



CATALOG
22

NEW!

POWER POD

RNAV2 SIMULATOR

Manned & Autonomous Vehicles
with Navigation, Control &
Communications for EOD and Maritime SOF

stiddmil.com



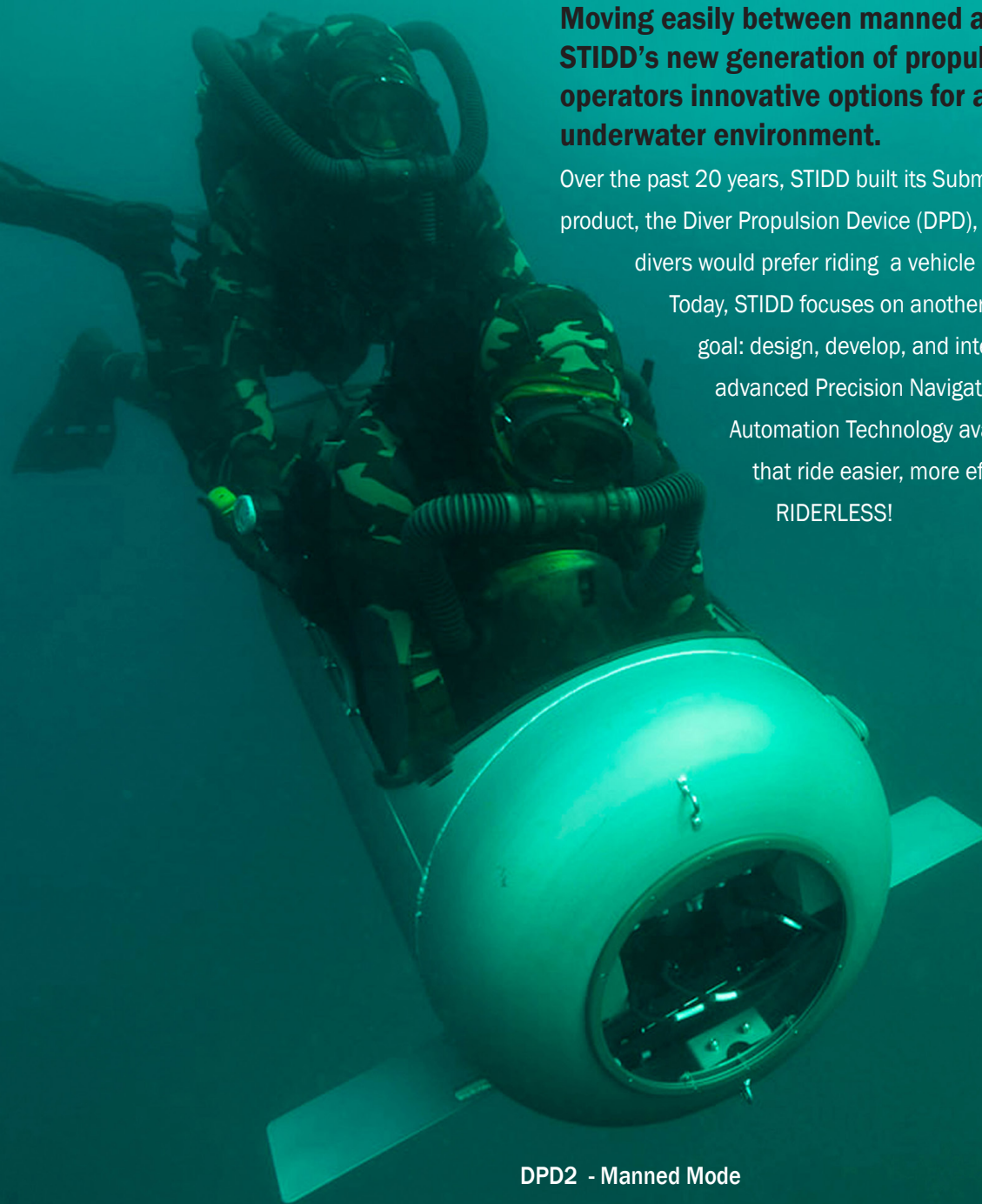
Manned or Autonomous...

