8 P.

N64-26363

Code-1 Cat. 06

nasa Cr-58060

MONTHLY PROGRESS REPORT THROUGH 30 JUNE 1964

LIFE CYCLE TESTS

1. Status of Cycling Program.

a. Total number of packs scheduled for cycling - 90.

(1) 50 ten-cell packs and 40 five-cell packs.

b. Total number of packs on cycle to date - 82.

(1) 44 ten-cell packs - Nickel Cadmium.

(a) 12 - General Electric Co. 3.0 A.H. packs.

(b) 10 - Gould National Batteries, Inc. 3.5 A.H. packs.

1. Two packs have been removed from test as six of the ten-cells failed in one pack and all cells in the other.

(c) 12 - Sonotone Corp. 5.0 A.H. packs.

(d) 10 - Gulton Industries, Inc. 6.0 A.H. packs.

1. Two packs have been removed from test as six of the ten-cells in each pack failed.

(2) 2 ten-cell packs - Silver Cadmium.

(a) 2 - Yardney Electric Corp. 12 A.H. packs.

(3) 36 five-cell packs - Nickel Cadmium.

(a) 13 - General Electric Co. 12 A.H. packs.

(b) 10 - Gould National Batteries, Inc. 20 A.H. packs.

1. Two packs have been removed from test as three of the five-cells in each pack failed.

(c) 1 - Gulton Industries, Inc. 6.0 A.H. packs.

(d) 2 - Gulton Industries, Inc. 50 A.H. packs.

(e) 10 - Gulton Industries, Inc. 20 A.H. packs.

1. Three of these five-cell packs have been removed from test for failures of four, five and three cells respectively.

Enclosure (1)

OTS PRICE

XEROX $ 8.10 ph.

MICROFILM $ _____

2. Test Parameters.

a. Ambient Temperatures:

(1) 0° C.

(2) 25° C.

(3) 40° C.

b. Voltage limits per pack on charge:

(1) 1.55 ± 0.03 volts per cell at 0° C.

(2) 1.49 ± 0.03 Volts per cell at 25° C.

(3) 1.45 ± 0.03 volts per cell at 40° C.

c. Depths of Discharge:

(1) 90 minute and 3 hour orbits.

(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.

(2) 24 hour orbits.

(a) 50 percent at 0° C., 25° C. and 40° C.

d. Orbit Times:

(1) 90 minutes - 30-minute discharge and 60-minute charge

(2) 3 hours - 30-minute discharge and 150-minute charge.

(3) 24 hours - 1-hour discharge and 23-hour charge.

4. Data.

a. Normal operation schedules complete data to be recorded on 90-minute and 3-hour packs every 32 cycles. On 24-hour cycles, 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.

5. Cell Failures.

Cell Type	Failures June 1 through June 30, 1964	Total Failures To Date
General Electric 3.0 A.H.	4	9
Gould 3.5 A.H.	6	19
Sonotone 5.0 A.H.	3	6
Gulton 6.0 A.H.	5	32
General Electric 12 A.H.	0	0
Gould 20 A.H.	3	9
Gulton 20 A.H.	4	15

6. Cell Failure Analysis.

a. All failure analysis results are cumulative instead of covering a one month period. Permission has been obtained from Gould National Batteries to have their cells analyzed by NAD Crane personnel.

7. Capacity Tests.

a. Prior to 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/cell average. After each 88 days of cycling, each pack was discharged at the c/2 rate to 1.0 volt/cell average following a charge at the cycle rate. The pack was then recharged at the c/10 rate for 16 hours and discharged at the c/2 rate to 1.0 volt/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 9 through 11.

Cell Type: Gould 3.5 Ampere Hour

PACK NO.	CELL NO.	POSITION IN PACK	TEST* PARAMETERS	CYCLE FAILED	FAILURE ANALYSIS
4	81	7	1, 4, 8	1609	Low Volt. Disch., Normal Volt. Chg., Leaked, Lost 3.2 gm., High Pres. Bulge Top, Burnt Separator Near Top - Foreign Particle
4	90	8	1, 4, 8	1826	Low Volt. Disch., Low Volt. Chg., Leaked, Lost 2.7 gm., High Pres. Bulge Top
28	122	2	2, 4, 7	408	Low Volt. Disch., Normal Volt. Chg., Leaked, Lost 1.8 gm., Weak Bottom Weld Suspicious Spot but Not Definite
28	157	7	3, 4, 7	484	Low Volt. Disch., Normal Volt. Chg., Leaked, Lost 2.0 gm., High Pres. Bulge
28	158	8	3, 4, 7	484	Low Volt. Disch., Normal Volt. Chg., Leaked, Lost 1.9 gm., High Pres. Bulge Top
28	141	5	3, 4, 7	860	Low Volt. Disch., High Volt. Chg., Leaked, Lost 3.5 gm.
32	125	6	2, 5, 7	138	Low Volt. Disch., Normal Volt. Chg., Bottom Weld Weak, Greenish Corrosion Inside at Neg. Lead
32	65	3	2, 5, 7	495	Low Volt. Disch., Normal Volt. Chg., Leaked, Lost 1.5 gm., Bad Glass Around Terminal

Cell Type: Gulton 6.0 Ampere Hour

13	2305	1	1, 4, 7	308	Low Volt. Disch., High Volt. Chg., Lost 12 gm., CO_3 Top Ceramic, High Pres. Bulge
13	2355	10	1, 4, 7	502	Low Volt. Disch., High Volt. Chg., Lost 10 gm., High Pres. Bulge
14	1623	4	1, 4, 8	262	Low Volt. Disch., High Volt. Chg., Lost 12 gm., High Pres. Bulge
14	1635	5	1, 4, 8	262	Voltage Fell Off During Charge, Went Flat In 3 Min. Of Disch., Lost 6 gm., Concave Wall, High Pres. Bulge, Ceramic Broken Inside Case, CO_3 On Outside Of Ceramic, Positive Terminal Loose

Cell Type: Gulton 6.0 Ampere Hour

PACK NO.	CELL NO.	POSITION IN PACK	TEST* PARAMETERS	CYCLE FAILED	FAILURE ANALYSIS
14	2356	1	1, 4, 8	450	Low Volt. Disch., High Volt. Chg., Lost 12 gm., High Pres.
14	2387	2	1, 4, 8	1113	Low Volt. Disch., High Volt. Chg., Ceramic Short
14	2391	3	1, 4, 8	1618	Low Volt. Disch., Low Volt. Chg., Ceramic Short
14	3208	7	1, 4, 8	2086	Low Volt. Disch., Normal Volt. Chg., Ceramic Short
17	1862	5	1, 5, 7	721	Low Volt. Disch., High Volt. Chg., Ceramic Short
17	1823	3	1, 5, 7	721	Low Volt. Disch., High Volt. Chg., High Pres. Bulge, Burnt Spot on Neg. Plate Near Bottom Second From End, Ceramic Short
18	1826	6	1, 5, 8	365	Low Volt. Disch., Chg. Volt. Normal, Lost 3 gm., Concave Wall, Ceramic Short
18	1615	3	1, 5, 8	608	Low Volt. Disch., Normal Volt. Chg., Deposit Top of Pos. Terminal, Lost 5.1 gm., High Pres. Bulge
18	1827	7	1, 5, 8	643	Low Volt. Disch., High Volt. Chg., High Pres. Bulge, Ceramic Short
18	2228	9	1, 5, 8	643	Low Volt. Disch., High Volt. Chg., Ceramic Short
37	1764	3	2, 4, 6	239	Low Volt. Disch., Volt. Did Not Increase On Following Chg. (1.00 V.), Lost 4 gm., Ceramic Short
37	1784	8	3, 4, 6	1566	Low Volt. Disch., Low Volt. Chg., Lost 10.5 gm., Ceramic Short
38	1454	8	2, 4, 7	37	No Volt. On Chg. Or Disch., Ceramic Short
38	1815	6	2, 4, 7	114	Volt. Fell Off During Disch., Chg. Volt. Slightly Low, Lost 3.5 gm., Ceramic Short
38	1853	9	3, 4, 7	187	Rev. On Disch., Chg. Volt. Normal, Lost 4 gm., Deposits Around Pos. Terminal (Outside), Ceramic Short
38	1627	3	3, 4, 7	225	Low Volt. Disch., High Volt. Chg. On Cycle 219, Dead On ~225, Lost 3.5 gm.

Cell Type: Gulton 6.0 Ampere Hour

PACK NO.	CELL NO..	POSITION IN PACK	TEST* PARAMETERS	CYCLE FAILED	FAILURE ANALYSIS
38	2405	5	3, 4, 7	1333	Low Volt. Disch., Normal Volt. Chg., Pos. Buss Shorted to Case
38	1626	2	3, 4, 7	1377	Low Volt. Disch., Low Volt. Chg., High Pres. Bulge, Ceramic Short
41	1771	9	3, 5, 6	650	Low Volt. Disch., High Volt. Chg., Ceramic Short
41	3135	2	3, 5, 6	1132	Low Volt Disch., Normal Volt. Chg., Ceramic Short
41	1801	6	3, 5, 6	1063	Low Volt. Disch., Normal Volt. Chg.
42	2309	8	3, 5, 7	96	Low Volt. Disch., Normal Volt. Chg., Ceramic Short
42	2346	7	3, 5, 7	383	Low Volt. Disch., Low Volt. Chg., CO_3 on Bottom of Case, Ceramic Short
42	918	1	3, 5, 7	484	Low Volt. Disch., Low Volt. Chg., High Pres. Bulge, Deposit on Bottom of Case, Ceramic Short, Lost 3.1 gm.
42	2306	9	3, 5, 7	417	Low Volt, Disch., High Volt. Chg., Ceramic Short
61	1622	2	0, 4, 6	1	Volt. Between 0.25 And 0.3 V. Throughout Cycle, Side Concave, Burnt Case, End Neg. Pushed Into Pos. Tab.
61	1845	8	0, 4, 6	6	Lost 5 gm., Leak At Weld On Bottom, High Pres. Bulge
66	1794	6	0, 5, 7	1045	Low Volt. Disch., High Volt. Chg., High Pres. Bulge, Concave Side, Ceramic Broken, No Seal, Lost 5.1 gm., Pos. Buss Shorted Against Case
66	1781	5	0, 5, 7	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.
66	1843	8	0, 5, 7	1174	Low Volt. Disch., Low Volt. Chg., Wall Concave, Ceramic Short

Cell Type: Gould 20 Ampere Hour

PACK No.	CELL NO.	POSITION IN PACK	TEST* PARAMETERS	CYCLE FAILED	FAILURE ANALYSIS
119	73	5	1, 5, 8	222	Normal Volt. Disch., Low Volt. Chg., Short Near Bottom of 5th or 6th Pos. No Obvious Cause

Cell Type: Gulton 20 Ampere Hour

73	396	3	1, 4, 7	1776	Low Volt. Disch., Normal Volt. Chg., Concave Side, Neg. Ceramic Seal Broken, Lost 23.7 gm.
87	468	1	1, 4, 8	163	Low Volt. Disch., High Volt. Chg., High Pres. Bulge, Lost 8 gm.
87	388	2	1, 4, 8	209	Low Volt. Disch., High Volt. Chg., Lost 26.7 gm., Ceramic Short Around Pos. Terminal
87	394	3	1, 4, 8	627	Low Volt. Disch., High Volt. Chg., Lost 16.4 gm., High Pres. Bulge, Deposit on Both Terminals, Ceramic Short, Neg. to Case
87	454	4	1, 4, 8	627	Low Volt. Disch., Low Volt. Chg., Lost 21.6 gm., Deposit on Both Terminals, Sides Concave Hit Buss on Both Sides
87	386	5	1, 4, 8	627	Low Volt. Disch., Low Volt. Chg., Lost 18.1 gm., High Pres. Bulge, Burnt Separator 5 or 6 Neg. Plate Near Top, Ceramic Short
88	422	2	1, 5, 8	153	Low Volt. Disch., High Volt. Chg., High Pres. Bulge, Bottom Ceramic Leak, Lost 25 gm.
88	404	1	1, 5, 8	153	Low Volt. Disch., High Volt. Chg., High Pres. Bulge, Bottom Ceramic Leak, Lost 24 gm.
88	466	3	1, 5, 8	358	Low Volt. Disch., High Volt. Chg., High Pres. Bulge, Lost 16.4 gm.
88	429	5	1, 5, 8	358	Low Volt. Disch., Low Volt. Chg., Ceramic Short Around Pos. Terminal
102	449	2	0, 5, 6	135	Volt. Fell Suddenly At End Of Chg., Burn Spots At Busses, Concave Around Spots, End Neg. Pushed Into Pos. Tab

Cell Type: Gulton 20 Ampere Hour

PACK NO.	CELL NO.	POSITION IN PACK	TEST* PARAMETERS	CYCLE FAILED	FAILURE ANALYSIS
115	490	3	0, 4, 7	2108	Low Volt. Disch., Normal Volt. Chg., Walls Concave, Busses Shorted To Case, Lost 26.9 gm.
115	508	2	0, 4, 7	2203	High Pres. Bulge, Blisters On Pos. Plate, Busses Shorted To Case
115	467	4	0, 4, 7	2291	Black Deposit On Outside Of Neg. Terminal, High Pres. Bulge, Busses Shorted To Case, Blisters On Pos. Plate, Burnt Spot On Separator

* Test Parameters -

0 - 0° C.	3 - 40° C.	6 - 15% Depth of Discharge.
1 - 25° C.	4 - 90-minute Orbit.	7 - 25% Depth of Discharge.
2 - 50° C.	5 - 3-hour Orbit.	8 - 40% Depth of Discharge.

AMPERE-HOUR CAPACITIES ON
PRECONDITIONING CYCLES AND CAPACITY CHECKS

TYPE	PERCENT DEPTH OF DISCHARGE	TEMP. °C.	ORBIT PERIOD	DISCHARGE AMPERE-HOURS* (1)	(2)	(3)	(4)	(5)	(6)	(7)
G.E. 3 A.H.	15	0	90 Min	3.48		3.18	3.12			
	25	0		3.50		3.33	3.70			
	25	25		4.00		3.38	2.93			
	40	25		4.08		2.75	2.10			
	15	50/40		1.65	2.43 (779)	2.10	1.53			
	25	50/40		1.80	2.50 (1440)	0.88 **				
G.E. 3 A.H.	15	0	3 Hrs	3.63		3.25	3.40			
	25	0		3.50		3.35				
	25	25		3.93		3.78	3.48			
	40	25		3.78		3.00	2.35			
	15	50/40		1.77	2.63 (320)	2.20				
	25	50/40		1.60	2.00 (327)	1.35				
Gould 3.5 A.H.	15	0	90 Min	3.62		4.00	3.33			
	25	0		3.33		3.85	3.53			
	25	25		4.00		3.82	2.92			
	40	25		3.94		3.38	2.77			
	15	50/40		1.52	2.63 (779)	2.07	1.95			
	25	50/40		1.55	2.07 (424)	2.95	PACK FAILED:		CYCLE	1311
Gould 3.5 A.H.	15	0	3 Hrs	3.27		3.59	3.15			
	25	0		3.50		3.91	3.53			
	25	25		4.32		4.03	3.79			
	40	25		4.29		3.68	3.35			
	15	50/40		1.60	1.31 (328)	1.75				
	25	50/40		1.55	1.66 (495)	1.49	PACK FAILED:		CYCLE	975
Sonotone 5 A.H.	15	0	90 Min	5.45		5.54	5.50			
	25	0		5.04		4.96	4.58			
	25	25		5.42		3.67	2.33			
	40	25		6.42		4.38	4.17			
	15	50/40		3.08	3.63 (703)	2.25				
	25	50/40		3.17	3.17 (445)	2.75				
Sonotone 5 A.H.	15	0	3 Hrs	5.67		5.79	5.67			
	25	0		4.92		3.96	3.96			
	25	25		5.71		4.58	3.04			
	40	25		5.83		4.50				
	15	50/40		3.33	4.92 (223)	2.75				
	25	50/40		3.75	3.50 (183)	1.88				

* (1) Initial Preconditioning.
(2) Preconditioning at Change to 40° C. Number of cycles completed at 50° C. is in parentheses.
(3) Capacity check after First 88 days of cycling. (** Still at 50° C.)
(4) Capacity check after Second 88 days.
(5) Capacity check after Third 88 days.
(6) Capacity check after Fourth 88 days.
(7) Capacity check after Fifth 88 days.

AMPERE-HOUR CAPACITIES ON
PRECONDITIONING CYCLES AND CAPACITY CHECKS

TYPE	PERCENT DEPTH OF DISCHARGE	TEMP. °C.	ORBIT PERIOD	DISCHARGE AMPERE-HOURS* (1)	(2)	(3)	(4)	(5)	(6)	(7)
Gulton 6 A.H.	15	0	90 Min	5.00		5.10				
	25	0		5.00		4.75				
	25	25		5.80		2.75				
	40	25		6.40		3.45	PACK FAILED:		CYCLE	2086
	15	50/40		2.75	3.60 (239)	1.70				
	25	50/40		2.65	2.90 (114)	1.55	PACK FAILED:		CYCLE	1377
Gulton 6 A.H.	15	0	3 Hrs	4.50		5.45	5.35			
	25	0		4.25		5.00	3.50			
	25	25		5.80		3.65	3.45			
	40	25		4.55		4.95				
	15	50/40		2.75	4.55 (239)	2.05				
	25	50/40		2.60	3.80 (96)	2.15				
G.E. 12 A.H.	15	0	90 Min	13.9		12.7				
	25	0		14.2		13.5				
	25	25		15.2		8.00				
	40	25		14.8		6.00				
	15	50/40		6.80	8.20 (234)	5.00				
	25	50/40		6.90	6.00 (195)	4.90				
G.E. 12 A.H.	15	0	3 Hrs	14.2		13.2				
	25	0		14.6		13.0				
	25	25		15.2		11.7				
	40	25		14.9		5.60				
	15	50/40		7.10	8.20 (205)	6.30				
	25	50/40		7.00	9.80 (70)	3.80				
Gould 20 A.H.	15	0	90 Min	22.5		27.7				
	25	0		23.0		21.2				
	25	25		25.0		18.5				
	40	25		24.7		23.3				
	15	50/40		9.67	6.83 (183)	15.7				
	25	50/40		9.00	13.9 (1326)	15.2	PACK FAILED:		CYCLE	1574
Gould 20 A.H.	15	0	3 Hrs	23.0		23.2				
	25	0		23.0		17.5				
	25	25		23.3		23.5				
	40	25		24.8		24.7				
	15	50/40		9.50	9.67 (47)	11.8				
	25	50/40		9.33	7.50 (756)	8.17 **				

* (1) Initial Preconditioning.
(2) Preconditioning at Change to 40° C. Number of cycles completed at 50° C. is in parentheses.
(3) Capacity check after First 88 days of cycling. (** Still at 50° C.)
(4) Capacity check after Second 88 days.
(5) Capacity check after Third 88 days.
(6) Capacity check after Fourth 88 days.
(7) Capacity check after Fifth 88 days.

AMPERE-HOUR CAPACITIES ON
PRECONDITIONING CYCLES AND CAPACITY CHECKS

TYPE	PERCENT DEPTH OF DISCHARGE	TEMP. °C.	ORBIT PERIOD	DISCHARGE AMPERE-HOURS* (1)	(2)	(3)	(4)	(5)	(6)	(7)
Gulton 20 A.H.	15	0	90 Min	17.2		12.5				
	25	0		17.7		11.2	PACK FAILED:		CYCLE	2288
	25	25		23.3		7.17				
	40	25		23.3	PACK FAILED:	CYCLE	627			
	15	50/40		10.3	13.8 (172)	6.50				
	25	50/40		9.00	11.3 (65)	6.00				
Gulton 20 A.H.	15	0	3 Hrs	16.7		18.8				
	25	0		21.7		20.7				
	25	25		20.3		6.17				
	40	25		19.8	PACK FAILED: CYCLE 358					
	15	50/40		9.50	12.7 (71)	7.33				
	25	50/40		9.17	10.3 (47)	6.67				
Yardney 12 A.H.	50	0	24 Hrs	13.8						
	50	40		13.5						
Gulton 6 A.H.	50	25	24 Hrs	6.60						
G.E. 12 A.H.	50	25	24 Hrs	13.0						

* (1) Initial Preconditioning.
(2) Preconditioning at Change to 40° C. Number of cycles completed at 50° C. is in parentheses.
(3) Capacity check after First 88 days of cycling.
(4) Capacity check after Second 88 days.
(5) Capacity check after Third 88 days.
(6) Capacity check after Fourth 88 days.
(7) Capacity check after Fifth 88 days.

