

DEEP SCOUT

REMOTELY OPERATED VEHICLE



ASSET CATEGORY

ROV OPERATIONS

AREA OF OPERATIONS

WEST COAST

ASSET OVERVIEW



The Deep Scout can perform inspections and surveys of external/internal pipelines, offshore platforms, cathodic potential, power and communications cables, dams, insurance surveys, biological/geological surveys, acoustic tracking and positioning, and search and recovery operations.

FEATURES

2,000' Operating Depth

30 HP Hydraulic Power

Hydraulic Thrusters

2ea Hydraulic Manipulators
(Five function and Four function)

High Resolution Color Video Camera (CCD)

Low Light Wide Angle B&W CCD

High Resolution Color Imaging Sonar

Camera Pan and Tilt

LED and Halogen Lighting

Windows Based Computer Controlled

Auto Altitude, Depth and Heading

Integrated CP Data Collection System

Climate Controlled Operations Van

Rapid System Deployment

Complete Spares

DOCUMENTATION

Hard Drive Recording
(Video and Sonar)

Cathodic Potential Measurements
(Data Recorded on Video and Hard Drive)

CAPABILITIES

Pipelines-External/Internal

Offshore Platforms

Cathodic Potential

Power & Communications Cables

Dams

Insurance Surveys

Biological-Geological Surveys

Acoustic Tracking & Positioning

Search and Recovery Operations



OPTIONAL EQUIPMENT

Broadcast Quality Video

Laser Scaling and Precision Measurements

Hydraulic tooling

High Resolution Digital Imaging

CTD Conductivity, Depth and Temperature Unit

SYSTEM SPECIFICATIONS

VEHICLE

Length: 7'

Width: 3.5'

Height: 4.5'

Weight in Air: 2,300 lbs.

Frame: 6061 T6 Aluminum

Fittings: 316 Stainless Steel

Depth Rating: 2000'

Payload: 100 lbs. *(additional flotation can be added for larger payloads)*

Horsepower: 30 hp

Lighting: 2 each 10,000 Luman LED Floods
2 each 7500 Luman LED Floods
2 each 500 watt Halogen Spot Lights

Cameras: 1 each Color Zoom CCD
1 each Low Light Wide Angle B&W CCD
1 each Low Light B&W CCD
(Vehicle can be fitted with up to 5 cameras as required for operations)

Navigation: Mesotech MS1000 Color Imaging Sonar
Teledyne-CDL TOGS Fiber Optic Gyro (FOG)
True North Revolution 2X Compass
Paroscientific Digiquartz Depth Sensor
Mesotech 200 Khz Altimeter

Telemetry: Asynchronous serial data transmission for control of auto heading, depth, altitude and data displays

Power Requirements: 480 VAC, 3 Phase, 60 Hz, 100 KVA

DEPLOYMENT SYSTEM

Length: 15.5'

Width: 8'

Weight: 17,000 lbs.

DEPLOYMENT SYSTEM

Lengths: 20' and 8';

Width: 8'

Heights: 9' and 8'

Weights: 15,000 lbs. and 10,000 lbs

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