The “All-In-One” Vehicle

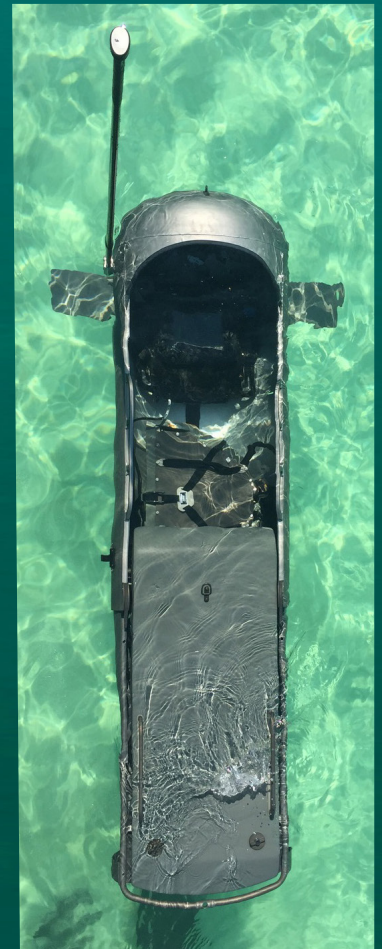
Moving easily between manned and autonomous roles, STIDD’s new generation of propulsion vehicles provide operators innovative options for an increasingly complex underwater environment.

Over the past 20 years, STIDD built its Submersible line and flagship product, the Diver Propulsion Device (DPD), around the basic idea that divers would prefer riding a vehicle instead of swimming.

Today, STIDD focuses on another simple, but transformative goal: design, develop, and integrate the most advanced Precision Navigation, Control, Communications, and Automation Technology available into the DPD to make that ride easier, more effective, and when desired . . .
RIDERLESS!



DPD2 - Manned Mode



DPD2 - OM2 Mode

Precision Navigation, Control, Communications & Automation System for the DPD

RNAV2 POWERED BY GREENSEA

Building on the legacy of its Diver Propulsion Device (DPD), the most widely used combat vehicle of its kind, STIDD designed and developed a system of DPD Navigation, Control, Communications, and Automation features which enable a seamless transition between Manned and fully Autonomous modes.

RNAV2 was developed by STIDD partnering with Greensea as the backbone of this capability. RNAV2 is powered by Greensea's patent-pending OPENSEA™ operating platform, which not only enables RNAV2's open architecture, but also seamlessly integrates STIDD's OM2/AP2 Diver Assist /S2 Sonar/ AC2 Communications products into an intuitive, easy to use, autonomous system. When fully configured with the Precision Navigation, Control & Automation System including RNAV2/ OM2/AP2/S2/AC2, any DPD easily transitions between Manned, Semi-Autonomous, and Full-Autonomous modes.



DPD with RNAV2 Installed

PRECISION NAVIGATION, CONTROL & AUTOMATION SYSTEM

RNAV2

 POWERED BY GREENSEA



PRECISION NAVIGATION & CONTROL

- Ensures Precise Clandestine Navigation
- Intuitive, User-Friendly Interface
- Open Architecture System
- Diver-Portable and DPD-Mounted in single form factor



OPTIONALLY-MANNED

- Automates key DPD Functions
- Seamless transition from Manned to Autonomous Modes



DIVER ASSIST

- Provides accurate 2 Axis Heading Control of the DPD and 4th Axis Depth Control



SONAR

- Enhances Precision Navigation
- Allows Obstacle Avoidance and Target Identification

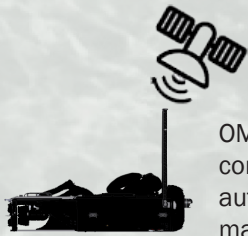


ACOUSTIC COMMUNICATIONS

- Provides long range communications between DPDs
- Enables texting, data sharing and tracking



