.21	1.22	1.19	1.20	
4157.	12.03	1.48	1.19	1.20	1.21	1.20	1.20	1.21	1.22	1.22	1.20	1.20	
4195.	12.02	1.49	1.19	1.20	1.20	1.20	1.20	1.21	1.21	1.22	1.19	1.21	
4215.	12.06	1.49	1.20	1.18	1.21	1.20	1.21	1.22	1.22	1.21	1.20	1.21	
		.34											
4093.	15.47	.10	1.61	1.62	1.57	1.58	1.58	1.58	1.46	1.62	1.41	1.45	END OF
4125.	15.43	.10	1.60	1.61	1.57	1.56	1.58	1.58	1.46	1.62	1.41	1.45	CHARGE
4138.	15.50	.11	1.61	1.62	1.58	1.56	1.58	1.59	1.47	1.62	1.41	1.46	
4157.	15.50	.10	1.60	1.63	1.59	1.57	1.59	1.59	1.47	1.63	1.41	1.46	
4195.	15.45	.13	1.59	1.61	1.57	1.56	1.59	1.59	1.48	1.62	1.41	1.46	
4215.	15.53	.11	1.61	1.59	1.60	1.54	1.61	1.60	1.48	1.61	1.42	1.47	

PACK NO. 19 DEPTH OF DISCHARGE 25 TEST TEMPERATURE 25 C
G.E. 3 A.H. PERCENT OF RECHARGE 125 ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 1.50	CELL VOLTAGES 1	2	3	4	5	7	9	10	
4031.	11.98	1.52	1.20	1.20	1.20	1.20	1.19	1.20	1.20	1.21	1.19	1.20	END OF
4063.	11.99	1.52	1.20	1.20	1.20	1.20	1.19	1.21	1.20	1.21	1.19	1.20	DISCHARGE
4103.	12.02	1.52	1.20	1.20	1.20	1.20	1.20	1.21	1.20	1.22	1.20	1.20	
4127.	12.07	1.51	1.21	1.21	1.21	1.21	1.20	1.21	1.21	1.22	1.20	1.20	
4162.	12.04	1.51	1.20	1.21	1.20	1.21	1.20	1.21	1.20	1.22	1.20	1.20	
4191.	12.10	1.52	1.21	1.09	1.22	1.22	1.20	1.22	1.22	1.21	1.22	1.23	
4222.	11.99	1.53	1.19	1.20	1.19	1.20	1.19	1.20	1.20	1.22	1.19	1.19	
		.38											
4031.	14.47	.15	1.43	1.43	1.43	1.44	1.43	1.50	1.43	1.49	1.43	1.50	END OF
4063.	14.48	.18	1.43	1.43	1.43	1.43	1.42	1.51	1.43	1.49	1.43	1.50	CHARGE
4103.	14.80	.31	1.47	1.46	1.46	1.45	1.46	1.53	1.46	1.53	1.46	1.54	
4127.	14.67	.34	1.46	1.46	1.45	1.44	1.45	1.51	1.45	1.51	1.45	1.52	
4162.	14.76	.33	1.46	1.47	1.46	1.45	1.46	1.52	1.46	1.53	1.46	1.53	
4191.	14.75	.32	1.46	1.44	1.46	1.44	1.46	1.52	1.45	1.52	1.46	1.53	
4222.	14.64	.36	1.44	1.48	1.44	1.43	1.46	1.50	1.44	1.56	1.43	1.50	

PACK NO. 20
G.E. 3 A.H.

DEPTH OF DISCHARGE 40
PERCENT OF RECHARGE 125

TEST TEMPERATURE 25 C
ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 2.40	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
3861.	9.93	2.40	1.13	1.09	1.08	1.10	.00	1.10	1.11	1.11	1.12	1.11	END OF DISCHARGE
3893.	10.13	2.40	1.15	1.12	1.10	1.12	.00	1.13	1.13	1.13	1.13	1.12	
3906.	10.01	2.37	1.14	1.10	1.09	1.10	.00	1.10	1.12	1.12	1.13	1.12	
3925.	9.98	2.40	1.14	1.10	1.09	1.10	.00	1.09	1.12	1.12	1.13	1.12	
3961.	10.01	2.40	1.14	1.10	1.10	1.11	.00	1.09	1.12	1.13	1.13	1.12	
		.60											
3861.	13.20	.61	1.47	1.48	1.45	1.46	.00	1.49	1.48	1.47	1.45	1.49	END OF CHARGE
3893.	13.19	.60	1.46	1.48	1.45	1.46	.00	1.49	1.48	1.47	1.45	1.49	
3906.	13.20	.60	1.47	1.48	1.45	1.46	.00	1.48	1.48	1.47	1.44	1.49	
3925.	13.24	.61	1.47	1.48	1.45	1.47	.00	1.49	1.49	1.47	1.45	1.50	
3961.	13.24	.59	1.48	1.48	1.45	1.47	.00	1.48	1.49	1.47	1.45	1.50	

PACK NO. 44
G.E. 3 A.H.

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 160

TEST TEMPERATURE 40 C
ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 1.50	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
3838.	8.34	1.40	1.00	1.07	.94	1.09	1.06	.00	1.09	.02	1.08	1.01	END OF
3848.	9.00	1.48	1.04	1.09	.99	1.10	1.07	.00	1.11	.47	1.10	1.04	DISCHARGE
3854.	6.75	1.13	.05	1.16	.05	1.11	1.17	.00	1.14	.02	1.14	1.14	"
3894.	6.84	1.50	.00	.99	.00	1.14	1.12	.00	1.16	.06	1.16	1.14	"
		.48											
3838.	12.73	.46	1.40	1.43	1.42	1.40	1.40	.00	1.41	1.44	1.40	1.42	END OF
3848.	12.72	.48	1.41	1.43	1.42	1.40	1.40	.00	1.41	1.44	1.40	1.42	CHARGE
3854.	10.11	.48	.02	1.52	1.46	1.41	1.41	.00	1.44	.01	1.41	1.44	"
3894.	8.62	.41	.00	1.46	.00	1.42	1.42	.00	1.44	.01	1.43	1.44	"

PACK NO. 51 DEPTH OF DISCHARGE 15 TEST TEMPERATURE 0 C
GOULD 3.5 A.H. PERCENT OF RECHARGE 115 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 1.05	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
8394.	12.43	1.03	1.24	1.18	1.22	1.26	1.24	1.25	1.25	1.24	1.21	1.28	END OF DISCHARGE
8424.	12.40	1.03	1.24	1.23	1.22	1.25	1.23	1.25	1.24	1.25	1.24	1.26	
8448.	12.43	1.02	1.24	1.18	1.22	1.25	1.24	1.25	1.25	1.24	1.23	1.24	
8480.	12.45	1.03	1.24	1.23	1.22	1.26	1.23	1.24	1.24	1.25	1.26	1.25	
8513.	12.46	1.03	1.24	1.24	1.22	1.25	1.23	1.25	1.25	1.25	1.26	1.26	
8552.	12.44	1.03	1.24	1.24	1.22	1.25	1.23	1.25	1.25	1.25	1.26	1.23	
8582.	12.42	1.04	1.24	1.23	1.22	1.26	1.23	1.25	1.25	1.25	1.27	1.23	
8608.	12.40	1.04	1.24	1.23	1.22	1.25	1.23	1.24	1.25	1.24	1.26	1.23	
8636.	12.40	1.04	1.24	1.22	1.22	1.25	1.23	1.25	1.25	1.23	1.26	1.23	
8679.	12.38	1.04	1.24	1.23	1.22	1.25	1.23	1.25	1.24	1.24	1.24	1.25	
8703.	12.31	1.04	1.24	1.23	1.21	1.23	1.23	1.24	1.24	1.23	1.22	1.25	
8751.	12.46	1.06	1.25	1.25	1.23	1.24	1.25	1.25	1.24	1.26	1.24	1.25	
		.60											
8394.	15.35	.54	1.55	1.56	1.57	1.47	1.59	1.55	1.55	1.60	1.42	1.49	END OF CHARGE
8424.	15.33	.53	1.55	1.57	1.57	1.46	1.58	1.55	1.55	1.60	1.44	1.47	
8448.	15.43	.54	1.56	1.54	1.59	1.47	1.60	1.56	1.56	1.60	1.44	1.46	
8480.	15.33	.56	1.55	1.56	1.57	1.48	1.57	1.55	1.55	1.60	1.45	1.47	
8513.	15.36	.56	1.55	1.57	1.57	1.46	1.58	1.55	1.55	1.60	1.46	1.49	
8552.	15.37	.55	1.55	1.57	1.58	1.46	1.59	1.56	1.55	1.61	1.46	1.45	
8582.	15.41	.56	1.56	1.58	1.58	1.47	1.59	1.56	1.56	1.62	1.48	1.45	
8608.	15.40	.55	1.56	1.58	1.58	1.47	1.58	1.56	1.55	1.62	1.48	1.45	
8636.	15.43	.56	1.56	1.54	1.58	1.47	1.60	1.56	1.56	1.60	1.47	1.46	
8679.	15.41	.56	1.56	1.58	1.59	1.47	1.60	1.56	1.55	1.62	1.45	1.48	
8703.	15.40	.56	1.56	1.59	1.59	1.46	1.61	1.56	1.56	1.58	1.43	1.48	
8751.	15.51	.54	1.55	1.56	1.57	1.44	1.63	1.56	1.55	1.64	1.48	1.56	

PACK NO. 52 DEPTH OF DISCHARGE 25 TEST TEMPERATURE 0 C
GOULD 3.5 A.H. PERCENT OF RECHARGE 115 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 1.75	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
8086.	10.84	1.77	1.20	1.14	1.20	1.20	1.20	1.21	1.19	.00	1.21	1.22	END OF DISCHARGE
8118.	10.77	1.77	1.20	1.18	1.20	1.19	1.19	1.20	1.18	.00	1.20	1.20	
8141.	10.81	1.77	1.20	1.13	1.20	1.19	1.20	1.23	1.19	.00	1.21	1.21	
8174.	10.79	1.77	1.20	1.21	1.20	1.19	1.20	1.20	1.17	.00	1.20	1.19	
8205.	10.80	1.76	1.20	1.20	1.20	1.19	1.20	1.20	1.19	.00	1.20	1.19	
8266.	10.79	1.77	1.20	1.21	1.20	1.19	1.20	1.20	1.18	.00	1.20	1.19	
8302.	10.76	1.77	1.20	1.21	1.19	1.19	1.19	1.20	1.18	.00	1.20	1.18	
8335.	10.77	1.76	1.20	1.18	1.19	1.19	1.19	1.10	1.21	.00	1.20	1.17	
8373.	10.75	1.76	1.20	1.20	1.19	1.19	1.19	1.20	1.19	.00	1.20	1.17	
8396.	10.76	1.76	1.20	1.20	1.19	1.19	1.20	1.20	1.19	.00	1.20	1.17	
8426.	10.78	1.76	1.20	1.19	1.20	1.19	1.20	1.21	1.20	.00	1.21	1.16	
8465.	10.74	1.76	1.20	1.18	1.20	1.19	1.20	1.20	1.19	.00	1.21	1.14	
8493.	10.62	1.76	1.20	1.17	1.19	1.19	1.20	1.20	1.18	.00	1.21	1.05	
		1.00											
8086.	13.91	.68	1.57	1.47	1.55	1.59	1.56	1.58	1.51	.00	1.53	1.51	END OF CHARGE
8118.	13.90	.66	1.58	1.47	1.55	1.60	1.57	1.59	1.52	.00	1.53	1.50	
8141.	13.95	.69	1.58	1.44	1.56	1.60	1.57	1.59	1.53	.00	1.54	1.49	
8174.	13.94	.67	1.59	1.55	1.55	1.60	1.57	1.59	1.51	.00	1.54	1.44	
8205.	13.91	.70	1.58	1.50	1.55	1.60	1.57	1.59	1.53	.00	1.54	1.44	
8266.	13.92	.71	1.59	1.55	1.56	1.60	1.57	1.59	1.50	.00	1.52	1.44	
8302.	13.95	.69	1.58	1.57	1.56	1.60	1.57	1.59	1.52	.00	1.52	1.43	
8335.	14.07	.77	1.60	1.51	1.57	1.61	1.58	1.60	1.60	.00	1.53	1.44	
8373.	14.06	.76	1.60	1.58	1.57	1.61	1.58	1.60	1.54	.00	1.53	1.44	
8396.	14.05	.75	1.60	1.58	1.58	1.61	1.58	1.60	1.54	.00	1.53	1.44	
8426.	14.06	.74	1.59	1.55	1.58	1.61	1.58	1.60	1.55	.00	1.54	1.44	
8465.	14.04	.76	1.60	1.51	1.56	1.62	1.58	1.60	1.58	.00	1.57	1.43	
8493.	14.02	.83	1.61	1.47	1.58	1.62	1.59	1.60	1.55	.00	1.57	1.44	

PACK NO. 55 DEPTH OF DISCHARGE 15 TEST TEMPERATURE 0 C
GOULD 3.5 A.H. PERCENT OF RECHARGE 115 ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 1.05	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
4052.	12.39	1.05	1.24	1.24	1.24	1.23	1.23	1.23	1.24	1.25	1.24	1.24	END OF
4084.	12.40	1.05	1.24	1.24	1.24	1.23	1.23	1.23	1.24	1.25	1.24	1.24	DISCHARGE
4124.	12.34	1.05	1.23	1.24	1.24	1.23	1.23	1.23	1.23	1.25	1.23	1.23	
4148.	12.37	1.05	1.23	1.24	1.24	1.23	1.23	1.23	1.24	1.25	1.23	1.23	
4183.	12.36	1.05	1.23	1.24	1.24	1.23	1.23	1.23	1.23	1.25	1.23	1.24	
4212.	12.41	1.05	1.25	1.12	1.25	1.24	1.23	1.25	1.25	1.23	1.25	1.26	
4243.	12.37	1.04	1.23	1.24	1.24	1.23	1.22	1.23	1.23	1.26	1.23	1.24	
		.24											
4052.	15.25	.24	1.53	1.53	1.53	1.53	1.53	1.53	1.52	1.55	1.52	1.52	END OF
4084.	15.20	.24	1.52	1.52	1.52	1.53	1.52	1.52	1.52	1.54	1.51	1.51	CHARGE
4124.	15.27	.24	1.53	1.53	1.53	1.53	1.53	1.53	1.52	1.55	1.52	1.52	
4148.	15.26	.24	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.55	1.52	1.51	
4183.	15.30	.24	1.53	1.53	1.53	1.54	1.53	1.53	1.53	1.56	1.52	1.52	
4212.	15.50	.24	1.55	1.52	1.55	1.56	1.55	1.55	1.55	1.56	1.55	1.55	
4243.	15.18	.25	1.52	1.54	1.51	1.52	1.54	1.51	1.51	1.59	1.50	1.49	

PACK NO. 56
GOULD 3.5 A.H.

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 115

TEST TEMPERATURE 0 C
ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 1.75	CELL VOLTAGE 1	2		4			7		9	10	
4064.	12.06	1.78	1.20	1.20	1.21	1.21	1.20	1.20	1.21	1.22	1.20	1.20	END OF
4096.	12.10	1.78	1.20	1.21	1.22	1.21	1.20	1.20	1.21	1.22	1.20	1.21	DISCHARGE
4109.	12.07	1.77	1.20	1.21	1.21	1.21	1.20	1.20	1.21	1.22	1.20	1.21	
4128.	12.06	1.75	1.20	1.21	1.21	1.21	1.20	1.20	1.21	1.22	1.20	1.21	
4164.	12.05	1.76	1.20	1.20	1.21	1.21	1.20	1.20	1.21	1.22	1.20	1.21	
4186.	12.05	1.77	1.20	1.19	1.21	1.21	1.20	1.20	1.21	1.21	1.20	1.21	
4215.	12.04	1.76	1.20	1.20	1.21	1.21	1.20	1.20	1.21	1.22	1.20	1.20	
		.40											
4064.	15.41	.31	1.53	1.54	1.56	1.57	1.53	1.54	1.56	1.56	1.53	1.54	END OF
4096.	15.40	.30	1.53	1.54	1.54	1.57	1.53	1.54	1.55	1.56	1.53	1.54	CHARGE
4109.	15.45	.31	1.54	1.54	1.54	1.57	1.54	1.54	1.55	1.56	1.54	1.54	
4128.	15.47	.30	1.54	1.54	1.54	1.57	1.54	1.55	1.56	1.57	1.54	1.55	
4164.	15.46	.31	1.54	1.55	1.54	1.57	1.54	1.55	1.56	1.56	1.54	1.54	
4186.	15.66	.30	1.56	1.51	1.56	1.60	1.57	1.57	1.58	1.56	1.56	1.57	
4215.	15.45	.30	1.54	1.54	1.55	1.58	1.54	1.54	1.56	1.56	1.54	1.54	

PACK NO. 7
GOULD 3.5 A.H.

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 125

TEST TEMPERATURE 25 C
ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 1.75	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
3884.	5.53	1.61	.00	.00	1.11	.99	.00	.00	.12	1.20	1.19	1.17	END OF
3917.	5.53	1.61	.00	.00	1.04	.98	.00	.00	.00	1.21	1.19	1.14	DISCHARGE
3946.	5.56	1.59	.00	.00	1.03	.98	.00	.00	.00	1.16	1.22	1.17	
3977.	5.43	1.57	.00	.00	.99	.94	.00	.00	.00	1.20	1.20	1.14	
		.44											
3884.	8.69	.43	.00	.00	1.47	1.42	.00	.00	1.45	1.47	1.47	1.47	END OF
3917.	7.24	.43	.00	.00	1.44	1.42	.00	.00	.00	1.47	1.48	1.47	CHARGE
3946.	7.22	.43	.00	.00	1.42	1.42	.00	.00	.00	1.46	1.48	1.47	
3977.	7.15	.43	.00	.00	1.41	1.40	.00	.00	.00	1.50	1.45	1.44	

PACK NO. 49 DEPTH OF DISCHARGE 15 TEST TEMPERATURE 0 C
SONOTONE 5 A.H. PERCENT OF RECHARGE 115 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 1.50	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
8071.	10.96	1.52	1.20	1.19	1.22	1.20	1.20	1.22	1.23	1.23	.00	1.23	END OF
8101.	10.96	1.50	1.20	1.21	1.22	1.20	1.20	1.22	1.23	1.25	.00	1.23	DISCHARGE
8165.	10.93	1.50	1.20	1.21	1.20	1.20	1.20	1.22	1.23	1.25	.00	1.22	
8217.	10.94	1.50	1.20	1.21	1.19	1.20	1.20	1.22	1.23	1.25	.00	1.22	
8229.	10.92	1.50	1.20	1.21	1.19	1.20	1.20	1.22	1.23	1.25	.00	1.22	
8273.	10.89	1.52	1.20	1.20	1.19	1.19	1.20	1.22	1.23	1.24	.00	1.22	
8287.	10.88	1.53	1.20	1.20	1.18	1.19	1.19	1.21	1.23	1.24	.00	1.22	
8356.	10.90	1.50	1.20	1.20	1.19	1.20	1.20	1.22	1.23	1.24	.00	1.22	
8388.	10.89	1.50	1.20	1.20	1.19	1.19	1.20	1.22	1.23	1.24	.00	1.22	
8417.	10.88	1.52	1.19	1.20	1.19	1.19	1.19	1.21	1.23	1.24	.00	1.22	
8450.	10.78	1.52	1.18	1.19	1.20	1.18	1.18	1.20	1.21	1.22	.00	1.20	
8484.	11.02	1.50	1.21	1.09	1.24	1.21	1.21	1.24	1.24	1.23	.00	1.24	
8896.	10.92	1.50	1.20	1.19	1.18	1.20	1.20	1.22	1.23	1.23	.00	1.23	
		.86											
8071.	13.89	.57	1.54	1.48	1.55	1.55	1.52	1.59	1.55	1.54	.00	1.54	END OF
8101.	13.87	.57	1.54	1.53	1.52	1.54	1.52	1.57	1.54	1.57	.00	1.53	CHARGE
8165.	13.93	.53	1.57	1.55	1.48	1.56	1.52	1.59	1.56	1.58	.00	1.54	
8217.	13.85	.62	1.56	1.54	1.45	1.56	1.53	1.57	1.56	1.57	.00	1.54	
8229.	13.86	.61	1.55	1.54	1.46	1.56	1.57	1.57	1.55	1.57	.00	1.54	
8273.	13.87	.60	1.55	1.54	1.46	1.56	1.53	1.58	1.55	1.57	.00	1.54	
8287.	13.87	.61	1.55	1.54	1.46	1.56	1.52	1.58	1.55	1.57	.00	1.54	
8356.	13.86	.60	1.55	1.54	1.46	1.56	1.52	1.59	1.55	1.57	.00	1.54	
8388.	13.89	.56	1.55	1.54	1.46	1.56	1.53	1.59	1.55	1.58	.00	1.54	
8417.	13.89	.57	1.55	1.52	1.46	1.55	1.53	1.61	1.55	1.56	.00	1.54	
8450.	13.94	.42	1.56	1.56	1.50	1.53	1.49	1.66	1.54	1.56	.00	1.55	
8484.	13.91	.52	1.55	1.52	1.58	1.54	1.52	1.57	1.55	1.56	.00	1.54	
8896.	13.89	.61	1.55	1.51	1.45	1.56	1.53	1.58	1.56	1.56	.00	1.55	