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.	3	63	0	0.5	1.0	15	115	1.55	2635	3104	331	10	10
		64	0	"	"	25	"	"	2647	3118	469	10	10
		15	25	"	"	25	125	1.49	2633	3090	457	10	10
		16	25	"	"	40	"	"	2647	3088	441	10	10
		39	40	"	"	15	160	1.45	2281	2737	456	8	7
		40	50	"	"	25	"	1.41	2183	2461	278	7	5
		67	0	"	2.5	15	115	1.55	1245	1421	176	10	10
		68	0	"	"	25	"	"	1204	1412	208	10	10
		19	25	"	"	25	125	1.49	1253	1428	175	10	10
		20	25	"	"	40	"	"	1169	1384	215	10	10
		43	40	"	"	15	160	1.45	1130	1330	200	10	9
		44	40	"	"	25	"	"	1094	1334	240	10	10
GOULD	3.5	51	0	"	1.0	15	115	1.55	2635	3104	469	10	10
		52	0	"	"	25	"	"	2655	3104	469	10	10
		3	25	"	"	25	125	1.49	2633	3090	457	10	9
		4	25	"	"	40	"	"	2612	3029	417	7	6
		27	40	"	"	15	160	1.45	2276	2733	457	10	10
		28	40	"	"	25	"	"	—	—	—	0	0
		55	0	"	2.5	15	115	1.55	1245	1421	176	10	10
		56	0	"	"	25	"	"	1188	1376	208	10	10
		7	25	"	"	25	125	1.49	1253	1428	175	10	10
		8	25	"	"	40	"	"	1169	1384	215	10	9
		31	40	"	"	15	160	1.45	1130	1330	200	10	10
		32		"	"	25	"	1.41	844	944	98	5	0

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 REVERSING IN PACK INITIAL	CELLS REVERSING IN PACK FINAL
SONOTONE	5	49	0	0.5	1.0	15	115	1.55	2408	2845	437	9	9
		50	0	"	"	25	"	"	2366	2806	440	10	10
		1	25	"	"	25	125	1.49	2468	2892	424	10	10
		2	25	"	"	40	"	"	2455	2920	465	10	10
		25	40	"	"	15	160	1.45	2202	2690	488	10	10
		26	40	"	"	25	"	"	1874	2383	509	10	10
		53	0	"	2.5	15	115	1.55	1076	1314	238	10	10
		54	0	"	"	25	"	"	1078	1286	208	10	10
		5	25	"	"	25	125	1.49	1110	1349	239	10	10
		6	25	"	"	40	"	"	1092	1325	233	9	9
		29	40	"	"	15	160	1.45	989	1227	238	10	10
		30	40	"	"	25	"	"	910	1148	238	9	9
GULTON	6	61	0	"	1.0	15	115	1.55	2442	2932	490	10	10
		62	0	"	"	25	"	"	2466	2980	514	10	10
		13	25	"	"	25	125	1.49	1913	2403	490	8	8
		14	25	"	"	40	"	"	1720	2086	366	5	0
		39	40	"	"	15	160	1.45	1577	2083	506	8	8
		38	40	"	"	25	"	"	—	—		0	0
		65	0	"	2.5	15	115	1.55	1184	1423	239	10	10
		66	0	"	"	25	"	"	1068	1268	200	7	7
		17	25	"	"	25	125	1.49	1059	1298	239	8	8
		18	25	"	"	40	"	"	951	1168	217	6	6
		41	40	"	"	15	160	1.45	959	1146	187	9	9
		42	40	"	"	25	"	"	734	959	225	6	6

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.	12	110	0	0.5	1.0	15	115	1.55	2112	2596	484	5	5
		124	0	"	"	25	"	"	2208	2674	466	5	5
		82	25	"	"	25	125	1.49	2229	2697	468	5	5
		96	25	"	"	40	"	"	2228	2696	408	5	5
		85	40	"	"	15	160	1.45	1846	2358	512	5	5
		99	40	"	"	25	"	"	1661	2173	512	5	5
		111	0	"	2.5	15	115	1.55	1088	1327	239	5	5
		125	0	"	"	25	"	"	1088	1327	239	5	5
		83	25	"	"	25	125	1.49	1091	1322	231	5	5
		97	25	"	"	40	"	"	1082	1313	331	5	5
		86	40	"	"	15	160	1.45	1013	1314	301	5	5
		100	40	"	"	25	"	"	890	1061	171	5	5
Gould	20	84	0	"	1.0	15	115	1.55	1934	2441	507	5	5
		98	0	"	"	25	"	"	1882	2396	514	5	5
		104	25	"	"	25	125	1.49	1935	2371	436	5	5
		118	25	"	"	40	"	"	1454	1968	514	5	3
		112	40	"	"	15	160	1.45	1695	2209	514	5	5
		126	40	"	"	25	"	1.41	—	—		0	0
		80	0	"	2.5	15	115	1.55	996	1235	239	5	5
		94	0	"	"	25	"	"	871	1099	228	5	5
		105	25	"	"	25	125	1.49	921	1173	252	5	5
		119	25	"	"	40	"	"	851	1362	511	4	4
		108	40	"	"	15	160	1.45	818	1057	239	5	5
		122	40	"	"	25	"	1.41	768	936	168	5	3

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	20	101	0	0.5	1.0	15	115	1.55	[illegible]	[illegible]	484	5	5
		115	0	"	"	35	"	"	[illegible]	[illegible]	330	5	0
		93	35	"	"	35	125	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		87	35	"	"	40	"	"	—	—	—	[illegible]	[illegible]
		96	40	"	"	15	110	[illegible]	[illegible]	[illegible]	514	5	5
		90	40	"	"	[illegible]	"	"	[illegible]	[illegible]	[illegible]	5	5
		102	0	"	2.5	15	[illegible]	[illegible]	[illegible]	1110	[illegible]	[illegible]	[illegible]
		116	0	"	"	35	"	"	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		94	35	"	"	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	190	[illegible]	5
		88	35	"	"	40	"	"	—	—	—	[illegible]	[illegible]
		99	40	"	"	[illegible]	100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		91	40	"	"	[illegible]	"	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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
YARDNEY	12	57	0	1.0	23.0	50	*		96	126	30	10	10
		33	40	"	"	"	*		99	129	30	9	8
SOLTON	6	79	25	1.0	23.0	50	200		57	87	20	5	5
G. E.	12	73	25	1.0	23.0	50	200		57	87	20	5	5
		25	0°	0.5	1.5	25	115		1	327	326	5	5
		128	40°	0.5	1.5	15	160		1	137	136	5	5
BURTON	50												

* DOES NOT APPLY.

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

DEPTH OF DISCHARGE: 15 %
PERCENT OF RECHARGE: 115 %

TEST TEMPERATURE: 0°C
ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	.900 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	2742	12.48	.90	1.24	1.25	1.25	1.24	1.25	1.24	1.24	1.24	1.27	1.24
	2787	12.47	.91	1.23	1.23	1.23	1.22	1.23	1.22	1.22	1.22	1.26	1.22
	2819	12.41	.91	1.23	1.23	1.24	1.22	1.23	1.22	1.23	1.23	1.26	1.22
	2851	12.41	.91	1.23	1.23	1.23	1.22	1.23	1.22	1.22	1.22	1.25	1.21
	2883	12.40	.91	1.23	1.22	1.22	1.21	1.22	1.21	1.21	1.21	1.25	1.21
	2946	12.64	.91	1.26	1.26	1.26.	1.25	1.25	1.25	1.25	1.27	1.25	1.24
	3006	12.41	.91	1.24	1.24	1.24	1.23	1.23	1.23	1.22	1.25	1.22	1.22
	3041	12.36	.91	1.23	1.23	1.23	1.22	1.23	1.22	1.22	1.24	1.22	1.21
	3070	12.32	.91	1.23	1.23	1.23	1.22	1.23	1.22	1.22	1.24	1.22	1.21
	3104	12.34	.91	1.23	1.23	1.23	1.22	1.23	1.22	1.22	1.24	1.22	1.21
END OF CHARGE			.518										
	2742	15.93	.30	1.61	1.50	1.61	1.56	1.66	1.63	1.56	1.64	1.56	1.53
	2787	15.87	.28	1.60	1.48	1.60	1.53	1.63	1.61	1.53	1.62	1.54	1.52
	2819	15.72	.25	1.59	1.49	1.60	1.52	1.61	1.59	1.52	1.62	1.54	1.52
	2851	16.01	.28	1.61	1.49	1.63	1.55	1.65	1.64	1.54	1.64	1.56	1.54
	2883	16.00	.28	1.62	1.50	1.62	1.55	1.65	1.64	1.54	1.64	1.55	1.54
	2946	15.62	.42	1.56	1.54	1.53	1.58	1.55	1.56	1.54	1.54	1.54	1.53
	3006	15.60	.28	1.57	1.49	1.57	1.54	1.59	1.57	1.52	1.62	1.49	1.52
	3041	15.71	.29	1.59	1.49	1.58	1.54	1.62	1.60	1.52	1.64	1.49	1.52
	3070	15.62	.29	1.59	1.48	1.58	1.54	1.61	1.59	1.51	1.63	1.48	1.51
	3104	15.65	.26	1.59	1.48	1.58	1.54	1.62	1.59	1.51	1.64	1.48	1.50

PACK NO. 64
MFR. G.E. CAPACITY 3 A.H.

DEPTH OF DISCHARGE: 25 %
PERCENT OF RECHARGE: 115 %

TEST TEMPERATURE: 0°C
ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	1.50 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	2801	12.25	1.51	1.21	1.22	1.21	1.21	1.21	1.20	1.20	1.20	1.23	1.19
	2833	12.23	1.51	1.21	1.22	1.21	1.21	1.21	1.21	1.21	1.20	1.24	1.19
	2950	12.19	1.52	1.22	1.22	1.22	1.22	1.22	1.21	1.21	1.22	1.21	1.20
	3018	12.12	1.52	1.21	1.21	1.20	1.21	1.20	1.20	1.20	1.21	1.19	1.18
	3054	12.07	1.52	1.20	1.20	1.20	1.20	1.20	1.19	1.20	1.20	1.19	1.18
	3082	12.08	1.52	1.21	1.21	1.20.	1.21	1.21	1.20	1.20	1.21	1.20	1.18
	3118	12.10	1.52	1.21	1.21	1.20	1.21	1.21	1.19	1.20	1.21	1.20	1.18
END OF CHARGE			.863										
	2801	15.64	.37	1.56	1.54	1.54	1.56	1.56	1.50	1.49	1.57	1.58	1.54
	2833	16.15	.45	1.61	1.59	1.59	1.63	1.63	1.53	1.51	1.65	1.62	1.61
	2950	16.16	.50	1.63	1.61	1.61	1.65	1.63	1.55	1.54	1.66	1.59	1.63
	3018	15.56	.39	1.54	1.54	1.55	1.55	1.58	1.51	1.50	1.60	1.52	1.55
	3054	15.61	.39	1.54	1.54	1.54	1.55	1.61	1.50	1.49	1.62	1.51	1.57
	3082	15.72	.42	1.56	1.57	1.55	1.57	1.61	1.50	1.50	1.63	1.53	1.59
	3118	15.66	.37	1.54	1.56	1.54	1.57	1.62	1.49	1.49	1.63	1.52	1.58

PACK NO. 15
MFR. G.E. CAPACITY 3. A.H.

DEPTH OF DISCHARGE: 25 %
PERCENT OF RECHARGE: 12[illegible] %

TEST TEMPERATURE: 25 °C
ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	1.50 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	2740	12.14	1.51	1.21	1.21	1.21	1.21	1.21	1.20	1.21	1.20	1.25	1.20
	2785	12.21	1.52	1.21	1.21	1.20	1.20	1.20	1.20	1.20	1.20	1.23	1.19
	2817	12.16	1.51	1.21	1.21	1.21	1.20	1.21	1.20	1.21	1.19	1.24	1.19
	2849	12.11	1.51	1.20	1.20	1.19	1.19	1.19	1.19	1.19	1.18	1.23	1.18
	2932	12.18	1.52	1.22	1.22	1.22	1.21	1.21	1.21	1.21	1.21	1.20	1.20
	2992	12.12	1.52	1.21	1.21	1.20	1.20	1.20	1.21	1.20	1.21	1.19	1.19
	3027	12.12	1.52	1.21	1.21	1.20	1.20	1.20	1.20	1.20	1.21	1.19	1.19
	3056	12.10	1.52	1.21	1.21	1.20	1.20	1.20	1.21	1.20	1.21	1.20	1.19
	3090	12.08	1.51	1.21	1.21	1.20	1.20	1.20	1.20	1.20	1.21	1.19	1.19
END OF CHARGE	2740	15.01	.93	1.50	1.56	1.48	1.48	1.48	1.51	1.46	1.46	1.51	1.50
	2785	14.95	.89	1.49	1.55	1.45	1.46	1.45	1.50	1.44	1.45	1.49	1.48
	2817	14.93	.90	1.49	1.55	1.46	1.46	1.46	1.50	1.45	1.45	1.50	1.48
	2849	14.89	.91	1.48	1.54	1.44	1.46	1.45	1.49	1.44	1.44	1.49	1.48
	2932	14.85	.91	1.49	1.53	1.45	1.46	1.46	1.49	1.45	1.47	1.44	1.48
	2992	14.71	.81	1.48	1.51	1.44	1.45	1.49	1.48	1.43	1.46	1.43	1.46
	3027	14.83	.84	1.49	1.53	1.45	1.46	1.46	1.49	1.44	1.47	1.44	1.48
	3056	14.84	.79	1.49	1.54	1.45	1.46	1.46	1.49	1.45	1.47	1.44	1.48
	3090	14.76	.83	1.48	1.52	1.44	1.46	1.45	1.48	1.44	1.46	1.44	1.47

PACK NO. 16
MFR. G.E. CAPACITY 3 A.H.

DEPTH OF DISCHARGE: 40 %
PERCENT OF RECHARGE: [illegible]

TEST TEMPERATURE: [illegible]
ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	2.40 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	2881	11.63	2.42	1.17	1.17	1.16	1.17	1.16	1.14	1.09	1.12	1.13	1.13
	2883	11.60	2.42	1.17	1.17	1.16	1.17	1.16	1.15	1.09	1.12	1.12	1.13
	2920	11.48	2.40	1.17	1.16	1.17	1.17	1.16	1.15	1.09	1.13	1.14	1.12
	2988	11.31	2.40	1.14	1.14	1.15	1.15	1.14	1.12	1.05	1.11	1.12	1.10
	3024	11.29	2.41	1.13	1.13	1.14	1.15	1.13	1.12	1.07	1.10	1.11	1.10
	3052	11.51	2.40	1.16	1.16	1.16	1.17	1.16	1.15	1.10	1.12	1.14	1.13
	3088	11.33	2.40	1.14	1.15	1.15	1.15	1.14	1.12	1.07	1.11	1.13	1.10
END OF CHARGE	2881	14.94	1.20 (1.50)	1.48	1.50	1.48	1.46	1.45	1.45	1.45	1.50	1.54	1.43
	2883	15.05	1.19	1.49	1.51	1.50	1.48	1.47	1.47	1.46	1.51	1.55	1.44
	2920	15.07	1.12	1.52	1.53	1.51	1.51	1.49	1.48	1.46	1.53	1.57	1.44
	2988	14.77	.89	1.47	1.49	1.47	1.46	1.45	1.44	1.44	1.51	1.49	1.42
	3024	14.82	.71	1.48	1.49	1.48	1.48	1.46	1.44	1.43	1.51	1.47	1.42
	3052	14.85	1.02	1.49	1.50	1.49	1.49	1.47	1.45	1.44	1.53	1.49	1.44
	3088	14.97	.98	1.50	1.51	1.49	1.49	1.48	1.47	1.46	1.51	1.50	1.43

PACK NO. [illegible]
MFR. [illegible] CAPACITY [illegible] A.H.

DEPTH OF DISCHARGE: 15 %
PERCENT OF RECHARGE: [illegible] %

TEST TEMPERATURE: 40°C
ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	PACK CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	[illegible]	[illegible]	[illegible]	1.22	—	[illegible]	1.21	1.23	—	1.22	1.22	1.25	[illegible]
	[illegible]	[illegible]	.90	[illegible]	—	[illegible]	1.21	1.21	—	1.19	1.19	1.22	1.20
	[illegible]	[illegible]	.91	1.21	—	1.20	1.22	1.21	—	1.19	1.20	1.22	1.21
	2497	[illegible]	.90	1.20	—	1.19	1.21	1.20	—	1.18	1.19	1.22	1.20
	2527	[illegible]	.90	1.17	—	1.19	1.18	1.17	—	.41	1.15	1.17	1.16
	2637	8.79	.90	1.21	—	1.21	1.21	1.21	—	—	1.19	1.19	1.21
	[illegible]	8.64	.90	1.22	—	1.25	1.25	1.22	—	—	1.22	1.22	1.21
	[illegible]	[illegible]	.90	1.23	—	1.24	1.24	1.23	—	—	1.23	1.23	1.22
	2737	[illegible]	[illegible]	1.20	—	[illegible]	1.22	1.21	—	—	1.20	1.20	1.21
END OF CHARGE	[illegible]	[illegible]	.88	1.40	—	1.39	1.40	1.40	—	1.40	1.39	1.42	1.39
	[illegible]	[illegible]	.92	[illegible]	—	1.38	1.39	1.39	—	1.38	1.37	1.40	1.39
	[illegible]	[illegible]	.91	1.41	—	1.39	1.41	1.41	—	1.40	1.39	1.42	1.42
	[illegible]	11.33	.61	1.42	—	[illegible]	1.42	1.41	—	[illegible]	1.39	1.42	1.41
	[illegible]	11.20	.07	1.31	—	1.30	1.31	1.31	—	1.95	1.30	1.33	1.30
	2622	9.90	.93	1.41	—	1.40	1.40	1.40	—	—	1.39	1.38	1.41
	[illegible]	10.02	.93	1.44	—	1.43	1.44	1.43	—	—	1.43	1.42	1.42
	2713	10.07	.92	1.45	—	1.41	1.43	1.42	—	—	1.41	1.41	1.43
	2737	9.81	.93	1.40	—	1.39	1.41	1.40	—	—	1.39	1.38	1.41

PACK NO. [illegible] CAPACITY [illegible] A.H.

DEPTH OF DISCHARGE: [illegible] %
PERCENT OF RECHARGE: [illegible] %

TEST TEMPERATURE: -40°C
ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	1.15	1.16	1.17	—	—	1.17	1.11
	2278	[illegible]	1.51	1.17	[illegible]	—	1.16	1.16	1.27	—	—	1.18	1.08
	2310	[illegible]	[illegible]	1.15	1.18	—	1.18	1.15	1.16	—	—	1.17	1.18
	2446	1.30	[illegible]	1.30	1.31	—	1.28	[illegible]	1.28	—	—	1.30	1.31
	2451	2.91	1.51	1.16	1.16	—	1.17	—	1.07	—	—	1.17	1.16
	2461	5.94	1.50	1.18	[illegible]	—	1.18	—	1.14	—	—	1.18	REV
END OF CHARGE	[illegible]	[illegible]	1.00	1.42	[illegible]	—	1.43	1.43	1.46	—	—	1.43	1.39
	2278	[illegible]	.97	1.44	[illegible]	—	1.44	1.43	1.46	—	—	1.45	1.41
	2310	[illegible]	.97	1.41	[illegible]	—	1.40	[illegible]	1.43	—	—	[illegible]	1.42
	[illegible]	[illegible]	.98	1.32	1.32	—	1.31	—	1.39	—	—	1.32	1.32
	2446	[illegible]	[illegible]	1.43	[illegible]	—	1.44	—	1.50	—	—	1.42	1.41
	2461	[illegible]	1.00	1.46	[illegible]	—	1.48	—	1.57	—	—	1.46	—

PACK NO. 67
MFR. [illegible] CAPACITY 3 A.H.

DEPTH OF DISCHARGE: 15 %
PERCENT OF RECHARGE: 115 %

TEST TEMPERATURE: 0°C
ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	.950 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	1.37	12.27	.91	1.27	1.25	[illegible]	1.25	1.25	1.27	1.28	1.23	1.27	1.28
	1.312	[illegible]	.90	1.23	[illegible]	[illegible]	1.23	1.23	1.23	1.23	1.22	1.26	1.22
	1.302	12.67	.93	1.26	[illegible]	[illegible]	1.25	1.25	1.25	1.28	1.26	1.24	1.28
	1.301	12.52	.89	1.27	1.27	[illegible]	1.27	1.23	1.23	1.23	1.24	1.22	1.22
END OF CHARGE	1.31	16.05	.950 .11	1.65	1.50	[illegible]	1.64	1.65	1.56	1.63	1.51	1.70	1.52
	1.312	15.53	.09	1.59	[illegible]	1.51	1.58	1.58	1.49	1.57	1.46	1.64	1.48
	1.321	[illegible]	.20	1.40	1.40	[illegible]	1.40	1.40	1.40	1.39	1.41	1.38	1.39
	1.321	15.21	.18	1.51	1.47	[illegible]	1.51	1.52	1.50	1.52	1.50	1.50	1.47

PACK NO. 65
MFR. [illegible] CAPACITY 3 A.H.