DPD in OM2 Mode

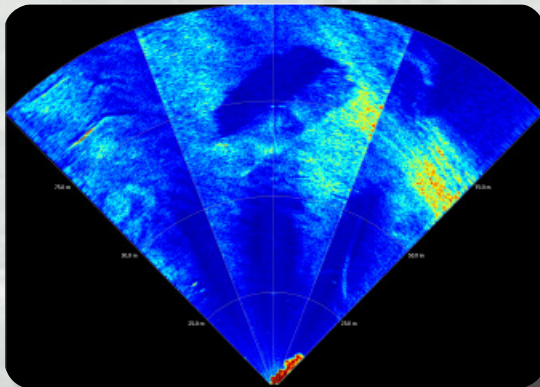


OM2

OM2 is a transformative system of vehicle control features that enable full remote autonomous control of the DPD while maintaining manned capability.

OM2 features include:

- Automated Antenna Mast
- Automated Throttle Control
- Communications Receiver
- Network Sensor Integration Hub



S2 Sonar 100m range 900kHz

S2 SONAR

The 2S Sonar Option for RNAV2 enhances the precision navigation capabilities of the innovative RNAV2, adding high quality forward-looking sonar images to the operator in low- and zero-visibility environments for precise long, or short range obstacle avoidance and/or target interrogation.

S2 Sonar Applications include:

- Detection / Obstacle Avoidance
- Situational Awareness
- Operations Monitoring
- Area Survey/Search & Recovery
- Hydrographic Survey

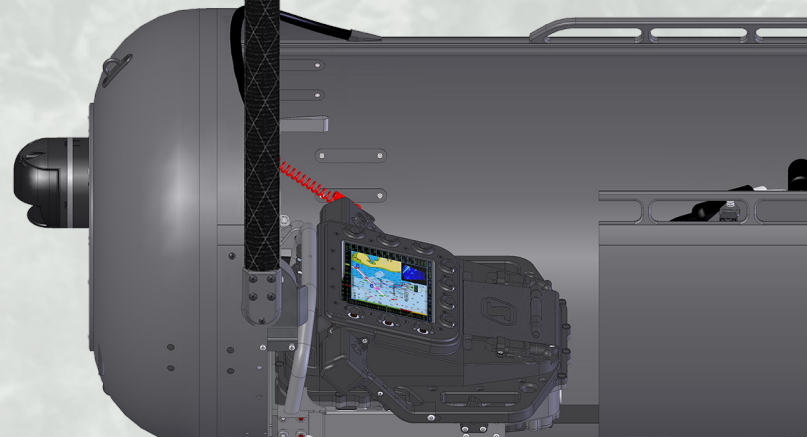
DPD2 DIVER PROPULSION

The DPD, designed for and certified by the world's leading underwater mobility vehicle in the world.

DPD Certifications:

- DPD is the only export controlled "A" certified diver propulsion device in the world
- NATO NSN NATO (National) Stock Number

*PATENTED: U.S. Patent No. 6,615,761 * International Patent No. 2004/020000



DPD with fore/aft cutaways

RNAV2-P NAVIGATION

RNAV2 is an innovative electronic navigation system that provides precision navigation by divers, or without divers, in low- and zero-visibility environments. The RNAV2's color LCD screen constantly displays the operator's instantaneous situational awareness. Supported by a suite of high-accuracy on-board sensors and a powerful internal processor, the RNAV2 is powered by an internal BB-2 battery that provides up to 24 hours. The simple to operate ergonomic interface allows all levels of users to create waypoints and

RNAV2 includes the following cutting edge features:

- 600kHz Doppler Velocity Log (DVL) ● 3-axis
- 40 channel GPS with <2.4m position accuracy