PACK NO. 50 DEPTH OF DISCHARGE 25 TEST TEMPERATURE 0 C
SONOTONE 5 A.H. PERCENT OF RECHARGE 115 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 2.50	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
8058.	11.83	2.50	1.13	1.14	1.18	1.15	1.16	1.21	1.21	1.21	1.21	1.21	END OF
8090.	11.74	2.50	1.12	1.19	1.16	1.13	1.15	1.20	1.20	1.21	1.19	1.19	DISCHARGE
8124.	11.66	2.50	1.10	1.13	1.16	1.12	1.14	1.19	1.19	1.19	1.19	1.19	
8154.	11.68	2.51	1.11	1.19	1.16	1.12	1.14	1.19	1.20	1.21	1.19	1.18	
8204.	11.69	2.51	1.11	1.19	1.16	1.12	1.14	1.19	1.19	1.00	1.19	1.18	
8247.	11.67	2.50	1.11	1.18	1.16	1.12	1.13	1.19	1.19	1.21	1.19	1.18	
8280.	11.73	2.50	1.12	1.19	1.16	1.13	1.14	1.20	1.20	1.21	1.19	1.19	
8312.	11.71	2.49	1.12	1.18	1.16	1.13	1.14	1.20	1.20	1.20	1.20	1.19	
8351.	11.66	2.50	1.11	1.18	1.16	1.12	1.13	1.19	1.19	1.21	1.19	1.18	
8377.	11.58	2.50	1.09	1.18	1.15	1.11	1.12	1.18	1.19	1.20	1.18	1.18	
8406.	11.65	2.49	1.10	1.07	1.15	1.12	1.13	1.20	1.20	1.20	1.21	1.20	
8437.	11.59	2.48	1.09	1.18	1.15	1.11	1.12	1.18	1.19	1.20	1.18	1.18	
8471.	11.69	2.49	1.11	1.19	1.16	1.12	1.14	1.19	1.19	1.21	1.19	1.18	
		1.44											
8058.	15.43	.74	1.53	1.49	1.55	1.53	1.54	1.54	1.49	1.58	1.50	1.69	END OF
8090.	15.40	.72	1.53	1.49	1.55	1.53	1.54	1.54	1.49	1.57	1.50	1.68	CHARGE
8124.	15.46	.68	1.54	1.45	1.55	1.54	1.54	1.55	1.49	1.55	1.50	1.69	
8154.	15.46	.75	1.54	1.49	1.55	1.54	1.54	1.55	1.50	1.58	1.50	1.69	
8204.	15.50	.76	1.54	1.50	1.55	1.54	1.55	1.55	1.50	1.58	1.51	1.70	
8247.	15.44	.74	1.54	1.50	1.55	1.54	1.54	1.54	1.50	1.57	1.50	1.69	
8280.	15.59	.82	1.55	1.51	1.55	1.55	1.55	1.56	1.51	1.60	1.52	1.71	
8312.	15.56	.79	1.55	1.47	1.56	1.55	1.55	1.56	1.51	1.57	1.52	1.71	
8351.	15.53	.81	1.54	1.50	1.55	1.54	1.55	1.56	1.50	1.59	1.51	1.70	
8377.	15.49	.66	1.55	1.50	1.56	1.54	1.55	1.55	1.50	1.58	1.51	1.69	
8406.	15.54	.68	1.55	1.45	1.55	1.54	1.56	1.57	1.51	1.57	1.52	1.70	
8437.	15.56	.65	1.56	1.48	1.58	1.55	1.55	1.56	1.49	1.61	1.50	1.69	
8471.	15.55	.75	1.55	1.50	1.56	1.55	1.55	1.56	1.50	1.60	1.51	1.70	

PACK NO. 1 DEPTH OF DISCHARGE 25 TEST TEMPERATURE 25 C
SONOTONE 5 A.H. PERCENT OF RECHARGE 125 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 2.50	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
7788.	7.96	2.51	.00	1.14	1.13	.00	1.07	.00	1.17	1.17	1.16	1.14	END OF
7818.	7.96	2.52	.00	1.17	1.13	.00	1.06	.00	1.17	1.17	1.15	1.13	DISCHARGE
7854.	7.99	2.53	.00	1.13	1.13	.00	1.06	.00	1.17	1.17	1.15	1.14	
7882.	7.95	2.52	.00	1.18	1.13	.00	1.05	.00	1.17	1.17	1.14	1.13	
7934.	7.96	2.51	.00	1.18	1.13	.00	1.05	.00	1.17	1.17	1.14	1.13	
7990.	7.90	2.51	.00	1.17	1.12	.00	1.04	.00	1.17	1.17	1.13	1.12	
8004.	7.90	2.52	.00	1.17	1.12	.00	1.04	.00	1.16	1.17	1.13	1.12	
8042.	7.96	2.51	.00	1.15	1.13	.00	1.05	.00	1.17	1.17	1.14	1.13	
8073.	7.89	2.50	.00	1.17	1.12	.00	1.04	.00	1.17	1.17	1.13	1.12	
8105.	7.95	2.51	.00	1.18	1.13	.00	1.05	.00	1.17	1.17	1.14	1.12	
8134.	7.96	2.51	.00	1.18	1.13	.00	1.05	.00	1.17	1.17	1.14	1.13	
8167.	7.90	2.50	.00	1.17	1.12	.00	1.04	.00	1.17	1.17	1.13	1.12	
8201.	8.03	2.49	.00	1.05	1.15	.00	1.03	.00	1.19	1.15	1.16	1.16	
		1.56											
7788.	10.49	1.57	.00	1.43	1.48	.00	1.55	.00	1.50	1.50	1.51	1.51	END OF
7818.	10.47	1.56	.00	1.46	1.47	.00	1.53	.00	1.50	1.51	1.50	1.49	CHARGE
7854.	10.45	1.57	.00	1.45	1.47	.00	1.54	.00	1.49	1.49	1.50	1.49	
7882.	10.48	1.56	.00	1.47	1.48	.00	1.55	.00	1.50	1.51	1.51	1.50	
7934.	10.43	1.56	.00	1.46	1.47	.00	1.53	.00	1.50	1.50	1.50	1.49	
7990.	10.45	1.56	.00	1.47	1.48	.00	1.54	.00	1.50	1.51	1.50	1.50	
8004.	10.44	1.56	.00	1.46	1.48	.00	1.54	.00	1.50	1.50	1.49	1.49	
8042.	10.49	1.56	.00	1.46	1.48	.00	1.55	.00	1.50	1.50	1.51	1.50	
8073.	10.47	1.56	.00	1.47	1.48	.00	1.54	.00	1.50	1.51	1.50	1.50	
8105.	10.47	1.56	.00	1.47	1.48	.00	1.55	.00	1.50	1.51	1.50	1.50	
8134.	10.50	1.56	.00	1.46	1.48	.00	1.54	.00	1.51	1.51	1.51	1.50	
8167.	10.43	1.48	.00	1.46	1.48	.00	1.53	.00	1.50	1.50	1.50	1.49	
8201.	10.46	1.37	.00	1.46	1.48	.00	1.54	.00	1.50	1.50	1.51	1.50	

PACK NO. 25 DEPTH OF DISCHARGE 15 TEST TEMPERATURE 40 C
SONOTONE 5 A.H. PERCENT OF RECHARGE 160 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 1.50	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
7474.	8.77	1.49	1.07	1.08	1.11	.00	.00	.99	1.15	1.14	1.10	1.12	END OF
7504.	8.80	1.49	1.07	1.10	1.11	.00	.00	1.00	1.15	1.15	1.11	1.12	DISCHARGE
7540.	8.76	1.51	1.05	1.06	1.11	.00	.00	.99	1.15	1.14	1.10	1.11	
7568.	8.79	1.49	1.05	1.11	1.11	.00	.00	1.01	1.15	1.15	1.11	1.11	
7620.	8.70	1.50	1.02	1.10	1.10	.00	.00	.99	1.15	1.15	1.10	1.09	
7632.	8.59	1.49	1.00	1.09	1.10	.00	.00	.97	1.14	1.14	1.09	1.08	
7676.	8.48	1.51	.89	1.09	1.10	.00	.00	.96	1.14	1.14	1.09	1.09	
7690.	8.38	1.51	.79	1.09	1.10	.00	.00	.96	1.14	1.14	1.08	1.08	
7727.	9.11	1.50	1.05	1.12	1.16	.00	.00	1.02	1.20	1.19	1.17	1.19	
7729.	7.85	1.49	.08	1.11	1.14	.00	.00	1.02	1.18	1.19	1.15	1.17	
7761.	7.79	1.50	.00	1.09	1.12	.00	.00	1.00	1.17	1.17	1.12	1.15	
7790.	7.85	1.50	.00	1.11	1.12	.00	.00	1.03	1.17	1.16	1.12	1.15	
7823.	7.64	1.50	.00	1.09	1.10	.00	.00	.97	1.14	1.15	1.09	1.12	
7857.	7.38	1.50	.00	.90	1.07	.00	.00	.93	1.13	1.08	1.05	1.10	
		1.20											
7474.	11.62	.54	1.45	1.39	1.43	.00	.00	1.47	1.41	1.43	1.43	1.62	END OF
7504.	11.61	.54	1.44	1.42	1.42	.00	.00	1.46	1.41	1.45	1.42	1.61	CHARGE
7540.	11.64	.55	1.44	1.41	1.42	.00	.00	1.47	1.41	1.43	1.42	1.62	
7568.	11.63	.56	1.45	1.43	1.42	.00	.00	1.47	1.41	1.45	1.42	1.62	
7620.	11.62	.52	1.44	1.42	1.42	.00	.00	1.47	1.41	1.44	1.42	1.61	
7632.	11.61	.52	1.44	1.42	1.42	.00	.00	1.47	1.41	1.45	1.42	1.61	
7676.	11.63	.52	1.43	1.43	1.43	.00	.00	1.48	1.41	1.45	1.42	1.62	
7690.	11.64	.53	1.43	1.42	1.42	.00	.00	1.47	1.41	1.45	1.42	1.62	
7727.	11.91	1.01	1.46	1.44	1.46	.00	.00	1.57	1.43	1.45	1.45	1.63	
7729.	11.73	.98	1.38	1.45	1.45	.00	.00	1.57	1.42	1.46	1.44	1.59	
7761.	10.18	.71	.00	1.43	1.43	.00	.00	1.51	1.42	1.46	1.43	1.55	
7790.	10.25	.59	.00	1.44	1.45	.00	.00	1.52	1.43	1.45	1.44	1.54	
7823.	10.18	.55	.00	1.44	1.44	.00	.00	1.50	1.42	1.46	1.43	1.53	
7857.	10.23	.46	.00	1.44	1.45	.00	.00	1.50	1.44	1.46	1.44	1.53	

PACK NO. 53 DEPTH OF DISCHARGE 15 TEST TEMPERATURE 0 C
SONOTONE 5 A.H. PERCENT OF RECHARGE 115 ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 1.50	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
3908.	12.47	1.50	1.22	1.24	1.25	1.25	1.25	1.25	1.25	1.27	1.26	1.25	END OF
3937.	12.38	1.50	1.21	1.23	1.24	1.24	1.24	1.24	1.24	1.26	1.25	1.23	DISCHARGE
3970.	12.40	1.50	1.22	1.23	1.24	1.24	1.24	1.25	1.25	1.26	1.25	1.22	
4000.	12.39	1.50	1.21	1.23	1.24	1.24	1.24	1.24	1.24	1.26	1.25	1.24	
4035.	12.39	1.50	1.21	1.23	1.24	1.24	1.24	1.24	1.24	1.26	1.25	1.24	
4067.	12.43	1.50	1.22	1.19	1.25	1.25	1.25	1.25	1.25	1.25	1.26	1.23	
4096.	12.36	1.50	1.21	1.23	1.24	1.24	1.24	1.24	1.24	1.26	1.25	1.22	
		.35											
3908.	15.65	.27	1.55	1.55	1.53	1.58	1.54	1.51	1.56	1.68	1.55	1.63	END OF
3937.	15.57	.22	1.53	1.54	1.51	1.57	1.52	1.49	1.58	1.68	1.55	1.61	CHARGE
3970.	15.54	.25	1.54	1.54	1.52	1.58	1.54	1.50	1.56	1.68	1.55	1.56	
4000.	15.61	.24	1.54	1.54	1.52	1.58	1.53	1.50	1.56	1.68	1.54	1.63	
4035.	15.58	.24	1.54	1.54	1.52	1.58	1.53	1.50	1.56	1.68	1.54	1.61	
4067.	15.74	.23	1.54	1.50	1.54	1.60	1.56	1.52	1.59	1.67	1.57	1.64	
4096.	15.73	.23	1.52	1.54	1.53	1.60	1.56	1.51	1.60	1.68	1.59	1.63	

PACK NO. 54 DEPTH OF DISCHARGE 25 TEST TEMPERATURE 0 C
SONOTONE 5 A.H. PERCENT OF RECHARGE 115 ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 2.50	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
3934.	11.74	2.50	1.18	1.17	1.05	1.16	1.20	1.20	1.18	1.21	1.20	1.20	END OF
3966.	11.81	2.50	1.19	1.17	1.08	1.16	1.20	1.20	1.19	1.21	1.20	1.20	DISCHARGE
4003.	11.68	2.50	1.18	1.16	1.04	1.15	1.19	1.19	1.18	1.20	1.19	1.19	
4065.	11.65	2.49	1.18	1.16	1.03	1.15	1.19	1.19	1.18	1.20	1.19	1.19	
4094.	11.56	2.49	1.18	1.06	.95	1.15	1.20	1.20	1.18	1.19	1.21	1.21	
		.58											
3934.	15.77	.39	1.50	1.63	1.64	1.51	1.52	1.63	1.67	1.68	1.52	1.49	END OF
3966.	15.43	.43	1.50	1.53	1.54	1.51	1.52	1.58	1.60	1.64	1.52	1.50	CHARGE
4003.	15.51	.40	1.51	1.54	1.54	1.52	1.52	1.59	1.63	1.67	1.52	1.50	
4065.	15.55	.40	1.51	1.54	1.55	1.52	1.52	1.60	1.66	1.67	1.52	1.50	
4094.	15.86	.35	1.52	1.50	1.58	1.54	1.56	1.66	1.72	1.70	1.55	1.54	

PACK NO. 5 DEPTH OF DISCHARGE 25 TEST TEMPERATURE 25 C
SONOTONE 5 A.H. PERCENT OF RECHARGE 125 ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 2.50	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
3920.	11.03	2.49	1.15	.76	1.04	1.14	1.15	1.15	1.17	1.17	1.16	1.15	END OF DISCHARGE
3950.	10.95	2.50	1.14	.74	1.04	1.13	1.15	1.15	1.16	1.16	1.16	1.13	
3983.	10.98	2.49	1.14	.72	1.04	1.14	1.15	1.15	1.17	1.17	1.16	1.14	
4013.	10.82	2.48	1.14	.63	1.03	1.13	1.15	1.15	1.16	1.16	1.16	1.14	
4048.	10.76	2.48	1.14	.58	1.02	1.13	1.15	1.15	1.16	1.16	1.16	1.13	
4080.	10.79	2.48	1.14	.53	1.03	1.13	1.16	1.16	1.17	1.15	1.17	1.14	
4109.	10.66	2.48	1.14	.48	1.01	1.13	1.15	1.15	1.16	1.16	1.16	1.13	
		.62											
3920.	14.30	.62	1.42	1.45	1.44	1.43	1.42	1.43	1.43	1.45	1.43	1.42	END OF CHARGE
3950.	14.27	.62	1.42	1.45	1.44	1.42	1.42	1.43	1.42	1.45	1.42	1.42	
3983.	14.29	.61	1.42	1.45	1.44	1.42	1.42	1.43	1.43	1.45	1.42	1.42	
4013.	14.27	.62	1.42	1.44	1.44	1.42	1.42	1.42	1.42	1.45	1.42	1.42	
4048.	14.30	.61	1.42	1.45	1.44	1.43	1.42	1.43	1.43	1.45	1.43	1.42	
4080.	14.32	.62	1.42	1.41	1.44	1.43	1.43	1.44	1.43	1.43	1.43	1.43	
4109.	14.28	.61	1.42	1.45	1.44	1.43	1.42	1.43	1.43	1.45	1.42	1.42	

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PACK NO. 6 DEPTH OF DISCHARGE 40 TEST TEMPERATURE 25 C
SONOTONE 5 A.H. PERCENT OF RECHARGE 125 ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 4.00	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
3834.	6.68	3.94	1.14	1.13	1.15	.00	1.15	1.12	1.00	.00	.00	.00	END OF
3866.	6.68	3.94	1.14	1.13	1.15	.00	1.15	1.12	.99	.00	.00	.00	DISCHARGE
3903.	6.57	3.92	1.13	1.11	1.14	.00	1.14	1.10	.94	.00	.00	.00	
3955.	6.59	3.89	1.13	1.12	1.14	.00	1.15	1.11	.94	.00	.00	.00	
3994.	6.59	3.90	1.14	1.05	1.15	.00	1.16	1.12	.92	.00	.00	.00	
		1.00											
3834.	9.26	.99	1.50	1.55	1.48	.00	1.62	1.51	1.59	.00	.00	.00	END OF
3866.	9.25	.99	1.50	1.51	1.48	.00	1.64	1.52	1.60	.00	.00	.00	CHARGE
3903.	9.17	.98	1.50	1.51	1.48	.00	1.62	1.51	1.53	.00	.00	.00	
3955.	9.28	.96	1.50	1.50	1.49	.00	1.64	1.53	1.60	.00	.00	.00	
3994.	9.30	1.01	1.51	1.50	1.49	.00	1.64	1.55	1.59	.00	.00	.00	

PACK NO. 29 DEPTH OF DISCHARGE 15 TEST TEMPERATURE 40 C
SONOTONE 5 A.H. PERCENT OF RECHARGE 160 ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 1.50	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
3824.	10.27	1.48	.00	1.20	1.19	1.16	1.16	1.15	1.15	.95	1.13	1.18	END OF
3854.	10.17	1.49	.00	1.20	1.18	1.13	1.15	1.14	1.14	.93	1.12	1.17	DISCHARGE
3887.	10.16	1.48	.00	1.20	1.19	1.12	1.15	1.15	1.14	.92	1.12	1.18	
3917.	10.11	1.49	.00	1.19	1.19	1.11	1.15	1.14	1.13	.92	1.12	1.17	
3952.	10.06	1.48	.00	1.19	1.18	1.09	1.14	1.13	1.12	.91	1.12	1.18	
3984.	10.27	1.48	.00	1.14	1.20	1.15	1.16	1.17	1.13	.97	1.14	1.19	
		.48											
3824.	12.48	.47	.00	1.39	1.37	1.37	1.38	1.37	1.39	1.45	1.40	1.39	END OF
3854.	12.49	.48	.00	1.39	1.37	1.36	1.38	1.37	1.39	1.45	1.40	1.38	CHARGE
3887.	12.48	.47	.00	1.39	1.37	1.36	1.38	1.38	1.40	1.45	1.40	1.38	
3917.	12.50	.47	.00	1.39	1.38	1.36	1.38	1.37	1.39	1.45	1.40	1.38	
3952.	12.50	.47	.00	1.39	1.38	1.36	1.39	1.37	1.40	1.46	1.40	1.39	
3984.	12.68	.46	.00	1.36	1.39	1.39	1.41	1.40	1.42	1.46	1.42	1.41	

PACK NO. 30
SONOTONE 5 A.H.