DEPTH OF DISCHARGE: 35 %
PERCENT OF RECHARGE: 115 %

TEST TEMPERATURE: 0°C
ORBIT PERIOD: 3 HOURS

END OF DISCHARGE	1.32	[illegible]	1.52	1.21	[illegible]	[illegible]	1.23	1.23	1.23	1.23	1.22	1.26	1.22
	1.322	[illegible]	[illegible]	1.20	[illegible]	1.22	1.22	1.22	1.21	1.22	1.21	1.25	1.21
	1.307	[illegible]	[illegible]	1.19	[illegible]	1.19	1.20	1.20	1.20	1.20	1.19	1.24	1.20
	1.321	[illegible]	1.51	1.20	[illegible]	[illegible]	1.22	1.21	1.21	1.21	1.22	1.20	1.20
	1.312	1.305	1.57	1.19	[illegible]	[illegible]	1.20	1.20	1.20	1.20	1.21	1.19	1.19
END OF CHARGE	1.317	15.52	.950 .16	1.58	1.50	1.50	1.58	1.57	1.56	1.48	1.57	1.54	1.47
	1.322	15.87	.20	1.62	1.63	1.55	1.59	1.61	1.59	1.51	1.60	1.56	1.49
	1.307	15.72	.18	1.57	1.60	[illegible]	1.57	1.60	1.56	1.49	1.59	1.55	1.48
	1.321	15.69	.18	1.52	1.61	1.53	1.60	1.60	1.57	1.48	1.62	1.48	1.47
	1.312	15.71	.17	1.63	1.63	1.51	1.62	1.62	1.57	1.46	1.63	1.46	1.45

PACK NO. 17
MFR. [illegible] CAPACITY 3 A.H.
DEPTH OF DISCHARGE: 35 %
PERCENT OF RECHARGE: 13[illegible] %
TEST TEMPERATURE: [illegible]
ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	[illegible] CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	1230	[illegible]	[illegible]	1.21	[illegible]	[illegible]	1.22	[illegible]	[illegible]	[illegible]	1.21	1.25	1.21
	1321	[illegible]	1.51	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.20	1.24	1.20
	1396	12.31	1.50	1.22	[illegible]	1.22	1.23	1.22	1.22	1.22	1.23	1.21	1.21
	1428	[illegible]	1.50	1.22	1.22	[illegible]	1.22	1.22	[illegible]	1.22	1.22	1.21	1.21
END OF CHARGE	1230	14.55	.33	1.46	1.45	1.45	1.45	1.45	1.52	1.45	1.49	1.49	1.52
	1321	14.68	.35	1.43	1.43	1.43	1.43	1.43	1.48	1.42	1.46	1.47	1.49
	1396	14.52	.34	1.45	1.44	1.44	1.44	1.43	1.45	1.43	1.46	1.42	1.47
	1428	[illegible]	.34	1.45	1.44	1.44	1.44	1.44	1.49	1.43	1.47	1.43	1.50

PACK NO. 150
MFR. [illegible] CAPACITY 3 A.H.
DEPTH OF DISCHARGE: 40 %
PERCENT OF RECHARGE: 12.5 %
TEST TEMPERATURE: 25°C
ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	[illegible] CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	1301	[illegible]	[illegible]	1.18	1.17	1.17	1.16	1.16	1.17	1.16	1.11	1.22	1.16
	1344	[illegible]	[illegible]	1.15	1.17	1.18	1.16	1.17	1.17	1.17	1.13	1.21	1.17
	1372	[illegible]	[illegible]	1.16	1.16	[illegible]	1.15	1.16	1.16	1.16	1.11	1.21	1.16
	1396	[illegible]	[illegible]	1.16	1.15	1.16	1.13	1.14	1.15	1.14	1.09	1.16	1.15
	1337	[illegible]	[illegible]	1.17	[illegible]	[illegible]	1.16	1.16	1.16	[illegible]	1.17	1.18	1.16
END OF CHARGE	1301	14.58	.60	1.46	1.44	1.45	1.43	1.44	1.45	1.44	1.42	1.52	1.45
	1344	14.57	.60	1.46	1.43	1.44	1.42	1.44	1.44	1.43	1.41	1.51	1.45
	1372	14.54	.60	1.43	1.42	1.43	1.41	1.43	1.43	1.43	1.41	1.51	1.44
	1396	14.53	.60	1.46	1.43	1.44	1.43	1.43	1.44	1.43	1.43	1.45	1.45
	1337	[illegible]	.60	1.44	1.42	1.42	1.42	1.42	1.42	1.42	1.43	1.45	1.43

PACK NO. 43
MFR. G.E. CAPACITY 3 A.H.

DEPTH OF DISCHARGE: 15 %
PERCENT OF RECHARGE: 160 %

TEST TEMPERATURE: 40°C
ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	.900 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	1158	12.30	.91	1.22	1.22	1.22	1.22	1.22	1.21	1.22	1.21	1.24	1.21
	1190	11.07	.90	1.20	1.21	1.23	.06	1.21	1.20	1.22	1.20	1.25	1.22
	1259	10.99	.90	1.21	1.21	1.22	—	1.21	1.20	1.21	1.22	1.20	1.21
	1290	10.92	.90	1.21	1.21	1.21	—	1.22	1.21	1.21	1.22	1.20	1.21
	1322	10.97	.90	1.21	1.21	1.21	—	1.21	1.20	1.21	1.22	1.20	1.20
END OF CHARGE	1158	13.93	.28 (1.400)	1.37	1.38	1.39	1.39	1.38	1.38	1.38	1.38	1.41	1.37
	1190	12.51	.29	1.36	1.36	1.37	.03	1.36	1.36	1.36	1.36	1.40	1.35
	1259	12.59	.29	1.38	1.38	1.40	—	1.38	1.38	1.38	1.39	1.37	1.38
	1290	12.53	.29	1.37	1.38	1.40	—	1.38	1.38	1.38	1.39	1.36	1.38
	1322	12.56	.29	1.38	1.38	1.40	—	1.38	1.38	1.38	1.40	1.37	1.38

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

DEPTH OF DISCHARGE: 25 %
PERCENT OF RECHARGE: 160 %

TEST TEMPERATURE: 40°C
ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	1.50 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
OF DISCHARGE	1132	11.36	1.52	1.12	1.15	1.14	1.13	1.12	1.14	1.14	1.13	1.16	1.12
	1169	11.53	1.52	1.13	1.16	1.16	1.13	1.14	1.14	1.14	1.14	1.16	1.15
	1197	11.62	1.53	1.14	1.16	1.15	1.14	1.14	1.14	1.14	1.13	1.16	1.13
	1302	11.45	1.52	1.13	1.15	1.15	1.14	1.13	1.14	1.13	1.15	1.12	1.13
	1334	11.49	1.52	1.14	1.16	1.15	1.15	1.14	1.15	1.15	1.15	1.13	1.12
END OF CHARGE	1132	14.10	.47 (.450)	1.39	1.42	1.41	1.39	1.40	1.42	1.39	1.40	1.43	1.40
	1169	14.03	.48	1.38	1.42	1.39	1.38	1.38	1.40	1.38	1.39	1.42	1.39
	1197	14.15	.44	1.39	1.40	1.39	1.39	1.38	1.40	1.37	1.39	1.41	1.39
	1302	14.12	.48	1.40	1.42	1.41	1.40	1.40	1.42	1.39	1.43	1.38	1.39
	1334	14.23	.48	1.41	1.43	1.42	1.40	1.41	1.43	1.40	1.44	1.39	1.40

PACK NO. 57
MFR. GOULD CAPACITY 5.5 A.H.

DEPTH OF DISCHARGE: 15 %
PERCENT OF RECHARGE: 115 %

TEST TEMPERATURE: 0°C
ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	1.05 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	2742	12.53	1.03	1.25	1.25	1.22	1.27	1.26	1.25	1.25	1.24	1.28	1.25
	2787	12.66	1.06	1.25	1.24	1.23	1.26	1.25	1.25	1.24	1.24	1.28	1.24
	2819	12.61	1.04	1.25	1.24	1.24	1.25	1.26	1.25	1.25	1.24	1.28	1.25
	2851	12.55	1.06	1.24	1.23	1.22	1.23	1.24	1.24	1.24	1.23	1.27	1.23
	2883	12.54	1.06	1.24	1.23	1.22	1.23	1.24	1.24	1.24	1.23	1.27	1.23
	2946	12.76	1.06	1.27	1.26	1.26	1.28	1.27	1.26	1.26	1.27	1.26	1.26
	3006	12.38	1.05	1.24	1.23	1.22	1.22	1.23	1.23	1.22	1.24	1.22	1.22
	3041	12.60	1.06	1.25	1.24	1.24	1.26	1.25	1.25	1.24	1.26	1.24	1.24
	3070	12.57	1.05	1.25	1.24	1.23	1.26	1.25	1.26	1.25	1.26	1.25	1.24
	3104	12.56	1.05	1.25	1.24	1.23	1.25	1.25	1.25	1.25	1.26	1.25	1.24
END OF CHARGE			.604										
	2742	15.73	.55	1.57	1.58	1.59	1.56	1.56	1.55	1.56	1.55	1.60	1.55
	2787	15.68	.42	1.55	1.55	1.56	1.54	1.55	1.54	1.54	1.53	1.58	1.53
	2819	15.62	.42	1.55	1.56	1.57	1.52	1.55	1.54	1.55	1.54	1.59	1.53
	2851	15.61	.50	1.56	1.56	1.57	1.49	1.55	1.54	1.54	1.54	1.58	1.53
	2883	15.65	.49	1.56	1.57	1.57	1.48	1.55	1.54	1.55	1.54	1.60	1.53
	2946	15.77	.32	1.57	1.55	1.56	1.51	1.61	1.60	1.57	1.57	1.56	1.51
	3006	15.55	.52	1.53	1.53	1.55	1.48	1.57	1.56	1.55	1.59	1.53	1.54
	3041	15.55	.46	1.54	1.55	1.56	1.54	1.55	1.54	1.54	1.56	1.52	1.53
	3070	15.53	.49	1.55	1.55	1.56	1.52	1.55	1.54	1.54	1.56	1.53	1.53
	3104	15.61	.52	1.56	1.56	1.58	1.52	1.55	1.54	1.55	1.57	1.54	1.54

PACK NO. [illegible]	DEPTH OF DISCHARGE: 25 %	TEST TEMPERATURE: 0°C
MFR. [illegible] CAPACITY [illegible] A.H.	PERCENT OF RECHARGE: 115 %	ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	1.75 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	2787	12.35	1.77	1.22	1.21	[illegible]	1.21	1.22	1.22	1.20	1.21	1.24	1.22
	2919	[illegible]	1.77	1.21	[illegible]	[illegible]	1.21	1.21	1.21	1.19	1.18	1.23	1.21
	2936	12.25	1.78	1.23	1.22	1.21	1.22	1.23	1.22	1.21	1.23	1.21	1.22
	3004	12.14	1.78	1.21	1.20	1.19	1.21	1.21	1.21	1.19	1.20	1.20	1.21
	3040	12.11	1.78	1.21	1.20	1.19	1.20	1.21	1.20	1.19	1.19	1.19	1.20
	3049	12.15	1.77	1.22	1.21	1.20	1.21	1.21	1.21	1.20	1.20	1.20	1.20
	3104	12.15	1.77	1.21	1.21	1.20	1.21	1.21	1.20	1.20	1.20	1.20	1.20
END OF CHARGE	2787	15.42	1.00 .53	1.54	1.56	1.52	1.55	1.53	1.54	1.59	1.52	1.58	1.50
	2919	15.61	.58	1.56	[illegible]	1.45	1.58	1.56	1.57	1.63	1.47	1.62	1.51
	2936	15.61	.56	1.55	[illegible]	1.49	1.57	1.55	1.56	1.66	1.57	1.56	1.52
	3004	15.[illegible]	.60	1.56	1.52	1.47	1.56	1.54	1.54	1.62	1.53	1.56	1.50
	3040	15.47	.64	1.54	[illegible]	1.48	1.56	1.53	1.54	1.61	1.48	1.54	1.49
	3049	15.53	.60	1.55	1.57	1.49	1.57	1.54	1.55	1.63	1.48	1.55	1.51
	3104	15.45	.59	1.54	1.57	1.50	1.56	1.54	1.54	1.60	1.47	1.54	1.49

PACK NO. 5
MFR. [illegible] CAPACITY 3.5 A.H.

DEPTH OF DISCHARGE: 25 %
PERCENT OF RECHARGE: [illegible] %

TEST TEMPERATURE: 25°C
ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	1.75 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	2740	10.40	1.75	1.20	1.13	1.23	1.22	.53	1.20	1.20	1.22	1.23	1.20
	2785	10.50	1.76	1.20	1.07	1.18	1.20	.27	1.19	1.20	1.17	1.22	1.19
	2817	10.52	1.76	1.21	1.08	1.00	1.21	.07	1.20	1.21	1.21	1.23	1.20
	2849	10.29	1.25	1.15	.94	1.16	1.18	.24	1.18	1.19	1.15	1.21	1.18
	2882	10.61	1.76	1.21	.82	1.22	1.21	—	1.19	1.21	1.22	1.19	1.20
	2992	10.45	1.76	1.20	.50	1.20	1.19	—	1.19	1.20	1.21	1.18	1.19
	3027	10.36	1.76	1.20	.44	1.20	1.17	—	1.18	1.20	1.19	1.18	1.19
	3056	10.27	1.76	1.20	.66	1.21	1.17	—	1.19	1.20	1.19	1.18	1.19
	3090	10.06	1.76	1.20	.45	1.20	1.20	—	1.18	1.19	1.18	1.18	1.19
END OF CHARGE	2740	15.18	.80	1.49	1.49	1.45	1.55	1.60	1.57	1.48	1.44	1.59	1.47
	2785	15.01	.80	1.46	1.45	1.40	1.53	1.55	1.55	1.46	1.40	1.60	1.46
	2817	14.72	.82	1.48	1.46	1.43	1.55	1.18	1.57	1.47	1.42	1.57	1.47
	2849	15.07	.86	1.45	1.45	1.44	1.49	1.57	1.55	1.46	1.41	1.62	1.46
	2882	13.63	1.10	1.44	1.45	1.45	1.54	—	1.51	1.58	1.48	1.52	1.48
	2992	13.49	1.10	1.48	1.46	1.42	1.46	—	1.51	1.63	1.46	1.51	1.52
	3027	13.58	1.10	1.49	1.47	1.44	1.43	—	1.51	1.61	1.45	1.51	1.55
	3056	13.55	1.10	1.49	1.47	1.45	1.42	—	1.51	1.63	1.45	1.50	1.54
	3090	13.54	1.10	1.49	1.47	1.44	1.43	—	1.50	1.61	1.44	1.51	1.55

PACK NO. [illegible]
MFR. [illegible] CAPACITY [illegible] A-H. PERCENT OF DISCHARGE: 40 [illegible] PERCENT OF RECHARGE: 12[illegible]

TEST TEMPERATURE: 25°C
ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	PACK CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	[illegible]	[illegible]	[illegible]	—	[illegible]	[illegible]	[illegible]	1.15	1.13	—	—	1.15	[illegible]
	[illegible]	[illegible]	[illegible]	—	[illegible]	[illegible]	1.07	1.09	.86	—	—	1.12	[illegible]
	[illegible]	[illegible]	[illegible]	—	1.16	[illegible]	1.17	[illegible]	.83	—	—	1.14	[illegible]
	[illegible]	[illegible]	2.25	—	[illegible]	[illegible]	1.15	1.12	.36	—	—	1.12	[illegible]
	[illegible]	[illegible]	[illegible]	—	[illegible]	[illegible]	1.19	1.14	.14	—	—	1.13	[illegible]
	[illegible]	4.91	2.22	—	[illegible]	1.05	1.15	1.11	—	—	—	1.12	[illegible]
	3000	5.42	2.27	—	1.18	.09	1.14	1.14	—	—	—	1.10	1.03
END OF CHARGE	[illegible]	[illegible]	[illegible]	—	1.48	[illegible]	[illegible]	1.50	1.50	—	—	1.50	1.51
	[illegible]	[illegible]	.80	—	[illegible]	[illegible]	[illegible]	1.53	[illegible]	—	—	1.52	1.54
	[illegible]	[illegible]	1.73	—	[illegible]	[illegible]	1.51	1.55	1.45	—	—	1.52	[illegible]
	[illegible]	[illegible]	1.43	—	1.63	[illegible]	1.48	1.57	1.45	—	—	1.47	[illegible]
	[illegible]	[illegible]	1.45	—	[illegible]	[illegible]	1.45	1.53	1.46	—	—	1.47	[illegible]
	2973	5.95	.72	—	1.51	[illegible]	1.48	1.42	—	—	—	1.43	1.43
	3000	8.28	.91	—	1.46	1.45	1.45	1.52	—	—	—	1.47	1.46

PACK NO. 27
MFR. GOULD CAPACITY 3.5 A.H.

DEPTH OF DISCHARGE: 15 %
PERCENT OF RECHARGE: 160 %

TEST TEMPERATURE: 40°C
ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	1.05 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	2383	12.17	1.05	1.24	1.24	1.15	1.23	1.24	1.20	1.23	1.14	1.26	1.20
	2428	12.01	1.05	1.22	1.22	1.12	1.22	1.22	1.20	1.19	1.04	1.23	1.17
	2460	11.93	1.05	1.22	1.23	1.12	1.22	1.22	1.20	1.19	1.01	1.24	1.17
	2492	11.86	1.06	1.22	1.22	1.10	1.21	1.21	1.19	1.17	.99	1.24	1.16
	2524	11.77	1.06	1.21	1.21	1.10	1.20	1.20	1.18	1.16	.97	1.23	1.15
	2635	11.72	1.05	1.22	1.22	1.06	1.21	1.21	1.19	1.20	.95	1.21	1.15
	2709	11.97	1.06	1.24	1.24	1.12	1.25	1.24	1.20	1.22	1.03	1.24	1.13
	2733	11.53	1.06	1.22	1.23	.93	1.22	1.22	1.16	1.19	.97	1.21	1.10
END OF CHARGE			.840										
	2383	14.68	.63	1.46	1.46	1.53	1.44	1.45	1.45	1.44	1.45	1.47	1.46
	2428	14.57	.61	1.44	1.44	1.51	1.41	1.42	1.42	1.40	1.45	1.44	1.44
	2460	14.56	.60	1.44	1.45	1.51	1.42	1.43	1.43	1.41	1.47	1.46	1.44
	2492	14.56	.61	1.44	1.44	1.50	1.42	1.42	1.42	1.39	1.48	1.45	1.43
	2524	14.49	.63	1.43	1.44	1.50	1.41	1.42	1.41	1.39	1.47	1.44	1.43
	2635	14.62	.55	1.44	1.45	1.47	1.42	1.42	1.42	1.42	1.60	1.41	1.44
	2709	14.53	.30	1.43	1.43	1.51	1.40	1.41	1.42	1.40	1.66	1.38	1.41
	2733	14.39	.25	1.41	1.42	1.42	1.40	1.41	1.40	1.40	1.63	1.39	1.42

PACK NO. 55
MFR. GOULD CAPACITY 3.5 A.H.

DEPTH OF DISCHARGE: 15 %
PERCENT OF RECHARGE: 115 %

TEST TEMPERATURE: 0°C
ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	1.05 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	1281	12.51	1.05	1.24	1.24	1.24	1.23	1.24	1.23	1.24	1.23	1.27	1.23
	1313	12.46	1.05	1.23	1.24	1.23	1.23	1.23	1.22	1.22	1.22	1.26	1.22
	1389	12.59	1.06	1.25	1.25	1.25	1.25	1.25	1.24	1.24	1.26	1.24	1.24
	1421	12.49	1.06	1.24	1.25	1.24	1.24	1.24	1.23	1.24	1.25	1.23	1.23
END OF CHARGE	1281	15.34	.242 .17	1.53	1.52	1.53	1.52	1.53	1.51	1.51	1.51	1.56	1.50
	1313	15.36	.20	1.52	1.51	1.52	1.52	1.52	1.51	1.51	1.50	1.56	1.50
	1389	14.40	.24	1.44	1.43	1.43	1.44	1.43	1.43	1.42	1.44	1.41	1.41
	1421	15.35	.23	1.53	1.52	1.53	1.53	1.53	1.52	1.52	1.54	1.51	1.50

PACK NO. 56
MFR. GOULD CAPACITY 3.5 A.H.

