



The MEC Oil Collector was designed as a contingency tool to capture up to 150 gallons of discharge oil leaking from a Male End Connector (MEC) on a subsea Pipeline End Termination (PLET). The tool consists of a main oil containment reservoir and two guidepost alignment tubes. An ROV assists the tool onto PLET guide rails over the MEC for end cap removal and discharge capture operations.



Once the discharge oil is released, it collects in the top of the reservoir for pumping into an auxiliary bladder for recovery and disposal. The ROV interface is through an API-17D hotstab receptacle and isolation valve. A visual indicator lets the operator know when the oil has been completely removed.

All certifications and SIT testing are available if required. Canyon Offshore can design an emergency collection reservoir and the associated pumping hardware for any application subsea. Contact the Technical Group with any questions (713) 856-6010.

### Collector Specifications

Height	52 in (130 cm)
Width	70 in (178 cm)
Reservoir Volume	36 in dia x 48 in long (150 gal)
Material	Coated ASTM A36 Steel
Weight in Air	1,500 lbs (682 kg)
Weight in Water	1,340 lbs (610 kg)

### Bladder Specifications

Dimensions (full)	6.6 x 4.2 x 1.25 feet
Material	Coated fabric (MIL-T-52983)
Weight in Air	40 lbs (18 kg)
Weight in Water	75 lbs buoyancy (full)