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 160

TEST TEMPERATURE 40 C
ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 2.50	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
3720.	5.30	2.37	.67	.91	1.09	.00	1.06	1.11	.00	.00	.00	.96	END OF
3751.	5.59	2.23	.75	.80	1.05	.00	1.02	1.11	.00	.00	.00	.84	DISCHARGE
3752.	6.24	2.48	.93	.94	1.10	.00	1.07	1.13	.00	.00	.00	1.09	
3789.	5.90	2.39	.81	.86	1.06	.00	1.04	1.10	.00	.00	.00	1.02	
3880.	6.10	2.44	.84	.79	1.13	.00	1.08	1.17	.00	.00	.00	1.03	
		.80											
3720.	8.72	.79	1.41	1.41	1.52	.00	1.45	1.47	.00	.00	.00	1.44	END OF
3751.	8.68	.69	1.40	1.41	1.43	.00	1.41	1.57	.00	.00	.00	1.44	CHARGE
3752.	8.63	.80	1.40	1.40	1.50	.00	1.42	1.46	.00	.00	.00	1.45	
3789.	8.63	.79	1.40	1.40	1.46	.00	1.41	1.49	.00	.00	.00	1.45	
3880.	8.96	.78	1.43	1.43	1.51	.00	1.46	1.50	.00	.00	.00	1.51	

PACK NO. 41
CELLS S.A.H.

DEPTH OF DISCHARGE 1.
PERCENT OF RECHARGE 115

TEST TEMPERATURE 0 C
REST PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 1.80	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
7211.	6.60	1.80	.72	1.19	1.05	.00	.00	.00	1.22	1.22	1.23	.00	END OF DISCHARGE
7241.	6.63	1.80	.72	1.20	1.07	.00	.00	.00	1.21	1.22	1.22	.00	
7277.	6.60	1.80	.67	1.16	1.05	.00	.00	.00	1.21	1.22	1.23	.00	
7305.	6.62	1.80	.71	1.22	1.04	.00	.00	.00	1.21	1.22	1.22	.00	
7357.	6.58	1.80	.69	1.22	1.03	.00	.00	.00	1.21	1.22	1.22	.00	
7369.	6.55	1.80	.68	1.23	1.01	.00	.00	.00	1.20	1.22	1.22	.00	
7413.	6.50	1.80	.66	1.23	.99	.00	.00	.00	1.20	1.21	1.22	.00	
7427.	6.49	1.80	.65	1.23	.98	.00	.00	.00	1.20	1.21	1.21	.00	
7465.	6.48	1.79	.65	1.18	.98	.00	.00	.00	1.21	1.22	1.22	.00	
7496.	6.44	1.79	.66	1.22	.95	.00	.00	.00	1.20	1.21	1.22	.00	
7528.	6.39	1.80	.59	1.23	.96	.00	.00	.00	1.21	4.19	1.23	.00	
7557.	6.42	1.79	.60	1.21	.97	.00	.00	.00	1.20	1.21	1.22	.00	
7590.	6.44	1.79	.73	1.22	.90	.00	.00	.00	1.21	3.91	1.23	.00	
7624.	6.66	1.79	.70	1.12	1.02	.00	.00	.00	1.22	1.19	1.24	.00	
		1.04											
7211.	9.26	.56	1.71	1.36	1.52	.00	.00	.00	1.53	1.52	1.61	.00	END OF CHARGE
7241.	9.24	.55	1.69	1.39	1.51	.00	.00	.00	1.52	1.54	1.61	.00	
7277.	9.25	.53	1.70	1.40	1.51	.00	.00	.00	1.52	1.51	1.59	.00	
7305.	9.29	.53	1.72	1.41	1.51	.00	.00	.00	1.53	1.52	1.62	.00	
7357.	9.25	.53	1.70	1.41	1.51	.00	.00	.00	1.52	1.52	1.60	.00	
7369.	9.26	.53	1.70	1.43	1.51	.00	.00	.00	1.52	1.52	1.60	.00	
7413.	9.25	.51	1.70	1.44	1.51	.00	.00	.00	1.52	1.52	1.59	.00	
7427.	9.27	.51	1.69	1.44	1.51	.00	.00	.00	1.52	1.52	1.59	.00	
7465.	9.27	.51	1.70	1.41	1.51	.00	.00	.00	1.52	1.51	1.61	.00	
7496.	9.22	.53	1.69	1.43	1.51	.00	.00	.00	1.52	1.52	1.59	.00	
7528.	9.26	.50	1.70	1.45	1.50	.00	.00	.00	1.52	1.52	1.60	.00	
7557.	9.25	.55	1.70	1.42	1.51	.00	.00	.00	1.52	1.51	1.58	.00	
7590.	9.24	.54	1.70	1.45	1.50	.00	.00	.00	1.51	1.51	1.60	.00	
7624.	9.27	.54	1.70	1.47	1.50	.00	.00	.00	1.52	1.52	1.59	.00	

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PACK NO. 62 DEPTH OF DISCHARGE 25 TEST TEMPERATURE 0 C
CELL ON A.H. PERCENT OF RECHARGE 115 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 3.00	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
7688.	8.24	3.00	1.19	1.11	1.16	.00	.00	1.16	1.17	1.18	1.20	.00	END OF
7720.	8.17	3.01	1.19	1.17	1.15	.00	.00	1.15	1.17	1.18	1.19	.00	DISCHARGE
7754.	8.21	3.02	1.19	1.11	1.16	.00	.00	1.15	1.17	1.18	1.19	.00	
7784.	8.15	3.02	1.18	1.16	1.15	.00	.00	1.15	1.16	1.18	1.18	.00	
7834.	8.15	3.01	1.19	1.15	1.15	.00	.00	1.15	1.16	1.18	1.18	.00	
7877.	8.10	3.01	1.18	1.15	1.14	.00	.00	1.14	1.15	1.18	1.18	.00	
7910.	8.10	3.02	1.18	1.15	1.14	.00	.00	1.14	1.15	1.18	1.18	.00	
7942.	8.13	3.02	1.18	1.14	1.15	.00	.00	1.14	1.15	1.17	1.19	.00	
7981.	8.05	3.02	1.18	1.14	1.14	.00	.00	1.13	1.14	1.17	1.19	.00	
8007.	8.07	3.02	1.18	1.15	1.14	.00	.00	1.13	1.14	1.17	1.18	.00	
8067.	8.09	3.02	1.18	1.16	1.13	.00	.00	1.14	1.15	1.18	1.18	.00	
		1.72											
7688.	10.86	.70	1.54	1.58	1.55	.00	.00	1.63	1.52	1.56	1.50	.00	END OF
7720.	10.87	.69	1.54	1.59	1.55	.00	.00	1.64	1.53	1.55	1.50	.00	CHARGE
7754.	10.91	.69	1.53	1.60	1.55	.00	.00	1.65	1.53	1.53	1.50	.00	
7784.	10.88	.71	1.54	1.59	1.55	.00	.00	1.65	1.53	1.55	1.50	.00	
7834.	10.89	.68	1.54	1.60	1.55	.00	.00	1.64	1.53	1.55	1.50	.00	
7877.	10.90	.67	1.54	1.61	1.55	.00	.00	1.63	1.53	1.55	1.50	.00	
7910.	10.89	.66	1.54	1.60	1.56	.00	.00	1.65	1.53	1.55	1.50	.00	
7942.	10.91	.68	1.54	1.60	1.56	.00	.00	1.64	1.53	1.54	1.51	.00	
7981.	10.88	.69	1.54	1.60	1.55	.00	.00	1.63	1.53	1.55	1.50	.00	
8007.	10.89	.66	1.54	1.61	1.57	.00	.00	1.63	1.52	1.55	1.50	.00	
8067.	10.89	.69	1.53	1.61	1.57	.00	.00	1.65	1.51	1.54	1.49	.00	

PACK NO. 55
GULTON 6 A.H.

DEPTH OF DISCHARGE 15
PERCENT OF RECHARGE 115

TEST TEMPERATURE 0 C
ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 1.80	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
4069.	12.32	1.82	1.23	1.24	1.23	1.24	1.24	1.26	1.21	1.24	1.24	1.1	END OF
4102.	12.28	1.81	1.23	1.24	1.23	1.23	1.24	1.25	1.21	1.24	1.24	1.1	DISCHARGE
4132.	12.30	1.31	1.23	1.24	1.23	1.24	1.24	1.26	1.21	1.24	1.24	1.1	
4167.	12.30	1.81	1.23	1.24	1.23	1.24	1.24	1.26	1.21	1.25	1.24	1.1	
4199.	12.36	1.81	1.24	1.18	1.24	1.25	1.25	1.27	1.22	1.24	1.26	1.1	
4228.	12.28	1.81	1.23	1.24	1.23	1.24	1.23	1.25	1.21	1.24	1.24	1.1	
		.41											
4069.	15.45	.38	1.58	1.56	1.53	1.52	1.50	1.51	1.61	1.52	1.50	1.5	END OF
4102.	15.54	.34	1.61	1.61	1.53	1.52	1.51	1.49	1.63	1.52	1.50	1.5	CHARGE
4132.	15.53	.36	1.60	1.55	1.54	1.51	1.51	1.52	1.63	1.53	1.50	1.5	
4167.	15.48	.35	1.59	1.56	1.54	1.52	1.51	1.51	1.62	1.53	1.50	1.5	
4199.	15.58	.34	1.61	1.53	1.55	1.52	1.52	1.53	1.64	1.51	1.51	1.5	
4228.	15.53	.36	1.60	1.59	1.53	1.52	1.51	1.51	1.64	1.52	1.50	1.5	

PACK NO. 66
FULTON 6 A.H.

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 115

TEST TEMPERATURE 0 C
ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 3.00	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
[illegible]	5.[illegible]4	3.03	1.1[illegible]	1.19	.00	1.11	.00	.00	.00	.00	1.19	1.21	END OF
3738.	5.[illegible]2	3.02	1.1[illegible]	1.19	.00	1.11	.00	.00	.00	.00	1.18	1.1[illegible]	DISCHARGE
3887.	5.7[illegible]	3.02	1.15	1.19	.00	1.11	.00	.00	.00	.00	1.17	1.1	
3916.	5.81	3.01	1.16	1.15	.00	1.11	.00	.00	.00	.00	1.18	1.2[illegible]	
		.69											
3754.	7.78	.68	1.57	1.57	.00	1.55	.00	.00	.00	.00	1.57	1.5[illegible]	END OF
3738.	7.77	.68	1.57	1.57	.00	1.55	.00	.00	.00	.00	1.57	1.5[illegible]	CHARGE
3887.	7.79	.67	1.58	1.58	.00	1.55	.00	.00	.00	.00	1.58	1.52	
3916.	7.[illegible]7	.67	1.59	1.60	.00	1.56	.00	.00	.00	.00	1.59	1.5[illegible]	

PACK NO. 42 DEPTH OF DISCHARGE 25 TEST TEMPERATURE 40 C
GULTON 6 A.H. PERCENT OF RECHARGE 150 ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 1.00	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
3573.	5.41	2.93	.00	1.09	.78	.83	1.08	.63	.00	.09	.00	1.00	END OF
3605.	5.27	2.87	.00	1.10	.73	.83	1.08	.51	.00	.00	.00	1.03	DISCHARGE
3619.	5.02	2.74	.00	1.09	.68	.82	1.06	.36	.00	.00	.00	1.02	
3655.	4.88	2.62	.00	1.16	.84	.95	.84	.01	.00	.00	.00	1.09	
3684.	4.99	2.65	.00	1.11	1.01	.99	.73	.00	.00	.00	.00	1.09	
		.96											
3573.	8.72	.87	.00	1.46	1.41	1.48	1.42	1.47	.00	.00	.00	1.48	END OF
3605.	8.74	.85	.00	1.46	1.39	1.50	1.42	1.48	.00	.00	.00	1.48	CHARGE
3619.	8.78	.82	.00	1.46	1.39	1.51	1.43	1.50	.00	.00	.00	1.49	
3655.	7.28	.93	.00	1.47	1.42	1.51	1.41	.01	.00	.00	.00	1.47	
3684.	7.50	.81	.00	1.59	1.42	1.55	1.42	.01	.00	.00	.00	1.51	

PACK NO. 110
G.E. 12 A.H.

DEPTH OF DISCHARGE 15
PERCENT OF RECHARGE 115

TEST TEMPERATURE 0 C
ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 3.60	CELL VOLTAGES 1	2	3	4	5	
7714.	6.21	3.60	1.25	1.25	1.25	1.25	1.25	END OF DISCHARGE
7780.	6.19	3.60	1.25	1.25	1.24	1.24	1.25	
7808.	6.11	3.57	1.26	1.27	1.11	1.27	1.28	
7860.	6.20	3.60	1.25	1.25	1.25	1.24	1.24	
7872.	6.20	3.59	1.25	1.25	1.25	1.24	1.24	
7916.	6.19	3.59	1.24	1.24	1.25	1.24	1.24	
7930.	6.17	3.60	1.24	1.24	1.24	1.23	1.24	
7968.	6.18	3.58	1.25	1.24	1.25	1.25	1.25	
7999.	6.17	3.58	1.24	1.24	1.25	1.24	1.24	
8031.	6.15	3.58	1.24	1.24	1.24	1.23	1.23	
8060.	6.17	3.59	1.24	1.24	1.24	1.23	1.24	
8093.	6.13	3.58	1.23	1.23	1.23	1.23	1.23	
8127.	6.23	3.56	1.26	1.26	1.19	1.26	1.27	
		2.07						
7714.	7.73	1.09	1.57	1.57	1.53	1.55	1.53	END OF CHARGE
7780.	7.72	1.10	1.57	1.56	1.53	1.54	1.52	
7808.	7.78	1.10	1.58	1.57	1.55	1.56	1.55	
7860.	7.77	1.22	1.58	1.57	1.54	1.55	1.54	
7872.	7.77	1.16	1.58	1.58	1.54	1.56	1.54	
7916.	7.77	1.15	1.58	1.57	1.54	1.56	1.54	
7930.	7.76	1.08	1.58	1.57	1.53	1.55	1.53	
7968.	7.74	1.09	1.57	1.57	1.53	1.55	1.52	
7999.	7.74	1.07	1.58	1.57	1.53	1.55	1.53	
8031.	7.75	1.02	1.59	1.57	1.53	1.55	1.52	
8060.	7.73	1.10	1.57	1.56	1.53	1.54	1.51	
8093.	7.70	.88	1.57	1.56	1.52	1.55	1.51	
8127.	7.66	1.01	1.56	1.55	1.52	1.54	1.51	

PACK NO. 124
G.E. 12 A.H.

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 115

TEST TEMPERATURE 0 C
ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT	CELL VOLTAGES 1	2	3	4	5	
7481.	5.91	6.03	1.19	1.17	1.14	1.20	1.19	END OF DISCHARGE
7511.	5.89	6.04	1.19	1.20	1.14	1.19	1.1[illegible]	
7547.	5.99	6.05	1.19	1.15	1.15	1.19	1.19	
7575.	5.79	6.03	1.19	1.20	1.14	1.19	1.1[illegible]	
7627.	5.88	6.04	1.19	1.19	1.14	1.19	1.18	
7639.	5.86	6.03	1.19	1.19	1.13	1.19	1.18	
7683.	5.85	6.04	1.19	1.19	1.13	1.18	1.18	
7697.	5.84	6.04	1.18	1.19	1.13	1.18	1.17	
7766.	5.86	6.04	1.19	1.19	1.14	1.19	1.1[illegible]	
7780.	5.86	6.04	1.18	1.18	1.13	1.19	1.18	
7798.	5.87	6.04	1.19	1.19	1.13	1.19	1.18	
7827.	5.88	6.04	1.19	1.19	1.13	1.19	1.1[illegible]	
7860.	5.82	6.04	1.18	1.18	1.13	1.18	1.17	
7894.	5.99	6.00	1.20	1.07	1.16	1.21	1.19	
		3.45						
7481.	7.76	1.39	1.55	1.51	1.63	1.51	1.58	END OF CHARGE
7511.	7.73	1.44	1.55	1.51	1.62	1.49	1.59	
7547.	7.79	1.39	1.55	1.50	1.63	1.50	1.5[illegible]	
7575.	7.77	1.30	1.55	1.51	1.64	1.51	1.58	
7627.	7.77	1.35	1.56	1.50	1.63	1.50	1.59	
7639.	7.75	1.36	1.55	1.51	1.64	1.50	1.5[illegible]	
7683.	7.75	1.25	1.55	1.50	1.64	1.50	1.59	
7697.	7.76	1.29	1.56	1.50	1.64	1.50	1.59	
7766.	7.74	1.36	1.56	1.50	1.63	1.50	1.5[illegible]	
7780.	7.74	1.24	1.55	1.50	1.63	1.49	1.59	
7798.	7.74	1.32	1.55	1.49	1.63	1.49	1.59	
7827.	7.73	1.47	1.55	1.50	1.61	1.49	1.58	
7860.	7.74	1.14	1.54	1.49	1.[illegible]4	1.48	1.[illegible]0	
7894.	7.69	1.33	1.54	1.50	1.62	1.49	1.56	

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PACK NO. 22 DEPTH OF DISCHARGE 25 TEST TEMPERATURE 25 C
A.H. 12 A.H. PERCENT OF RECHARGE 12% ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 6.00	CELL VOLTAGES 1	2	3	4	5	
7722.	4.68	5.91	1.19	.00	1.16	1.19	1.1[illegible]	END OF DISCHARGE
7738.	4.69	5.83	1.19	.00	1.15	1.19	1.1[illegible]	
7816.	4.69	5.89	1.18	.00	1.14	1.19	1.1[illegible]	
7888.	4.64	5.93	1.18	.00	1.15	1.18	1.1[illegible]	
7880.	4.65	5.90	1.18	.00	1.16	1.18	1.1[illegible]	
7924.	4.62	5.84	1.17	.00	1.16	1.17	1.16	
7938.	4.60	5.85	1.17	.00	1.15	1.17	1.15	
7976.	4.62	5.84	1.17	.00	1.14	1.18	1.1[illegible]	
8007.	4.62	5.81	1.17	.00	1.1[illegible]	1.18	1.1[illegible]	
8039.	4.62	5.84	1.17	.00	1.1[illegible]	1.18	1.16	
8065.	4.59	5.85	1.17	.00	1.15	1.16	1.1[illegible]	
8101.	4.58	5.93	1.16	.00	1.14	1.16	1.14	
8135.	4.63	5.85	1.18	.00	1.[illegible]	1.19	1.1[illegible]	
		3.75						
7722.	5.91	3.2[illegible]	1.50	.00	1.[illegible]	1.48	1.4[illegible]	END OF CHARGE
7738.	5.95	3.[illegible]	1.50	.00	1.49	1.49	1.4[illegible]	
7816.	5.75	1.[illegible]	1.45	.00	1.[illegible]	1.45	1.4[illegible]	
7888.	5.95	3.[illegible]	1.51	.00	1.49	1.50	1.4[illegible]	
7880.	5.97	3.74	1.52	.00	1.[illegible]	1.50	1.4[illegible]	
7924.	5.97	3.[illegible]	1.52	.00	1.[illegible]	1.51	1.4[illegible]	
7938.	5.94	3.[illegible]	1.51	.00	1.49	1.50	1.47	
7976.	5.97	3.77	1.52	.00	1.49	1.51	1.47	
8007.	5.97	3.77	1.52	.00	1.[illegible]	1.51	1.4[illegible]	
8039.	5.95	3.7[illegible]	1.52	.00	1.[illegible]	1.50	1.4[illegible]	
8065.	5.90	3.76	1.51	.00	1.[illegible]	1.48	1.44	
8101.	5.94	3.70	1.52	.00	1.49	1.50	1.4[illegible]	
8135.	5.95	3.[illegible]	1.52	.00	1.[illegible]	1.50	1.4[illegible]	

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PACK NO. 85
C.E. 12 A.H.

DEPTH OF DISCHARGE 15
PERCENT OF RECHARGE 160

TEST TEMPERATURE 40 C
ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 3.60	CELL VOLTAGES 1	2	3	4	5	
7613.	5.76	3.50	1.18	1.14	1.14	1.15	1.17	END OF DISCHARGE
7690.	5.73	3.57	1.18	1.14	1.13	1.14	1.16	
7702.	5.75	3.46	1.18	1.15	1.13	1.15	1.17	
7741.	5.74	3.60	1.18	1.13	1.14	1.15	1.17	
7771.	5.66	3.63	1.16	1.12	1.12	1.14	1.16	
7793.	5.67	3.61	1.17	1.12	1.12	1.13	1.16	
7825.	5.70	3.54	1.18	1.12	1.12	1.16	1.17	
7868.	5.65	3.53	1.17	1.10	1.10	1.14	1.17	
7892.	5.67	3.54	1.17	1.10	1.11	1.15	1.17	
7921.	5.82	3.52	1.20	1.18	1.13	1.18	1.19	
7962.	5.59	3.48	1.17	1.11	1.08	1.12	1.16	
7990.	5.74	3.54	1.18	1.10	1.16	1.15	1.17	
		2.88						
7613.	7.12	2.90	1.44	1.42	1.44	1.43	1.43	END OF CHARGE
7690.	7.11	2.96	1.43	1.42	1.43	1.43	1.42	
7702.	7.09	2.91	1.43	1.41	1.43	1.43	1.42	
7741.	7.10	2.87	1.43	1.40	1.43	1.43	1.43	
7771.	7.23	2.88	1.46	1.43	1.46	1.46	1.45	
7793.	7.11	2.89	1.43	1.41	1.43	1.43	1.43	
7825.	7.09	2.88	1.43	1.39	1.43	1.43	1.42	
7868.	7.09	2.86	1.43	1.40	1.43	1.43	1.43	
7892.	7.18	2.86	1.45	1.42	1.44	1.45	1.44	
7921.	7.23	2.91	1.46	1.42	1.44	1.46	1.45	
7962.	7.14	2.86	1.45	1.41	1.43	1.44	1.44	
7990.	7.18	2.86	1.45	1.42	1.45	1.45	1.44	

PACK NO. 111
G.E. 12 A.H.