SYSTEM 2 LAYOUT

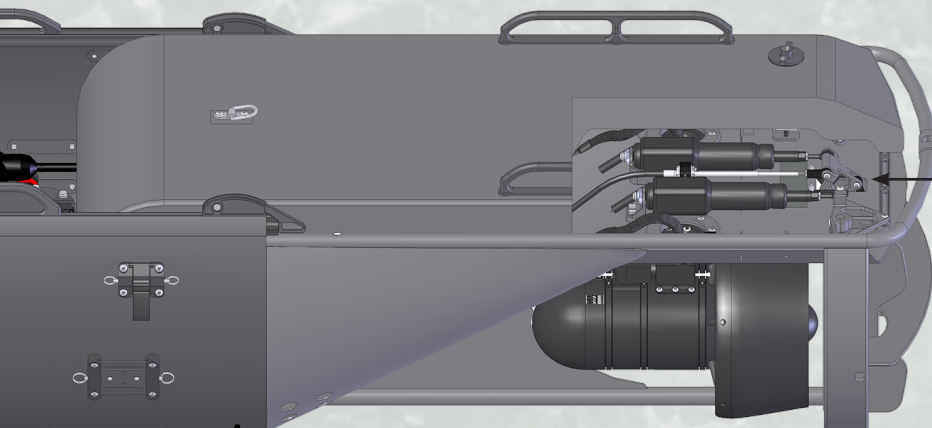
SION DEVICE

U.S. Navy, is the most widely used military-grade

Approved for Navy Use" (ANU)
the world.

Number • UN Transport Certified

ational Patents Pending



s exposing installed RNAV2 and AP2 actuators

PRECISION ION & CONTROL

ion system that can be either mounted in the DPD to enable
divers for AUV missions. The RNAV2 adjustable back lit 8.4"
operator's position on a high resolution moving map display for
superior accuracy over distance traveled is achieved through a
and an optimized Kalman filter.

2590/U Li-Ion battery which provides system power for 7+
input devices and user-friendly mission planning software allow
r routes and easily upload them into the RNAV2.

edge precision accuracy sensors:

axis compass module with sub .5° heading accuracy

accuracy • Multi-state Kalman filter



AC2 Communications Screen



AC2 COMMUNICATIONS

The AC2 acoustic communications system is designed to work with the STIDD DPD and RNAV2 system to provide subsea communications and situational awareness between divers. Dive team members can easily text message each other to reduce risk and improve operational efficiency.

AC2 features include:

- Track team mates
- Support for homing and docking
- Exchange mission data
- Broadcast GOTO waypoints
- Configurable commands
- Macro commands



AP2 DIVER ASSIST



The AP2 Diver Assist Option provides exceptional RNAV2 control of the DPD by dynamically adjusting vehicle pitch and heading, automatically keeping the DPD on its programmed or manually-selected course and depth, while accurately compensating for the effects of currents, diver motions, and changes in diver buoyancy.

AP2 Diver Assist features include:

- AP2 Diver Assist 2-axis heading control and 4th axis depth control of the DPD via integrated electro-mechanical actuators fitted to the pitch and rudder linkages of the DPD
- The AP2 Diver Assist eliminates manual heading errors, deviations, depth excursions, and delayed diver response to changing environmental conditions.
- AP2 Diver Assist software control algorithms provide a smooth and safe descent/ascent rate, protecting the divers from undesired excursions.

NEW! RNAV2 **Training Simulator System**



"Operator using RNAV2 Training Simulator System to mimic training dive profile"

Simulator for RNAV2 Prepares Operators in a Virtual Underwater Environment

PRACTICE ON LAND - EXECUTE IN WATER

The RNAV2 Simulator provides a powerful training tool to develop and maintain proficiency with RNAV2 without utilizing actual RNAV2 hardware or requiring in-water activities. With controls that closely mimic RNAV2 and the same software as RNAV2 running on a laptop, users experience realistic navigation, sonar, mission planning, and DPD simulation.

Practicing and training on missions within the simulator replicates actual CONOPS with the mission planning software. Trainers can specify starting coordinates, environmental conditions such as time of day, surface conditions, current, and turbidity. Each scene is typically 2km x 2km and includes seeded mine targets to facilitate operators developing sonar proficiency and object detection.

REAL WORLD BECOMES VIRTUAL REALITY

Based on a high-fidelity physics engine with an accurate hydrodynamic model of the DPD and using real world bathymetry and satellite data, simulated raw sensor data is provided to RNAV2 as operators maneuver in the virtual world. Simulation happens at the raw sensor level to fully utilize the software platform of RNAV2. Operators can accurately exercise all functions of RNAV2 including pre-dive checks, mission planning, initialization, alignment, sonar, and autopilots.