DEPTH OF DISCHARGE: 25 %
PERCENT OF RECHARGE: 115 %

TEST TEMPERATURE: 0°C
ORBIT PERIOD: 3 HOURS

END OF DISCHARGE	1226	12.17	1.25 1.74	1.21	1.21	1.22	1.21	1.21	1.20	1.21	1.20	1.24	1.21
	1263	12.20	1.78	1.20	1.21	1.21	1.21	1.21	1.20	1.21	1.20	1.23	1.21
	1291	12.15	1.79	1.20	1.20	1.20	1.20	1.20	1.18	1.19	1.18	1.21	1.19
	1363	12.11	1.78	1.20	1.20	1.21	1.21	1.20	1.19	1.20	1.21	1.19	1.20
	1396	12.01	1.78	1.19	1.19	1.20	1.20	1.19	1.19	1.19	1.20	1.18	1.19
END OF CHARGE	1226	15.53	.400 .38	1.54	1.55	1.55	1.55	1.55	1.54	1.55	1.53	1.59	1.53
	1263	15.57	.29	1.54	1.54	1.55	1.56	1.55	1.53	1.56	1.53	1.58	1.53
	1291	15.44	.28	1.52	1.51	1.51	1.52	1.52	1.51	1.52	1.51	1.56	1.52
	1363	15.48	.31	1.54	1.54	1.54	1.54	1.53	1.53	1.54	1.55	1.52	1.52
	1396	15.44	.33	1.52	1.52	1.55	1.57	1.53	1.52	1.54	1.54	1.51	1.51

PACK NO. 7
MFR. GOULD CAPACITY 3.5 A.H.

DEPTH OF DISCHARGE: 25 %
PERCENT OF RECHARGE: 125 %

TEST TEMPERATURE: 25°C
ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	1.75 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	1289	12.20	1.78	1.21	1.20	1.21	1.21	1.21	1.20	1.21	1.20	1.24	1.20
	1321	12.14	1.77	1.19	1.19	1.19	1.20	1.19	1.19	1.19	1.19	1.23	1.19
	1396	12.24	1.76	1.22	1.21	1.22	1.22	1.21	1.21	1.21	1.23	1.21	1.21
	1428	12.21	1.76	1.21	1.20	1.21	1.21	1.21	1.20	1.21	1.22	1.21	1.20
END OF CHARGE	1289	14.68	.436 .42	1.44	1.45	1.44	1.43	1.46	1.48	1.50	1.44	1.48	1.44
	1321	14.57	.41	1.43	1.43	1.43	1.42	1.44	1.46	1.46	1.42	1.47	1.42
	1396	14.59	.41	1.44	1.44	1.43	1.42	1.44	1.50	1.51	1.45	1.42	1.42
	1428	14.55	.42	1.44	1.44	1.43	1.43	1.44	1.48	1.49	1.45	1.42	1.42

PACK NO. 8
MFR. GOULD CAPACITY 3.5 A.H.

DEPTH OF DISCHARGE: 40 %
PERCENT OF RECHARGE: 125 %

TEST TEMPERATURE: 25°C
ORBIT PERIOD: 3 HOURS

			2.80										
END OF DISCHARGE	1207	11.68	2.80	1.16	1.17	1.17	1.18	1.17	1.07	1.18	1.15	1.21	1.17
	1244	11.52	2.85	1.14	1.17	1.17	1.17	1.17	.95	1.17	1.12	1.20	1.16
	1272	11.11	2.84	1.12	1.15	1.15	1.16	1.15	.62	1.15	1.11	1.18	1.14
	1346	10.44	2.83	1.15	1.16	1.16	1.17	1.16	.10	1.17	1.13	1.16	1.16
	1384	10.65	2.81	1.16	1.19	1.18	1.19	1.18	—	1.18	1.14	1.19	1.17
END OF CHARGE	1207	14.88	.748 .70	1.49	1.47	1.47	1.49	1.47	1.44	1.48	1.48	1.57	1.47
	1244	14.89	.37	1.51	1.45	1.46	1.47	1.46	1.41	1.49	1.48	1.56	1.48
	1272	14.74	.35	1.48	1.44	1.45	1.45	1.44	1.41	1.47	1.46	1.55	1.45
	1346	14.89	.57	1.50	1.46	1.47	1.49	1.46	1.40	1.50	1.50	1.53	1.48
	1384	13.33	.74	1.48	1.46	1.47	1.49	1.47	—	1.46	1.47	1.50	1.45

PACK NO. 31
MFR. GOULD CAPACITY 3.5 A.H.

DEPTH OF DISCHARGE: 15 %
PERCENT OF RECHARGE: 160 %

TEST TEMPERATURE: 40°C
ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	1.05 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	1166	12.17	1.07	1.22	1.22	1.21	1.22	1.22	1.15	1.22	1.22	1.23	1.17
	1198	12.03	1.06	1.20	1.19	1.20	1.20	1.20	1.14	1.20	1.21	1.22	1.10
	1267	11.89	1.07	1.21	1.19	1.20	1.21	1.20	1.14	1.20	1.21	1.16	1.02
	1298	11.90	1.07	1.22	1.20	1.20	1.22	1.21	1.15	1.20	1.22	1.17	1.02
	1330	11.87	1.07	1.21	1.19	1.20	1.22	1.20	1.17	1.21	1.22	1.16	1.00
END OF CHARGE	1166	14.21	.336 .32	1.41	1.40	1.40	1.40	1.40	1.45	1.40	1.39	1.44	1.40
	1198	14.14	.32	1.39	1.38	1.39	1.39	1.39	1.43	1.38	1.37	1.42	1.39
	1267	14.21	.31	1.41	1.40	1.41	1.41	1.40	1.44	1.40	1.41	1.39	1.42
	1298	14.22	.31	1.41	1.40	1.41	1.41	1.41	1.42	1.40	1.41	1.40	1.43
	1330	14.30	.33	1.42	1.41	1.41	1.42	1.41	1.41	1.41	1.42	1.41	1.49

PACK NO. 32
MFR. GOULD CAPACITY 3.5 A.H.

DEPTH OF DISCHARGE: 25 %
PERCENT OF RECHARGE: 160 %

TEST TEMPERATURE: 40°C
ORBIT PERIOD: 3 HOURS

			1.75										
END OF DISCHARGE	909	5.43	1.74	—	1.18	—	—	1.16	—	—	.89	1.02	1.16
	946	5.45	1.77	—	1.17	—	—	1.14	—	—	.98	.96	1.16
	974	4.14	1.47	—	1.19	—	—	1.12	—	—	.90	.31	1.16
END OF CHARGE	909	7.25	.560 .52	—	1.42	—	—	1.43	—	—	1.47	1.48	1.42
	946	7.28	.58	—	1.42	—	—	1.43	—	—	1.46	1.49	1.43
	974	7.32	.59	—	1.43	—	—	1.42	—	—	1.47	1.45	1.43

PACK NO. 49
MFR. SONOTONE CAPACITY 5 A.H.

DEPTH OF DISCHARGE: 15 %
PERCENT OF RECHARGE: 115 %

TEST TEMPERATURE: 0°C
ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	1.50 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	2487	11.01	1.51	1.21	1.22	1.22	1.21	1.22	1.22	1.24	1.23	—	1.22
	2532	11.03	1.49	1.20	1.21	1.20	1.20	1.21	1.21	1.22	1.22	—	1.21
	2560	11.07	1.52	1.21	1.22	1.21	1.21	1.22	1.22	1.23	1.23	—	1.22
	2596	11.16	1.53	1.22	1.20	1.22	1.22	1.22	1.24	1.24	1.23	—	1.24
	2628	11.13	1.56	1.21	1.22	1.22	1.21	1.22	1.23	1.24	1.23	—	1.22
	2660	11.08	1.56	1.21	1.22	1.21	1.21	1.22	1.23	1.23	1.22	—	1.21
	2749	11.09	1.52	1.22	1.22	1.22	1.21	1.22	1.23	1.24	1.25	—	1.23
	2783	11.10	1.51	1.22	1.22	1.22	1.21	1.22	1.23	1.24	1.25	—	1.23
	2812	11.07	1.51	1.22	1.22	1.22	1.22	1.22	1.23	1.24	1.25	—	1.23
	2845	11.05	1.52	1.21	1.22	1.21	1.21	1.21	1.23	1.24	1.25	—	1.22
END OF CHARGE	2487	13.84	.49 (.862)	1.49	1.53	1.61	1.51	1.51	1.58	1.52	1.52	—	1.49
	2532	13.76	.44	1.49	1.51	1.55	1.49	1.50	1.54	1.51	1.52	—	1.48
	2560	14.22	.54	1.53	1.58	1.66	1.54	1.54	1.62	1.55	1.56	—	1.52
	2596	14.85	.86	1.60	1.66	1.70	1.63	1.61	1.66	1.60	1.61	—	1.57
	2628	14.85	.87	1.61	1.66	1.69	1.64	1.61	1.68	1.60	1.62	—	1.58
	2660	14.69	.87	1.59	1.63	1.69	1.62	1.59	1.68	1.58	1.59	—	1.56
	2749	14.36	.56	1.58	1.58	1.66	1.58	1.55	1.63	1.57	1.60	—	1.55
	2783	14.40	.59	1.57	1.59	1.68	1.58	1.55	1.64	1.56	1.61	—	1.55
	2812	13.68	.66	1.51	1.52	1.55	1.52	1.50	1.52	1.51	1.53	—	1.49
	2845	14.19	.63	1.54	1.56	1.67	1.56	1.54	1.63	1.54	1.58	—	1.52

PACK NO. 50
MFR. SONOTONE CAPACITY 5 A.H.

DEPTH OF DISCHARGE: 25 %
PERCENT OF RECHARGE: 115 %

TEST TEMPERATURE: 0°C
ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	2.50 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	2473	11.78	2.49	1.15	1.20	1.18	1.15	1.15	1.19	1.20	1.19	1.23	1.18
	2491	11.84	2.52	1.13	1.19	1.17	1.14	1.15	1.19	1.20	1.19	1.23	1.17
	2519	11.76	2.51	1.13	1.19	1.17	1.14	1.14	1.19	1.20	1.19	1.22	1.17
	2555	11.81	2.51	1.13	1.17	1.17	1.14	1.14	1.19	1.19	1.18	1.21	1.17
	2591	11.68	2.51	1.12	1.18	1.15	1.13	1.13	1.18	1.18	1.18	1.21	1.16
	2708	11.81	2.54	1.14	1.19	1.17	1.14	1.14	1.19	1.19	1.20	1.19	1.18
	2743	11.79	2.54	1.13	1.19	1.17	1.14	1.14	1.19	1.19	1.20	1.18	1.17
	2772	11.60	2.53	1.11	1.18	1.15	1.12	1.12	1.18	1.18	1.19	1.18	1.16
	2806	11.80	2.51	1.15	1.04	1.19	1.17	1.13	1.22	1.21	1.17	1.22	1.21
END OF CHARGE			1.44										
	2473	15.87	.82	1.59	1.52	1.59	1.57	1.59	1.57	1.51	1.57	1.58	1.72
	2491	16.03	.74	1.60	1.50	1.59	1.57	1.59	1.57	1.50	1.58	1.57	1.63
	2519	15.80	.73	1.61	1.49	1.59	1.57	1.59	1.56	1.49	1.56	1.56	1.63
	2555	15.70	.73	1.59	1.48	1.57	1.55	1.57	1.54	1.47	1.54	1.54	1.63
	2591	15.91	.79	1.62	1.48	1.60	1.56	1.59	1.56	1.47	1.57	1.55	1.66
	2708	15.67	.80	1.59	1.49	1.56	1.57	1.57	1.55	1.48	1.58	1.50	1.65
	2743	16.03	.86	1.64	1.50	1.62	1.60	1.61	1.59	1.49	1.62	1.52	1.68
	2772	15.53	.92	1.60	1.47	1.57	1.56	1.56	1.52	1.47	1.56	1.48	1.65
	2806	15.42	.58	1.55	1.43	1.56	1.55	1.55	1.54	1.49	1.54	1.51	1.62

PACK NO. 1
MFR. SONOTONE CAPACITY 5 A.H.

DEPTH OF DISCHARGE: 25 %
PERCENT OF RECHARGE: 125 %

TEST TEMPERATURE: 25°C
ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	2.50 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	2547	11.42	2.49	1.11	1.19	1.15	1.01	1.11	1.13	1.18	1.15	1.19	1.16
	2592	11.55	2.50	1.12	1.20	1.16	.98	1.12	1.12	1.18	1.17	1.21	1.16
	2620	11.46	2.51	1.12	1.19	1.16	.96	1.11	1.12	1.18	1.17	1.20	1.16
	2656	11.44	2.50	1.12	1.15	1.16	.96	1.10	1.12	1.18	1.17	1.18	1.17
	2736	11.42	2.47	1.13	1.20	1.15	.96	1.09	1.12	1.18	1.18	1.16	1.16
	2796	11.15	2.46	1.10	1.19	1.13	.89	1.05	1.09	1.17	1.17	1.12	1.14
	2830	11.23	2.49	1.11	1.20	1.15	.87	1.07	1.10	1.18	1.17	1.13	1.15
	2859	11.05	2.48	1.10	1.20	1.14	.81	1.06	1.08	1.18	1.17	1.11	1.15
	2892	10.81	2.45	1.07	1.19	1.11	.74	1.03	1.05	1.16	1.15	1.09	1.13
END OF CHARGE	2547	14.65	1.56 / 1.41	1.46	1.45	1.44	1.49	1.46	1.45	1.46	1.45	1.49	1.44
	2592	14.59	1.58	1.46	1.43	1.43	1.49	1.44	1.43	1.44	1.43	1.47	1.42
	2620	14.60	1.56	1.46	1.43	1.43	1.49	1.45	1.44	1.44	1.44	1.47	1.43
	2656	14.63	1.53	1.46	1.43	1.43	1.48	1.44	1.43	1.44	1.43	1.46	1.42
	2736	14.54	1.48	1.47	1.43	1.43	1.49	1.45	1.44	1.44	1.46	1.42	1.42
	2796	14.59	1.52	1.47	1.43	1.43	1.49	1.45	1.44	1.44	1.46	1.42	1.43
	2830	14.64	1.56	1.48	1.44	1.43	1.50	1.45	1.45	1.45	1.47	1.43	1.43
	2859	14.62	1.50	1.48	1.44	1.44	1.50	1.46	1.45	1.45	1.47	1.43	1.43
	2892	14.61	1.56	1.47	1.44	1.43	1.50	1.45	1.45	1.45	1.46	1.43	1.43

PACK NO. 2
MFR. SONOTONE CAPACITY 5 A.H.

DEPTH OF DISCHARGE: 40 %
PERCENT OF RECHARGE: 125 %

TEST TEMPERATURE: 25 °C
ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	4.00 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	2562	10.94	3.96	1.10	1.07	1.09	1.09	1.08	1.08	1.08	1.08	1.13	1.12
	2607	11.64	3.99	1.15	1.15	1.16	1.16	1.16	1.15	1.15	1.14	1.17	1.12
	2635	11.64	4.00	1.15	1.15	1.16	1.17	1.16	1.15	1.16	1.15	1.18	1.14
	2669	11.67	4.01	1.16	1.11	1.17	1.17	1.16	1.16	1.16	1.15	1.16	1.16
	2762	11.25	4.00	1.14	1.12	1.15	1.15	1.15	1.13	1.14	1.15	1.12	.93
	2822	11.62	4.02	1.16	1.15	1.16.	1.16	1.16	1.15	1.15	1.17	1.14	1.14
	2857	11.53	4.02	1.15	1.14	1.15	1.16	1.14	1.15	1.15	1.16	1.14	1.13
	2876	10.81	4.00	1.08	1.01	1.08	1.11	1.11	1.07	1.09	1.10	1.07	1.07
	2920	11.48	3.99	1.16	.96	1.17	1.18	1.11	1.17	1.17	1.11	1.17	1.17
END OF CHARGE			2.50										
	2562	14.95	1.31	1.47	1.46	1.48	1.47	1.55	1.46	1.48	1.47	1.50	1.58
	2607	14.91	1.69	1.45	1.44	1.47	1.46	1.56	1.44	1.46	1.45	1.49	1.53
	2635	15.00	1.80	1.46	1.45	1.47	1.47	1.56	1.45	1.46	1.45	1.49	1.62
	2669	14.92	1.75	1.44	1.44	1.46	1.45	1.53	1.44	1.46	1.45	1.47	1.55
	2762	14.98	1.98	1.47	1.47	1.50	1.48	1.62	1.47	1.48	1.50	1.46	1.44
	2822	14.81	1.82	1.45	1.45	1.46	1.46	1.54	1.45	1.46	1.48	1.43	1.50
	2857	14.96	2.22	1.47	1.46	1.48	1.47	1.56	1.46	1.47	1.49	1.45	1.51
	2876	14.95	1.83	1.46	1.46	1.48	1.47	1.60	1.46	1.46	1.48	1.45	1.55
	2920	14.93	2.11	1.47	1.40	1.49	1.48	1.57	1.47	1.49	1.48	1.47	1.53

PACK NO. 25
MFR. SONOTONE CAPACITY 5 A.H.

DEPTH OF DISCHARGE: 15 %
PERCENT OF RECHARGE: 160 %

TEST TEMPERATURE: 40°C
ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	1.50 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	2281	11.79	1.51	1.17	1.19	1.19	1.16	1.12	1.20	1.20	1.18	1.17	1.18
	2326	12.12	1.52	1.20	1.21	1.21	1.19	1.17	1.20	1.21	1.20	1.22	1.19
	2354	11.90	1.52	1.18	1.20	1.19	1.16	1.14	1.20	1.20	1.18	1.19	1.17
	2389	11.89	1.52	1.17	1.16	1.19	1.17	1.14	1.20	1.20	1.18	1.17	1.18
	2421	11.81	1.52	1.16	1.18	1.18	1.15	1.12	1.19	1.19	1.17	1.17	1.16
	2452	11.72	1.52	1.15	1.17	1.16	1.14	1.11	1.18	1.18	1.17	1.16	1.15
	2534	11.76	1.52	1.17	1.18	1.18	1.15	1.12	1.19	1.19	1.20	1.13	1.17
	2628	11.70	1.52	1.16	1.18	1.17	1.14	1.11	1.19	1.19	1.19	1.12	1.16
	2657	11.68	1.51	1.16	1.18	1.17	1.14	1.11	1.19	1.19	1.19	1.12	1.16
	2690	11.66	1.52	1.15	1.17	1.16	1.14	1.10	1.19	1.19	1.19	1.12	1.16
END OF CHARGE	2281	14.25	1.20 1.02	1.42	1.42	1.42	1.43	1.46	1.41	1.40	1.40	1.44	1.40
	2326	14.18	1.21	1.41	1.40	1.40	1.40	1.44	1.39	1.39	1.38	1.43	1.39
	2354	14.27	1.19	1.42	1.41	1.41	1.42	1.45	1.41	1.40	1.39	1.44	1.40
	2389	14.25	1.16	1.40	1.40	1.40	1.41	1.44	1.40	1.39	1.38	1.44	1.39
	2421	14.20	1.18	1.40	1.40	1.40	1.41	1.44	1.40	1.39	1.38	1.44	1.39
	2452	14.16	1.19	1.40	1.39	1.39	1.41	1.44	1.39	1.38	1.38	1.43	1.38
	2534	14.19	1.06	1.41	1.40	1.41	1.42	1.44	1.40	1.39	1.42	1.39	1.39
	2628	14.23	1.18	1.41	1.40	1.41	1.42	1.45	1.40	1.39	1.41	1.39	1.40
	2657	14.20	1.09	1.43	1.36	1.42	1.44	1.46	1.42	1.40	1.41	1.41	1.41
	2690	14.26	1.17	1.42	1.41	1.42	1.43	1.46	1.41	1.40	1.43	1.39	1.40

PACK NO. 26
MFR. SONOTONE CAPACITY 5 A.H.

DEPTH OF DISCHARGE: 25 %
PERCENT OF RECHARGE: 160 %

TEST TEMPERATURE: 40°C
ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	2.50 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	1981	11.25	2.49	1.06	1.11	1.07	1.15	1.15	1.14	1.09	1.14	1.18	1.15
	2026	11.48	2.50	1.11	1.14	1.11	1.15	1.16	1.14	1.11	1.14	1.18	1.15
	2054	11.59	2.51	1.11	1.15	1.12	1.17	1.17	1.16	1.12	1.15	1.19	1.16
	2089	11.60	2.50	1.11	1.13	1.12	1.16	1.16	1.16	1.13	1.15	1.18	1.16
	2125	11.45	2.50	1.09	1.13	1.10	1.15	1.15	1.14	1.11	1.13	1.19	1.14
	2235	11.43	2.50	1.09	1.13	1.10.	1.15	1.16	1.15	1.11	1.14	1.15	1.15
	2295	11.47	2.50	1.10	1.14	1.10	1.16	1.16	1.15	1.11	1.15	1.15	1.15
	2330	11.49	2.50	1.11	1.14	1.11	1.16	1.16	1.15	1.12	1.14	1.15	1.15
	2359	10.77	2.50	.98	1.06	.99	1.11	1.11	1.11	1.04	1.11	1.11	1.10
	2383	11.45	2.48	1.11	.99	1.12	1.18	1.14	1.17	1.14	1.12	1.18	1.19
END OF CHARGE			2.00										
	1981	14.48	1.05	1.44	1.44	1.45	1.42	1.44	1.47	1.45	1.45	1.47	1.43
	2026	14.51	1.86	1.43	1.43	1.44	1.41	1.42	1.47	1.43	1.43	1.46	1.41
	2054	14.60	1.87	1.44	1.44	1.45	1.43	1.44	1.50	1.44	1.44	1.47	1.42
	2089	14.63	1.44	1.43	1.43	1.44	1.41	1.42	1.51	1.44	1.45	1.46	1.42
	2125	14.51	1.69	1.43	1.42	1.43	1.40	1.41	1.48	1.42	1.42	1.45	1.40
	2235	14.71	1.48	1.45	1.44	1.46	1.43	1.44	1.60	1.45	1.49	1.42	1.43
	2295	14.59	1.15	1.43	1.43	1.44	1.42	1.43	1.57	1.44	1.49	1.41	1.41
	2330	14.60	1.21	1.44	1.43	1.44	1.42	1.43	1.57	1.44	1.49	1.41	1.41
	2359	14.76	.99	1.46	1.45	1.46	1.43	1.45	1.62	1.46	1.51	1.43	1.43
	2383	14.65	1.07	1.45	1.38	1.46	1.44	1.45	1.61	1.45	1.49	1.43	1.43

PACK NO. 53
MFR. SONOTONE CAPACITY 5 A.H.