DEPTH OF DISCHARGE 15
PERCENT OF RECHARGE 115

TEST TEMPERATURE 0 C
ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 3.60	CELL VOLTAGES 1	2	3	4	5	
3885.	6.24	3.65	1.25	1.26	1.24	1.25	1.25	END OF DISCHARGE
3917.	6.22	3.61	1.25	1.25	1.24	1.25	1.24	
4016.	6.19	3.66	1.24	1.24	1.23	1.24	1.24	
4045.	6.16	3.64	1.25	1.25	1.22	1.25	1.24	
		.83						
3885.	7.83	.69	1.63	1.53	1.59	1.52	1.53	END OF CHARGE
3917.	7.72	.55	1.59	1.52	1.57	1.50	1.54	
4016.	7.73	.45	1.59	1.52	1.58	1.50	1.54	
4045.	7.76	.34	1.60	1.52	1.59	1.50	1.55	

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PACK NO. 125
G.E. 12 A.H.

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 115

TEST TEMPERATURE 0 C
ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 6.00	CELL VOLTAGES 1	2	3	4	5	
3867.	5.98	6.01	1.19	1.20	1.20	1.19	1.19	END OF DISCHARGE
3899.	5.97	5.97	1.19	1.20	1.20	1.19	1.19	
3998.	5.97	5.95	1.19	1.20	1.20	1.19	1.19	
4027.	5.95	5.93	1.18	1.13	1.19	1.19	1.19	
		1.38						
3867.	7.71	.63	1.58	1.56	1.57	1.52	1.50	END OF CHARGE
3899.	7.72	.58	1.58	1.55	1.58	1.51	1.50	
3998.	7.72	.53	1.58	1.56	1.59	1.51	1.50	
4027.	7.71	.40	1.58	1.56	1.56	1.52	1.50	

PACK NO. 83
S.E. 12 A.H.

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 125

TEST TEMPERATURE 25 C
ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 6.00	CELL VOLTAGES 1	2	3	4	5	
3942.	5.66	6.05	1.14	1.14	1.14	1.14	1.10	END OF DISCHARGE
3974.	5.67	6.02	1.15	1.14	1.14	1.14	1.10	
4073.	5.61	6.00	1.14	1.13	1.14	1.13	1.09	
4102.	5.62	5.99	1.15	1.14	1.14	1.15	1.10	
		1.50						
3942.	7.18	1.50	1.44	1.43	1.44	1.43	1.43	END OF CHARGE
3974.	7.18	1.51	1.44	1.43	1.44	1.43	1.42	
4073.	7.16	1.50	1.44	1.43	1.44	1.43	1.43	
4102.	7.20	1.50	1.44	1.43	1.44	1.44	1.43	

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PACK NO. 97
G.E. 12 A.H.

DEPTH OF DISCHARGE 40
PERCENT OF RECHARGE 125

TEST TEMPERATURE 25 C
ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 9.60	CELL VOLTAGES 1	2	3	4	5	
3930.	3.86	8.76	1.02	.00	.75	1.02	1.03	END OF DISCHARGE
4055.	3.12	9.71	1.06	.00	.00	1.00	1.04	
4084.	3.14	9.66	1.06	.00	.00	1.00	1.04	
		2.40						
3930.	5.95	.70	1.43	.00	1.56	1.50	1.44	END OF CHARGE
4055.	4.49	.90	1.47	.00	.00	1.53	1.48	
4084.	4.50	.98	1.48	.00	.00	1.53	1.49	

28

PACK NO. 86
C.E. 12 A.H.

DEPTH OF DISCHARGE 15
PERCENT OF RECHARGE 110

TEST TEMPERATURE 40 C
ORDER PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 3.60	CELL VOLTAGES 1	2	3	4	5	
3838.	5.57	3.60	1.14	1.09	1.11	1.13	1.11	END OF DISCHARGE
3870.	5.59	3.62	1.14	1.10	1.11	1.13	1.12	
3910.	5.52	3.59	1.13	1.08	1.10	1.12	1.10	
3934.	5.55	3.60	1.14	1.09	1.11	1.13	1.11	
3969.	5.56	3.58	1.14	1.10	1.11	1.13	1.11	
3998.	5.81	3.61	1.13	1.03	1.15	1.17	1.14	
4029.	5.62	3.62	1.14	1.11	1.12	1.14	1.12	
		1.15						
3838.	6.92	1.15	1.39	1.39	1.39	1.38	1.39	END OF CHARGE
3870.	6.92	1.15	1.39	1.39	1.39	1.38	1.39	
3910.	6.93	1.15	1.39	1.39	1.39	1.39	1.39	
3934.	6.93	1.16	1.39	1.39	1.39	1.39	1.39	
3969.	6.94	1.16	1.39	1.39	1.39	1.39	1.39	
3998.	7.02	1.15	1.41	1.41	1.40	1.40	1.41	
4029.	6.93	1.14	1.38	1.47	1.38	1.37	1.42	

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PACK NO. 100 DEPTH OF DISCHARGE 25 TEST TEMPERATURE 40 C
G.E. 12 A.H. PERCENT OF RECHARGE 160 ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 6.00	CELL VOLTAGES 1	2	3	4	5	
3701.	5.47	5.96	1.12	1.11	1.10	1.07	1.11	END OF DISCHARGE
3733.	5.47	5.97	1.12	1.10	1.11	1.08	1.09	
3773.	5.36	5.92	1.10	1.07	1.08	1.07	1.07	
3797.	5.42	5.94	1.11	1.09	1.10	1.08	1.08	
3832.	5.39	5.91	1.11	1.08	1.08	1.08	1.08	
3861.	5.71	5.98	1.16	1.15	1.06	1.17	1.18	
3892.	5.47	5.87	1.07	1.14	1.05	1.12	1.12	
		1.92						
3701.	7.02	1.95	1.41	1.42	1.41	1.41	1.40	END OF CHARGE
3733.	7.06	1.96	1.42	1.42	1.42	1.41	1.41	
3773.	7.09	1.95	1.42	1.43	1.43	1.42	1.42	
3797.	7.08	1.95	1.42	1.42	1.42	1.42	1.42	
3832.	7.11	1.94	1.43	1.43	1.43	1.43	1.43	
3861.	7.25	1.84	1.44	1.45	1.45	1.47	1.46	
3892.	7.13	1.93	1.39	1.45	1.45	1.42	1.41	

05

PACK NO. 24 DEPTH OF DISCHARGE 15 TEST TEMPERATURE 0 C
COULD 20 A.H. PERCENT OF RECHARGE 115 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 5.00	CELL VOLTAGES 1	2	3	4	5	
7694.	6.15	5.99	1.25	1.24	1.24	1.23	1.22	END OF DISCHARGE
7728.	6.19	5.99	1.25	1.19	1.24	1.23	1.22	
7758.	6.15	5.97	1.24	1.24	1.23	1.23	1.22	
7808.	6.16	6.01	1.25	1.24	1.23	1.23	1.22	
7850.	5.85	5.07	.88	1.24	1.23	1.23	1.22	
7914.	6.18	6.07	1.25	1.24	1.24	1.24	1.23	
7953.	6.19	6.00	1.25	1.25	1.24	1.24	1.24	
7979.	6.16	5.99	1.25	1.25	1.24	1.23	1.23	
8008.	6.25	5.97	1.26	1.14	1.26	1.25	1.24	
8039.	6.04	5.97	1.22	1.23	1.21	1.21	1.21	
8073.	6.17	5.98	1.25	1.25	1.24	1.24	1.23	
		3.45						
7694.	7.77	2.51	1.55	1.56	1.57	1.54	1.57	END OF CHARGE
7728.	7.78	2.58	1.54	1.56	1.55	1.54	1.56	
7758.	7.90	2.17	1.62	1.57	1.62	1.54	1.56	
7808.	7.85	2.45	1.57	1.57	1.57	1.54	1.57	
7850.	7.63	1.54	1.59	1.54	1.51	1.48	1.53	
7914.	7.74	2.28	1.54	1.56	1.55	1.52	1.55	
7953.	7.74	2.40	1.54	1.56	1.56	1.54	1.56	
7979.	7.73	2.28	1.53	1.55	1.55	1.53	1.55	
8008.	7.77	2.41	1.54	1.56	1.56	1.54	1.56	
8039.	7.87	1.79	1.58	1.60	1.63	1.48	1.59	
8073.	7.74	2.33	1.56	1.56	1.56	1.53	1.55	

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PACK NO. 9[illegible]
CELLS 25 A.H.

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 11[illegible]

TEST TEMPERATURE 0 C
ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 10.00	CELL VOLTAGES 1	2	3	4	5	
[illegible]55.	4.[illegible]5	9.92	1.12	1.22	1.13	1.19	.00	END OF DISCHARGE
[illegible]87.	4.[illegible]1	9.9[illegible]	1.11	1.21	1.15	1.1[illegible]	.00	
[illegible]21.	4.[illegible]1	9.90	1.11	1.21	1.1[illegible]	1.1[illegible]	.00	
[illegible]99.	4.[illegible]9	9.94	1.11	1.20	1.15	1.17	.00	
[illegible]35.	4.57	10.01	1.10	1.20	1.15	1.17	.00	
[illegible]07.	4.57	10.01	1.10	1.20	1.15	1.17	.00	
[illegible]49.	4.60	10.02	1.09	1.19	1.14	1.16	.00	
[illegible]72.	4.56	9.97	1.09	1.20	1.14	1.17	.00	
[illegible]01.	4.[illegible]1	9.92	1.11	1.21	1.10	1.19	.00	
7732.	4.50	9.99	1.[illegible]5	1.1[illegible]	1.11	1.14	.00	
[illegible]66.	4.[illegible]5	9.97	1.0[illegible]	1.19	1.12	1.15	.00	
		5.75						
[illegible]55.	6.1[illegible]	2.[illegible]4	1.5[illegible]	1.52	1.5[illegible]	1.5[illegible]	.00	END OF CHARGE
[illegible]37.	[illegible].19	2.9[illegible]	1.5[illegible]	1.5[illegible]	1.56	1.5[illegible]	.00	
[illegible]21.	6.16	2.89	1.57	1.[illegible]	1.5[illegible]	1.55	.00	
[illegible]99.	6.24	2.55	1.57	1.51	1.55	1.[illegible]2	.00	
[illegible]75.	6.1[illegible]	2.94	1.[illegible]	1.52	1.56	1.[illegible]7	.00	
[illegible]07.	6.17	2.91	1.55	1.52	1.55	1.5[illegible]	.00	
[illegible]49.	6.16	2.90	1.55	1.52	1.55	1.[illegible]6	.00	
[illegible]72.	6.1[illegible]	2.[illegible]6	1.5[illegible]	1.53	1.5[illegible]	1.[illegible]6	.00	
[illegible]01.	6.17	2.8[illegible]	1.5[illegible]	1.53	1.56	1.5[illegible]	.00	
[illegible]32.	6.15	2.67	1.55	1.49	1.53	1.[illegible]9	.00	
[illegible]66.	[illegible].11	3.2[illegible]	1.54	1.50	1.53	1.54	.00	

PACK NO. 30
GOULD 20 A.T.

DEPTH OF DISCHARGE 15
PERCENT OF RECHARGE 115

TEST TEMPERATURE 0 C
ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 6.00	CELL VOLTAGES 1	2	3	4	5	
3871.	6.22	6.06	1.26	1.25	1.22	1.27	1.2	END OF DISCHARGE
3901.	6.17	6.08	1.25	1.24	1.20	1.25	1.2	
3934.	6.22	6.11	1.26	1.25	1.21	1.26	1.2	
3963.	6.19	6.11	1.25	1.24	1.21	1.26	1.25	
3998.	6.18	6.13	1.25	1.24	1.21	1.26	1.25	
4030.	6.20	6.14	1.26	1.22	1.21	1.26	1.25	
		1.38						
3871.	7.70	1.05	1.51	1.58	1.56	1.53	1.54	END OF CHARGE
3901.	7.72	.98	1.51	1.59	1.57	1.52	1.5	
3934.	7.71	1.12	1.52	1.57	1.55	1.53	1.54	
3963.	7.71	1.14	1.50	1.57	1.55	1.53	1.54	
3998.	7.71	1.17	1.53	1.57	1.55	1.53	1.54	
4030.	7.72	1.16	1.53	1.57	1.55	1.53	1.54	

PACK NO. 94
GOULD 20 A.H.

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 115

TEST TEMPERATURE 0 C
ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 10.00	CELL VOLTAGES 1	2	3	4	5	
3717.	6.05	10.18	1.24	1.22	1.21	1.22	1.21	END OF DISCHARGE
3770.	6.05	10.11	1.24	1.22	1.20	1.23	1.21	
3800.	6.02	10.11	1.23	1.21	1.20	1.22	1.21	
3835.	6.01	10.08	1.23	1.21	1.20	1.22	1.21	
3867.	6.03	10.10	1.24	1.21	1.19	1.22	1.21	
		2.30						
3717.	7.77	1.31	1.51	1.50	1.60	1.58	1.59	END OF CHARGE
3770.	7.79	1.20	1.51	1.51	1.61	1.58	1.60	
3800.	7.76	1.29	1.51	1.51	1.59	1.58	1.59	
3835.	7.75	1.30	1.51	1.51	1.59	1.58	1.58	
3867.	7.75	1.30	1.51	1.51	1.59	1.58	1.57	

PACK NO. 105
GOULD 20 A.H.

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 125

TEST TEMPERATURE 25 C
ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 10.00	CELL VOLTAGES 1	2	3	4	5	
96.	5.79	9.9[illegible]	1.02	1.1[illegible]	1.1[illegible]	1.19	1.1[illegible]	END OF DISCHARGE
3728.	5.73	9.9[illegible]	.9[illegible]	1.17	1.18	1.19	1.17	
3826.	5.63	9.60	.9[illegible]	1.1[illegible]	1.17	1.1[illegible]	1.17	
3855.	5.67	9.89	.9[illegible]	1.10	1.1[illegible]	1.19	1.1[illegible]	
		2.50						
96.	7.26	2.52	1.37	1.4[illegible]	1.4[illegible]	1.4[illegible]	1.4[illegible]	END OF CHARGE
3728.	7.28	2.52	1.37	1.46	1.47	1.46	1.47	
3826.	7.23	1.21	1.42	1.44	1.45	1.44	1.44	
3855.	7.24	1.37	1.42	1.45	1.45	1.44	1.44	

PACK NO. 108
GOULD 20 A.H.

DEPTH OF DISCHARGE 15
PERCENT OF RECHARGE 160

TEST TEMPERATURE 40 C
ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 6.00	CELL VOLTAGES 1	2	3	4	5	
3708.	5.56	5.80	1.17	1.15	1.20	.93	1.19	END OF DISCHARGE
3741.	5.63	5.74	1.17	1.15	1.19	.95	1.19	
3770.	5.54	6.02	1.16	1.15	1.19	.88	1.18	
3796.	5.09	6.02	1.17	1.02	1.21	.09	1.16	
3812.	4.78	6.02	1.13	1.13	1.20	.00	1.19	
3841.	4.69	5.96	1.17	1.16	1.20	.00	1.20	
		1.92						
3708.	7.05	1.91	1.42	1.43	1.41	1.39	1.42	END OF CHARGE
3741.	7.02	1.85	1.41	1.44	1.40	1.39	1.41	
3770.	7.02	1.94	1.41	1.44	1.41	1.37	1.41	
3796.	7.07	1.93	1.42	1.46	1.41	1.37	1.42	
3812.	5.79	1.91	1.47	1.49	1.43	.00	1.43	
3841.	5.67	1.91	1.42	1.45	1.41	.00	1.41	

PACK NO. 71
REGION 2D

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 125

TEST TEMPERATURE 25 C
OF 15 PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CHARGE IN AH	CELL VOLTAGES 1	2	3	4	5	
15.	1.33	9.14	.00	1.09	.00	1.10	1.09	END OF DISCHARGE
209.	1.21	9.57	.00	1.12	.00	1.09	1.08	
1.	1.21	9.53	.00	1.12	.00	1.08	1.08	
13.	1.26	9.4	.00	1.11	.00	1.07	1.07	
17.	1.2	9.41	.00	1.11	.00	1.07	1.07	
27.		9.00	.00	1.17	.00	1.15	1.15	
1.	1.41	9.10	.00	1.16	.00	1.11	1.12	
99.	1.38	10.05	.00	1.17	.00	1.08	1.10	
1.		10.09	.00	1.17	.00	1.09	1.11	
21.	2.02	10.01	.00	1.04	.00	.58	1.07	
315.	4.45	6.25 4.1	.00	1.50	.00	1.46	1.48	END OF CHARGE
209.	4.77	3.00	.00	1.50	.00	1.46	1.47	
1.	4.5	3.12	.00	1.50	.00	1.45	1.46	
3.	4.5	3.91	.00	1.51	.00	1.46	1.47	
17.	4.32	3.15	.00	1.49	.00	1.45	1.46	
27.	4.12	4.22	.00	1.37	.00	1.38	1.37	
8.	4.6	4.15	.00	1.50	.00	1.46	1.48	
99.	4.42	2.74	.00	1.49	.00	1.45	1.45	
1.	4.51	2.45	.00	1.50	.00	1.45	1.47	
27.	4.1	4.2	.00	1.50	.00	1.44	1.50	

PACK NO. 76
GULTON 20 A.H.

DEPTH OF DISCHARGE 15
PERCENT OF RECHARGE 160

TEST TEMPERATURE 40 C
ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 6.00	CELL VOLTAGES 1	2	3	4	5	
7373.	5.25	6.03	1.13	.75	1.10	1.10	1.09	END OF DISCHARGE
7405.	5.25	5.95	1.13	.83	1.12	1.07	1.11	
7439.	5.20	6.00	1.13	.76	1.12	1.01	1.10	
7469.	5.18	5.96	1.13	.82	1.12	1.02	1.09	
7519.	5.12	6.04	1.13	.81	1.12	.97	1.09	
7562.	5.21	6.07	1.13	.80	1.13	1.07	1.09	
7592.	5.22	6.04	1.13	.82	1.13	1.07	1.09	
7624.	5.13	6.04	1.13	.79	1.13	.95	1.11	
7663.	4.96	6.03	1.12	.78	1.11	.85	1.08	
7689.	4.96	6.02	1.13	.78	1.13	.84	1.10	
7696.	4.42	6.04	1.16	.04	1.17	.95	1.13	
		4.80						
7373.	7.20	4.27	1.45	1.45	1.42	1.44	1.43	END OF CHARGE
7405.	7.25	4.41	1.46	1.47	1.44	1.44	1.42	
7439.	7.26	4.63	1.46	1.46	1.43	1.43	1.42	
7469.	7.25	4.45	1.46	1.47	1.43	1.43	1.42	
7519.	7.26	4.42	1.46	1.47	1.44	1.45	1.42	
7562.	7.28	4.48	1.46	1.47	1.44	1.44	1.42	
7592.	7.28	4.60	1.46	1.48	1.44	1.43	1.43	
7624.	7.24	4.25	1.45	1.47	1.44	1.42	1.42	
7663.	7.22	3.29	1.46	1.46	1.43	1.42	1.41	
7689.	7.40	4.84	1.51	1.51	1.47	1.43	1.45	
7696.	5.99	4.85	1.52	.05	1.48	1.45	1.45	

PACK NO. 102
CELL NO. 20 A.T.

DEPTH OF DISCHARGE 15
PERCENT OF RECHARGE 115

TEST TEMPERATURE 0 C
ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	AMPERES	CELL VOLTAGES 1	2	3	4	5	
3345.	4.97	5.00	1.25	.00	1.25	1.26	1.24	END OF DISCHARGE
3376.	4.97	5.01	1.24	.00	1.24	1.25	1.24	
3411.	4.95	5.02	1.24	.00	1.24	1.25	1.24	
3440.	4.94	5.01	1.23	.00	1.23	1.25	1.23	
3475.	4.95	5.01	1.24	.00	1.24	1.25	1.23	
3507.	4.96	5.01	1.25	.00	1.24	1.25	1.24	
		1.						
3546.	5.05	1.19	1.59	.00	1.61	1.43	1.43	END OF CHARGE
3579.	5.23	1.21	1.57	.00	1.59	1.50	1.57	
3611.	5.11	1.09	1.55	.00	1.56	1.49	1.55	
3640.	5.13	1.09	1.55	.00	1.56	1.49	1.55	
3675.	5.13	1.09	1.57	.00	1.57	1.50	1.57	
3707.	5.13	1.09	1.56	.00	1.55	1.49	1.55	

86

PACK NO. 116
GULTON 20 A.H.

