



DEPLOYER is a mobile, portable, maritime barrier that can be rapidly deployed, without heavy equipment, to protect critical infrastructure. DEPLOYER is transported fully assembled, in a standard ISO shipping container, and designed to protect transient assets; such as visiting military ships, cruise ships, and large motor yachts. This barrier is also intended to provide temporary protection for ports, harbors, and other valuable assets along the littoral.

#### DEPLOYER Key Features:

- Unique, Flexible Design provides a mobile, portable option for employing a waterside security barrier
- Gate is operated manually using a winch and a small boat.
- Retracts to 1/5th of its fully extended length
- Stored in a standard 40 foot or 20 foot ISO container
- Forty (40) feet of Deployer, transported in a standard ISO container, expands to 200 feet of barrier protection
- Multiple sections can be joined together to fit any requirement.
- Multiple, flexible, elastomer hinges, "X" frame assemblies, enable simplified maintenance and repair
- Corrosion Resistant Composite Components and a net capture system have been designed to form an impenetrable barrier
- Double-Walled construction engineered to stop boats on impact. HALO's proprietary barrier technology transfers kinetic energy of an impact from the barrier to the water

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.



								
<b>Parameter</b>	<b>Orca LOD 1</b>	<b>Orca LOD 2</b>	<b>Deployer</b>	<b>Defender</b>	<b>Guardian</b>	<b>Triton</b>	<b>Triton OS*</b>	<b>Sentinel</b>
	<b>LINES OF DEMARCATION</b>			<b>MARINE BARRIER SYSTEMS</b>				

**SIZE**

Height off water (m)	0.7	1.3	1.6	2.4	2.4	2	2.5	2.6
Width/Beam (m)	0.7	2.3	1.6	5	4.4	2.5	2.8	4.6
Draft	0.2 M	0.2 M	0.58 M	0.84 M	0.62 M	Varies	Varies	Varies
Mass (kg/m)	42	160	113	267	90	190	310	448
Sectional Length (m)	</= 300	1.6	1.5	4	4	12	12	15

**CAPABILITY**

Max Kinetic Energy (kJ)	-	135	705	705	> 6,779	705	1200	> 6,779
% of Boats Stopped	-	82%	99.00%	99.00%	99.99%	99.00%	99.25%	99.99%
ASTM F2766-11 KE LVL	-	LVL A	LVL C	LVL C	LVL F	LVL C	LVL C-D	LVL F

**DEPLOYMENTS**

Access Control	✓	✓	✓	✓	✓	✓	✓	✓
Manual Marine Gate	✓	✓	✓	✓	✓	✓	✓	
Automatic Marine Gate			Option	Option	Option	Option	Option	
Static Barrier	✓	✓	✓	✓	✓	✓	✓	✓
Portable Barrier	✓		✓					

**THREAT TYPE**

Swimmers	✓	✓	✓	✓	✓	✓	✓	✓
Small Watercraft	✓	✓	✓	✓	✓	✓	✓	✓
Medium Watercraft			✓	✓	✓	✓	✓	✓
Large Watercraft				✓	✓		✓	✓

\* Offshore

DEPLOYER is an economical security solution that allows for quick employment and can be easily transported via land, sea or air in standard containers.

**Applications:**

- Naval Bases
- Shipyards
- High-value Assets
- Security Exclusion Zones
- High-profile Government Facilities
- Special Events and Entertainment 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**