

AQUA[®]GUARD[™]

™

PROTECTING THE WORLD'S MOST PRECIOUS RESOURCE SINCE 1968



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OIL SKIMMING SYSTEMS FOR OFFSHORE VESSELS

AQUA[®]GUARD[™]





GLOBAL REACH. LOCAL SOLUTIONS.

104 Countries | 1,000+ Customers

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Aqua-Guard has been providing state-of-the-art oil spill response technology to industry since 1968. Over the past ten years, Aqua-Guard has specialized in the design, manufacture, supply and support of their large RBS TRITON™ Offshore URO oil skimming systems.

These systems have been specifically designed to deploy from offshore vessels.

A close working relationship with Petróleo Brasileiro S.A. (Petrobras) of Brasil, has enabled Aqua-Guard to supply many of these large offshore systems to customers around the world.

This brochure contains information on Aqua-Guard's patented RBS TRITON™ Offshore URO 300 and 600 oil skimming systems.

ACCREDITATIONS



MAJOR CLIENTS



URO 600 – Port of Vancouver



Petroleum Association of Japan (PAJ)

OFFSHORE VESSELS

WITH AQUA-GUARD OIL SKIMMING SYSTEMS



URO

300 & 600 OFFSHORE OIL SKIMMING SYSTEMS

URO offshore oil skimming systems utilize a single oil skimmer head to recover high volumes of virtually any oil viscosity.

FEATURES/BENEFITS:

- **Complete** self contained, turn-key offshore oil recovery system stored on a 20' ISO system base.
- **Only one skimmer head** is required to recover virtually any viscosity oil.
- **Patented technology** (RBSTRITON™ U.S. 7,303,688).
- **Witnessed oil recovery rates and efficiencies** tested by **DNV** and **ABS** to ASTM standards.
- **Up to 98% oil to water recovery efficiency** reducing storage requirements.
- **Skimmer head deployed/recovered via floating hose and integrated crane**, eliminating the requirement for an external workboat and deck crane.
- **Safe** to operate in rough, open water environments as only a single operator is required.
- **Minimal setup required**, drastically reducing response time.



	URO 300	URO 600
Recovery Capacity	302 m ³ /h (1,887 US bbl/h)	604 m ³ /h (3,774 US bbl/h)
Patents	U.S. 7,303,688 patented RBSTRITON™ technology (oleophilic)	
Testing Certifications	DNV (Det Norske Veritas) & ABS (American Bureau Services) - witnessed testing to ASTM F631-99 standards - oil recovery (volume/efficiency) - heavy oil recovery - DNV Zone 1 Classification	
Recovery Modules	2 x brushes with integrated static weir	4 x brushes with integrated static weir
Applications		
Oil Skimming	✓	✓
Floating Oil Transfer Pumping System	✓	✓
Environment		
Industrial	—	—
Calm Water	✓	✓
Protected Water	✓	✓
Open Water	✓	✓
Power Options	Diesel/hydraulic Electric/hydraulic Ship's hydraulic Hazardous zones	
Integral Components	Floating hose storage reel with integrated crane Remote control Thrusters 10' or 20' ISO platform	
Optional Accessories	Water injection Container/soft cover Brush extension	
Deployment/Recovery	Skimmer head is deployed/recovered via the floating hose and integrated crane	
Oil Transfer Pump	Single onboard positive displacement lobe pump	Dual onboard positive displacement lobe pumps
Construction	Marine grade aluminum & stainless steel	
Skimmer Head Dimensions (LxWxH)	2.03 x 2.03 x 1.83 m (80 x 80 x 72 in)	2.28 x 2.28 x 1.83 m (90 x 90 x 72 in)
Skimmer Head Weight	1,650 kg (3,630 lbs)	2,275 kg (5,015 lbs)

Note: Specifications subject to change