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 115

TEST TEMPERATURE 0 C
ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 10.00	CELL VOLTAGES 1	2	3	4	5	
3504.	5.85	9.99	1.17	1.19	1.14	1.20	1.18	END OF DISCHARGE
3534.	5.84	10.03	1.18	1.18	1.14	1.20	1.17	
3567.	5.86	10.03	1.19	1.19	1.14	1.20	1.17	
3595.	5.84	10.06	1.19	1.19	1.13	1.20	1.17	
3630.	5.84	10.10	1.19	1.18	1.14	1.20	1.17	
3662.	5.87	10.01	1.20	1.19	1.13	1.21	1.18	
3691.	5.85	10.10	1.20	1.19	1.13	1.20	1.17	
		2.30						
3504.	7.65	1.77	1.41	1.58	1.58	1.57	1.54	END OF CHARGE
3534.	7.72	1.65	1.43	1.61	1.59	1.58	1.55	
3567.	7.78	1.71	1.44	1.62	1.60	1.60	1.55	
3595.	7.77	1.74	1.45	1.61	1.59	1.59	1.56	
3630.	7.77	1.78	1.45	1.61	1.59	1.59	1.56	
3662.	7.79	1.67	1.46	1.61	1.59	1.60	1.55	
3691.	7.77	1.67	1.48	1.61	1.59	1.58	1.55	

PACK NO. 77
GULTON 20 A.H.

DEPTH OF DISCHARGE 15
PERCENT OF RECHARGE 160

TEST TEMPERATURE 40 C
ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT	CELL VOLTAGES 1	2	3	4	5	
3655.	5.26	6.04	1.07	1.05	1.02	1.06	1.11	END OF DISCHARGE
3690.	5.30	6.04	1.06	1.06	1.03	1.07	1.11	
3788.	5.35	5.98	1.09	1.07	1.05	1.03	1.11	
3817.	5.61	5.99	1.14	1.07	1.12	1.13	1.15	
		1.98						
3655.	6.91	1.89	1.40	1.39	1.39	1.39	1.39	END OF CHARGE
3690.	6.92	1.91	1.40	1.39	1.39	1.39	1.39	
3788.	6.94	1.94	1.40	1.39	1.39	1.40	1.40	
3817.	7.04	1.93	1.42	1.41	1.40	1.41	1.42	

PACK NO. 91
GULTON 20 A.H.

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 160

TEST TEMPERATURE 40 C.
ORBIT PERIOD 3 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 10.00	CELL VOLTAGES 1	2	3	4	5	
3475.	3.19	9.99	1.07	1.09	.00	.00	1.0[illegible]	END OF DISCHARGE
3507.	3.27	10.02	1.10	1.11	.00	.00	1.09	
3604.	3.01	10.16	1.01	1.02	.00	.00	1.01	
3633.	3.20	10.13	1.07	1.10	.00	.00	1.08	
		3.20						
3475.	4.36	3.22	1.47	1.46	.00	.00	1.46	END OF CHARGE
3507.	4.31	2.87	1.45	1.45	.00	.00	1.45	
3604.	4.24	1.32	1.43	1.42	.00	.00	1.43	
3633.	4.30	.99	1.45	1.45	.00	.00	1.45	

PACK NO. 103
G.E. 5 A.H. NIMBUS

DEPTH OF DISCHARGE 15
PERCENT OF RECHARGE 110

TEST TEMPERATURE 0 C
ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 1.50	CELL VOLTAGES 1	2	3	4	5	
608.	6.15	1.54	1.22	1.17	1.23	1.23	1.23	END OF DISCHARGE
640.	6.12	1.55	1.22	1.23	1.23	1.23	1.23	
674.	6.13	1.55	1.22	1.17	1.22	1.22	1.22	
704.	6.13	1.54	1.22	1.23	1.23	1.23	1.22	
754.	6.16	1.50	1.23	1.23	1.23	1.23	1.23	
797.	6.14	1.51	1.22	1.23	1.23	1.23	1.22	
830.	6.13	1.51	1.23	1.23	1.23	1.23	1.23	
862.	6.14	1.51	1.22	1.22	1.23	1.23	1.23	
901.	6.13	1.50	1.23	1.23	1.23	1.23	1.23	
927.	6.11	1.50	1.22	1.22	1.22	1.23	1.22	
956.	6.17	1.50	1.23	1.12	1.24	1.24	1.23	
987.	6.11	1.50	1.22	1.22	1.22	1.22	1.22	
1021.	6.13	1.50	1.23	1.22	1.23	1.23	1.23	
		.83						
608.	7.37	.55	1.48	1.49	1.48	1.47	1.49	END OF CHARGE
640.	7.41	.50	1.49	1.49	1.49	1.48	1.47	
674.	7.39	.53	1.48	1.48	1.48	1.47	1.47	
704.	7.45	.55	1.49	1.49	1.50	1.49	1.48	
754.	7.46	.44	1.49	1.49	1.50	1.49	1.48	
797.	7.43	.44	1.49	1.49	1.50	1.48	1.48	
830.	7.44	.46	1.49	1.49	1.50	1.49	1.48	
862.	7.41	.43	1.48	1.49	1.49	1.48	1.48	
901.	7.46	.46	1.49	1.49	1.50	1.49	1.49	
927.	7.42	.45	1.49	1.49	1.49	1.48	1.48	
956.	7.42	.45	1.49	1.49	1.49	1.48	1.48	
987.	7.39	.45	1.49	1.49	1.50	1.48	1.48	
1021.	7.39	.46	1.49	1.48	1.50	1.48	1.48	

PACK NO. 107 DEPTH OF DISCHARGE 25 TEST TEMPERATURE 0 C
G.E. 5 A.H. NIMBUS PERCENT OF RECHARGE 110 ORBIT PERIOD 90 MIN

CYCLE NO.	PACK VOLTAGES	CURRENT 2.50	CELL VOLTAGES 1	2	3	4	5	1	2	3	4	5	
5.	6.14	2.55	1.22	1.22	1.23	1.22	1.22	21	.166	.00	.00	.00	END OF DISCHARGE
28.	6.18	2.51	1.21	1.16	1.22	1.22	1.22	19	.797	.00	.00	.00	
61.	6.06	2.54	1.20	1.21	1.21	1.21	1.21	18	.798	.00	.00	.00	
92.	6.08	2.44	1.21	1.21	1.21	1.21	1.21	18	.513	.00	.00	.00	
155.	6.04	2.44	1.21	1.21	1.21	1.21	1.21	16	.868	.00	.00	.00	
224.	6.02	2.49	1.20	1.19	1.20	1.20	1.20	15	.508	.00	.00	.00	
262.	6.01	2.49	1.20	1.20	1.20	1.20	1.20	14	.528	.00	.00	.00	
317.	6.01	2.48	1.20	1.20	1.20	1.20	1.20	13	.549	.00	.00	.00	
356.	5.97	2.49	1.19	1.19	1.19	1.19	1.19	13	.425	.00	.00	.00	
384.	6.01	2.50	1.20	1.20	1.20	1.20	1.20	12	.893	.00	.00	.00	
		1.38											
5.	7.38	.80	1.47	1.47	1.47	1.47	1.46	21	.613	.00	.00	.00	END OF CHARGE
28.	7.35	.88	1.46	1.46	1.46	1.47	1.45	20	.111	.00	.00	.00	
61.	7.35	.86	1.47	1.47	1.46	1.47	1.46	19	.378	.00	.00	.00	
92.	7.36	.71	1.47	1.47	1.47	1.48	1.46	19	.074	.00	.00	.00	
155.	7.33	.74	1.47	1.47	1.47	1.47	1.46	17	.362	.00	.00	.00	
224.	7.29	.83	1.46	1.46	1.46	1.46	1.46	15	.803	.00	.00	.00	
262.	7.30	.83	1.47	1.47	1.46	1.46	1.46	14	.966	.00	.00	.00	
317.	7.31	.83	1.47	1.47	1.46	1.46	1.46	14	.072	.00	.00	.00	
356.	7.26	.85	1.46	1.46	1.45	1.45	1.45	13	.853	.00	.00	.00	
384.	7.25	.86	1.46	1.46	1.45	1.45	1.44	13	.102	.00	.00	.00	

PSIA

PACK NO. 106 DEPTH OF DISCHARGE 15 TEST TEMPERATURE 25 C
G.E. 5 A.H. NIMBUS PERCENT OF RECHARGE 120 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 1.50	CELL VOLTAGES 1	2	3	4	5	
638.	6.14	1.47	1.24	1.23	1.23	1.24	1.24	END OF DISCHARGE
668.	6.12	1.47	1.23	1.22	1.24	1.23	1.23	
692.	6.12	1.48	1.23	1.23	1.23	1.23	1.24	
724.	6.10	1.49	1.22	1.22	1.23	1.22	1.22	
757.	6.11	1.49	1.23	1.22	1.23	1.22	1.22	
796.	6.13	1.49	1.23	1.22	1.24	1.23	1.23	
826.	6.10	1.49	1.22	1.22	1.23	1.22	1.22	
852.	6.10	1.49	1.22	1.22	1.23	1.22	1.22	
880.	6.11	1.50	1.23	1.22	1.24	1.23	1.23	
923.	6.11	1.49	1.23	1.22	1.23	1.23	1.23	
947.	6.10	1.49	1.22	1.22	1.23	1.22	1.22	
976.	6.12	1.49	1.23	1.23	1.24	1.23	1.23	
1017.	6.11	1.48	1.22	1.22	1.23	1.22	1.22	
1045.	6.11	1.48	1.22	1.22	1.23	1.22	1.22	
		.90						
638.	7.13	.89	1.44	1.43	1.42	1.42	1.42	END OF CHARGE
668.	7.12	.89	1.44	1.43	1.43	1.43	1.43	
692.	7.10	.90	1.43	1.42	1.42	1.42	1.42	
724.	7.12	.89	1.44	1.43	1.43	1.42	1.43	
757.	7.13	.89	1.44	1.43	1.43	1.43	1.43	
796.	7.12	.89	1.44	1.43	1.43	1.43	1.43	
826.	7.12	.89	1.44	1.43	1.43	1.43	1.43	
852.	7.12	.89	1.44	1.43	1.43	1.43	1.43	
880.	7.12	.89	1.44	1.43	1.43	1.42	1.42	
923.	7.14	.89	1.45	1.44	1.44	1.43	1.43	
947.	7.14	.89	1.45	1.44	1.43	1.43	1.43	
976.	7.14	.89	1.44	1.43	1.43	1.43	1.43	
1017.	7.13	.89	1.44	1.44	1.43	1.43	1.43	
1045.	7.12	.89	1.44	1.43	1.43	1.43	1.43	

PACK NO. 304
G.E. 5 A.H. NIMBUS

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 120

TEST TEMPERATURE 25 C
ORBIT PERIOD 90 MIN

CYCLE NO.	PACK VOLTAGES	CURRENT 2,50	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
12.	6.11	2.48	1.22	1.22	1.21	1.22	1.21	.00	.00	.00	.00	.00	END OF DISCHARGE
75.	4.80	2.44	1.21	1.20	1.20	.01	1.20	.00	.00	.00	.00	.00	
144.	4.84	2.45	1.20	1.19	1.20	.01	1.20	.00	.00	.00	.00	.00	
182.	4.79	2.45	1.20	1.20	1.19	.01	1.20	.00	.00	.00	.00	.00	
237.	4.78	2.47	1.20	1.20	1.19	.01	1.20	.00	.00	.00	.00	.00	
276.	4.75	2.48	1.19	1.19	1.18	.01	1.19	.00	.00	.00	.00	.00	
304.	4.77	2.47	1.19	1.19	1.18	.01	1.19	.00	.00	.00	.00	.00	
		1.50											
12.	7.44	1.49	1.48	1.48	1.49	1.46	1.50	.00	.00	.00	.00	.00	END OF CHARGE
75.	5.93	1.51	1.48	1.48	1.50	.01	1.50	.00	.00	.00	.00	.00	
144.	5.89	1.50	1.47	1.47	1.49	.02	1.49	.00	.00	.00	.00	.00	
182.	5.90	1.50	1.47	1.47	1.49	.01	1.49	.00	.00	.00	.00	.00	
237.	5.91	1.50	1.47	1.47	1.49	.01	1.49	.00	.00	.00	.00	.00	
276.	5.87	1.49	1.46	1.46	1.48	.01	1.47	.00	.00	.00	.00	.00	
304.	5.87	1.49	1.46	1.46	1.48	.01	1.47	.00	.00	.00	.00	.00	

PACK NO. 113
G.E. 5 A.H. NIMBUS

DEPTH OF DISCHARGE 15
PERCENT OF RECHARGE 130

TEST TEMPERATURE 40 C
ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 1.50	CELL VOLTAGES 1	2	3	4	5	
638.	6.05	1.33	1.20	1.15	1.21	1.21	1.21	END OF DISCHARGE
668.	5.88	1.47	1.17	1.18	1.18	1.18	1.18	
692.	5.94	1.48	1.18	1.14	1.19	1.19	1.19	
757.	5.89	1.47	1.18	1.19	1.18	1.18	1.18	
796.	5.92	1.47	1.18	1.19	1.19	1.18	1.18	
826.	5.89	1.47	1.18	1.19	1.19	1.18	1.18	
852.	5.89	1.47	1.18	1.19	1.19	1.18	1.18	
880.	5.91	1.47	1.18	1.17	1.19	1.18	1.18	
923.	5.88	1.47	1.18	1.19	1.19	1.18	1.18	
947.	5.90	1.47	1.18	1.19	1.19	1.18	1.18	
976.	5.95	1.47	1.19	1.19	1.20	1.19	1.19	
1017.	5.88	1.47	1.18	1.19	1.19	1.17	1.18	
1045.	5.92	1.47	1.18	1.19	1.19	1.18	1.19	
7240.	5.88	1.47	1.17	1.18	1.18	1.18	1.18	
		.98						
638.	6.93	.99	1.39	1.39	1.38	1.38	1.40	END OF CHARGE
668.	6.96	.98	1.39	1.40	1.39	1.39	1.39	
692.	6.96	.99	1.39	1.39	1.39	1.38	1.38	
757.	6.96	.98	1.40	1.40	1.39	1.39	1.39	
796.	6.97	.98	1.39	1.40	1.39	1.39	1.39	
826.	7.03	.98	1.41	1.41	1.41	1.40	1.40	
852.	6.97	.98	1.40	1.40	1.39	1.39	1.39	
880.	6.97	.98	1.39	1.39	1.39	1.39	1.39	
923.	6.97	.98	1.40	1.40	1.39	1.39	1.39	
947.	7.03	.98	1.41	1.41	1.40	1.40	1.40	
976.	7.03	.98	1.41	1.41	1.40	1.40	1.41	
1017.	7.01	.97	1.41	1.41	1.40	1.40	1.40	
1045.	7.01	.97	1.40	1.40	1.40	1.40	1.40	
7240.	6.96	.98	1.39	1.39	1.39	1.39	1.39	

PACK NO. 114
G.E. 5 A.H. NIMBUS

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 130

TEST TEMPERATURE 40 C
ORBIT PERIOD 90 MIN

CYCLE NO.	PACK VOLTAGES	CURRENT 2.50	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
44.	4.65	2.46	1.18	1.16	1.16	.01	1.16	.00	.00	.00	.00	.00	END OF DISCHARGE
110.	4.63	2.45	1.17	1.12	1.15	.01	1.15	.00	.00	.00	.00	.00	
148.	4.54	2.45	1.16	1.12	1.14	.01	1.13	.00	.00	.00	.00	.00	
203.	4.62	2.48	1.17	1.14	1.16	.01	1.15	.00	.00	.00	.00	.00	
242.	4.47	2.48	1.15	1.09	1.12	.01	1.11	.00	.00	.00	.00	.00	
270.	4.54	2.48	1.16	1.11	1.13	.01	1.13	.00	.00	.00	.00	.00	
		1.63											
44.	5.62	1.62	1.41	1.41	1.41	.01	1.41	.00	.00	.00	.00	.00	END OF CHARGE
110.	5.62	1.62	1.41	1.41	1.41	.02	1.41	.00	.00	.00	.00	.00	
148.	5.63	1.62	1.41	1.41	1.41	.01	1.41	.00	.00	.00	.00	.00	
203.	5.72	1.62	1.43	1.43	1.44	.01	1.43	.00	.00	.00	.00	.00	
242.	5.64	1.60	1.41	1.41	1.41	.01	1.41	.00	.00	.00	.00	.00	
270.	5.68	1.60	1.42	1.42	1.42	.01	1.42	.00	.00	.00	.00	.00	

PACK NO. 117 DEPTH OF DISCHARGE 15 TEST TEMPERATURE 0 °C
GULTON 5 A.H. NIMBUS PERCENT OF RECHARGE 110 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 1.50	CELL VOLTAGES 1	2	3	4	5	
400.	6.08	1.51	1.23	1.22	1.21	1.23	1.23	END OF DISCHARGE
432.	6.07	1.51	1.23	1.22	1.22	1.22	1.21	
466.	6.05	1.51	1.23	1.22	1.20	1.22	1.22	
496.	6.08	1.50	1.23	1.22	1.22	1.22	1.21	
546.	6.07	1.50	1.23	1.22	1.22	1.22	1.21	
589.	6.06	1.50	1.22	1.22	1.22	1.22	1.21	
622.	6.06	1.50	1.22	1.22	1.22	1.22	1.21	
654.	6.06	1.50	1.23	1.22	1.22	1.22	1.22	
693.	6.03	1.50	1.22	1.21	1.22	1.21	1.20	
719.	6.04	1.50	1.22	1.21	1.21	1.21	1.21	
748.	6.12	1.51	1.25	1.23	1.18	1.24	1.24	
779.	6.05	1.50	1.22	1.22	1.22	1.22	1.21	
813.	6.08	1.50	1.22	1.22	1.22	1.22	1.21	
		.83						
400.	7.40	.56	1.50	1.46	1.51	1.46	1.46	END OF CHARGE
432.	7.41	.56	1.50	1.48	1.51	1.47	1.47	
466.	7.40	.54	1.50	1.47	1.51	1.46	1.46	
496.	7.45	.59	1.51	1.49	1.53	1.48	1.48	
546.	7.44	.53	1.51	1.49	1.52	1.48	1.48	
589.	7.42	.55	1.50	1.48	1.51	1.47	1.48	
622.	7.43	.55	1.50	1.48	1.51	1.48	1.48	
654.	7.42	.53	1.49	1.48	1.51	1.47	1.47	
693.	7.40	.54	1.49	1.48	1.50	1.47	1.47	
719.	7.63	.78	1.54	1.52	1.58	1.51	1.51	
748.	7.55	.56	1.52	1.51	1.54	1.50	1.50	
779.	7.50	.59	1.52	1.49	1.53	1.48	1.48	
813.	7.48	.57	1.51	1.49	1.52	1.48	1.48	

PACK NO. 121 DEPTH OF DISCHARGE 25 TEST TEMPERATURE 0 C
GULTON 5 A.H. NIMBUS PERCENT OF RECHARGE 110 ORBIT PERIOD 90 MIN

CYCLE NO.	PACK VOLTAGES	CURRENT 2.50	CELL VOLTAGES 1	2	3	4	5	1	2	3	4	5	
5.	6.07	2.46	1.21	1.21	1.21	1.21	1.21	02	.595	.00	.00	.00	END OF
28.	6.09	2.35	1.21	1.16	1.22	1.22	1.22	02	.431	.00	.00	.00	DISCHARGE
61.	6.02	2.46	1.20	1.20	1.20	1.20	1.20	02	.631	.00	.00	.00	
92.	6.02	2.45	1.20	1.20	1.20	1.20	1.10	02	.654	.00	.00	.00	
155.	5.99	2.44	1.20	1.20	1.20	1.20	1.20	02	.748	.00	.00	.00	
224.	5.98	2.49	1.19	1.18	1.19	1.20	1.19	02	.841	.00	.00	.00	
262.	5.97	2.48	1.19	1.19	1.19	1.19	1.19	02	.935	.00	.00	.00	
317.	5.95	2.49	1.18	1.20	1.19	1.19	1.19	02	.724	.00	.00	.00	
356.	5.92	2.48	1.18	1.19	1.19	1.17	1.19	02	.303	.00	.00	.00	
384.	5.98	2.48	1.18	1.19	1.19	1.18	1.19	02	.279	.00	.00	.00	
		1.38											
5.	7.52	.81	1.51	1.50	1.50	1.50	1.49	03	.989	.00	.00	.00	END OF
28.	7.35	.57	1.46	1.47	1.47	1.46	1.46	02	.537	.00	.00	.00	CHARGE
61.	7.41	.72	1.47	1.49	1.49	1.47	1.49	02	.853	.00	.00	.00	
92.	7.40	.74	1.47	1.49	1.49	1.47	1.48	02	.947	.00	.00	.00	
155.	7.37	.76	1.47	1.48	1.49	1.47	1.48	03	.005	.00	.00	.00	
224.	7.34	.77	1.46	1.48	1.48	1.46	1.48	03	.076	.00	.00	.00	
262.	7.35	.81	1.46	1.48	1.48	1.47	1.48	03	.157	.00	.00	.00	
317.	7.36	.80	1.45	1.48	1.49	1.47	1.48	02	.912	.00	.00	.00	
356.	7.32	.87	1.46	1.48	1.48	1.41	1.48	02	.349	.00	.00	.00	
384.	7.31	.92	1.45	1.48	1.48	1.43	1.47	02	.420	.00	.00	.00	