DEPTH OF DISCHARGE: 15 %
PERCENT OF RECHARGE: 115 %

TEST TEMPERATURE: 0°C
ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	1.50 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	1051	12.42	1.52	1.21	1.22	1.23	1.23	1.23	1.22	1.23	1.22	1.27	1.21
	1180	12.41	1.52	1.21	1.22	1.23	1.23	1.23	1.23	1.23	1.22	1.26	1.21
	1252	12.33	1.52	1.21	1.21	1.23	1.23	1.23	1.22	1.23	1.23	1.22	1.21
	1283	12.33	1.52	1.21	1.21	1.23	1.23	1.23	1.22	1.23	1.23	1.22	1.21
	1314	12.35	1.52	1.21	1.22	1.23	1.23	1.24	1.23	1.23	1.24	1.23	1.22
END OF CHARGE	1051	16.05	.345 .24	1.54	1.55	1.59	1.62	1.60	1.53	1.65	1.64	1.57	1.63
	1180	15.53	.18	1.49	1.49	1.49	1.57	1.54	1.49	1.57	1.59	1.53	1.60
	1252	15.52	.21	1.50	1.50	1.51	1.57	1.54	1.48	1.56	1.62	1.47	1.61
	1283	15.61	.22	1.53	1.52	1.52	1.58	1.55	1.49	1.57	1.63	1.48	1.62
	1314	15.57	.24	1.51	1.52	1.51	1.57	1.55	1.49	1.55	1.63	1.49	1.62

PACK NO. 54
MFR. SONOTONE CAPACITY 5 A.H.

DEPTH OF DISCHARGE: 25 %
PERCENT OF RECHARGE: 115 %

TEST TEMPERATURE: 0°C
ORBIT PERIOD: 3 HOURS

END OF DISCHARGE	1153	12.05	2.51	1.21	1.16	1.11	1.18	1.22	1.21	1.20	1.20	1.23	1.22
	1183	11.79	2.50	1.18	1.15	1.04	1.15	1.19	1.18	1.17	1.18	1.22	1.19
	1255	11.73	2.52	1.18	1.14	1.04	1.15	1.19	1.18	1.17	1.19	1.18	1.19
	1286	11.80	2.52	1.19	1.16	1.06	1.17	1.20	1.19	1.18	1.20	1.18	1.19
END OF CHARGE	1153	15.74	.580 .33	1.50	1.56	1.55	1.51	1.54	1.63	1.63	1.63	1.56	1.52
	1183	15.46	.45	1.49	1.54	1.54	1.48	1.50	1.54	1.58	1.58	1.53	1.48
	1255	14.95	.28	1.47	1.50	1.52	1.48	1.47	1.49	1.48	1.50	1.47	1.46
	1286	15.68	.54	1.51	1.55	1.58	1.53	1.54	1.59	1.60	1.64	1.52	1.51

PACK NO. 5
MFR. SONOTONE CAPACITY 5 A.H.

DEPTH OF DISCHARGE: 25 %
PERCENT OF RECHARGE: 125 %

TEST TEMPERATURE: 25°C
ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	2.50 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	1185	11.89	2.51	1.15	1.15	1.17	1.16	1.19	1.18	1.19	1.17	1.21	1.16
	1215	11.74	2.50	1.13	1.14	1.16	1.14	1.17	1.17	1.18	1.15	1.20	1.15
	1287	11.65	2.50	1.13	1.12	1.16	1.13	1.17	1.17	1.18	1.16	1.17	1.15
	1318	11.59	2.50	1.13	1.12	1.16	1.12	1.17	1.17	1.18	1.16	1.17	1.14
	1349	11.50	2.50	1.11	1.10	1.15	1.10	1.17	1.17	1.18	1.15	1.16	1.13
			.625										
END OF CHARGE	1185	14.18	.62	1.40	1.41	1.41	1.40	1.41	1.40	1.40	1.39	1.44	1.39
	1215	14.17	.62	1.39	1.40	1.40	1.40	1.40	1.40	1.40	1.39	1.44	1.38
	1287	14.19	.62	1.40	1.41	1.41	1.40	1.41	1.41	1.41	1.42	1.40	1.39
	1318	14.15	.62	1.40	1.41	1.41	1.40	1.41	1.40	1.40	1.42	1.40	1.39
	1349	14.20	.62	1.40	1.41	1.41	1.41	1.42	1.41	1.41	1.42	1.40	1.39

PACK NO. 6
MFR. SONOTONE CAPACITY 5 A.H.

DEPTH OF DISCHARGE: 40 %
PERCENT OF RECHARGE: 125 %

TEST TEMPERATURE: 25°C
ORBIT PERIOD: 3 HOURS

			4.00										
END OF DISCHARGE	1136	7.91	3.99	1.03	1.10	1.03	1.01	1.03	.89	.98	—	.77	.06
	1161	8.24	4.06	1.20	1.18	1.20	REV.	1.20	1.17	1.17	—	1.16	—
	1191	8.03	4.03	1.16	1.16	1.16	—	1.16	1.11	1.12	—	1.12	—
	1263	8.00	4.02	1.16	1.16	1.16	—	1.16	1.11	1.12	—	1.10	—
	1294	7.92	4.02	1.15	1.16	1.15	—	1.16	1.07	1.11	—	1.10	—
	1325	7.78	4.00	1.14	1.15	1.14	—	1.15	1.02	1.10	—	1.08	—
			1.00										
END OF CHARGE	1136	12.48	.18	1.38	1.38	1.38	1.38	1.38	1.38	1.38	—	1.41	1.37
	1161	10.06	.98	1.42	1.44	1.44	—	1.42	1.42	1.42	—	1.45	—
	1191	10.23	.92	1.42	1.45	1.44	—	1.43	1.43	1.44	—	1.52	—
	1263	10.06	.97	1.43	1.44	1.44	—	1.42	1.42	1.42	—	1.43	—
	1294	10.04	.95	1.43	1.44	1.43	—	1.42	1.42	1.42	—	1.43	—
	1325	10.10	.99	1.43	1.45	1.44	—	1.42	1.43	1.43	—	1.44	—

PACK NO. 29
MFR. SONOTONE CAPACITY 5 A.H.

DEPTH OF DISCHARGE: 15 %
PERCENT OF RECHARGE: 160 %

TEST TEMPERATURE: 40°C
ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	1.50 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	1064	12.14	1.52	1.21	1.21	1.20	1.21	1.21	1.21	1.20	1.16	1.21	1.18
	1094	12.14	1.52	1.21	1.21	1.20	1.21	1.21	1.21	1.20	1.16	1.21	1.18
	1165	12.04	1.51	1.21	1.20	1.21	1.21	1.20	1.20	1.20	1.16	1.16	1.18
	1227	12.02	1.50	1.20	1.20	1.20	1.21	1.21	1.20	1.20	1.15	1.16	1.18
END OF CHARGE	1064	13.92	.48 (.480)	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.37	1.41	1.36
	1094	13.88	.48	1.37	1.37	1.37	1.38	1.38	1.37	1.37	1.36	1.40	1.35
	1165	13.92	.49	1.38	1.38	1.38	1.38	1.38	1.37	1.38	1.40	1.36	1.37
	1227	13.93	.49	1.38	1.38	1.38	1.39	1.39	1.38	1.38	1.40	1.37	1.37

PACK NO. 30
MFR. SONOTONE CAPACITY 5 A.H.

DEPTH OF DISCHARGE: 25 %
PERCENT OF RECHARGE: 160 %

TEST TEMPERATURE: 40°C
ORBIT PERIOD: 3 HOURS

			2.50										
END OF DISCHARGE	985	10.79	2.55	1.20	1.17	1.19	1.19	1.20	1.18	—	1.18	1.20	1.18
	1015	10.55	2.52	1.17	1.16	1.16	1.16	1.16	1.15	—	1.15	1.18	1.14
	1086	10.50	2.51	1.17	1.16	1.16	1.15	1.16	1.15	—	1.16	1.16	1.14
	1117	10.47	2.51	1.17	1.16	1.16	1.15	1.16	1.14	—	1.16	1.16	1.14
	1148	10.46	2.50	1.17	1.16	1.15	1.15	1.16	1.14	—	1.16	1.16	1.14
END OF CHARGE	985	12.68	.78 (.800)	1.39	1.40	1.40	1.39	1.40	1.39	—	1.39	1.43	1.39
	1015	12.64	.80	1.40	1.40	1.40	1.40	1.40	1.38	—	1.37	1.41	1.37
	1086	12.67	.79	1.40	1.39	1.41	1.40	1.40	1.40	—	1.39	1.40	1.40
	1117	12.67	.81	1.40	1.40	1.40	1.40	1.40	1.40	—	1.40	1.39	1.40
	1148	12.70	.80	1.40	1.40	1.40	1.40	1.40	1.40	—	1.40	1.40	1.40

PACK NO. 61
MFR. GULTON CAPACITY 6 A.H.

DEPTH OF DISCHARGE: 15 %
PERCENT OF RECHARGE: 115 %

TEST TEMPERATURE: 0°C
ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	1.80 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	2221	12.34	1.79	1.21	1.24	1.23	1.22	1.24	1.23	1.22	1.22	1.26	1.23
	2266	12.37	1.84	1.20	1.23	1.22	1.22	1.23	1.22	1.22	1.22	1.25	1.22
	2294	12.36	1.83	1.21	1.23	1.22	1.22	1.23	1.22	1.22	1.22	1.25	1.22
	2330	12.35	1.83	1.20	1.20	1.22	1.22	1.23	1.22	1.22	1.22	1.23	1.22
	2362	12.35	1.82	1.20	1.23	1.22	1.22	1.22	1.22	1.22	1.22	1.25	1.22
	2394	12.31	1.81	1.20	1.23	1.21	1.21	1.21	1.22	1.21	1.22	1.25	1.21
	2476	12.31	1.82	1.21	1.23	1.23	1.22	1.20	1.22	1.22	1.24	1.22	1.22
	2536	12.24	1.82	1.20	1.23	1.22	1.22	1.15	1.22	1.22	1.24	1.21	1.22
	2570	12.10	1.82	1.20	1.23	1.22	1.22	1.00	1.22	1.22	1.24	1.21	1.22
	2599	12.22	1.82	1.20	1.24	1.22	1.23	1.13	1.23	1.22	1.24	1.22	1.22
	2632	12.24	1.81	1.20	1.23	1.22	1.22	1.17	1.22	1.22	1.24	1.22	1.21
END OF CHARGE			1.035										
	2221	15.46	.55	1.55	1.56	1.53	1.51	1.50	1.59	1.51	1.50	1.65	1.50
	2266	15.80	.60	1.68	1.55	1.67	1.51	1.48	1.61	1.51	1.48	1.66	1.49
	2294	15.86	.59	1.68	1.56	1.67	1.52	1.49	1.63	1.52	1.50	1.68	1.50
	2330	15.74	.65	1.63	1.56	1.61	1.50	1.47	1.61	1.51	1.48	1.66	1.50
	2362	15.80	.59	1.67	1.57	1.59	1.52	1.47	1.63	1.52	1.50	1.68	1.50
	2394	15.72	.66	1.65	1.58	1.59	1.51	1.44	1.63	1.51	1.49	1.68	1.49
	2476	15.48	.67	1.60	1.56	1.56	1.52	1.38	1.58	1.52	1.53	1.60	1.51
	2536	15.09	.88	1.55	1.52	1.52	1.50	1.34	1.52	1.50	1.51	1.53	1.50
	2570	15.67	.70	1.65	1.62	1.55	1.53	1.35	1.64	1.53	1.54	1.63	1.51
	2599	15.03	.84	1.54	1.51	1.51	1.50	1.37	1.51	1.49	1.51	1.52	1.49
	2632	15.77	.76	1.66	1.61	1.55	1.54	1.38	1.66	1.54	1.56	1.64	1.52

PACK NO. 62
MFR. GULTON CAPACITY 6 A.H.

DEPTH OF DISCHARGE: 25 %
PERCENT OF RECHARGE: 115 %

TEST TEMPERATURE: 0°C
ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	3.00 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	2267	11.71	3.00	1.20	1.18	1.19	1.12	1.14	1.19	1.18	1.19	1.22	1.08
	2312	11.90	3.03	1.19	1.18	1.19	1.14	1.15	1.18	1.19	1.18	1.22	1.14
	2340	11.86	3.01	1.20	1.19	1.19	1.14	1.15	1.18	1.19	1.18	1.22	1.13
	2376	11.89	3.01	1.20	1.16	1.19	1.14	1.15	1.19	1.19	1.18	1.21	1.14
	2412	11.79	3.01	1.19	1.17	1.18	1.12	1.13	1.17	1.18	1.17	1.22	1.12
	2522	11.69	3.01	1.19	1.17	1.18	1.10	1.13	1.17	1.18	1.19	1.18	1.10
	2582	11.72	3.00	1.19	1.18	1.17	1.11	1.14	1.18	1.18	1.19	1.18	1.10
	2617	11.67	3.00	1.19	1.17	1.17	1.10	1.13	1.17	1.18	1.19	1.18	1.09
	2646	11.31	3.00	1.18	1.14	1.16	1.04	1.09	1.15	1.17	1.18	1.17	.97
	2680	11.68	2.98	1.22	1.02	1.20	1.13	1.12	1.20	1.21	1.16	1.22	1.10
			1.72										
END OF CHARGE	2267	15.65	.55	1.49	1.61	1.63	1.67	1.65	1.55	1.51	1.49	1.52	1.48
	2312	15.73	.80	1.51	1.57	1.60	1.63	1.60	1.54	1.54	1.52	1.55	1.52
	2340	16.00	.70	1.51	1.66	1.68	1.68	1.66	1.55	1.56	1.52	1.55	1.51
	2376	15.76	.81	1.52	1.56	1.58	1.57	1.59	1.57	1.58	1.52	1.54	1.50
	2412	16.00	.68	1.50	1.64	1.66	1.67	1.66	1.57	1.57	1.50	1.53	1.47
	2522	16.09	.80	1.52	1.65	1.70	1.68	1.67	1.62	1.60	1.55	1.50	1.50
	2582	15.51	.88	1.52	1.55	1.57	1.56	1.55	1.55	1.55	1.55	1.49	1.49
	2617	16.39	.89	1.56	1.67	1.69	1.66	1.69	1.66	1.66	1.56	1.51	1.51
	2646	15.46	1.34	1.54	1.54	1.56	1.56	1.54	1.54	1.54	1.56	1.51	1.49
	2680	15.35	.59	1.51	1.48	1.56	1.59	1.57	1.54	1.52	1.50	1.49	1.51

PACK NO. 13
MFR. GULTON CAPACITY 6 A.H.

DEPTH OF DISCHARGE: 25 %
PERCENT OF RECHARGE: 125 %

TEST TEMPERATURE: 25°C
ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	3.00 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	1992	9.18	2.99	—	1.18	1.17	1.18	1.14	1.12	1.12	1.12	1.16	—
	2037	9.19	3.00	—	1.17	1.21	1.17	1.12	1.09	1.09	1.10	1.15	—
	2065	9.12	3.00	—	1.17	1.21	1.17	1.12	1.08	1.09	1.09	1.14	—
	2101	9.21	3.00	—	1.13	1.21	1.17	1.13	1.11	1.11	1.11	1.13	—
	2133	9.23	2.99	—	1.17	1.20	1.17	1.13	1.12	1.12	1.11	1.15	—
	2165	9.07	3.05	—	1.15	1.19	1.16	1.10	1.09	1.09	1.09	1.13	—
	2247	8.99	3.04	—	1.16	1.20	1.16	1.09	1.08	1.07	1.09	1.10	—
	2307	8.97	3.01	—	1.15	1.19	1.15	1.09	1.08	1.08	1.10	1.09	—
	2341	9.30	3.01	—	1.17	1.20	1.17	1.14	1.14	1.14	1.15	1.13	—
	2370	9.16	3.01	—	1.16	1.19	1.16	1.13	1.12	1.12	1.13	1.12	—
	2403	8.91	3.01	—	1.14	1.17	1.14	1.09	1.08	1.08	1.09	1.08	—
END OF CHARGE			1.875										
	1992	11.79	1.86	—	1.50	1.47	1.49	1.46	1.45	1.45	1.44	1.52	—
	2037	11.60	1.83	—	1.46	1.44	1.45	1.43	1.42	1.42	1.41	1.48	—
	2065	11.60	1.83	—	1.47	1.45	1.46	1.44	1.42	1.42	1.41	1.48	—
	2101	11.63	1.83	—	1.46	1.44	1.45	1.43	1.42	1.42	1.41	1.47	—
	2133	11.58	1.82	—	1.47	1.44	1.45	1.43	1.42	1.42	1.41	1.47	—
	2165	11.59	1.88	—	1.47	1.44	1.45	1.43	1.42	1.41	1.41	1.47	—
	2247	11.57	1.81	—	1.46	1.44	1.45	1.44	1.43	1.43	1.44	1.43	—
	2307	11.62	1.83	—	1.47	1.45	1.46	1.44	1.43	1.43	1.45	1.43	—
	2341	11.69	1.84	—	1.48	1.45	1.47	1.45	1.44	1.44	1.45	1.45	—
	2370	11.65	1.80	—	1.48	1.45	1.46	1.45	1.44	1.44	1.45	1.44	—
	2403	11.62	1.89	—	1.47	1.45	1.46	1.44	1.43	1.43	1.45	1.43	—

PACK NO. 14
MFR. GULTON CAPACITY 6 A.H.

DEPTH OF DISCHARGE: 40 %
PERCENT OF RECHARGE: 125 %

TEST TEMPERATURE: 25°C
ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	4.80 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	1827	5.51	4.49	—	—	—	—	—	1.11	1.12	1.08	1.11	1.07
	1872	5.26	4.34	—	—	—	—	—	.97	1.02	1.15	1.05	1.03
	1900	5.60	4.63	—	—	—	—	—	1.12	1.12	1.15	1.10	1.07
	1934	5.80	4.79	—	—	—	—	—	1.16	1.17	1.15	1.16	1.16
	1970	5.74	4.79	—	—	—	—	—	1.14	1.14	1.13	1.16	1.13
	2080	5.26	4.76	—	—	—	—	—	1.17	.78	1.16	.99	1.11
	2086	4.05	3.79	—	—	—	—	—	1.09	.10	1.03	.99	.98
			3.00										
END OF CHARGE	1827	7.51	2.02	—	—	—	—	—	1.47	1.49	1.47	1.53	1.51
	1872	7.43	2.39	—	—	—	—	—	1.44	1.47	1.44	1.51	1.48
	1900	7.46	2.37	—	—	—	—	—	1.46	1.48	1.45	1.52	1.42
	1934	7.60	3.01	—	—	—	—	—	1.44	1.45	1.45	1.51	1.63
	1970	7.41	2.36	—	—	—	—	—	1.41	1.44	1.43	1.49	1.52
	2080	7.07	3.04	—	—	—	—	—	1.39	1.40	1.41	1.40	1.40
	2086	7.10	3.03	—	—	—	—	—	1.41	1.41	1.43	1.42	1.35

PACK NO. 37
MFR. GULTON CAPACITY 6 A.H.

