



# HSITT™ Mk II

Naval targets

The High Speed Inflatable Towed Target (HSITT) Mk II is part of a family of low-cost, easily stowed, robust, inflatable towed targets that is the result of extensive research and development.

The High Speed Inflatable Towed Target (HSITT) Mk II are in service with over 10 militaries world-wide and are recognized as the best naval inflatable targets in the world. The HSITT was primarily designed to be towed by the Barracuda Unmanned Surface Vehicle - Target (USV-T) at high speeds and is ideal for visual and radar guided weapons systems. However, the HSITT can also be utilized as a stationary/drift target (sea-anchored in place). The HSITT can also be equipped with radar reflective patches to increase the radar signature.

This HSITT Maritime Surface Target, provided by QTS, is typically used by customers to represent Close Quarter threats to commercial shipping and Naval vessels and has been used to test the effectiveness and operational readiness of weapon systems including:

- Naval Guns/Close In Weapon Systems & Aircraft/Helicopter Cannons: Generically - Small Calibre (20mm-57mm), Medium Calibre (57mm-100mm) and Large Calibre Naval Guns (100mm – 127mm) ..... Specifically - Phalanx, 25-30 Bushmaster, 40mm Bofors, 57mm Bofors Mk III, 76mm Oto Melara SRGM, 100mm Creusot Loire, 4.5" Royal Ordnance, and 127mm Oto Melara/FMV Guns

The HSITT MkII is made of a special PVC material and is divided into five redundant air chambers. Although primarily designed as an expendable 'kill' target, the HSITT Mk II can be easily repaired. Experience has shown that it can sustain multiple direct hits before being rendered inoperable and minor damage can easily be repaired onboard ship using the repair kit that is included. Once repaired, the HSITT Mk II is available for use the next day.

The HSITT Mk II features a patented "water skeg" keel that provides stability and prevents the towed target from rolling due to weather conditions or becoming unstable at high speeds. This allows militaries to employ the HSITT Mk II in both calm and rough sea conditions.

## HSITT™ Mk II Specifications

### Physical (based on Mk II)

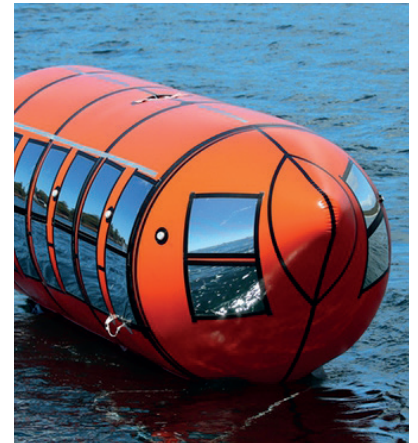
Target Area	18.25m (196ft <sup>2</sup> )
Height	2.5m (8 ft)
Length	7.3m (24 ft)
Width	2.5m (8 ft)
Target Weight (Dry)	68 kg (150 lbs)
Colour	Black or Day-Glow Orange

### Performance

Temperature	Operating: -30° to +50°C (-22° to +122°F) Storage: -40°C to +60°C (-40 to +140°F)
Towing speed (max)	Sea State 0: 36+ knots Sea State 1: 30 knots Sea State 2: 30 knots Sea State 3: 25 knots Sea State 4: 20 knots Sea State 5: 15 knots
Tow lines available	122 m (400 ft)(standard) 400m (1312 ft) 600m (1968 ft) 2000m (6560 ft)
Towing vehicle	Barracuda USV-T Navy Ship Auxiliary vessel
HSITT Kit Contents	HSITT Towed Target Echomax, Passive RF Reflector, 20m <sup>2</sup> Aluminized Adhesive Patches Tow Bridle Tow Line, 122m (400 ft) Inflation Pump, Electric Tube Repair Kit Operation and Maintenance Handbook

### Key features

- Proven speed of 36+ knots
- Easily towable
- Low-cost and expendable
- Patented skeg design for high stability



**Note: Due to continuous process improvements, specifications are subject to change without notice.**

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### For further information please contact:

Cody Technology Park  
Ively Road, Farnborough  
Hampshire, GU14 0LX  
United Kingdom

+44 (0)1252 392000  
customercontact@QinetiQ.com  
[www.QinetiQ.com](http://www.QinetiQ.com)