PSIA

601

PACK NO. 120
GULTON 5 A.H. NIMBUS

DEPTH OF DISCHARGE 15
PERCENT OF RECHARGE 120

TEST TEMPERATURE 25 C
ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 1.50	CELL VOLTAGES 1	2	3	4	5	
515.	6.12	1.49	1.24	1.15	1.23	1.23	1.22	END OF DISCHARGE
545.	6.09	1.49	1.24	1.22	1.22	1.23	1.22	
569.	6.12	1.49	1.24	1.17	1.22	1.23	1.22	
601.	6.07	1.49	1.23	1.21	1.22	1.22	1.21	
634.	6.08	1.49	1.24	1.22	1.22	1.23	1.21	
673.	6.05	1.49	1.24	1.17	1.22	1.23	1.22	
703.	5.95	1.49	1.23	1.09	1.22	1.23	1.21	
729.	5.90	1.49	1.23	1.04	1.22	1.22	1.21	
757.	5.84	1.49	1.24	.94	1.22	1.23	1.22	
800.	5.74	1.48	1.24	.87	1.22	1.23	1.22	
824.	5.81	1.49	1.23	.95	1.22	1.22	1.21	
853.	5.90	1.49	1.24	1.00	1.22	1.23	1.22	
894.	5.86	1.48	1.23	1.01	1.22	1.22	1.21	
922.	5.86	1.49	1.23	1.01	1.22	1.22	1.21	
		.90						
515.	7.15	.88	1.42	1.46	1.42	1.43	1.44	END OF CHARGE
545.	7.15	.88	1.43	1.44	1.43	1.43	1.43	
569.	7.14	.89	1.42	1.44	1.42	1.42	1.42	
601.	7.15	.89	1.43	1.44	1.42	1.43	1.42	
634.	7.16	.88	1.43	1.44	1.42	1.43	1.42	
673.	7.18	.88	1.43	1.47	1.42	1.43	1.42	
703.	7.22	.88	1.43	1.51	1.43	1.43	1.42	
729.	7.25	.89	1.43	1.54	1.42	1.43	1.42	
757.	7.27	.89	1.42	1.55	1.42	1.43	1.43	
800.	7.31	.89	1.43	1.59	1.43	1.44	1.43	
824.	7.31	.89	1.43	1.58	1.43	1.44	1.43	
853.	7.28	.89	1.43	1.56	1.42	1.43	1.43	
894.	7.28	.88	1.43	1.56	1.43	1.43	1.43	
922.	7.27	.89	1.43	1.55	1.43	1.43	1.43	

PACK NO. 318
GULTON 5 A.H. NIMBUS

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 120

TEST TEMPERATURE 25 C
ORBIT PERIOD 90 MIN

CYCLE NO.	PACK VOLTAGES	CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
12.	6.09	2.52	1.22	1.21	1.23	1.21	1.20	.00	.00	.00	.00	.00	END OF DISCHARGE
75.	4.80	2.47	1.21	1.19	1.22	.01	1.18	.00	.00	.00	.00	.00	
144.	4.82	2.46	1.20	1.17	1.22	.01	1.18	.00	.00	.00	.00	.00	
182.	4.78	2.46	1.20	1.18	1.21	.01	1.18	.00	.00	.00	.00	.00	
237.	4.76	2.51	1.20	1.18	1.21	.01	1.18	.00	.00	.00	.00	.00	
276.	4.73	2.50	1.19	1.17	1.20	.01	1.17	.00	.00	.00	.00	.00	
304.	4.74	2.50	1.19	1.17	1.21	.01	1.17	.00	.00	.00	.00	.00	
		1.50											
12.	7.29	1.52	1.47	1.45	1.46	1.45	1.45	.00	.00	.00	.00	.00	END OF CHARGE
75.	5.83	1.50	1.47	1.45	1.48	.01	1.46	.00	.00	.00	.00	.00	
144.	5.81	1.50	1.46	1.45	1.47	.01	1.45	.00	.00	.00	.00	.00	
182.	5.83	1.50	1.46	1.45	1.47	.01	1.46	.00	.00	.00	.00	.00	
237.	5.83	1.50	1.46	1.45	1.47	.01	1.46	.00	.00	.00	.00	.00	
276.	5.81	1.49	1.45	1.45	1.47	.01	1.45	.00	.00	.00	.00	.00	
304.	5.81	1.49	1.46	1.45	1.47	.01	1.45	.00	.00	.00	.00	.00	

PACK NO. 127
GULTON 5 A.H. NIMBUS

DEPTH OF DISCHARGE 15
PERCENT OF RECHARGE 130

TEST TEMPERATURE 40 C
ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 1.50	CELL VOLTAGES 1	2	3	4	5	
561.	5.83	1.45	1.17	1.16	1.17	1.20	1.18	END OF DISCHARGE
591.	5.76	1.49	1.14	1.14	1.17	1.18	1.16	
615.	5.80	1.47	1.16	1.15	1.16	1.19	1.17	
647.	5.76	1.47	1.15	1.14	1.17	1.18	1.16	
680.	5.77	1.47	1.15	1.15	1.17	1.18	1.16	
719.	5.80	1.47	1.15	1.15	1.18	1.19	1.16	
749.	5.76	1.47	1.15	1.14	1.17	1.18	1.16	
775.	5.76	1.47	1.14	1.14	1.17	1.18	1.16	
803.	5.74	1.48	1.14	1.14	1.17	1.19	1.16	
846.	5.76	1.47	1.14	1.14	1.17	1.18	1.16	
870.	5.78	1.48	1.15	1.15	1.17	1.19	1.16	
899.	5.84	1.48	1.17	1.17	1.19	1.20	1.18	
940.	5.72	1.47	1.14	1.14	1.16	1.18	1.15	
968.	5.79	1.48	1.15	1.15	1.17	1.19	1.16	
		.98						
561.	6.97	.97	1.39	1.40	1.39	1.39	1.38	END OF CHARGE
591.	6.99	.97	1.40	1.41	1.40	1.39	1.40	
615.	6.97	.97	1.40	1.40	1.39	1.39	1.39	
647.	6.99	.97	1.40	1.41	1.40	1.39	1.39	
680.	6.99	.97	1.41	1.41	1.40	1.40	1.40	
719.	6.99	.96	1.41	1.41	1.40	1.40	1.40	
749.	7.05	.96	1.42	1.42	1.41	1.41	1.41	
775.	7.00	.96	1.41	1.41	1.40	1.40	1.40	
803.	6.99	.96	1.40	1.41	1.40	1.40	1.40	
846.	7.00	.97	1.41	1.41	1.40	1.40	1.40	
870.	7.05	.97	1.42	1.42	1.41	1.41	1.41	
899.	7.06	.97	1.42	1.42	1.41	1.41	1.41	
940.	7.04	.96	1.41	1.42	1.41	1.41	1.41	
968.	7.04	.96	1.41	1.42	1.41	1.41	1.41	

PACK NO. 128 DEPTH OF DISCHARGE 25 TEST TEMPERATURE 40 C
GULTON 5 A.H. NIMBUS PERCENT OF RECHARGE 130 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 2.50	CELL VOLTAGES 1	2	3	4	5	1	2	3	4	5	
44.	5.78	2.48	1.16	1.14	1.16	1.19	1.13	10	.504	.00	.00	.00	END OF DISCHARGE
110.	5.65	2.49	1.12	1.08	1.15	1.17	1.09	11	.131	.00	.00	.00	
148.	5.50	2.48	1.09	1.05	1.13	1.16	1.05	11	.221	.00	.00	.00	
203.	5.67	2.49	1.13	1.11	1.15	1.17	1.11	11	.120	.00	.00	.00	
242.	5.35	2.46	1.05	1.01	1.12	1.15	1.00	11	.759	.00	.00	.00	
270.	5.50	2.47	1.10	1.05	1.13	1.16	1.05	11	.479	.00	.00	.00	
		1.63											
44.	7.04	1.63	1.40	1.41	1.42	1.40	1.41	17	.633	.00	.00	.00	END OF CHARGE
110.	7.04	1.63	1.40	1.41	1.42	1.40	1.41	18	.115	.00	.00	.00	
148.	7.06	1.63	1.40	1.42	1.43	1.40	1.41	17	.678	.00	.00	.00	
203.	7.15	1.63	1.42	1.43	1.45	1.42	1.43	17	.218	.00	.00	.00	
242.	7.07	1.62	1.40	1.42	1.43	1.40	1.41	18	.048	.00	.00	.00	
270.	7.11	1.62	1.42	1.43	1.44	1.41	1.42	16	.983	.00	.00	.00	

PSIA

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PACK NO. 79
GULTON 6 A.H.

DEPTH OF DISCHARGE 50
PERCENT OF RECHARGE 200

TEST TEMPERATURE 25 C
ORBIT PERIOD 24 HOURS

CYCLE NO.	PACK VOLTAGE	CURRENT 3.0	CELL VOLTAGES 1	2	3	4	5	
428.	3.18	2.94	.00	1.04	.00	1.05	1.04	END OF
436.	3.02	2.99	.00	1.00	.00	1.00	1.00	DISCHARGE
		.26						
428.	4.12	.25	.00	1.50	.00	1.38	1.43	END OF
436.	4.08	.26	.00	1.37	.00	1.37	1.37	CHARGE

PACK NO. 9 DEPTH OF DISCHARGE 42 TEST TEMPERATURE 25 C
YARDLEY 12 A.H. AGZN PERCENT OF RECHARGE ORBIT PERIOD 24 HRS.

CYCLE NO.	PACK VOLTAGE	CURRENT 5.00	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10	
26.	14.87	4.94	1.49	1.49	1.48	1.49	1.47	1.49	1.49	1.51	1.49	1.49	END OF
34.	14.87	4.97	1.49	1.50	1.49	1.49	1.47	1.49	1.49	1.51	1.49	1.49	DISCHARGE
42.	14.87	4.96	1.49	1.49	1.49	1.49	1.47	1.49	1.49	1.52	1.49	1.49	
50.	15.62	4.97	1.57	1.53	1.60	1.59	1.57	1.48	1.57	1.61	1.60	1.53	
		.50											
26.	19.99	.00	2.00	2.01	2.00	2.00	2.01	2.01	2.00	2.06	2.00	2.00	END OF
34.	19.99	.00	2.01	2.00	2.00	2.00	2.00	2.01	2.00	2.04	2.00	2.00	CHARGE
42.	19.95	.01	2.00	2.01	1.99	1.99	2.02	2.00	2.00	2.08	1.99	1.98	
50.	19.99	.26	2.08	2.08	2.07	2.07	2.07	1.56	2.08	2.12	1.92	2.09	

PACK NO. 315
GULTON 4 A.H.

DEPTH OF DISCHARGE 15
PERCENT OF RECHARGE 115

TEST TEMPERATURE 0 C
ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 1.2	CELL VOLTAGES 1	2	3	4	5	
4587.	6.19	1.20	1.25	1.23	1.25	1.25	1.24	
4653.	6.17	1.19	1.24	1.21	1.24	1.24	1.23	END OF DISCHARGE
4733.	6.26	1.20	1.26	1.27	1.26	1.26	1.26	
4745.	6.30	1.20	1.27	1.27	1.27	1.27	1.27	
4761.	6.23	1.18	1.26	1.26	1.26	1.26	1.25	
4775.	6.21	1.21	1.25	1.26	1.25	1.25	1.24	
4813.	6.21	1.20	1.25	1.24	1.25	1.25	1.25	
4844.	6.20	1.20	1.25	1.25	1.25	1.25	1.24	
4876.	6.16	1.20	1.24	1.25	1.24	1.24	1.24	
4905.	6.17	1.20	1.24	1.25	1.24	1.24	1.23	
4938.	6.13	1.20	1.24	1.24	1.24	1.24	1.23	
4972.	6.24	1.21	1.26	1.13	1.26	1.26	1.24	
		.69						
4587.	7.72	.69	1.54	1.57	1.53	1.56	1.54	
4653.	7.75	.63	1.54	1.57	1.53	1.55	1.55	END OF CHARGE
4733.	7.10	.69	1.42	1.43	1.42	1.42	1.42	
4745.	7.57	.69	1.51	1.54	1.50	1.53	1.52	
4761.	7.69	.68	1.54	1.56	1.53	1.55	1.54	
4775.	7.71	.68	1.54	1.56	1.53	1.55	1.54	
4813.	7.69	.68	1.54	1.56	1.52	1.55	1.54	
4844.	7.70	.67	1.54	1.56	1.53	1.56	1.54	
4876.	7.77	.67	1.55	1.57	1.54	1.57	1.55	
4905.	7.74	.64	1.55	1.58	1.53	1.56	1.57	
4938.	7.67	.65	1.53	1.56	1.51	1.55	1.53	
4972.	7.61	.57	1.52	1.55	1.50	1.54	1.53	

PACK NO. 326
GULTON 4 A.H.

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 115

TEST TEMPERATURE 0 C
ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 2.0	CELL VOLTAGES 1	2	3	4	5	
4852.	6.01	1.97	1.20	1.15	1.20	1.20	1.20	END OF DISCHARGE
4884.	5.94	1.98	1.20	1.20	1.19	1.19	1.19	
4918.	6.02	1.99	1.19	1.14	1.19	1.19	1.19	
4948.	5.96	1.98	1.19	1.20	1.19	1.19	1.19	
4998.	5.94	1.98	1.19	1.20	1.19	1.19	1.19	
5041.	5.98	1.98	1.19	1.20	1.19	1.18	1.18	
5071.	5.91	1.97	1.19	1.20	1.19	1.18	1.18	
5103.	5.94	1.97	1.19	1.19	1.19	1.19	1.19	
5142.	5.95	1.97	1.19	1.20	1.19	1.19	1.19	
5168.	5.88	1.98	1.18	1.19	1.18	1.18	1.18	
5228.	5.92	1.98	1.19	1.19	1.19	1.18	1.19	
5262.	5.94	1.98	1.19	1.20	1.19	1.18	1.19	
		1.15						
4852.	7.69	.87	1.56	1.54	1.55	1.56	1.56	END OF CHARGE
4884.	7.74	.86	1.56	1.53	1.56	1.57	1.54	
4918.	7.82	.80	1.57	1.54	1.56	1.57	1.55	
4948.	7.76	.88	1.56	1.53	1.55	1.57	1.54	
4998.	7.77	.86	1.57	1.54	1.56	1.57	1.55	
5041.	7.78	.85	1.57	1.54	1.56	1.57	1.55	
5071.	7.68	.66	1.55	1.52	1.54	1.55	1.53	
5103.	7.65	.65	1.54	1.52	1.53	1.55	1.53	
5142.	7.72	.71	1.56	1.53	1.55	1.56	1.54	
5168.	7.70	.60	1.56	1.52	1.55	1.56	1.53	
5228.	7.67	.64	1.55	1.52	1.55	1.56	1.53	
5262.	7.66	.66	1.55	1.52	1.54	1.55	1.53	

PACK NO. 204
GULTON 4 A.H.

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 125

TEST TEMPERATURE 25 C
ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT	CELL VOLTAGES 1	2	3	4	5	
4708.	5.92	2.01	1.18	1.11	1.18	1.17	1.18	END OF DISCHARGE
4740.	5.81	2.01	1.16	1.14	1.16	1.15	1.16	
4763.	5.86	2.01	1.17	1.07	1.16	1.16	1.17	
4796.	5.80	2.01	1.16	1.14	1.16	1.15	1.16	
4827.	5.80	2.00	1.16	1.14	1.16	1.15	1.16	
4888.	5.82	2.00	1.17	1.14	1.16	1.16	1.16	
4924.	5.78	2.01	1.16	1.14	1.15	1.15	1.16	
4957.	5.82	2.00	1.16	1.12	1.16	1.15	1.16	
4995.	5.78	2.00	1.16	1.14	1.15	1.15	1.16	
5018.	5.83	2.00	1.17	1.15	1.16	1.16	1.16	
5048.	5.87	2.00	1.17	1.13	1.17	1.16	1.17	
5087.	5.76	2.00	1.16	1.13	1.15	1.14	1.15	
5115.	5.73	2.00	1.15	1.12	1.14	1.14	1.15	
		1.25						
4708.	7.31	1.25	1.45	1.45	1.43	1.47	1.48	END OF CHARGE
4740.	7.32	1.25	1.45	1.45	1.44	1.48	1.46	
4763.	7.32	1.27	1.45	1.45	1.43	1.47	1.46	
4796.	7.33	1.25	1.45	1.45	1.44	1.48	1.47	
4827.	7.32	1.25	1.45	1.45	1.44	1.48	1.46	
4888.	7.32	1.25	1.45	1.45	1.44	1.48	1.47	
4924.	7.33	1.25	1.46	1.45	1.44	1.48	1.47	
4957.	7.32	1.25	1.45	1.45	1.44	1.48	1.47	
4995.	7.33	1.24	1.46	1.45	1.44	1.48	1.47	
5018.	7.35	1.24	1.46	1.46	1.44	1.48	1.47	
5048.	7.34	1.24	1.46	1.45	1.44	1.48	1.47	
5087.	7.33	1.24	1.46	1.45	1.44	1.48	1.47	
5115.	7.32	1.24	1.46	1.45	1.44	1.48	1.47	

PACK NO. 214
GULTON 4 A.H.

DEPTH OF DISCHARGE 40
PERCENT OF RECHARGE 125

TEST TEMPERATURE 25 C
ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT	CELL VOLTAGES 1	2	3	4	5	
4390.	5.63	3.20	1.10	1.06	1.12	1.12	1.10	END OF DISCHARGE
4422.	5.56	3.20	1.09	1.12	1.11	1.11	1.09	
4456.	5.62	3.20	1.10	1.07	1.11	1.11	1.10	
4486.	5.50	3.19	1.09	1.12	1.10	1.10	1.06	
4534.	5.57	3.20	1.11	1.13	1.11	1.11	1.08	
4577.	5.46	3.20	1.07	1.11	1.09	1.10	1.06	
4610.	5.60	3.20	1.11	1.13	1.11	1.11	1.09	
4642.	5.60	3.20	1.11	1.12	1.11	1.11	1.09	
4681.	5.45	3.18	1.07	1.12	1.09	1.10	1.04	
4707.	5.55	3.19	1.10	1.13	1.11	1.11	1.07	
4736.	5.65	3.18	1.12	1.02	1.12	1.13	1.07	
4767.	5.39	3.18	1.07	1.11	1.08	1.09	1.01	
4801.	5.45	3.18	1.08	1.12	1.08	1.10	1.03	
		2.00						
4390.	7.39	1.62	1.45	1.46	1.52	1.48	1.47	END OF CHARGE
4422.	7.41	1.62	1.45	1.46	1.52	1.49	1.45	
4456.	7.40	1.67	1.45	1.46	1.51	1.48	1.44	
4486.	7.39	1.59	1.45	1.46	1.52	1.48	1.45	
4534.	7.43	1.84	1.46	1.47	1.53	1.49	1.45	
4577.	7.43	1.80	1.46	1.47	1.53	1.50	1.45	
4610.	7.45	1.72	1.46	1.47	1.53	1.50	1.45	
4642.	7.43	1.71	1.46	1.47	1.52	1.49	1.45	
4681.	7.43	1.74	1.46	1.47	1.53	1.50	1.44	
4707.	7.43	1.77	1.46	1.47	1.53	1.50	1.44	
4736.	7.44	1.71	1.46	1.48	1.53	1.50	1.44	
4767.	7.42	1.71	1.46	1.47	1.53	1.50	1.44	
4801.	7.41	1.70	1.46	1.47	1.52	1.49	1.43	

PACK NO. 228
GULTON 4 A.H.