The RNAV2 Simulator provides a powerful and comprehensive means for operators to maintain proficiency, train, and evaluate operational scenarios without going into the water. The simulator uses the exact software as RNAV2 and the identical embedded processor creating a convenient means to evaluate new software releases, demonstrate the functions of RNAV2, and even practice failure scenarios. RNAV2 provides navigation, control, communications, and autonomy for the Diver Propulsion Device (DPD) sold and manufactured by STIDD and is in use by SOF programs around the world. RNAV2 runs Greensea's SOF Workspace and open architecture navigation, mission planning, and vehicle control software platform developed for SOF combat swimmers based on OPENSEA®.

The RNAV2 Training Simulator System (R-TSS) consists of:

- Production RNAV2 Casing with all external ports mounted on a custom desktop interface base
- OPENSEA Simulator Hub with Software
- Hand Controller to simulate DPD inputs, and all required cables

* TV Monitor not included



RNAV2 Casing mounted on custom desktop interface with all external ports required to support dive simulation

MINIMUM OPERATOR PROVIDED COMPUTER SYSTEM PERFORMANCE SPECIFICATIONS:

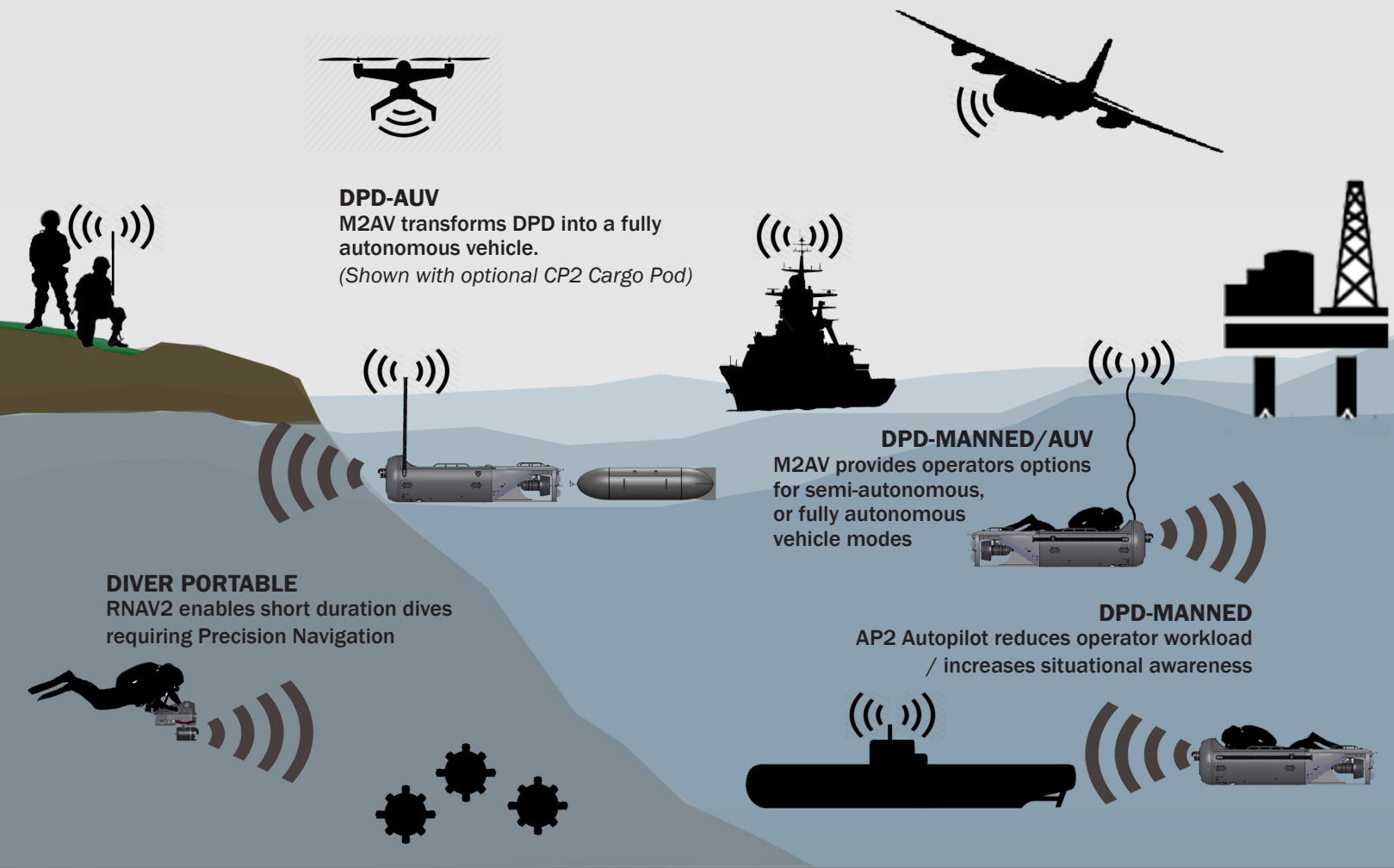
Computer type:	Desktop or Laptop
Video Card:	Nvidia GeForce GTX770 (or better)
Operating System:	Windows 10 Professional
Processor Core:	i7 Haswell (or better)
Min. RAM:	8 GB
Screen Resolution:	1280 X 720 pixels (1920 X 1080 preferred)