DEPTH OF DISCHARGE: 15 %
PERCENT OF RECHARGE: 160 %

TEST TEMPERATURE: 40°C
ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	1.80 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	1672	9.14	1.69	1.16	1.18	—	1.15	1.10	1.18	1.10	—	1.10	1.14
	1717	9.48	1.80	1.19	1.17	—	1.18	1.20	1.19	1.15	—	1.13	1.16
	1745	9.24	1.81	1.17	1.17	—	1.15	1.20	1.19	1.06	—	1.09	1.15
	1781	9.40	1.80	1.18	1.16	—	1.17	1.20	1.15	1.11	—	1.15	1.17
	1813	9.29	1.81	1.16	1.17	—	1.15	1.18	1.14	1.10	—	1.13	1.15
	1845	9.09	1.80	1.15	1.17	—	1.14	1.17	1.10	1.06	—	1.09	1.13
	1927	9.41	1.80	1.17	1.18	—	1.17	1.19	1.17	1.15	—	1.15	1.17
	1987	9.33	1.80	1.16	1.17	—	1.16	1.17	1.15	1.16	—	1.13	1.16
	2021	9.30	1.80	1.16	1.17	—	1.15	1.18	1.16	1.12	—	1.13	1.15
	2050	9.42	1.80	1.18	1.19	—	1.17	1.19	1.17	1.15	—	1.16	1.17
	2083	9.29	1.80	1.16	1.17	—	1.15	1.18	1.16	1.11	—	1.14	1.16
END OF CHARGE	1672	11.43	1.34 (1.44)	1.41	1.43	—	1.41	1.41	1.50	1.40	—	1.41	1.40
	1717	11.65	1.44	1.41	1.46	—	1.41	1.42	1.61	1.40	—	1.42	1.40
	1745	11.36	1.44	1.39	1.42	—	1.39	1.41	1.46	1.39	—	1.41	1.39
	1781	11.51	1.44	1.40	1.46	—	1.41	1.42	1.40	1.40	—	1.42	1.40
	1813	11.43	1.44	1.41	1.45	—	1.41	1.42	1.41	1.40	—	1.42	1.40
	1845	11.37	1.44	1.40	1.44	—	1.40	1.41	1.39	1.39	—	1.41	1.39
	1927	11.53	1.42	1.42	1.47	—	1.42	1.44	1.45	1.41	—	1.41	1.42
	1987	11.50	1.44	1.42	1.47	—	1.42	1.43	1.45	1.41	—	1.40	1.41
	2021	11.54	1.43	1.42	1.47	—	1.42	1.43	1.46	1.41	—	1.40	1.41
	2050	11.56	1.43	1.42	1.48	—	1.43	1.44	1.47	1.42	—	1.41	1.42
	2083	11.56	1.38	1.42	1.47	—	1.43	1.44	1.48	1.41	—	1.41	1.41

PACK NO. 65
MFR. GULTON CAPACITY 6 A.H.

DEPTH OF DISCHARGE: 15 %
PERCENT OF RECHARGE: 115 %

TEST TEMPERATURE: 0°C
ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	1.80 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	1259	12.39	1.30	1.22	1.23	1.23	1.23	1.23	1.22	1.20	1.22	1.26	1.19
	1288	12.33	1.82	1.22	1.23	1.22	1.23	1.22	1.22	1.20	1.21	1.26	1.18
	1360	12.34	1.80	1.23	1.23	1.23	1.23	1.23	1.23	1.20	1.23	1.22	1.19
	1391	12.34	1.81	1.23	1.23	1.23	1.23	1.23	1.23	1.20	1.23	1.22	1.19
	1422	12.34	1.79	1.23	1.24	1.23	1.24	1.23	1.23	1.21	1.23	1.23	1.19
END OF CHARGE	1259	15.47	.414 .34	1.55	1.54	1.51	1.53	1.52	1.50	1.60	1.48	1.53	1.58
	1288	15.51	.32	1.56	1.56	1.51	1.52	1.52	1.49	1.60	1.47	1.52	1.60
	1360	15.50	.35	1.57	1.54	1.52	1.52	1.51	1.50	1.60	1.51	1.48	1.60
	1391	15.48	.36	1.57	1.54	1.52	1.52	1.51	1.50	1.60	1.51	1.48	1.61
	1422	15.70	.40	1.60	1.58	1.54	1.54	1.53	1.51	1.64	1.52	1.50	1.64

PACK NO. 66
MFR. GULTON 3.00 CAPACITY 6 A.H.

DEPTH OF DISCHARGE: 25 %
PERCENT OF RECHARGE: 115 %

TEST TEMPERATURE: 0°C
ORBIT PERIOD: 3 HOURS

END OF DISCHARGE	1143	10.34	3.05	1.21	1.18	1.19	1.20	.80	—	1.06	1.17	1.22	1.22
	1173	8.55	2.97	1.19	1.19	1.16	1.18	.66	—	1.02	.35	1.19	1.19
	1237	8.44	2.94	1.19	1.19	1.13	1.17	.33	—	.99	—	1.18	1.19
	1268	7.92	3.03	1.19	1.19	1.11	1.18	—	—	.84	—	1.18	1.19
END OF CHARGE	1143	13.89	.690 .56	1.52	1.55	1.49	1.57	1.60	—	1.56	1.37	1.61	1.52
	1173	13.37	.67	1.53	1.51	1.47	1.46	1.54	—	1.46	1.34	1.47	1.43
	1237	12.67	.67	1.56	1.61	1.51	1.55	1.64	—	1.60	—	1.57	1.54
	1268	10.88	.66	1.54	1.57	1.50	1.54	—	—	1.60	—	1.54	1.52

PACK NO. 17
MFR. GULTON CAPACITY 6 A.H.

DEPTH OF DISCHARGE: 25 %
PERCENT OF RECHARGE: 125 %

TEST TEMPERATURE: 25°C
ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	3.00 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	1134	9.53	3.04	1.16	1.18	—	1.14	—	1.17	1.19	1.18	1.21	1.17
	1164	9.45	3.04	1.15	1.17	—	1.11	—	1.16	1.19	1.18	1.21	1.16
	1236	9.37	3.03	1.15	1.17	—	1.11	—	1.16	1.18	1.19	1.17	1.14
	1267	9.34	3.03	1.14	1.17	—	1.12	—	1.16	1.18	1.19	1.17	1.13
	1298	9.24	3.01	1.14	1.16	—	1.10	—	1.15	1.18	1.19	1.17	1.09
END OF CHARGE	1134	11.48	.74 (.750)	1.42	1.43	—	1.41	—	1.43	1.42	1.42	1.46	1.38
	1164	11.49	.75	1.42	1.42	—	1.40	—	1.42	1.42	1.42	1.46	1.38
	1236	11.44	.67	1.42	1.43	—	1.41	—	1.42	1.41	1.43	1.41	1.38
	1267	11.44	.75	1.42	1.43	—	1.41	—	1.43	1.42	1.44	1.41	1.39
	1298	11.48	.74	1.43	1.43	—	1.42	—	1.43	1.42	1.44	1.42	1.39

PACK NO. 18
MFR. GULTON CAPACITY 6 A.H. (4.80)

DEPTH OF DISCHARGE: 40 %
PERCENT OF RECHARGE: 125 %

TEST TEMPERATURE: 25°C
ORBIT PERIOD: 3 HOURS

END OF DISCHARGE	1026	7.03	4.84	1.17	1.16	—	1.17	1.18	—	—	1.14	—	1.17
	1056	6.02	4.74	1.04	1.06	—	.96	1.07	—	—	.95	—	1.05
	1128	6.03	4.69	1.07	1.07	—	.67	1.07	—	—	1.04	—	1.08
	1168	5.92	4.71	1.06	1.07	—	1.16	.46	—	—	1.02	—	1.14
END OF CHARGE	1026	8.59	1.20 (1.20)	1.44	1.42	—	1.40	1.43	—	—	1.41	—	1.42
	1056	8.69	1.04	1.45	1.42	—	1.41	1.44	—	—	1.43	—	1.43
	1128	8.61	1.19	1.45	1.43	—	1.41	1.43	—	—	1.42	—	1.43
	1168	8.62	1.20	1.46	1.44	—	1.43	1.41	—	—	1.43	—	1.43

PACK NO. 41
MFR. GULTON CAPACITY 6 A.H.

DEPTH OF DISCHARGE: 15 %
PERCENT OF RECHARGE: 160 %

TEST TEMPERATURE: 40°C
ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	1.80 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	1034	10.88	1.83	1.21	1.20	1.21	1.16	1.23	1.15	1.18	1.20	—	1.21
	1062	8.39	1.49	1.21	1.18	1.20	1.14	1.22	.04	1.13	1.19	—	1.21
	1134	8.64	1.53	1.21	.62	1.18	1.13	1.20	—	1.01	1.03	—	1.20
	1143	7.33	1.79	1.20	.24	1.16	1.11	1.19	—	.79	.85	—	1.19
	1146	8.25	1.80	1.20	—	1.21	1.16	1.22	—	1.21	1.20	—	1.23
END OF CHARGE	1034	12.67	.575 .56	1.43	1.37	1.40	1.40	1.41	1.35	1.40	1.37	—	1.40
	1062	12.43	.57	1.39	1.35	1.37	1.37	1.37	1.35	1.36	1.34	—	1.36
	1134	11.11	.56	1.40	1.37	1.38	1.38	1.38	—	1.36	1.37	—	1.38
	1143	11.08	.57	1.40	1.37	1.38	1.38	1.38	—	1.36	1.37	—	1.37
	1146	9.71	.56	1.40	—	1.38	1.39	1.38	—	1.37	1.37	—	1.37

PACK NO. 42
MFR. GULTON CAPACITY 6 A.H.

DEPTH OF DISCHARGE: 25 %
PERCENT OF RECHARGE: 160 %

TEST TEMPERATURE: 40°C
ORBIT PERIOD: 3 HOURS

			3.00										
END OF DISCHARGE	813	7.32	3.06	—	1.20	1.24	1.21	1.23	1.22	—	—	—	1.19
	842	7.08	3.05	—	1.17	1.18	1.16	1.18	1.18	—	—	—	1.14
	905	6.85	3.02	—	1.11	1.16	1.14	1.16	1.13	—	—	—	1.15
	967	6.63	3.02	—	1.06	1.14	1.10	1.14	1.06	—	—	—	1.12
END OF CHARGE	813	8.64	1.20 .84	—	1.41	1.42	1.44	1.48	1.44	—	—	—	1.39
	842	8.41	.60	—	1.38	1.40	1.39	1.39	1.39	—	—	—	1.40
	905	8.44	.81	—	1.40	1.40	1.41	1.41	1.39	—	—	—	1.40
	967	8.52	.89	—	1.41	1.41	1.43	1.43	1.40	—	—	—	1.42

PACK NO. 110 MFR. G.E CAPACITY 12 A.H.	DEPTH OF DISCHARGE: 15 % PERCENT OF RECHARGE: 115 %	TEST TEMPERATURE: 0°C ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	3.60 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	2191	6.11	3.63	1.22	1.22	1.22	1.22	1.22
	2230	6.12	3.62	1.22	1.21	1.22	1.21	1.22
	2258	6.12	3.62	1.22	1.22	1.21	1.22	1.22
	2294	6.16	3.62	1.23	1.22	1.22	1.23	1.23
	2326	6.15	3.63	1.22	1.22	1.22	1.22	1.22
	2358	6.13	3.63	1.22	1.21	1.22	1.22	1.21
	2440	6.14	3.62	1.23	1.22	1.23	1.22	1.23
	2500	6.12	3.62	1.22	1.22	1.22	1.22	1.22
	2534	6.13	3.62	1.23	1.22	1.23	1.22	1.22
	2563	6.14	3.62	1.23	1.23	1.23	1.23	1.23
	2596	6.13	3.62	1.23	1.22	1.23	1.22	1.22
END OF CHARGE	2191	8.00	1.75	1.60	1.62	1.57	1.59	1.58
	2230	7.94	1.60	1.59	1.61	1.56	1.56	1.57
	2258	8.13	1.76	1.63	1.66	1.59	1.60	1.60
	2294	8.02	1.81	1.60	1.63	1.56	1.57	1.56
	2326	8.04	1.77	1.62	1.64	1.58	1.58	1.58
	2358	7.98	1.82	1.59	1.62	1.56	1.57	1.56
	2440	7.97	1.76	1.60	1.64	1.57	1.57	1.57
	2500	7.76	1.88	1.57	1.55	1.54	1.54	1.55
	2534	7.97	1.82	1.60	1.64	1.57	1.57	1.64
	2563	7.70	1.87	1.56	1.55	1.53	1.54	1.53
	2596	7.78	1.49	1.56	1.58	1.54	1.55	1.54

2.07

PACK NO. 124 MFR. G.E. CAPACITY 12 A.H.	DEPTH OF DISCHARGE: 25 % PERCENT OF RECHARGE: 115 %	TEST TEMPERATURE: 0°C ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	6.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	2269	6.02	6.02	1.21	1.21	1.21	1.21	1.20
	2308	5.96	6.00	1.18	1.19	1.18	1.19	1.17
	2336	5.98	5.95	1.19	1.19	1.19	1.19	1.19
	2372	5.97	6.16	1.19	1.16	1.19	1.19	1.18
	2404	5.97	6.16	1.19	1.19	1.18	1.19	1.17
	2436	5.95	6.15	1.19	1.19	1.18	1.19	1.17
	2518	5.96	6.14	1.20	1.19	1.19	1.19	1.18
	2578	5.94	6.13	1.19	1.19	1.19	1.19	1.18
	2612	5.97	6.13	1.19	1.19	1.19	1.19	1.18
	2641	5.97	6.12	1.20	1.20	1.19	1.19	1.18
	2674	5.96	6.12	1.19	1.19	1.18	1.19	1.18
END OF CHARGE	2269	8.13	2.53	1.62	1.62	1.61	1.60	1.66
	2308	8.05	1.40	1.60	1.59	1.58	1.58	1.63
	2336	8.13	2.52	1.61	1.61	1.60	1.59	1.66
	2372	8.11	2.58	1.58	1.59	1.58	1.56	1.64
	2404	8.12	2.47	1.61	1.61	1.60	1.59	1.65
	2436	8.02	2.55	1.58	1.59	1.58	1.57	1.63
	2518	7.98	2.34	1.60	1.59	1.59	1.57	1.62
	2578	7.51	2.93	1.51	1.50	1.50	1.49	1.51
	2612	8.03	2.56	1.60	1.60	1.58	1.57	1.64
	2641	7.48	2.93	1.49	1.49	1.49	1.48	1.49
	2674	7.82	1.98	1.56	1.56	1.55	1.53	1.59

3.45

PACK NO. 82 MFR. G.E. CAPACITY 12 A.H.	DEPTH OF DISCHARGE: 25 % PERCENT OF RECHARGE: 125 %	TEST TEMPERATURE: 25°C ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	6.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	2292	5.83	5.97	1.17	1.15	1.15	1.16	1.19
	2331	5.76	5.95	1.16	1.14	1.11	1.12	1.17
	2359	5.77	5.98	1.17	1.14	1.11	1.13	1.18
	2395	5.68	5.99	1.16	1.15	1.13	1.07	1.18
	2427	5.76	5.96	1.16	1.14	1.12	1.12	1.18
	2459	5.65	5.93	1.15	1.11	1.08	1.09	1.16
	2541	5.75	5.98	1.17	1.14	1.12	1.12	1.18
	2601	5.69	5.98	1.16	1.13	1.10	1.10	1.17
	2635	5.82	6.01	1.17	1.16	1.14	1.15	1.19
	2664	5.78	6.00	1.17	1.16	1.13	1.14	1.19
	2697	5.66	5.99	1.16	1.13	1.09	1.10	1.17
END OF CHARGE	2292	7.34	3.40	1.48	1.46	1.44	1.46	1.47
	2331	7.28	3.73	1.47	1.45	1.43	1.43	1.44
	2359	7.29	3.70	1.48	1.45	1.44	1.43	1.46
	2395	7.29	3.68	1.47	1.44	1.42	1.43	1.45
	2427	7.29	3.70	1.47	1.45	1.43	1.43	1.46
	2459	7.29	3.65	1.48	1.45	1.43	1.43	1.45
	2541	7.32	3.61	1.48	1.46	1.44	1.44	1.47
	2601	7.23	3.67	1.45	1.44	1.43	1.42	1.44
	2635	7.34	3.68	1.49	1.46	1.45	1.45	1.47
	2664	7.22	3.65	1.46	1.45	1.43	1.44	1.45
	2697	7.30	3.58	1.48	1.45	1.45	1.45	1.46

3.75

PACK NO. 96 MFR. G.E. CAPACITY 12 A.H.	DEPTH OF DISCHARGE: 40 % PERCENT OF RECHARGE: 125 %	TEST TEMPERATURE: 25°C ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	9.60 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	2291	5.69	9.62	1.13	1.14	1.15	1.14	1.14
	2358	5.46	9.55	1.07	1.09	1.10	1.09	1.09
	2394	5.51	9.60	1.08	1.06	1.11	1.10	1.09
	2426	5.46	9.62	1.07	1.09	1.09	1.09	1.08
	2458	5.29	9.38	1.02	1.06	1.07	1.06	1.06
	2540	5.45	9.59	1.08	1.09	1.10	1.09	1.09
	2600	5.31	9.40	1.04	1.07	1.07	1.07	1.06
	2634	5.57	9.64	1.11	1.12	1.11	1.11	1.10
	2663	5.45	9.54	1.08	1.10	1.09	1.09	1.09
	2696	5.40	9.51	1.07	1.09	1.08	1.08	1.08
END OF CHARGE	2291	7.60	5.43	1.51	1.51	1.52	1.52	1.53
	2358	7.53	4.67	1.49	1.49	1.51	1.51	1.51
	2394	7.56	4.61	1.47	1.49	1.49	1.49	1.51
	2426	7.49	4.58	1.48	1.48	1.49	1.50	1.49
	2458	7.48	4.65	1.47	1.48	1.49	1.49	1.49
	2540	7.46	4.36	1.48	1.48	1.50	1.50	1.49
	2600	7.24	5.08	1.45	1.45	1.45	1.45	1.45
	2634	7.55	4.52	1.49	1.50	1.51	1.50	1.51
	2663	7.26	4.89	1.45	1.45	1.45	1.45	1.45
	2696	7.45	4.00	1.48	1.48	1.50	1.48	1.49

6.00

PACK NO. 85 MFR. G.E. CAPACITY 12 A.H.	DEPTH OF DISCHARGE: 15 % PERCENT OF RECHARGE: 160 %	TEST TEMPERATURE: 40°C ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	3.60 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	1953	5.93	3.59	1.19	1.19	1.18	1.18	1.19
	1990	5.92	3.59	1.18	1.18	1.16	1.17	1.18
	2022	5.92	3.58	1.19	1.18	1.17	1.17	1.18
	2054	5.94	3.58	1.19	1.18	1.17	1.17	1.18
	2086	5.85	3.61	1.18	1.17	1.15	1.16	1.17
	2200	5.93	3.60	1.19	1.19	1.17	1.18	1.18
	2260	5.93	3.60	1.19	1.19	1.18	1.18	1.18
	2295	5.93	3.59	1.19	1.19	1.17	1.18	1.18
	2324	5.93	3.59	1.19	1.19	1.17	1.18	1.18
	2358	5.93	3.59	1.19	1.19	1.17	1.18	1.18
END OF CHARGE	1953	7.03	2.90	1.40	1.40	1.41	1.40	1.40
	1990	7.03	2.87	1.40	1.39	1.40	1.40	1.39
	2022	7.04	2.90	1.40	1.40	1.40	1.40	1.40
	2054	7.06	2.73	1.40	1.40	1.40	1.40	1.40
	2086	7.02	2.79	1.39	1.39	1.40	1.39	1.39
	2200	7.07	2.75	1.41	1.41	1.41	1.41	1.40
	2260	7.08	2.86	1.41	1.41	1.41	1.41	1.41
	2295	7.07	2.72	1.41	1.41	1.41	1.41	1.40
	2324	7.09	2.86	1.42	1.42	1.42	1.42	1.41
	2358	7.09	2.87	1.42	1.41	1.42	1.42	1.41

2.88

PACK NO. 99 MFR. G.E. CAPACITY 12 A.H.	DEPTH OF DISCHARGE: 25 % PERCENT OF RECHARGE: 160 %	TEST TEMPERATURE: 40°C ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	6.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	1768	5.53	5.89	1.13	1.12	1.10	1.08	1.09
	1805	5.60	6.02	1.13	1.12	1.11	1.10	1.10
	1837	5.61	6.02	1.13	1.13	1.11	1.11	1.11
	1869	5.66	6.02	1.13	1.13	1.12	1.12	1.11
	1901	5.46	6.00	1.11	1.10	1.08	1.06	1.07
	2015	5.61	5.99	1.14	1.12	1.12	1.10	1.11
	2075	5.61	6.00	1.13	1.12	1.12	1.11	1.11
	2110	5.63	5.99	1.13	1.13	1.12	1.11	1.11
	2139	5.63	5.99	1.13	1.13	1.13	1.11	1.12
	2173	5.53	5.97	1.11	1.11	1.11	1.09	1.10
END OF CHARGE	1768	7.10	3.73	1.43	1.42	1.41	1.41	1.42
	1805	7.18	4.21	1.45	1.42	1.42	1.41	1.41
	1837	7.21	4.13	1.45	1.44	1.43	1.42	1.42
	1869	7.31	4.37	1.47	1.45	1.46	1.43	1.43
	1901	7.22	4.52	1.46	1.43	1.43	1.42	1.42
	2015	7.23	4.10	1.46	1.44	1.44	1.42	1.43
	2075	7.25	4.03	1.47	1.44	1.45	1.42	1.43
	2110	7.27	4.19	1.47	1.45	1.45	1.42	1.43
	2139	7.22	3.35	1.46	1.44	1.44	1.42	1.43
	2173	7.14	2.12	1.44	1.43	1.43	1.41	1.41
			4.80					