DEPTH OF DISCHARGE 15
PERCENT OF RECHARGE 160

TEST TEMPERATURE 40 C
ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 1.2	CELL VOLTAGES 1	2	3	4	5	
4612.	6.03	1.19	1.20	1.15	1.20	1.16	1.20	END OF DISCHARGE
4644.	5.93	1.19	1.20	1.19	1.19	1.15	1.18	
4667.	5.97	1.20	1.19	1.13	1.18	1.14	1.19	
4700.	5.90	1.19	1.19	1.18	1.18	1.14	1.18	
4731.	5.91	1.18	1.19	1.18	1.18	1.14	1.18	
4792.	5.92	1.20	1.19	1.19	1.18	1.15	1.18	
4828.	5.91	1.17	1.19	1.18	1.18	1.14	1.18	
4861.	5.98	1.18	1.20	1.18	1.19	1.16	1.19	
4899.	5.89	1.18	1.19	1.18	1.18	1.14	1.17	
4922.	5.98	1.18	1.20	1.20	1.20	1.17	1.19	
4952.	6.01	1.18	1.20	1.18	1.20	1.17	1.19	
4991.	5.94	1.18	1.19	1.19	1.18	1.15	1.18	
5019.	5.94	1.18	1.19	1.19	1.19	1.16	1.18	
		.96						
4612.	7.02	.98	1.40	1.39	1.39	1.39	1.40	END OF CHARGE
4644.	7.03	.98	1.40	1.40	1.40	1.40	1.39	
4667.	7.05	.99	1.40	1.39	1.39	1.40	1.39	
4700.	7.04	.97	1.41	1.40	1.40	1.40	1.40	
4731.	7.05	.97	1.41	1.40	1.40	1.40	1.40	
4792.	7.05	.97	1.41	1.40	1.40	1.41	1.40	
4828.	7.05	.95	1.41	1.40	1.40	1.40	1.40	
4861.	7.07	.94	1.41	1.41	1.40	1.41	1.41	
4899.	7.04	.97	1.41	1.40	1.40	1.41	1.40	
4922.	7.13	.97	1.43	1.42	1.42	1.42	1.42	
4952.	7.11	.96	1.42	1.41	1.41	1.41	1.42	
4991.	7.08	.96	1.42	1.41	1.41	1.41	1.41	
5019.	7.10	.96	1.42	1.41	1.41	1.41	1.41	

PACK NO. 240
GULTON 4 A. H.

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 160

TEST TEMPERATURE 40 °C
ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT	CELL VOLTAGES 1	2	3	4	5	
4712.	5.61	2.01	1.11	1.06	1.11	1.13	1.08	END OF DISCHARGE
4744.	5.53	2.01	1.10	1.11	1.09	1.12	1.07	
4767.	5.55	2.01	1.10	1.04	1.08	1.12	1.07	
4800.	5.47	2.01	1.10	1.10	1.07	1.11	1.06	
4831.	5.47	2.00	1.10	1.10	1.07	1.11	1.06	
4892.	5.55	2.00	1.12	1.12	1.07	1.13	1.09	
4928.	5.51	2.00	1.10	1.10	1.08	1.11	1.07	
4961.	5.66	2.00	1.13	1.12	1.10	1.14	1.10	
4999.	5.43	2.00	1.10	1.10	1.02	1.11	1.06	
5022.	5.72	2.00	1.15	1.15	1.12	1.15	1.12	
5052.	5.77	1.99	1.15	1.14	1.10	1.16	1.14	
5091.	5.60	1.99	1.13	1.13	1.06	1.13	1.11	
5119.	5.63	2.00	1.13	1.14	1.08	1.14	1.10	
		1.60						
4712.	7.14	1.54	1.42	1.43	1.42	1.41	1.43	END OF CHARGE
4744.	7.16	1.55	1.43	1.43	1.42	1.42	1.42	
4767.	7.17	1.56	1.42	1.43	1.42	1.42	1.42	
4800.	7.17	1.55	1.43	1.44	1.42	1.43	1.42	
4831.	7.17	1.51	1.43	1.44	1.42	1.43	1.42	
4892.	7.17	1.52	1.43	1.44	1.42	1.43	1.42	
4928.	7.19	1.51	1.43	1.44	1.42	1.43	1.42	
4961.	7.20	1.44	1.43	1.45	1.42	1.43	1.43	
4999.	7.17	1.52	1.43	1.44	1.42	1.43	1.42	
5022.	7.28	1.48	1.45	1.47	1.44	1.46	1.44	
5052.	7.26	1.34	1.45	1.46	1.43	1.45	1.44	
5091.	7.24	1.59	1.44	1.46	1.43	1.45	1.43	
5119.	7.24	1.50	1.44	1.46	1.43	1.45	1.43	

PACK NO. 216
GULTON 12 A.H.

DEPTH OF DISCHARGE 15
PERCENT OF RECHARGE 115

TEST TEMPERATURE 0 C
ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 3.6	CELL VOLTAGES 1	2	3	4	5	
1588.	6.29	3.57	1.24	1.20	1.25	1.25	1.24	END OF DISCHARGE
1620.	6.22	3.58	1.24	1.24	1.24	1.24	1.23	
1643.	6.28	3.57	1.24	1.18	1.24	1.24	1.24	
1676.	6.21	3.57	1.23	1.24	1.24	1.24	1.23	
1707.	6.21	3.58	1.24	1.24	1.24	1.24	1.23	
1793.	6.20	3.60	1.23	1.24	1.24	1.23	1.23	
1837.	6.23	3.60	1.23	1.22	1.24	1.24	1.24	
1875.	6.20	3.60	1.23	1.24	1.23	1.24	1.23	
1898.	6.20	3.60	1.23	1.24	1.23	1.24	1.23	
1928.	6.23	3.61	1.23	1.22	1.24	1.24	1.23	
1967.	6.19	3.59	1.23	1.24	1.23	1.23	1.23	
1995.	6.20	3.60	1.23	1.24	1.23	1.23	1.23	
		2.07						
1588.	7.52	1.01	1.57	1.48	1.46	1.46	1.50	END OF CHARGE
1620.	7.53	1.04	1.58	1.49	1.47	1.47	1.49	
1643.	7.55	1.03	1.57	1.48	1.46	1.47	1.49	
1676.	7.54	1.02	1.59	1.49	1.47	1.48	1.50	
1707.	7.55	1.01	1.59	1.49	1.47	1.47	1.50	
1793.	7.56	1.05	1.58	1.49	1.47	1.48	1.51	
1837.	7.56	.98	1.58	1.49	1.47	1.47	1.50	
1875.	7.55	1.00	1.59	1.49	1.47	1.48	1.50	
1898.	7.56	.97	1.59	1.50	1.47	1.48	1.50	
1928.	7.54	.98	1.58	1.49	1.46	1.47	1.50	
1967.	7.55	.98	1.59	1.49	1.47	1.47	1.50	
1995.	7.55	1.01	1.59	1.49	1.47	1.48	1.50	

PACK NO. 301 DEPTH OF DISCHARGE 25 TEST TEMPERATURE 0 C
GULTON 12 A.H. PERCENT OF RECHARGE 115 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 6.00	CELL VOLTAGES 1	2	3	4	5	
2578.	6.05	5.97	1.22	1.22	1.22	1.21	1.22	END OF
2644.	6.03	5.97	1.22	1.22	1.21	1.21	1.22	DISCHARGE
2672.	6.05	5.96	1.22	1.22	1.21	1.21	1.21	
2735.	6.03	5.97	1.21	1.21	1.21	1.20	1.20	
2779.	5.99	5.99	1.20	1.21	1.21	1.20	1.20	
2793.	5.99	6.00	1.20	1.21	1.20	1.19	1.20	
2830.	6.00	5.96	1.21	1.21	1.21	1.21	1.21	
2861.	6.00	5.99	1.21	1.21	1.21	1.20	1.20	
2893.	6.00	5.99	1.21	1.21	1.21	1.20	1.20	
2922.	6.01	5.96	1.21	1.21	1.21	1.20	1.21	
2955.	6.00	6.00	1.20	1.21	1.21	1.20	1.20	
2989.	6.08	5.94	1.23	1.23	1.17	1.23	1.24	
		3.45						
2578.	7.80	2.24	1.55	1.55	1.53	1.63	1.55	END OF
2644.	7.82	2.01	1.54	1.55	1.54	1.64	1.55	CHARGE
2672.	7.87	2.30	1.56	1.56	1.55	1.66	1.55	
2735.	7.80	2.18	1.55	1.55	1.54	1.66	1.56	
2779.	7.72	1.75	1.53	1.54	1.53	1.62	1.53	
2793.	7.73	1.70	1.53	1.53	1.52	1.62	1.53	
2830.	7.75	1.68	1.53	1.53	1.52	1.62	1.52	
2861.	7.76	1.76	1.53	1.54	1.52	1.59	1.52	
2893.	7.76	1.69	1.53	1.53	1.52	1.61	1.54	
2922.	7.79	1.74	1.54	1.54	1.53	1.61	1.53	
2955.	7.77	1.77	1.53	1.53	1.53	1.62	1.53	
2989.	7.74	1.81	1.53	1.53	1.52	1.60	1.52	

PACK NO. 227
GULTON 12 A.H.

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 125

TEST TEMPERATURE 25 C
ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 6.0	CELL VOLTAGE 1	2	3	4	5	
1953.	5.71	5.95	1.13	1.05	1.13	1.13	1.14	END OF DISCHARGE
1983.	5.55	5.95	1.11	1.10	1.09	1.11	1.11	
2007.	5.59	5.93	1.12	1.02	1.09	1.11	1.12	
2039.	5.46	5.93	1.10	1.08	1.07	1.09	1.10	
2072.	5.59	5.91	1.12	1.11	1.10	1.12	1.12	
2111.	5.67	5.98	1.14	1.13	1.12	1.13	1.13	
2141.	5.55	5.97	1.11	1.10	1.09	1.11	1.11	
2167.	5.56	5.95	1.12	1.10	1.10	1.11	1.11	
2195.	5.66	5.95	1.13	1.08	1.12	1.12	1.13	
2238.	5.63	5.97	1.13	1.12	1.11	1.12	1.13	
2262.	5.51	5.97	1.11	1.09	1.08	1.10	1.11	
2289.	5.69	5.98	1.14	1.10	1.12	1.13	1.13	
2332.	5.45	5.90	1.10	1.07	1.07	1.08	1.10	
2360.	5.52	5.91	1.11	1.09	1.08	1.10	1.11	
		3.75						
1953.	7.22	3.80	1.43	1.44	1.42	1.43	1.45	END OF CHARGE
1983.	7.22	3.80	1.43	1.44	1.43	1.43	1.44	
2007.	7.21	3.79	1.42	1.43	1.42	1.42	1.43	
2039.	7.20	3.78	1.43	1.44	1.43	1.43	1.44	
2072.	7.22	3.79	1.43	1.44	1.43	1.43	1.44	
2111.	7.21	3.79	1.43	1.44	1.43	1.43	1.44	
2141.	7.20	3.78	1.43	1.44	1.43	1.43	1.44	
2167.	7.21	3.77	1.43	1.44	1.43	1.43	1.44	
2195.	7.21	3.77	1.43	1.44	1.43	1.43	1.44	
2238.	7.23	3.77	1.44	1.44	1.44	1.44	1.45	
2262.	7.24	3.77	1.44	1.44	1.44	1.44	1.45	
2289.	7.23	3.81	1.44	1.45	1.44	1.44	1.45	
2332.	7.23	3.79	1.43	1.44	1.43	1.44	1.44	
2360.	7.22	3.79	1.43	1.44	1.43	1.43	1.44	

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PACK NO. 296
GULTON 12 A.H.

DEPTH OF DISCHARGE 40
PERCENT OF RECHARGE 125

TEST TEMPERATURE 25 C
ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 9.60	CELL VOLTAGES 1	2	3	4	5	
2797.	5.30	9.11	1.07	1.04	1.05	1.04	1.05	END OF DISCHARGE
2863.	5.38	8.95	1.07	1.03	1.07	1.05	1.07	
2943.	5.59	9.65	1.12	1.13	1.13	1.10	1.12	
2955.	5.47	9.61	1.10	1.10	1.11	1.07	1.10	
2991.	5.33	9.66	1.07	1.08	1.08	1.04	1.06	
3005.	5.21	9.67	1.05	1.06	1.05	1.01	1.04	
3043.	5.16	9.67	1.04	1.01	1.03	1.01	1.04	
3074.	5.34	9.61	1.07	1.08	1.08	1.06	1.07	
3106.	5.24	9.53	1.06	1.06	1.05	1.03	1.05	
3135.	5.26	9.64	1.06	1.06	1.05	1.03	1.05	
3168.	5.18	9.63	1.03	1.05	1.05	1.01	1.03	
3202.	5.20	9.49	1.03	.91	1.04	1.02	1.01	
		6.00						
2797.	7.38	4.98	1.48	1.48	1.47	1.47	1.48	END OF CHARGE
2863	7.38	5.34	1.47	1.48	1.46	1.46	1.47	
2943.	7.40	5.95	1.48	1.49	1.47	1.47	1.47	
2955.	7.39	5.79	1.48	1.49	1.47	1.47	1.47	
2991.	7.36	5.56	1.48	1.48	1.46	1.47	1.47	
3005.	7.40	6.07	1.48	1.49	1.47	1.47	1.47	
3043.	7.39	5.03	1.47	1.49	1.47	1.46	1.48	
3074.	7.42	5.98	1.48	1.50	1.47	1.47	1.48	
3106.	7.41	5.66	1.48	1.50	1.47	1.47	1.48	
3135.	7.35	5.97	1.47	1.49	1.46	1.46	1.48	
3168.	7.44	5.88	1.49	1.51	1.48	1.47	1.48	
3202.	7.46	5.85	1.49	1.52	1.48	1.48	1.49	

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PACK NO. 78 DEPTH OF DISCHARGE 15 TEST TEMPERATURE 40 C
GULTON 12 A.H. PERCENT OF RECHARGE 160 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 3.60	CELL VOLTAGES 1	2	3	4	5	
2518.	4.52	3.65	1.11	1.04	1.13	.00	1.12	END OF DISCHARGE
2548.	4.48	3.56	1.11	1.11	1.13	.00	1.11	
2572.	4.59	3.51	1.12	1.07	1.15	.00	1.14	
2604.	4.46	3.59	1.10	1.10	1.12	.00	1.11	
2637.	4.51	3.56	1.12	1.12	1.13	.00	1.12	
2676.	4.56	3.58	1.13	1.13	1.14	.00	1.14	
2706.	4.59	3.44	1.14	1.14	1.15	.00	1.14	
2732.	4.53	3.52	1.12	1.12	1.14	.00	1.13	
2760.	4.53	3.57	1.12	1.09	1.13	.00	1.13	
2827.	4.59	3.57	1.14	1.14	1.15	.00	1.14	
2856.	4.73	3.57	1.17	1.17	1.18	.00	1.18	
2897.	4.49	3.60	1.11	1.11	1.13	.00	1.12	
2925.	4.63	3.50	1.14	1.15	1.16	.00	1.15	
		2.88						
2518.	5.53	2.91	1.39	1.40	1.38	.00	1.39	END OF CHARGE
2548.	5.57	2.90	1.40	1.40	1.39	.00	1.39	
2572.	5.56	2.79	1.39	1.39	1.38	.00	1.38	
2604.	5.56	2.87	1.40	1.39	1.39	.00	1.39	
2637.	5.55	2.90	1.40	1.39	1.39	.00	1.39	
2676.	5.56	2.91	1.40	1.40	1.39	.00	1.39	
2706.	5.63	2.93	1.42	1.42	1.41	.00	1.41	
2732.	5.55	2.94	1.40	1.39	1.39	.00	1.39	
2760.	5.55	2.96	1.39	1.39	1.39	.00	1.39	
2827.	5.61	2.94	1.41	1.41	1.41	.00	1.41	
2856.	5.62	2.90	1.42	1.41	1.41	.00	1.42	
2897.	5.59	2.88	1.41	1.41	1.40	.00	1.40	
2925.	5.59	2.83	1.41	1.40	1.40	.00	1.40	

PACK NO. 290 DEPTH OF DISCHARGE 25 TEST TEMPERATURE 40 C
GULTON 12 A.H. PERCENT OF RECHARGE 160 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 6.00	CELL VOLTAGES 1	2	3	4	5	
2801.	5.35	6.00	1.07	1.09	1.07	1.06	1.08	END OF DISCHARGE
2833.	5.25	6.01	1.06	1.07	1.09	1.00	1.06	
2867.	5.18	6.02	1.06	1.07	1.06	.93	1.07	
2897.	5.07	6.00	1.04	1.06	1.08	.88	1.04	
2947.	5.08	5.98	1.06	1.08	1.09	.90	1.07	
2990.	4.99	5.97	1.05	1.07	1.08	.75	1.05	
3023.	4.91	5.97	1.10	1.10	1.10	.56	1.09	
3052.	4.22	5.61	1.10	1.08	1.08	.05	1.09	
3060.	4.03	5.98	1.03	1.00	.98	.05	1.02	
3067.	4.29	5.69	1.08	1.09	1.09	.00	1.07	
3096.	4.43	5.92	1.15	1.16	1.03	.00	1.17	
3127.	4.49	5.80	1.11	1.12	1.12	.00	1.11	
3161.	4.64	5.89	1.14	1.16	1.15	.00	1.14	
		4.80						
2801.	7.17	4.39	1.43	1.43	1.44	1.42	1.42	END OF CHARGE
2833.	7.17	4.37	1.44	1.43	1.44	1.42	1.43	
2867.	7.17	4.44	1.44	1.44	1.44	1.42	1.43	
2897.	7.17	4.31	1.44	1.44	1.44	1.42	1.44	
2947.	7.18	4.35	1.45	1.44	1.44	1.42	1.44	
2990.	7.18	4.34	1.44	1.44	1.44	1.42	1.44	
3023.	7.18	4.49	1.44	1.44	1.44	1.41	1.44	
3052.	6.74	4.87	1.43	1.43	1.42	1.02	1.43	
3060.	6.81	4.87	1.44	1.44	1.42	1.05	1.43	
3067.	5.84	3.67	1.46	1.46	1.47	.00	1.45	
3096.	5.83	3.33	1.46	1.47	1.48	.00	1.46	
3127.	5.71	3.77	1.43	1.44	1.43	.00	1.43	
3161.	5.80	3.11	1.44	1.46	1.46	.00	1.44	

PACK NO. 213
GULTON HS1 6 A.H.

