



OCEAN COMMANDER® (OC8003 HR)

When lives are at stake, having an immersion suit with the quality and performance of the Mustang Survival Ocean Commander® is essential. The Ocean Commander® is feature-laden to give you the highest level of protection. Donning is made easy with a full-length zipper, neoprene wrist seals and removable neoprene mitts. The OC8003 HR is lighter than conventional neoprene suits, and provides unhindered mobility for continued abandonment procedures.

Mustang Survival's Ocean Commander® Immersion Suit is the trusted choice of sailors, offshore boaters, fishermen and other commercial mariners. Building on the results of our recent on-water visibility study, we are proud to introduce the Ocean Commander® in fluorescent yellow-green, a colour proven to be more highly visible in rescue conditions.



Fluorescent yellow-green for improved visibility

Emergency Personal Locator Light

Lifting loop



Removable mitts can be stowed for improved dexterity

Increased mobility to improve functionality in emergency situations

Boots with non-slip rubber sole

Inflatable head pillow

45% lighter than conventional neoprene suits

Buddy line for tethering

Welded nylon outer shell

Water-tight zipper and seams

Neoprene wrist seals

Detachable inner buoyancy liner

TRANSPORT CANADA / MED / SOLAS APPROVED

SIZE	Universal Adult Weight: 110–300 lb (50–136 kg) Height: 4'11"–6'3" (1.5m–1.9m)
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OCEAN COMMANDER®

COLOUR SELECTION RATIONALE

In August 2011, Mustang Survival conducted a study entitled *On-Water Visibility* to distinguish and scientifically validate the most conspicuous colour for use on Personal Floatation Devices (PFDs) and Immersion Suits (IS) when viewed on the water. Prior to this study there were no recent studies on the science of non-reflective conspicuity and the effects of colour on conspicuity conducted in marine environments. The most recent Canadian standards prescribe Pantone colours (Orange, Red, and Yellow) for these products. Notably missing were high visibility CSA approved colours which have been mandated on construction sites and within the Public Safety Community throughout North America for their high degree of visibility.

The Findings:

- Research findings show fluorescent yellow-green (G) followed by fluorescent orange (O) were the most conspicuous colours for a floating target when compared to non-fluorescent red (R) and non-fluorescent yellow (Y). This result was found from simulated laboratory viewings and actual on-water experiments using human subjects.
- When viewing the colours against a simulated maritime horizon using their central vision, the test subjects judged fluorescent yellow-green and fluorescent orange, to be the more conspicuous colours compared to red, and yellow. Yellow was deemed to be the least conspicuous.
- On water testing of the four specific fabric colours showed that for both approaching and leaving a target in low or high intensity light, fluorescent yellow-green was the most conspicuous colour overall, followed by fluorescent orange. Red was found to be the least conspicuous colour with on-water testing.
- Minimum on-water detection distances ranged from 350 meters (red) to 1400 meters (green).

To read the full study, visit www.mustangsurvival.com/visibility.

During the creation of the OC8003 HR Ocean Commander, the Mustang Survival design team looked at the results of this study when determining suit colour. As a result of in-water real world testing, the new Ocean Commander provides excellent appearance and more importantly allows the user to be seen throughout a wide range of light levels and water conditions when compared to the gold shell fabric of the legacy suit.