



The TRITON barrier solutions have been engineered and optimized for open-ocean and near shore applications.








TRITON is a high-visibility, heavy-duty, maritime barrier designed to operate in the harshest marine environments. This barrier has been designed, tested, and proven to operate in Sea State 7 (up to 11-meter wave events).

#### TRITON Key Features:

- Modular design provides extended service life with minimal maintenance - a critical feature for barriers deployed in offshore environments.
- Superior hydrodynamic stability is provided by the barrier's HALO's proprietary geometric barrier technology and specialized material specifications
- Patented joints connect barrier segments and provide the required flexibility and the strength to survive extreme wave profiles
- Segments can be opened and closed to provide controlled access to restricted waterways

All HALO products are capable of integrating oil abatement/containment systems, can support third-party sensors (safety, security and environmental), and are marine mammal and environmentally friendly.



	ORCA - I	ORCA - II	ORCA - III	DEPLOYER	TRITON	GUARDIAN
						
	EXCLUSION ZONES	JETSKI BARRIER	INDUSTRY STAND.	MOBILE SYSTEM	CUSTOMIZABLE	MAX DEFENSE
	Line Of Demarcation	Light Duty Marine Barriers			Heavy Duty Barriers	Military Grade
<b>SIZE</b>						
Height off water	0.7 m	1.3 m	1.8 m	1.6 m	2.0 m	2.4 m
Width (Beam)	0.7 m	1.9 m	2.7 m	1.6 m	2.5 m	4.4 m
Sectional Length	1.2 m	1.6 m	1.6 m	1.5 m	10.0 m	4.0 m
<b>CAPABILITY</b>						
Max Kinetic Energy	N/A	407 kJ	813 kJ	705 kJ	>813 kJ	> 6,779 kJ
% of Boats Stopped	N/A	95%	99%	99%	99%	99.99%
ASTM F2766-11 KE LEVEL	N/A	LVL A-B	LVL C	LVL C	LVL C-D	LVL F
Suitable Environments	Exposed Harbor	Protected Harbor	Exposed Harbor	Protected Harbor	Offshore	Exposed Harbor
<b>RECOMMENDED DEPLOYMENTS</b>						
Access Control	X	X	X	X	X	X
Manual Marine Gate	Swing	Swing	Swing	Swing	Swing	Swing
Automatic Marine Gate				Retractable	Swing	Retractable
Static Defensive Barrier	X	X	X	X	X	X
Portable Defensive Barrier	X			X		
Price Point	\$	\$\$	\$\$	\$\$\$	\$\$\$	\$\$\$\$
<b>THREAT TYPE</b>						
Kayaks		X	X	X	X	X
Small Watercraft		X	X	X	X	X
Medium Watercraft					X	X
Large Watercraft					X	X
<b>ACCESSORY OPTIONS</b>						
Lights & Signage	X	X	X	X	X	X
Oil Abatement/Containment	X	X	X	X	X	X
Intrusion Detection (Fiber Optic)		X	X	X	X	X
Annunciators (Horns, Lights, etc.)		X	X	X	X	X
Subsurface Marine Netting					X	X

The TRITON barrier can be fully integrated with existing third-party security equipment, oil containment systems, or other HALO barriers. TRITON is also available in customized colors for increased visibility or environmental camouflaging, as required.

### Applications:

- High Value Assets With:
  - Extreme Environmental Conditions (wind, current, sea)
  - High Debris
  - Deep Water
- Critical Infrastructure
  - Nuclear and Other Power Plants
  - Commercial Maritime Ports and Terminals
  - De-salinization Plants
  - Oil & Gas Facilities
- Restricted Waterways
- Military Bases & High-profile Government Facilities
- Security Exclusion Zones/ Special Events and Public Venues

**All HALO systems are available with the following options:**

- Lights & Signage
- Security Cameras
- Intrusion Detection
- Marine Netting
- Annunciators
- Oil Abatement/Containment
- Mooring/Anchoring Options
- Multiple Color Options
- 3rd Party Integrations

**All HALO Protective Security Barriers are Marine Mammal Friendly and Offer a 15-year Nominal Lifespan**