

SOS DAN BUOY 33

READY-TO-GO RESCUE DEVICE

SOS Inflatable Dan Buoy33 is a proven lifesaving device designed for man overboard emergencies for both leisure boaters and first responders.

SPEED
SIMPLICITY
HIGH VISIBILITY



EXCELLENCE AWARD FOR WELFARE, HEALTH AND SAFETY 2011

The SOS Dan Buoy is one of the biggest changes machine-rescue devices in decades and is made in Australia.

Designed and developed by SOS Marine, the Dan Buoy is not a lifejacket but a compact flotation unit that can be thrown into the water as a rescue device.

The unique design of the device took out the Excellence Award for the Welfare, Health and Safety category 2011.

S.O.S
MARINE

www.sosmarine.com



JUST THROW IT INTO THE WATER

WE'VE MADE OUR MARK...

The **SOS Dan Buoy 33** is a patented rescue device incorporating advanced technology to provide a better opportunity for saving lives. It acts as a **marker**, clearly identifying the location of a person overboard.

The **SOS Dan Buoy 33** is used by navies and rescue groups worldwide and numerous yachts in the hazardous Sydney to Hobart yacht race.

It is lightweight and an efficient fast rescue-system that is manoeuvrable for all age groups and boats, thus ensuring safety being integrated into **everyday boating** in all geographic locations.

Automatically activates!

SOS DAN BUOY 33 DIFFERENCE

- A multi-award-winning rescue device including an Engineers Excellence Award for Welfare, Health and Safety.
- The SOS Inflatable Dan Buoy 33 is the first of its kind tested to elements of **ISO 12402**.
- A compact, self-contained flotation rescue device to assist person overboard. It is packed into a portable valise-ready-for-use.
- With the SOS Dan Buoy 33 there is no need to set or activate- **JUST THROW** towards the person overboard.
- Easy-to-handle, with less risk of having equipment related malfunction and no complicated assembly instructions.
- Once thrown, it acts as a **MARKER**, clearly identifying the location of a person overboard
- **Visibility:** The fluorescent yellow, 2.5 metre streaming ribbon waves back and forth in a breeze, allowing it to be seen up to 1700 metres.
- The SOS Dan Buoy allows the swimmer to place their arms through the **webbing loops** (patent) giving an extra sense of security and stability, especially when fatigued while waiting rescue.
- Fitted with an automatic **SOLAS** light for night rescues and **SOLAS** grade high-visibility, retro-reflective tape
- Easy maintenance and service. Lightweight (weighs 4 kilos around 10 lbs) and compact for transport and stowing on all vessels
- **Reusable and repackable** - only requires a 33 gram replacement cylinder and an activation cartridge. (There is a **service reminder** inside the flap)
- The SOS Dan Buoy has the extra benefit of removing the drogue and attaching an anchor. It can then be used as a **temporary marker for wrecks**, channels, and dive or crash sites, at sea.
- SOS Dan Buoy meets: **World Sailing Offshore Special Regulations**, section 4.22 It also satisfies **US Sailing Safety Equipment Requirements** for a man overboard pole.
- **Yachting Australia Approved** - Required to be attached to the lifebuoy with 3m of floating line.

LIFESAVING DEVICE FOR HIGHLY DIVERSE RESCUE OPERATIONS



After being trialled and tested by the Royal New Zealand Navy and the NSW Air Wing Police, the SOS Dan Buoy holds up exceptionally well in terms of originality, visibility, durability, maintenance and serviceability and can be used for **highly diverse rescue operations**.