PACK NO. 111 MFR. G.E. CAPACITY 12 A.H.	DEPTH OF DISCHARGE: 15 % PERCENT OF RECHARGE: 115 %	TEST TEMPERATURE: 0°C ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	3.60 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	1163	6.19	3.61	1.24	1.24	1.22	1.24	1.24
	1193	6.12	3.62	1.22	1.22	1.20	1.22	1.21
	1265	6.12	3.61	1.22	1.23	1.21	1.22	1.22
	1296	6.13	3.63	1.23	1.23	1.22	1.22	1.22
	1327	6.14	3.62	1.23	1.23	1.21	1.22	1.22
END OF CHARGE	1163	7.83	.77	1.57	1.53	1.61	1.53	1.54
	1193	7.79	.77	1.57	1.51	1.60	1.51	1.52
	1265	7.79	.76	1.58	1.52	1.62	1.51	1.53
	1296	7.71	.78	1.57	1.50	1.60	1.50	1.51
	1327	7.79	.79	1.58	1.52	1.62	1.52	1.53
			.828					

PACK NO. 125 MFR. G.E. CAPACITY 12 A.H.	DEPTH OF DISCHARGE: 25 % PERCENT OF RECHARGE: 115 % 6.00	TEST TEMPERATURE: 0°C ORBIT PERIOD: 3 HOURS

END OF DISCHARGE	1163	6.05	6.04	1.20	1.20	1.21	1.20	1.21
	1193	5.97	6.04	1.18	1.19	1.19	1.18	1.18
	1265	5.96	6.01	1.19	1.19	1.19	1.19	1.18
	1296	5.98	6.02	1.19	1.20	1.19	1.19	1.19
	1327	5.98	6.00	1.19	1.20	1.20	1.20	1.19
END OF CHARGE	1163	7.92	1.15	1.60	1.59	1.60	1.55	1.55
	1193	7.93	1.01	1.61	1.59	1.60	1.55	1.55
	1265	7.90	1.13	1.62	1.59	161	1.55	1.53
	1296	7.82	1.16	1.59	1.57	1.58	1.54	1.52
	1327	7.89	1.14	1.61	1.59	1.60	1.55	1.54
			1.38					

PACK NO. 83 MFR. G.E. CAPACITY 12 A.H.	DEPTH OF DISCHARGE: 25 % PERCENT OF RECHARGE: 125 %	TEST TEMPERATURE: 25°C ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	6.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	1158	6.02	6.03	1.21	1.20	1.18	1.20	1.20
	1188	5.92	6.04	1.18	1.18	1.16	1.17	1.16
	1260	5.92	5.98	1.19	1.18	1.16	1.17	1.17
	1291	5.90	5.95	1.19	1.18	1.16	1.16	1.17
	1322	5.91	6.00	1.19	1.18	1.16	1.17	1.17
END OF CHARGE	1158	7.07	1.52	1.42	1.41	1.40	1.41	1.40
	1188	7.08	1.50	1.43	1.40	1.40	1.40	1.40
	1260	7.10	1.44	1.43	1.42	1.41	1.41	1.41
	1291	7.08	1.46	1.42	1.41	1.41	1.40	1.41
	1322	7.12	1.50	1.43	1.42	1.42	1.41	1.41

1.50

PACK NO. 97 MFR. G.E. CAPACITY 12 A.H.	DEPTH OF DISCHARGE: 40 % PERCENT OF RECHARGE: 125 % 9.60	TEST TEMPERATURE: 25°C ORBIT PERIOD: 3 HOURS

END OF DISCHARGE	1149	5.78	9.54	1.15	1.15	1.15	1.15	1.16
	1179	5.26	9.02	1.06	1.05	1.00	1.04	1.07
	1251	5.49	9.26	1.10	1.10	1.10	1.09	1.09
	1282	5.36	9.02	1.08	1.08	1.06	1.07	1.07
	1313	5.32	8.95	1.08	1.08	1.01	1.07	1.08
END OF CHARGE	1149	7.19	2.36	1.44	1.44	1.42	1.43	1.44
	1179	7.23	1.72	1.44	1.44	1.42	1.44	1.44
	1251	7.23	2.18	1.45	1.45	1.44	1.44	1.45
	1282	7.21	2.27	1.45	1.45	1.43	1.44	1.44
	1313	7.26	2.35	1.46	1.46	1.44	1.45	1.45

2.40

PACK NO. 86 MFR. G.E. CAPACITY 12 A.H.	DEPTH OF DISCHARGE: 15 % PERCENT OF RECHARGE: 160 %	TEST TEMPERATURE: 40°C ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	3.60 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	1049	5.73	3.60	1.17	1.10	1.11	1.17	1.15
	1081	5.68	3.62	1.16	1.08	1.10	1.16	1.13
	1151	5.72	3.60	1.17	1.11	1.13	1.17	1.14
	1182	5.74	3.60	1.17	1.12	1.13	1.17	1.14
	1214	5.72	3.59	1.17	1.11	1.12	1.17	1.14
END OF CHARGE	1049	6.86	1.16	1.37	1.37	1.37	1.36	1.37
	1081	6.88	1.15	1.37	1.37	1.37	1.36	1.37
	1151	6.92	1.15	1.39	1.38	1.38	1.38	1.38
	1182	6.91	1.15	1.38	1.38	1.38	1.38	1.38
	1214	6.93	1.16	1.39	1.39	1.38	1.38	1.38
			1.15					

PACK NO. 100 MFR. G.E. CAPACITY 12 A.H.	DEPTH OF DISCHARGE: 25 % PERCENT OF RECHARGE: 160 % 6.00	TEST TEMPERATURE: 40°C ORBIT PERIOD: 3 HOURS

END OF DISCHARGE	916	5.23	5.93	1.05	1.05	1.05	1.03	1.02
	948	5.23	5.94	1.08	1.04	1.04	1.02	1.01
	1018	5.33	5.92	1.10	1.08	1.08	1.02	1.02
	1049	5.44	5.93	1.12	1.10	1.10	1.05	1.06
	1081	5.38	5.91	1.11	1.09	1.08	1.04	1.04
END OF CHARGE	916	6.95	1.92	1.39	1.39	1.38	1.38	1.38
	948	6.97	1.88	1.39	1.39	1.38	1.38	1.38
	1018	7.03	1.88	1.41	1.40	1.40	1.39	1.40
	1049	7.02	1.89	1.41	1.40	1.40	1.39	1.40
	1081	7.05	1.94	1.41	1.41	1.41	1.40	1.40
			1.92					

PACK NO. 101 MFR. GULTON CAPACITY 20 A.H.	DEPTH OF DISCHARGE: 15 % PERCENT OF RECHARGE: 115 %	TEST TEMPERATURE: 0°C ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	6.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	2022	5.81	5.93	1.23	1.20	1.19	.96	1.22
	2061	5.34	5.98	1.20	1.00	1.16	.77	1.17
	2089	5.22	5.94	1.21	.96	1.16	.70	1.17
	2125	5.62	6.01	1.22	1.08	1.18	.92	1.20
	2157	5.57	6.02	1.22	1.06	1.18	.89	1.18
	2189	5.54	6.00	1.22	1.06	1.17	.87	1.18
	2271	5.47	6.00	1.22	1.03	1.18	.84	1.18
	2331	5.40	6.02	1.22	1.02	1.17	.80	1.17
	2365	5.44	6.02	1.22	1.03	1.17	.82	1.17
	2394	5.35	5.99	1.22	1.00	1.18	.77	1.17
	2427	5.38	6.02	1.22	1.02	1.17	.79	1.17
END OF CHARGE	2022	7.97	2.11	1.53	1.60	1.55	1.60	1.65
	2061	7.58	2.12	1.46	1.56	1.46	1.55	1.51
	2089	7.81	2.41	1.49	1.63	1.48	1.59	1.57
	2125	7.86	2.12	1.50	1.61	1.50	1.56	1.60
	2157	7.89	1.98	1.51	1.63	1.51	1.57	1.61
	2189	7.89	2.03	1.50	1.63	1.52	1.57	1.61
	2271	7.77	2.10	1.51	1.60	1.51	1.57	1.56
	2331	7.58	2.68	1.48	1.55	1.47	1.56	1.50
	2365	7.87	2.16	1.51	1.63	1.52	1.58	1.59
	2394	7.56	2.63	1.47	1.55	1.47	1.57	1.49
	2427	7.82	2.10	1.51	1.62	1.52	1.57	1.57

3.45

PACK NO. 115 MFR. GULTON CAPACITY 20 A.H.	DEPTH OF DISCHARGE: 25 % PERCENT OF RECHARGE: 115 %	TEST TEMPERATURE: 0°C ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	10.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	2040	5.25	9.92	1.17	1.00	.72	1.18	1.20
	2079	4.58	8.90	1.13	.90	.21	1.14	1.16
	2107	4.39	9.91	1.15	.93	—	1.15	1.18
	2121	4.28	9.66	1.16	.74	—	1.17	1.19
	2203	4.00	8.98	1.18	.44	—	1.17	1.20
	2263	3.07	10.01	1.14	—	—	.80	1.18
	2291	2.54	10.03	1.04	—	—	.39	1.16
END OF CHARGE	2040	7.94	3.13	1.57	1.65	1.63	1.55	1.55
	2079	7.50	3.90	1.46	1.53	1.57	1.45	1.46
	2107	7.96	3.73	1.57	1.66	1.60	1.56	1.55
	2121	6.77	5.93	1.60	1.78	—	1.73	1.64
	2203	6.87	5.92	1.62	1.83	—	1.77	1.65
	2263	4.57	3.77	1.49	—	—	1.59	1.49
	2291	4.75	5.60	1.50	—	—	1.73	1.50

5.75

PACK NO. 73 MFR. GULTON CAPACITY 20 A.H.	DEPTH OF DISCHARGE: 25 % PERCENT OF RECHARGE: 125 %	TEST TEMPERATURE: 25°C ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	10.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	1975	4.49	9.97	1.12	1.16	—	1.11	1.11
	2014	4.44	10.03	1.12	1.14	—	1.09	1.08
	2042	4.40	10.14	1.12	1.14	—	1.07	1.07
	2078	4.41	10.21	1.11	1.12	—	1.07	1.07
	2110	4.35	10.19	1.10	1.12	—	1.03	1.06
	2142	4.23	10.15	1.08	1.10	—	1.00	1.03
	2224	4.38	10.20	1.11	1.12	—	1.07	1.08
	2284	4.32	10.08	1.11	1.11	—	1.05	1.07
	2318	4.42	10.24	1.11	1.13	—	1.10	1.08
	2347	4.30	10.18	1.10	1.11	—	1.04	1.06
	2380	4.18	10.15	1.08	1.08	—	.99	1.03
END OF CHARGE	1975	5.95	5.54	1.53	1.49	—	1.44	1.48
	2014	5.89	5.75	1.51	1.47	—	1.42	1.46
	2042	5.90	5.81	1.52	1.48	—	1.42	1.46
	2078	5.95	5.77	1.50	1.48	—	1.41	1.45
	2110	5.88	5.73	1.51	1.47	—	1.42	1.44
	2142	5.88	5.69	1.51	1.47	—	1.42	1.44
	2224	5.88	5.46	1.52	1.47	—	1.43	1.45
	2284	5.76	6.02	1.46	1.44	—	1.42	1.42
	2318	5.90	6.00	1.51	1.48	—	1.43	1.45
	2347	5.76	5.77	1.46	1.44	—	1.43	1.43
	2380	5.82	5.15	1.49	1.46	—	1.43	1.44

6.25

PACK NO. 76 MFR. GULTON CAPACITY 20 A.H.	DEPTH OF DISCHARGE: 15 % PERCENT OF RECHARGE: 160 %	TEST TEMPERATURE: 40°C ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	6.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	1793	5.51	5.73	1.17	1.10	1.07	1.09	1.09
	1832	5.68	6.06	1.17	1.05	1.14	1.15	1.16
	1860	5.43	6.03	1.15	1.05	1.05	1.08	1.08
	1896	5.60	6.03	1.16	1.02	1.10	1.12	1.13
	1932	5.41	6.03	1.14	1.04	1.05	1.08	1.07
	2042	5.46	6.02	1.16	1.04	1.07	1.10	1.08
	2102	5.52	6.03	1.16	1.05	1.09	1.12	1.10
	2137	5.51	6.01	1.16	1.05	1.08	1.11	1.10
	2166	5.40	5.99	1.15	1.04	1.05	1.09	1.06
	2200	5.47	5.98	1.17	.90	1.10	1.14	1.08
END OF CHARGE	1793	7.05	3.63	1.40	1.44	1.40	1.42	1.40
	1832	7.04	3.38	1.39	1.43	1.39	1.40	1.40
	1860	7.02	3.66	1.40	1.43	1.38	1.40	1.39
	1896	7.13	3.43	1.40	1.45	1.39	1.41	1.40
	1932	7.05	3.50	1.39	1.43	1.38	1.40	1.39
	2042	7.11	3.71	1.42	1.45	1.41	1.42	1.41
	2102	7.07	3.47	1.41	1.44	1.40	1.41	1.40
	2137	7.13	3.87	1.42	1.46	1.40	1.42	1.41
	2166	7.12	3.42	1.42	1.46	1.40	1.43	1.41
	2200	7.14	3.99	1.42	1.45	1.41	1.43	1.41

4.80

PACK NO. 90 MFR. GULTON CAPACITY 20 A.H.	DEPTH OF DISCHARGE: 25 % PERCENT OF RECHARGE: 160 %	TEST TEMPERATURE: 40°C ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	10.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	1666	5.13	9.86	1.03	1.03	1.01	1.02	1.03
	1705	5.36	9.91	1.06	1.08	1.07	1.07	1.04
	1733	5.15	9.86	1.03	1.03	1.02	1.02	1.01
	1769	5.58	9.73	1.11	1.11	1.10	1.11	1.11
	1805	5.31	9.78	1.05	1.06	1.05	1.06	1.04
	1915	5.25	9.86	1.04	1.06	1.05	1.05	1.02
	1975	5.40	9.86	1.08	1.08	1.08	1.08	1.06
	2010	5.43	9.89	1.08	1.08	1.08	1.08	1.07
	2039	5.21	9.83	1.03	1.05	1.06	1.04	1.00
	2063	5.46	9.83	1.10	1.10	1.02	1.11	1.10
END OF CHARGE	1666	7.22	7.27	1.44	1.44	1.45	1.43	1.44
	1705	7.23	6.80	1.43	1.43	1.45	1.41	1.42
	1733	7.20	7.29	1.42	1.43	1.44	1.42	1.42
	1769	7.27	6.49	1.43	1.43	1.45	1.43	1.42
	1805	7.23	6.92	1.43	1.43	1.45	1.42	1.43
	1915	7.29	6.84	1.44	1.45	1.47	1.43	1.44
	1975	7.23	5.92	1.43	1.44	1.46	1.42	1.43
	2010	7.30	6.89	1.44	1.45	1.48	1.43	1.44
	2039	7.30	6.15	1.45	1.45	1.48	1.44	1.45
	2063	7.29	6.86	1.44	1.45	1.48	1.44	1.44

8.00

PACK NO. 102 MFR. GULTON CAPACITY 20 A.H.	DEPTH OF DISCHARGE: 15 % PERCENT OF RECHARGE: 115 %	TEST TEMPERATURE: 0°C ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	6.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	946	4.89	6.04	1.21	—	1.21	1.22	1.21
	976	4.90	6.02	1.22	—	1.21	1.22	1.21
	1048	4.89	6.02	1.22	—	1.22	1.22	1.22
	1079	4.89	6.05	1.22	—	1.23	1.22	1.22
	1110	4.90	6.01	1.22	—	1.22	1.22	1.21
END OF CHARGE	946	6.19	.78	1.53	—	1.58	1.48	1.56
	976	6.21	.87	1.53	—	1.58	1.48	1.57
	1048	6.25	1.12	1.56	—	1.60	1.50	1.58
	1079	6.16	1.06	1.54	—	1.56	1.50	1.55
	1110	6.17	1.10	1.54	—	1.56	1.51	1.55
			1.38					

PACK NO. 116 MFR. GULTON CAPACITY 20 A.H.	DEPTH OF DISCHARGE: 25 % PERCENT OF RECHARGE: 115 % 10.00	TEST TEMPERATURE: 0°C ORBIT PERIOD: 3 HOURS

END OF DISCHARGE	833	5.97	10.12	1.19	1.19	1.18	1.19	1.18
	863	6.00	10.14	1.19	1.20	1.19	1.19	1.19
	935	5.81	10.06	1.17	1.17	1.14	1.16	1.15
	966	6.03	10.08	1.21	1.21	1.19	1.20	1.20
	997	5.96	10.01	1.25	1.25	.97	1.25	1.25
END OF CHARGE	833	7.98	1.11	1.64	1.62	1.67	1.53	1.50
	863	7.76	1.17	1.51	1.54	1.62	1.54	1.50
	935	7.25	2.26	1.45	1.47	1.44	1.44	1.43
	966	8.03	1.30	1.53	1.64	1.65	1.61	1.58
	997	8.02	1.34	1.54	1.65	1.65	1.61	1.57
			2.30					

PACK NO. 74 MFR. GULTON CAPACITY 20 A.H.	DEPTH OF DISCHARGE: 25 % PERCENT OF RECHARGE: 125 %	TEST TEMPERATURE: 25°C ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	10.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	1011	4.55	10.16	1.08	.77	.79	.78	1.10
	1041	4.14	9.51	1.02	.71	.70	.64	1.03
	1113	3.93	9.09	1.02	.67	.66	.56	1.02
	1137	4.16	9.66	1.06	.71	.64	.66	1.08
END OF CHARGE	1011	7.18	2.49	1.40	1.46	1.44	1.43	1.41
	1041	7.16	2.48	1.40	1.46	1.43	1.43	1.40
	1113	7.20	2.48	1.41	1.47	1.45	1.44	1.40
	1137	7.17	2.49	1.40	1.48	1.44	1.43	1.40
			2.50					

PACK NO. 88 MFR. GULTON CAPACITY 20 A.H.	DEPTH OF DISCHARGE: 40 % PERCENT OF RECHARGE: 125 %	TEST TEMPERATURE: 25°C ORBIT PERIOD: 3 HOURS

END OF DISCHARGE	SECURED.		—					
END OF CHARGE								

PACK NO. 77 MFR. GULTON CAPACITY 20 A.H.	DEPTH OF DISCHARGE: 15 % PERCENT OF RECHARGE: 160 %	TEST TEMPERATURE: 40°C ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	6.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	918	5.84	6.05	1.17	1.15	1.15	1.16	1.19
	948	5.48	6.03	1.11	1.08	1.06	1.07	1.11
	1020	5.47	6.00	1.12	1.08	1.07	1.08	1.11
	1051	5.43	6.00	1.11	1.08	1.06	1.08	1.10
	1082	5.46	5.98	1.11	1.08	1.07	1.08	1.11
END OF CHARGE	918	6.93	1.95	1.38	1.38	1.37	1.38	1.39
	948	6.98	1.42	1.39	1.38	1.38	1.39	1.40
	1020	6.97	1.83	1.40	1.38	1.39	1.39	1.39
	1051	6.96	1.88	1.40	1.39	1.38	1.39	1.40
	1082	6.99	1.91	1.40	1.39	1.39	1.40	1.40
			1.92					

PACK NO. 91 MFR. GULTON CAPACITY 20 A.H.	DEPTH OF DISCHARGE: 25 % PERCENT OF RECHARGE: 160 % 10.00	TEST TEMPERATURE: 40°C ORBIT PERIOD: 3 HOURS

END OF DISCHARGE	832	5.66	9.92	1.14	1.13	1.11	1.14	1.13
	862	4.80	9.88	1.02	.89	.83	1.03	.98
	934	4.92	9.82	1.00	.91	.95	1.03	1.00
	965	4.86	9.84	.99	.93	.94	1.00	.96
	996	4.90	9.86	.99	.94	.98	1.00	.97
END OF CHARGE	832	7.04	3.23	1.40	1.40	1.40	1.41	1.39
	862	7.04	3.16	1.40	1.39	1.39	1.40	1.39
	934	7.06	3.06	1.41	1.40	1.40	1.41	1.41
	965	7.05	3.09	1.41	1.40	1.41	1.40	1.41
	996	7.08	3.16	1.41	1.41	1.41	1.41	1.41
			3.20					