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE 115

TEST TEMPERATURE 0 C
ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 3.0	CELL VOLTAGES 1	2	3	4	5	
1544.	6.14	3.03	1.22	1.20	1.22	1.22	1.22	END OF DISCHARGE
1574.	6.13	3.03	1.22	1.22	1.22	1.22	1.22	
1610.	6.16	3.04	1.22	1.18	1.22	1.22	1.22	
1638.	6.13	3.02	1.22	1.22	1.22	1.22	1.22	
1690.	6.12	3.02	1.22	1.22	1.22	1.22	1.22	
1702.	6.13	3.02	1.22	1.22	1.22	1.22	1.21	
1746.	6.12	3.03	1.22	1.22	1.22	1.22	1.21	
1760.	6.12	3.03	1.21	1.22	1.21	1.21	1.21	
1798.	6.13	3.02	1.22	1.19	1.21	1.22	1.21	
1829.	6.11	3.02	1.21	1.21	1.21	1.22	1.21	
1861.	6.10	3.02	1.21	1.22	1.21	1.21	1.21	
1890.	6.11	3.03	1.21	1.20	1.21	1.21	1.21	
1923.	6.12	3.02	1.21	1.22	1.22	1.21	1.21	
1957.	6.22	3.00	1.23	1.10	1.23	1.24	1.22	
		1.73						
1544.	7.69	1.17	1.52	1.52	1.51	1.56	1.56	END OF CHARGE
1574.	7.67	1.19	1.51	1.52	1.50	1.55	1.57	
1610.	7.72	1.16	1.52	1.52	1.51	1.56	1.55	
1638.	7.71	1.16	1.53	1.52	1.51	1.56	1.56	
1690.	7.73	1.19	1.52	1.52	1.51	1.56	1.56	
1702.	7.72	1.16	1.53	1.52	1.52	1.56	1.56	
1746.	7.74	1.15	1.53	1.53	1.52	1.57	1.57	
1760.	7.74	1.14	1.53	1.52	1.52	1.57	1.56	
1798.	7.69	1.12	1.52	1.53	1.51	1.56	1.57	
1829.	7.71	1.11	1.53	1.52	1.52	1.56	1.56	
1861.	7.72	1.09	1.53	1.53	1.51	1.57	1.56	
1890.	7.70	1.16	1.52	1.52	1.51	1.56	1.56	
1923.	7.72	1.10	1.52	1.52	1.51	1.57	1.56	
1957.	7.67	1.15	1.52	1.52	1.51	1.56	1.56	

PACK NO. 218 DEPTH OF DISCHARGE 40 TEST TEMPERATURE 25 C
GULTON HST 6 A.H. PERCENT OF RECHARGE 125 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 4.8	CELL VOLTAGES 1	2	3	4	5	
1547.	5.34	4.76	1.06	.99	1.05	1.05	1.08	END OF DISCHARGE
1579.	5.45	4.74	1.10	1.09	1.09	1.08	1.08	
1613.	5.29	4.72	1.04	.99	1.04	1.05	1.04	
1643.	5.40	4.71	1.09	1.09	1.08	1.07	1.07	
1693.	5.31	4.72	1.07	1.09	1.06	1.06	1.05	
1736.	5.14	4.75	1.03	1.04	1.04	1.03	1.03	
1769.	5.50	4.81	1.11	1.11	1.11	1.10	1.09	
1801.	5.61	4.75	1.13	1.12	1.12	1.11	1.12	
1840.	5.51	4.72	1.11	1.12	1.10	1.09	1.10	
1866.	5.51	4.80	1.11	1.12	1.10	1.09	1.11	
1905.	5.67	4.79	1.13	1.14	1.14	1.11	1.13	
1944.	5.76	4.78	1.15	1.15	1.15	1.14	1.15	
1972.	5.74	4.73	1.15	1.15	1.15	1.13	1.14	
		3.00						
1547.	7.23	3.00	1.44	1.45	1.43	1.45	1.47	END OF CHARGE
1579.	7.29	3.00	1.45	1.46	1.45	1.46	1.46	
1613.	7.28	3.02	1.44	1.45	1.44	1.45	1.44	
1643.	7.29	3.01	1.45	1.46	1.44	1.46	1.46	
1693.	7.27	3.00	1.45	1.46	1.44	1.46	1.46	
1736.	7.29	3.01	1.45	1.46	1.45	1.46	1.46	
1769.	7.30	3.01	1.46	1.47	1.45	1.47	1.46	
1801.	7.28	3.02	1.45	1.47	1.45	1.46	1.47	
1840.	7.34	3.00	1.46	1.47	1.45	1.47	1.47	
1866.	7.31	3.01	1.45	1.47	1.45	1.47	1.47	
1905.	7.45	3.00	1.47	1.49	1.47	1.49	1.49	
1944.	7.40	3.00	1.46	1.48	1.47	1.48	1.48	
1972.	7.40	3.00	1.47	1.47	1.47	1.48	1.48	

PACK NO. 238 DEPTH OF DISCHARGE 25 TEST TEMPERATURE 40 C
GULTON HST 6 A.H. PERCENT OF RECHARGE 160 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 3.0	CELL VOLTAGES 1	2	3	4	5	
1547.	5.49	2.98	1.08	1.00	1.08	1.09	1.09	END OF DISCHARGE
1579.	5.44	2.96	1.08	1.09	1.09	1.08	1.08	
1613.	5.55	2.95	1.09	1.03	1.10	1.10	1.10	
1643.	5.40	2.93	1.07	1.08	1.07	1.07	1.07	
1693.	5.36	2.96	1.06	1.07	1.07	1.07	1.07	
1736.	5.27	2.93	1.04	1.06	1.05	1.05	1.05	
1767.	5.64	2.99	1.09	1.14	1.14	1.13	1.14	
1798.	5.60	2.97	1.10	1.09	1.12	1.11	1.12	
1837.	5.47	2.93	1.08	1.10	1.09	1.09	1.10	
1863.	5.56	2.96	1.09	1.12	1.11	1.11	1.11	
1892.	5.99	2.97	1.16	1.04	1.18.	1.18.	1.16	
1923.	5.51	2.96	1.08	1.10	1.08	1.09	1.11	
1957.	5.92	2.99	1.17	1.18	1.18	1.18	1.17	
		2.40						
1547.	7.02	2.45	1.40	1.41	1.40	1.40	1.42	END OF CHARGE
1579.	7.05	2.45	1.41	1.41	1.40	1.41	1.40	
1613.	7.07	2.44	1.40	1.40	1.40	1.40	1.40	
1643.	7.07	2.42	1.41	1.41	1.40	1.41	1.41	
1693.	7.06	2.46	1.41	1.42	1.41	1.41	1.41	
1736.	7.12	2.45	1.42	1.42	1.41	1.41	1.41	
1767.	7.06	2.43	1.42	1.42	1.41	1.41	1.41	
1798.	7.01	2.41	1.41	1.41	1.40	1.41	1.41	
1837.	7.04	2.36	1.41	1.41	1.41	1.41	1.41	
1863.	7.10	2.22	1.42	1.42	1.41	1.42	1.42	
1892.	7.16	2.03	1.43	1.43	1.42	1.43	1.43	
1923.	7.06	2.33	1.41	1.41	1.40	1.41	1.41	
1957.	7.16	1.92	1.43	1.43	1.42	1.43	1.42	

PACK NO. 243 DEPTH OF DISCHARGE 15 TEST TEMPERATURE 0 C
SONOTONE 3 A.H. PERCENT OF RECHARGE ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT .90	CELL VOLTAGES 1	2	3	4	5	
49.	6.19	.91	1.23	1.24	1.23	1.23	1.23	END OF
77.	6.19	.91	1.23	1.24	1.23	1.23	1.23	DISCHARGE
		.52						
49.	7.33	.52	1.43	1.44	1.45	1.45	1.54	END OF
77.	7.81	.30	1.50	1.52	1.54	1.56	1.67	CHARGE

PACK NO. 231
SONOTONE 3 A.H.

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE

TEST TEMPERATURE 0 C
ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 1.50	CELL VOLTAGES 1	2	3	4	5	
10.	6.02	1.52	1.20	1.20	1.20	1.20	1.18	END OF DISCHARGE
49.	6.02	1.50	1.20	1.20	1.20	1.20	1.19	
77.	5.94	1.50	1.19	1.19	1.19	1.19	1.17	
		.86						
10.	7.71	.41	1.54	1.54	1.54	1.53	1.53	END OF CHARGE
49.	7.38	.92	1.47	1.47	1.47	1.47	1.46	
77.	7.68	.40	1.53	1.54	1.54	1.53	1.53	

PACK NO. 203
SONOTONE 3 A.H.

DEPTH OF DISCHARGE 25
PERCENT OF RECHARGE

TEST TEMPERATURE 25 C
ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 1.50	CELL VOLTAGES 1	2	3	4	5	
29.	6.03	1.51	1.21	1.21	1.20	1.20	1.20	
57.	5.99	1.52	1.20	1.20	1.19	1.19	1.19	END OF DISCHARGE
		.94						
29.	7.18	.95	1.44	1.43	1.43	1.44	1.43	
57.	7.19	.95	1.44	1.43	1.43	1.44	1.43	END OF CHARGE

PACK NO. 59 DEPTH OF DISCHARGE 25 TEST TEMPERATURE 0 C
GUE 6 A.H. 3RD ELECTRODE R 10 10 10 10 10 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 3.00	3RD ELECT VOLTAGES 1	2	3	4	5	CELL VOLTAGES 1	2	3	4	5	AH OUT	
728.	6.00	2.99	.113	.073	.108	.095	.083	1.25	1.26	1.25	1.24	1.24	1.495	END OF
790.	5.95	2.99	.129	.090	.119	.115	.087	1.24	1.24	1.24	1.23	1.24	1.512	DISCHARGE
844.	6.00	2.94	.131	.090	.117	.113	.088	1.25	1.25	1.25	1.24	1.24	1.475	
914.	5.97	2.96	.138	.093	.115	.117	.091	1.24	1.25	1.24	1.24	1.24	1.500	
983.	5.25	2.86	.150	.093	.128	.122	.099	1.30	1.29	1.30	1.29	1.29	1.491	
1036.	5.96	2.92	.135	.082	.113	.109	.086	1.24	1.24	1.24	1.23	1.23	1.481	
1107.	6.00	2.99	.116	.069	.083	.089	.077	1.25	1.25	1.25	1.24	1.24	1.492	
728.	6.82	.07	.075	.057	.179	.176	.106	1.41	1.42	1.42	1.41	1.41		TRIP
790.	7.37	.14	.112	.077	.142	.161	.105	1.52	1.52	1.54	1.52	1.52		POINT
844.	7.30	.13	.112	.079	.146	.164	.104	1.50	1.51	1.52	1.51	1.51		
914.	7.48	.51	.112	.080	.140	.159	.106	1.54	1.54	1.57	1.54	1.54		
983.	7.31	.12	.119	.075	.163	.168	.109	1.51	1.51	1.52	1.51	1.51		
1036.	7.65	1.66	.118	.083	.146	.156	.122	1.57	1.57	1.63	1.57	1.57		
1107.	6.95	.07	.076	.051	.171	.175	.105	1.44	1.44	1.45	1.43	1.44		
													AH IN	
728.	6.69	.05	.115	.088	.223	.196	.130	1.39	1.39	1.39	1.38	1.39	1.652	END OF
790.	7.20	.62	.137	.100	.163	.157	.115	1.49	1.49	1.50	1.49	1.49	1.655	CHARGE
844.	7.19	.50	.137	.099	.161	.156	.115	1.48	1.49	1.50	1.48	1.49	1.675	
914.	7.04	.17	.139	.101	.161	.161	.113	1.46	1.46	1.46	1.45	1.46	1.634	
983.	7.31	.66	.141	.092	.160	.147	.112	1.51	1.51	1.53	1.51	1.51	1.650	
1036.	7.20	.23	.136	.094	.161	.150	.117	1.49	1.48	1.50	1.48	1.49	1.646	
1107.	6.76	.05	.112	.079	.191	.173	.119	1.40	1.40	1.40	1.39	1.40	1.700	

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PACK NO. 71 DEPTH OF DISCHARGE 40 TEST TEMPERATURE 0 C
GUE 6 A.H. 3RD ELECTRODE R 10 10 10 10 10 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 4.80	3RD ELECT VOLTAGES 1	2	3	4	5	CELL VOLTAGES 1	2	3	4	5	AH OUT	
730.	5.83	4.74	.105	.078	.106	.043	.080	1.22	1.22	1.21	1.21	1.21	2.381	END OF
795.	5.80	4.79	.111	.092	.130	.046	.102	1.21	1.21	1.21	1.20	1.21	2.456	CHARGE
846.	5.79	4.75	.108	.091	.130	.046	.106	1.21	1.20	1.21	1.20	1.21	2.530	
912.	5.78	4.76	.113	.092	.131	.045	.000	1.21	1.20	1.20	1.20	1.20	2.396	
1026.	5.84	4.76	.071	.069	.047	.112	.128	1.22	1.22	1.21	1.21	1.21	2.274	
730.	6.80	.22	.112	.144	.173	.098	.060	1.41	1.41	1.41	1.41	1.41		TRIP
795.	7.27	.21	.098	.145	.163	.081	.114	1.50	1.51	1.51	1.51	1.50		POINT
846.	7.26	.18	.100	.145	.160	.080	.112	1.49	1.50	1.51	1.51	1.50		
912.	7.29	.18	.101	.148	.159	.079	.112	1.51	1.51	1.51	1.51	1.50		
1026.	6.96	.62	.081	.107	.093	.156	.160	1.43	1.44	1.44	1.44	1.45		
													AH IN	
730.	6.66	.05	.173	.159	.213	.106	.095	1.38	1.38	1.38	1.38	1.38	2.521	END OF
795.	7.08	.52	.129	.120	.160	.073	.120	1.47	1.47	1.47	1.47	1.46	2.552	DISCHARGE
846.	7.09	.58	.128	.119	.161	.073	.120	1.46	1.47	1.47	1.47	1.46	2.640	
912.	7.07	.47	.130	.120	.161	.072	.123	1.46	1.46	1.46	1.46	1.46	2.527	
1026.	6.71	.04	.131	.119	.110	.174	.179	1.39	1.39	1.39	1.38	1.39	2.547	

PACK NO. 11 DEPTH OF DISCHARGE 40 TEST TEMPERATURE 25 C
CDE 5 A.H. 3RD ELECTRODE R 24 24 10 3 24 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 4.80	3RD ELECT VOLTAGES 1	2	3	4	5	CELL VOLTAGES 1	2	3	4	5	AH OUT	
1674.	5.53	3.14	.324	.279	.211	.212	.29-	1.15	1.15	1.16	1.15	1.17	2.348	END OF
1731.	5.35	4.71	.285	.245	.153	.170	.247	1.11	1.12	1.12	1.11	1.12	2.356	DISCHARGE
1794.	5.25	4.73	.277	.229	.159	.161	.225	1.09	1.10	1.10	1.09	1.10	2.430	
1864.	5.24	4.73	.279	.228	.157	.160	.22-	1.09	1.10	1.09	1.09	1.10	2.396	
1985.	5.56	4.72	.290	.243	.182	.177	.246	1.16	1.16	1.16	1.15	1.15	2.366	
2057.	5.37	4.77	.276	.225	.176	.168	.221	1.11	1.11	1.13	1.12	1.12	2.351	
1674.	7.15	3.45	.322	.266	.180	.188	.253	1.48	1.49	1.49	1.48	1.48		TRIP
1731.	7.15	3.36	.320	.273	.174	.179	.256	1.47	1.48	1.49	1.47	1.48		POINT
1794.	7.14	2.72	.321	.262	.177	.180	.249	1.47	1.48	1.48	1.47	1.48		
1864.	7.15	3.11	.321	.259	.175	.176	.248	1.47	1.48	1.49	1.47	1.48		
1985.	7.12	1.52	.322	.273	.187	.178	.269	1.47	1.48	1.48	1.47	1.47		
2057.	7.11	1.24	.325	.268	.194	.181	.260	1.46	1.47	1.48	1.46	1.47		
													AH IN	
1674.	6.81	.07	.359	.315	.214	.209	.301	1.42	1.42	1.42	1.41	1.41	2.596	END OF
1731.	6.80	.07	.354	.323	.208	.203	.299	1.41	1.41	1.42	1.40	1.41	2.652	CHARGE
1794.	6.82	.07	.353	.313	.208	.201	.285	1.41	1.41	1.42	1.41	1.41	2.693	
1864.	6.82	.07	.353	.310	.209	.199	.287	1.41	1.41	1.42	1.41	1.41	2.635	
1985.	6.82	.07	.348	.308	.210	.195	.294	1.41	1.41	1.42	1.40	1.41	2.637	
2057.	6.84	.07	.351	.304	.217	.199	.283	1.42	1.42	1.42	1.41	1.42	2.638	

PACK NO. 23 DEPTH OF DISCHARGE 25 TEST TEMPERATURE 25 C
GUE 6 A.H. 3RD ELECTRODE R 12 18 20 29 24 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 3.00	3RD ELECT VOLTAGES 1	2	3	4	5	CELL VOLTAGES 1	2	3	4	5	AH OUT	
1675.	5.44	3.12	.185	.223	.189	.241	.281	1.13	1.13	1.15	1.12	1.12	1.517	END OF
1733.	5.56	3.09	.176	.190	.199	.252	.266	1.16	1.16	1.16	1.15	1.15	1.514	DISCHARGE
1795.	5.49	3.02	.171	.185	.199	.248	.259	1.15	1.15	1.14	1.14	1.14	1.595	
1861.	5.48	3.03	.168	.181	.194	.243	.253	1.15	1.15	1.14	1.14	1.14	1.472	
1926.	5.55	3.04	.170	.190	.193	.241	.266	1.16	1.16	1.16	1.15	1.15	1.474	
1987.	5.73	3.03	.177	.191	.198	.249	.266	1.20	1.20	1.20	1.19	1.19	1.496	
2058.	5.61	3.05	.172	.183	.194	.240	.250	1.17	1.17	1.16	1.16	1.17	1.484	
1675.	7.02	1.28	.232	.221	.249	.290	.315	1.46	1.46	1.46	1.45	1.46		TRIP
1733.	7.05	1.46	.228	.223	.244	.284	.310	1.46	1.46	1.46	1.45	1.46		POINT
1795.	7.04	1.32	.225	.223	.247	.284	.309	1.46	1.46	1.46	1.45	1.46		
1861.	6.93	.12	.229	.226	.250	.285	.313	1.44	1.44	1.44	1.43	1.43		
1926.	6.93	.10	.229	.233	.251	.284	.315	1.44	1.44	1.44	1.43	1.43		
1987.	7.08	1.12	.224	.227	.242	.275	.320	1.47	1.47	1.47	1.45	1.46		
2058.	6.95	.02	.234	.227	.255	.284	.316	1.44	1.44	1.44	1.43	1.44		
													AH IN	
1675.	6.75	.01	.253	.243	.278	.327	.357	1.41	1.41	1.41	1.40	1.41	1.787	END OF
1733.	6.77	.00	.244	.251	.276	.324	.350	1.40	1.40	1.41	1.40	1.40	1.803	CHARGE
1795.	6.77	.00	.242	.249	.277	.321	.344	1.40	1.40	1.40	1.40	1.40	1.879	
1861.	6.76	.00	.245	.248	.274	.320	.343	1.40	1.40	1.40	1.40	1.40	1.758	
1926.	6.76	.00	.245	.255	.277	.319	.341	1.40	1.40	1.40	1.40	1.40	1.755	
1987.	6.78	.02	.239	.249	.265	.310	.340	1.40	1.41	1.41	1.40	1.40	1.824	
2058.	6.80	.01	.245	.246	.272	.312	.335	1.41	1.41	1.41	1.40	1.41	1.820	

PACK NO. 35 DEPTH OF DISCHARGE 15 TEST TEMPERATURE 40 C
GUE 6 A.H. 3RD ELECTRODE R 47 47 47 47 47 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 1.80	3RD ELECT VOLTAGES 1	2	3	4	5	CELL VOLTAGES 1	2	3	4	5	AH OUT	
10.	6.11	1.85	.284	.292	.237	.105	.139	1.26	1.26	1.27	1.28	1.28	.907	END OF DISCHARGE
10.	6.75	.27	.316	.310	.288	.175	.204	1.39	1.39	1.40	1.40	1.41		TRIP POINT
10.	6.64	.05	.368	.369	.343	.207	.252	1.37	1.37	1.37	1.38	1.39	AH IN 1.066	END OF CHARGE

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PACK NO. 47, DEPTH OF DISCHARGE 25 TEST TEMPERATURE 40 C
GUE 6 A.H. 3RD ELECTRODE R 11 47 12 36 47 ORBIT PERIOD 90 MIN.

CYCLE NO.	PACK VOLTAGE	CURRENT 3.00	3RD ELECT VOLTAGES 1	2	3	4	5	CELL VOLTAGES 1	2	3	4	5	AH OUT	
295.	5.79	2.98	.155	.190	.177	.197	.236	1.19	1.21	1.21	1.21	1.20	1.504	END OF
352.	4.92	2.81	.081	.119	.101	.111	.192	1.02	1.04	1.06	1.06	.95	1.489	DISCHAR
419.	5.04	2.79	.121	.234	.138	.220	.284	1.05	1.07	1.15	1.13	.86	1.630	
435.	3.69	2.24	.083	.192	.101	.191	.254	.70	.73	.96	.77	.72	1.444	
549.	4.36	2.42	.099	.216	.155	.241	.242	.82	.84	1.07	1.00	.83	1.511	
619.	3.60	2.20	.129	.230	.181	.211	.238	.71	.71	.90	.76	.72	1.466	
295.	6.81	1.10	.178	.283	.166	.304	.326	1.41	1.42	1.41	1.41	1.41		TRIP
352.	6.84	1.12	.157	.238	.142	.232	.324	1.41	1.42	1.42	1.41	1.42		POINT
435.	6.81	1.19	.138	.230	.153	.236	.325	1.41	1.41	1.41	1.40	1.41		
619.	6.85	1.81	.171	.300	.191	.267	.314	1.42	1.42	1.42	1.42	1.42		
													AH IN	
295.	6.61	.05	.228	.373	.219	.376	.401	1.37	1.38	1.37	1.37	1.37	1.780	END OF
352.	6.64	.05	.198	.317	.191	.301	.401	1.37	1.38	1.38	1.37	1.38	1.736	CHARGE
419.	6.68	.06	.161	.296	.181	.299	.374	1.38	1.39	1.38	1.38	1.38	1.503	
435.	6.61	.05	.158	.289	.176	.298	.369	1.37	1.37	1.37	1.37	1.37	1.598	
549.	6.68	.05	.172	.342	.207	.353	.377	1.38	1.39	1.39	1.38	1.38	1.695	
619.	6.60	.05	.193	.360	.219	.332	.360	1.37	1.37	1.37	1.37	1.37	1.602	