SOS DAN BUOY 33 SOS-6375

- **Rescue Helicopter Pilots** - find deployment of the SOS Dan Buoy **MARKER** an effective and accurate rescue system.
- When the SOS Dan Buoy is dropped from a helicopter it **indicates wind and current directions**.
- It is a workable rescue device that can be set in motion without delay, **JUST THROW** to the person overboard.
- The technology components of the SOS Dan Buoy have a practical-safety-usable benefit for its applications, from high-risk marine activities, such as, navy, search & rescue operations, to vulnerable marine users in particular, novice drivers, and cultural minorities
- It is reusable and easily serviced.
- **Stowage** problems; life-ring in RIBS or similar boats cannot be easily stowed: The SOS Dan Buoy is smaller than a **tackle-box**, easily stowed, yet when used has **high visibility**.

Searching rescue helicopters can find it almost impossible to spot the overturned hull of a 'tinny' in a wild sea, spotting an individual swimmer is even harder.

- The SOS Dan Buoy is lightweight, efficient fast rescue-system that is manoeuvrable for all age groups.



33-GRAM CYLINDER SOS-5100-1

- SOLAS Light SOS-5593
- UML Prosensor-elite cartridge SOS-6106
- UML Prosensor-cartridge SOS-6100-2
- **Service Window: detecting at a glance** the SOS Dan Buoy is set-to-go (**GREEN**)

SUPERIOR RAIL MOUNT HOLDER FOR SOS DAN BUOY 33 SOS-5638

The **Rail Mount Holder** is an easy to use, roll down drybag. It prevents constant rain, waves and sea spray unintentionally inflating your **SOS DAN BUOY 33**.



Comparison of Drogue used by SOS Dan Buoy and Off the Shelf Drogue



Weighted drogue bag: Is designed along life raft specifications.

The self-opening sea anchor reduces downwind-drift keeping the **victim in the same position as when they went overboard**.



RESCUE ASSISTANCE DEPLOYED FROM AIR OR VESSEL

The inflatable SOS Dan Buoy 33 is an effective solution to provide short-term lifesaving and rescue assistance that render existing systems such as onboard lifeboats inoperable or infeasible.

With naval ships, cruise ships and bulk carriers stopping these hundred-thousand-tonnes carriers in a person overboard situation takes time, a lifeboat deployment is not quick to deploy.

In difficult and dangerous rescue operations, deployment **of several SOS Dan Buoys** dropped from a helicopter assist in the operational timeline.

The SOS Dan Buoy was developed as an ultra-lightweight floating device that can be deployed from air or vessel during a large rescue operation to reduce the loss of life. (Weights 4 Kilos around 10lbs)

I am a licensed Master, with decades of experience on the water, both "blue" and "brown." We purchased a SOS Dan Buoy to use as part of our man-over-board training. We have now deployed it more than a dozen times as part of these exercises. The Dan Buoy has worked flawlessly every time, opening upon submersion into the water as designed. After each use, we wash it with fresh water and allow it to dry thoroughly. Once dry, we deflate it fully, re-arm it with a new 33-grammy linder, replace the dissolving pill and clip on the new green plastic cover. Repacking instructions come with the Dan Buoy and they are also shown onthesosmarine.com. Repacking is quite straight forward and takes about one minute to complete. The Dan Buoy is now ready to deploy again.

We are extremely happy with this innovative Man Overboard device. It is a significant step forward on the old stick marker pole system. The speed and ease of deployment is unparalleled in the marine industry and the visibility in rough or night time conditions are spectacular. I highly recommend the SOS Dan Buoy as a Man Overboard marker pole.

- Vincent T. Pica, II Licensed Master New York

CUSTOMER TESTIMONIALS

"When time is of the essence the SOS Dan Buoy is the answer"

- Philip Thompson - America's Cup Challenger Skipper

"On the water nothing is faster than disaster", the SOS Dan Buoy is rescue-ready equipment you may not live without.

AGENT:

**S.O.S
MARINE**

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ABOUT SOS MARINE

SOS Marine is an Australian manufacturing company developing specialised marine safety and rescue equipment for maritime professionals including 19 countries Defence Forces world-wide.

The company is one of the few companies world-wide to purpose-design specialised professional waterfront safety equipment and for high-risk marine tactical operations.