PACK NO. 84 MFR. GOULD CAPACITY 20 A.H.	DEPTH OF DISCHARGE: 15 % PERCENT OF RECHARGE: 115 %	TEST TEMPERATURE: 0°C ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	6.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	2041	6.26	5.99	1.25	1.26	1.24	1.24	1.26
	2080	6.10	6.03	1.25	1.25	1.24	1.11	1.27
	2108	6.31	6.05	1.26	1.27	1.25	1.24	1.27
	2137	6.41	6.09	1.29	1.29	1.27	1.26	1.28
	2203	6.35	6.03	1.27	1.27	1.25	1.25	1.27
	2283	6.28	6.04	1.26	1.26	1.25	1.23	1.26
	2343	6.16	6.02	1.27	1.27	1.11	1.25	1.28
	2378	6.26	6.02	1.26	1.26	1.25	1.23	1.26
	2407	6.25	6.02	1.26	1.26	1.24	1.23	1.25
	2441	6.37	5.99	1.29	1.29	1.19	1.27	1.30
END OF CHARGE	2041	7.63	1.52	1.51	1.52	1.52	1.53	1.52
	2080	7.83	2.22	1.55	1.56	1.59	1.53	1.52
	2108	7.19	3.52	1.42	1.42	1.43	1.45	1.42
	2137	7.63	2.86	1.50	1.51	1.54	1.50	1.48
	2203	7.82	2.43	1.54	1.55	1.57	1.53	1.54
	2283	7.81	2.56	1.56	1.57	1.58	1.54	1.53
	2343	7.70	2.24	1.55	1.54	1.57	1.51	1.51
	2378	7.86	2.45	1.59	1.57	1.61	1.54	1.53
	2407	7.72	2.45	1.55	1.55	1.56	1.52	1.51
	2441	7.79	3.18	1.56	1.56	1.58	1.54	1.52

3.45

PACK NO. 98 MFR. GOULD CAPACITY 20 A.H.	DEPTH OF DISCHARGE: 25 % PERCENT OF RECHARGE: 115 %	TEST TEMPERATURE: 0°C ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	10.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	1989	5.98	9.90	1.20	1.22	1.21	1.24	1.13
	2028	5.76	10.32	1.15	1.17	1.15	1.19	1.06
	2056	5.80	10.06	1.16	1.19	1.17	1.20	1.07
	2092	5.88	10.18	1.17	1.19	1.18	1.22	1.08
	2128	5.85	10.01	1.17	1.20	1.17	1.21	1.07
	2238	5.80	10.01	1.17	1.19	1.18	1.21	1.05
	2298	5.81	10.00	1.15	1.20	1.17	1.21	1.07
	2333	5.82	10.04	1.15	1.20	1.17	1.21	1.07
	2362	5.79	10.04	1.15	1.20	1.17	1.21	1.06
	2396	5.83	9.99	1.17	1.06	1.20	1.24	1.07
END OF CHARGE	1989	8.08	4.34	1.60	1.57	1.58	1.61	1.71
	2028	7.60	3.40	1.50	1.46	1.49	1.49	1.62
	2056	7.86	3.65	1.56	1.50	1.54	1.54	1.68
	2092	8.01	3.45	1.56	1.52	1.54	1.58	1.69
	2128	7.94	3.09	1.56	1.51	1.55	1.57	1.67
	2238	7.96	3.54	1.58	1.52	1.56	1.59	1.69
	2298	7.85	3.29	1.57	1.50	1.54	1.56	1.66
	2333	7.78	2.60	1.54	1.51	1.52	1.52	1.63
	2362	7.86	3.46	1.57	1.51	1.54	1.56	1.67
	2396	8.16	5.81	1.65	1.54	1.58	1.63	1.73

5.75

PACK NO. 104 MFR. GOULD CAPACITY 20 A.H.	DEPTH OF DISCHARGE: 25 % PERCENT OF RECHARGE: 125 %	TEST TEMPERATURE: 25°C ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	10.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	2042	5.85	9.91	1.16	1.21	1.12	1.18	1.21
	2109	6.00	9.98	1.24	1.21	1.16	1.18	1.20
	2145	5.96	9.99	1.19	1.19	1.15	1.18	1.20
	2181	5.86	9.88	1.16	1.20	1.10	1.17	1.19
	2291	5.78	9.90	1.17	1.20	1.03	1.17	1.19
	2327	5.99	9.94	1.23	1.20	1.20	1.19	1.19
	2371	5.88	9.90	1.17	1.05	1.21	1.21	1.18
END OF CHARGE	2042	7.26	4.24	1.41	1.46	1.43	1.48	1.48
	2109	7.46	5.78	1.53	1.47	1.43	1.49	1.50
	2145	7.40	5.87	1.42	1.46	1.42	1.48	1.50
	2181	7.32	6.08	1.41	1.45	1.41	1.47	1.48
	2291	7.36	6.07	1.44	1.47	1.43	1.50	1.50
	2327	7.44	5.59	1.49	1.48	1.47	1.49	1.51
	2371	7.31	6.14	1.40	1.47	1.44	1.48	1.50
			6.25					

PACK NO. 118 MFR. GOULD CAPACITY 20 A.H.	DEPTH OF DISCHARGE: 40 % PERCENT OF RECHARGE: 125 %	TEST TEMPERATURE: 25°C ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	16.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	1620	5.88	16.12	1.15	1.16	1.16	1.17	1.17
	1652	5.93	16.17	1.16	1.17	1.17	1.18	1.18
	1684	5.79	16.10	1.14	1.16	1.15	1.16	1.16
	1820	4.59	15.84	1.16	.08	1.17	1.17	1.18
	1888	4.62	16.05	1.15	—	1.16	1.16	1.16
	1924	4.61	16.07	1.14	—	1.15	1.16	1.16
	1952	4.60	16.11	1.15	—	1.16	1.15	1.16
	1967	3.33	16.03	1.14	—	1.14	.09	1.15
	1988	3.42	16.07	1.15	—	1.17	.05	1.15
END OF CHARGE	1620	7.58	6.58	1.55	1.51	1.47	1.47	1.50
	1652	7.60	6.82	1.56	1.50	1.48	1.47	1.51
	1684	7.56	6.97	1.54	1.51	1.47	1.46	1.51
	1820	6.12	10.00	1.58	.03	1.51	1.47	1.52
	1888	6.07	9.78	1.57	—	1.49	1.48	1.52
	1924	6.09	9.65	1.57	—	1.50	1.49	1.52
	1952	6.10	9.87	1.57	—	1.50	1.49	1.52
	1967	4.64	9.75	1.57	—	1.48	.04	1.53
	1988	4.67	9.87	1.59	—	1.51	.02	1.54
			10.00				—	

PACK NO. 112 MFR. GOULD CAPACITY 20 A.H.	DEPTH OF DISCHARGE: 15 % PERCENT OF RECHARGE: 160 %	TEST TEMPERATURE: 40°C ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	6.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	1802	6.01	5.93	1.18	1.21	1.21	1.21	1.20
	1841	5.87	6.03	1.14	1.18	1.18	1.18	1.16
	1869	5.91	6.04	1.16	1.18	1.19	1.19	1.17
	1905	5.99	5.95	1.17	1.20	1.20	1.21	1.19
	1941	5.94	5.96	1.16	1.19	1.19	1.19	1.17
	2051	5.93	5.95	1.16	1.19	1.20	1.19	1.17
	2111	5.92	5.95	1.16	1.18	1.20	1.19	1.17
	2146	5.97	5.96	1.17	1.20	1.21	1.20	1.18
	2175	5.88	5.93	1.15	1.18	1.19	1.18	1.16
	2209	6.03	5.91	1.19	1.21	1.14	1.23	1.22
END OF CHARGE	1802	7.26	3.86	1.47	1.45	1.42	1.44	1.45
	1841	7.19	2.86	1.45	1.43	1.41	1.43	1.43
	1869	7.22	3.67	1.46	1.44	1.42	1.43	1.44
	1905	7.27	3.02	1.46	1.44	1.41	1.43	1.43
	1941	7.23	3.30	1.45	1.43	1.41	1.43	1.43
	2051	7.30	3.41	1.48	1.46	1.43	1.45	1.45
	2111	7.22	2.85	1.46	1.44	1.42	1.43	1.44
	2146	7.29	3.38	1.48	1.45	1.43	1.45	1.45
	2175	7.26	2.94	1.47	1.45	1.43	1.44	1.45
	2209	7.23	2.33	1.47	1.44	1.42	1.44	1.44
			4.80					

PACK NO. 80 MFR. GOULD CAPACITY 20 A.H.	DEPTH OF DISCHARGE: 15 % PERCENT OF RECHARGE: 115 %	TEST TEMPERATURE: 0°C ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	6.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	1071	5.96	6.12	1.23	1.23	.98	1.24	1.23
	1101	5.90	6.09	1.23	1.24	1.09	1.24	1.23
	1173	5.75	6.07	1.24	1.25	.75	1.24	1.25
	1204	5.57	6.08	1.22	1.22	.81	1.23	1.22
	1235	5.81	6.07	1.25	1.25	.97	1.25	1.25
END OF CHARGE	1071	7.76	1.01	1.50	1.59	1.60	1.52	1.51
	1101	7.92	1.12	1.51	1.65	1.59	1.53	1.53
	1173	7.66	.81	1.51	1.54	1.57	1.51	1.51
	1204	7.79	1.34	1.49	1.62	1.63	1.51	1.50
	1235	7.88	1.08	1.52	1.63	1.60	1.54	1.53
			1.38					

PACK NO. 94 MFR. GOULD CAPACITY 20 A.H.	DEPTH OF DISCHARGE: 25 % PERCENT OF RECHARGE: 115 % 10.00	TEST TEMPERATURE: 0°C ORBIT PERIOD: 3 HOURS

END OF DISCHARGE	935	6.05	10.15	1.21	1.19	1.21	1.21	1.21
	965	6.06	10.16	1.21	1.20	1.20	1.21	1.20
	1037	5.50	10.14	1.16	1.06	1.10	1.14	1.03
	1068	6.18	10.16	1.25	1.23	1.23	1.24	1.22
	1099	6.21	10.18	1.25	1.24	1.24	1.25	1.24
END OF CHARGE	935	8.05	1.59	1.53	1.53	1.64	1.62	1.69
	965	7.70	1.13	1.51	1.51	1.54	1.54	1.55
	1037	7.11	2.26	1.41	1.41	1.43	1.41	1.42
	1068	7.91	1.32	1.50	1.49	1.62	1.62	1.66
	1099	8.01	1.88	1.52	1.51	1.63	1.64	1.70
			2.30					

PACK NO. 105 MFR. GOULD CAPACITY 20 A.H.	DEPTH OF DISCHARGE: 25 % PERCENT OF RECHARGE: 125 %	TEST TEMPERATURE: 25°C ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	10.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	1009	6.02	10.08	1.19	1.18	1.21	1.21	1.21
	1039	5.92	10.00	1.16	1.18	1.19	1.19	1.18
	1111	5.93	9.86	1.19	1.18	1.16	1.17	1.17
	1142	5.92	9.81	1.17	1.18	1.19	1.20	1.19
	1173	5.93	9.77	1.17	1.18	1.19	1.20	1.19
END OF CHARGE	1009	7.24	2.14	1.46	1.43	1.44	1.44	1.45
	1039	7.25	1.37	1.45	1.43	1.43	1.43	1.45
	1111	7.04	2.02	1.47	1.44	1.45	1.44	1.45
	1142	7.23	2.11	1.46	1.44	1.44	1.44	1.44
	1173	7.26	2.21	1.46	1.45	1.45	1.44	1.45
			2.50					

PACK NO. 119 MFR. GOULD CAPACITY 20 A.H.	DEPTH OF DISCHARGE: 40 % PERCENT OF RECHARGE: 125 % 16.00	TEST TEMPERATURE: 25°C ORBIT PERIOD: 3 HOURS

END OF DISCHARGE	889	4.73	16.12	1.18	1.16	1.19	1.18	—
	926	4.67	16.56	1.17	1.13	1.17	1.17	—
	954	4.70	16.61	1.17	1.13	1.17	1.17	—
	1028	4.64	15.66	1.17	1.14	1.18	1.17	—
	1059	4.61	15.67	1.17	1.13	1.17	1.17	—
	1362	4.63	15.62	1.17	1.13	1.16	1.17	—
END OF CHARGE	889	5.90	2.77	1.48	1.46	1.49	1.46	—
	926	5.89	1.55	1.50	1.44	1.48	1.45	—
	954	5.82	1.75	1.47	1.43	1.46	1.44	—
	1028	5.87	2.98	1.48	1.45	1.48	1.46	—
	1059	5.91	2.33	1.50	1.45	1.49	1.46	—
	1362	5.80	1.78	1.46	1.44	1.45	1.44	—
			4.00					

PACK NO. 108 MFR. GOULD CAPACITY 20 A.H.	DEPTH OF DISCHARGE: 15 % PERCENT OF RECHARGE: 160 %	TEST TEMPERATURE: 40°C ORBIT PERIOD: 3 HOURS

	CYCLE NO.	PACK VOLTAGE	6.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	893	5.99	6.02	1.19	1.19	1.18	1.20	1.19
	923	5.99	6.06	1.19	1.18	1.18	1.20	1.19
	995	5.99	6.03	1.20	1.19	1.19	1.19	1.20
	1026	5.99	6.05	1.20	1.19	1.20	1.20	1.20
	1057	6.14	6.04	1.22	1.22	1.22	1.22	1.23
END OF CHARGE	893	7.05	1.92	1.40	1.40	1.39	1.41	1.40
	923	7.08	1.91	1.40	1.40	1.39	1.41	1.40
	995	7.09	1.91	1.41	1.41	1.40	1.42	1.41
	1026	7.08	1.92	1.42	1.41	1.41	1.42	1.41
	1057	7.12	1.92	1.42	1.42	1.41	1.43	1.42

1.92

PACK NO. 122 MFR. GOULD CAPACITY 20 A.H.	DEPTH OF DISCHARGE: 25 % PERCENT OF RECHARGE: 160 % 10.00	TEST TEMPERATURE: 40°C ORBIT PERIOD: 3 HOURS

END OF DISCHARGE	814	3.22	6.73	1.13	.06	.01	1.14	1.04
	825	3.00	10.04	1.05	—	—	1.01	.94
	855	3.13	9.99	1.09	—	—	1.08	.95
	904	3.27	10.05	1.11	—	—	1.17	.99
	936	3.24	9.98	1.13	—	—	1.19	.93
END OF CHARGE	814	7.18	2.86	1.46	1.42	1.39	1.44	1.47
	825	4.39	2.79	1.46	—	—	1.44	1.48
	855	4.25	1.29	1.42	—	—	1.41	1.40
	904	4.38	3.09	1.49	—	—	1.43	1.46
	936	4.39	3.01	1.52	—	—	1.44	1.42

3.20

PACK NO. 33
YARDNEY 10XYS-12 SIL CAD

24-HOUR ORBIT

TEST TEMPERATURE: 40°C

	CYCLE NO.	PACK VOLTAGE	6.00 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	108	9.53	6.05	1.06	1.03	—	1.06	1.06	1.06	1.06	1.05	1.06	1.03
	116	9.38	6.05	1.07	.99	—	1.06	1.06	1.06	1.05	1.04	1.07	1.04
	129	8.32	6.09	1.06	—	—	1.06	1.06	1.06	1.05	1.05	1.04	1.03
			.600										
END OF CHARGE	108	14.12	.01	1.40	1.39	—	1.70	1.72	1.40	1.70	1.67	1.46	1.53
	116	13.86	.01	1.41	1.40	—	1.73	1.73	1.42	1.43	1.42	1.51	1.68
	129	12.29	.004	1.52	—	—	1.42	1.72	1.42	1.67	1.69	1.38	1.41

PACK NO. 57
YARDNEY 10XYS-12 SIL CAD

24-HOUR ORBIT

TEST TEMPERATURE: 0°C

	CYCLE NO.	PACK VOLTAGE	6.00 CURRENT	CELL VOLTAGES 1	2	3	4	5	6	7	8	9	10
END OF DISCHARGE	105	10.27	6.10	1.02	1.02	1.03	1.02	1.02	1.01	1.02	.95	1.04	1.01
	113	10.23	6.47	1.02	1.02	1.02	1.02	1.01	1.02	1.01	.94	1.04	1.01
	126	10.09	5.98	1.01	1.00	1.01	1.01	.99	1.01	1.00	.95	.99	1.00
END OF CHARGE	105	15.07	.600 .06	1.49	1.49	1.50	1.50	1.49	1.49	1.50	1.48	1.53	1.48
	113	15.05	.07	1.50	1.50	1.50	1.48	1.49	1.49	1.48	1.49	1.53	1.48
	126	14.97	.07	1.50	1.50	1.50	1.49	1.50	1.49	1.48	1.50	1.48	1.49

PACK NO. 79 MFR. GULTON CAPACITY 6 A.H.	DEPTH OF DISCHARGE: 50 % PERCENT OF RECHARGE: 200 %	TEST TEMPERATURE: 25°C ORBIT PERIOD: 24 HRS.

END OF DISCHARGE

CYCLE NO.	PACK VOLTAGE	3.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
66	5.44	2.99	1.14	1.12	1.13	1.10	1.11
74	5.04	2.98	1.03	.97	.99	1.02	.99
87	5.55	2.98	1.12	1.10	1.11	1.09	1.10

END OF CHARGE

66	6.93	.27	1.38	1.37	1.38	1.38	1.39
74	6.90	.27	1.37	1.37	1.37	1.37	1.37
87	6.95	.26	1.40	1.39	1.39	1.39	1.39

.261

PACK NO. 93 MFR. G.E. CAPACITY 12 A.H.	DEPTH OF DISCHARGE: 50 % PERCENT OF RECHARGE: 200 %	TEST TEMPERATURE: 25°C ORBIT PERIOD: 24 HRS.

	CYCLE NO.	PACK VOLTAGE	6.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	66	5.90	6.00	1.17	1.17	1.17	1.17	1.17
	74	5.71	5.99	1.15	1.12	1.11	1.12	1.14
	87	5.75	5.98	1.15	1.14	1.13	1.14	1.15
END OF CHARGE	66	7.00	.50	1.39	1.39	1.39	1.39	1.39
	74	6.96	.53	1.38	1.38	1.38	1.39	1.39
	87	7.01	.53	1.40	1.40	1.40	1.40	1.40

5.22

PACK NO. 95 MFR. GULTON CAPACITY 50 A.H.	DEPTH OF DISCHARGE: 25 % PERCENT OF RECHARGE: 115 %	TEST TEMPERATURE: 0°C ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	25 A CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	2	6.18	24.81	1.23	1.23	1.23	1.23	1.23
	21	6.08	24.83	1.20	1.21	1.20	1.21	1.20
	227	6.19	24.74	1.24	1.23	1.24	1.24	1.23
	263	6.15	24.75	1.22	1.23	1.23	1.23	1.23
	291	6.13	24.68	1.22	1.23	1.23	1.23	1.22
	327	6.11	24.62	1.22	1.22	1.22	1.23	1.22
END OF CHARGE	2	7.54	10.39	1.52	1.49	1.49	1.50	1.51
	21	7.64	5.35	1.52	1.51	1.50	1.52	1.51
	227	7.26	14.21	1.45	1.45	1.45	1.45	1.45
	263	8.55	14.07	1.72	1.69	1.72	1.72	1.68
	291	8.63	14.03	1.73	1.72	1.73	1.73	1.71
	327	8.61	14.02	1.73	1.73	1.73	1.73	1.69
			14.38					

PACK NO. 123 MFR. GULTON CAPACITY 50 A.H.	DEPTH OF DISCHARGE: 15 % PERCENT OF RECHARGE: 160 %	TEST TEMPERATURE: 40°C ORBIT PERIOD: 90 MINUTES

	CYCLE NO.	PACK VOLTAGE	15.00 CURRENT	CELL VOLTAGES 1	2	3	4	5
END OF DISCHARGE	1	6.22	15.08	1.25	1.24	1.24	1.24	1.24
	37	6.04	14.84	1.21	1.20	1.20	1.20	1.21
	73	6.00	14.88	1.20	1.20	1.19	1.19	1.20
	101	5.97	14.82	1.20	1.19	1.18	1.19	1.19
	137	5.93	14.76	1.20	1.19	1.17	1.18	1.19
END OF CHARGE	1	6.93	12.03	1.39	1.38	1.38	1.38	1.39
	37	6.97	11.84	1.40	1.39	1.39	1.39	1.40
	73	6.96	11.90	1.39	1.38	1.38	1.38	1.39
	101	6.97	11.75	1.40	1.39	1.38	1.39	1.40
	137	6.96	11.78	1.40	1.39	1.38	1.39	1.40

12.00