

MIL-B-18855D(OS)
Amendment 1
8 October 1969

MILITARY SPECIFICATION

BATTERY MK 53 MOD 0

SECONDARY TYPE, SILVER-ZINC-ALKALI

This amendment forms a part of Military Specification MIL-B-18855D(OS) of 21 January 1969 and has been approved by the Naval Ordnance Systems Command, Department of the Navy

Page 19, Table I: Delete and substitute attached page, Table I.

Preparing Activity
Navy - OS
Project No. 6140-N243

FSC 6140

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2

Table I - Cell Capacity

Cells Tested	Current Drain in Amperes	Time in Minutes	Minimum Voltage (See Note 1)	Minimum No. of Readings (See Note 2)	Minimum Average Voltage (See Note 3)	Minimum No. of Cycles	Initial Electrolyte Temp. In °F
One propulsion cell	450 ±5	9	1.15	15	1.25	1	75 ±5
"	"	6	1.15	10	1.25	6	75 ±5
"	"	9	1.11	15	1.21	1	40 ±2
"	"	6	1.11	10	1.21	6	40 ±2
Two propulsion cells connected in parallel	250 ±5	30	1.25	50	1.36	1	75 ±5
"	"	15	1.25	25	1.36	6	75 ±5
"	"	30	1.20	50	1.32	1	40 ±2
"	"	15	1.20	25	1.32	6	40 ±2
One auxiliary cell	36 ±1	30	1.25	50	1.40	1	75 ±5
"	"	15	1.25	25	1.40	6	75 ±5
"	"	30	1.25	50	1.38	1	40 ±2
"	"	15	1.25	25	1.38	6	40 ±2

Note 1: This is the minimum voltage requirement 30 seconds after start of discharge.

Note 2: These readings to be taken at equally spaced intervals throughout the discharge.
A continuous recording of voltage versus time is acceptable.

Note 3: This is the minimum average voltage over the range calculated from 30 seconds after start of discharge to the end of discharge time specified.