



Indicator Buoy - Type 0070

The core of the Buoy is constructed using a rigid PVC foam, from which the buoyancy is derived. This buoyancy core has an outer protective layer of glass reinforced plastic.

The upper portion of the buoy, which is visible above the waterline, has reflective sheeting applied. On the underside of the buoy there is an anchor plate assembly to which a mooring line is attached.

The buoy is stowed in a purpose designed well and is retained in place by positively buoyant covers. When these are released from inside the submersible, the buoy which houses a radio unit, ascends under natural buoyancy. On reaching the surface, the radio unit antenna deploys and a continuous distress message is transmitted, a flashing light is also provided by the radio unit. The Indicator Buoy remains tethered to the submersible at all times.



Modified Buoy	NSN	2050-99-027-3022
Un-Modified Buoy	NSN	2050-99-733-4126

Technical Specification

MATERIALS

Buoyancy Core	Rigid PVC Foam Divinycell HCP 70
Outer Skin	Glass Reinforced Plastic

All metal components are resistant to salt corrosion and in-service fluids and contaminants.

Weight (in Air)	220 Kgs ±10
Diameter	863mm ±3
Height	860mm ±5
Excess Buoyancy	160 Kgs ± 10
Current Payload	48 Kgs
Typical V.C.G.	40mm
Typical V.C.B.	104mm
Typical G.M.	60mm
Typical B.M.	125mm
Operational Temperature	-30°C to +50°C
Storage Temperature	40°C to +70°C



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