Greensea provides navigation, control, and autonomy products for marine vehicles based on their patent-pending OPENSEA™ operating platform. Over 700 systems have been installed on manned, unmanned, surface, and subsea vehicles. www.greenseasystems.com

DPD System 2 Mission Scenarios

Switching easily between Manned, Semi-Autonomous, and Full Autonomous modes, the DPD configured with the complete Navigation, Control and Automation System can perform an unprecedented number of missions.



MISSIONS:

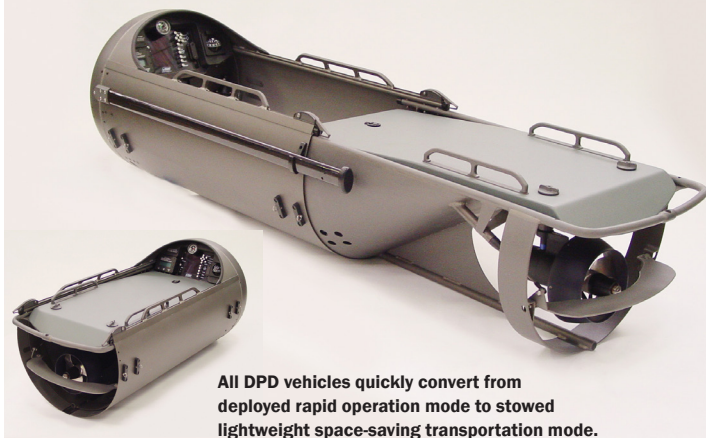
When equipped with the complete Navigation, Control and Automation System, the DPD's inherent speed, endurance, and payload capacity enable operators to conduct an unprecedented range of missions in Manned, Semi-Autonomous, Full Autonomous Mode . . . all with the same DPD!

- ISR
- Infil/Exfil
- Payload Delivery
- MCM
- CT - Piracy / Narcotics
- Over-Watch of CACHE site
- Near Land / Harbor Monitoring
- Deploy - Leave Behind Sensors Arrays
- Hydrographic Survey
- Search & Recovery Operations
- Rapid Environmental Assessment
- Beach Survey

STIDD now offers an expanded lineup of three different DPD2 Vehicles optimized to execute any mission profile with different combinations of **SPEED, RANGE, and PAYLOAD CAPACITY.**

DPD2

Vehicles for All Missions .



All DPD vehicles quickly convert from deployed rapid operation mode to stowed lightweight space-saving transportation mode.

SINGLE THRUSTER (TEC2)

p/n 4500-100-TEC

The STIDD Diver Propulsion Device (DPD) is the most widely used military-grade underwater mobility platform in the world. The DPD enables divers to travel farther and faster with more payload than previously possible with any other diver propulsion device.

- **Approved for US NAVY Use (ANU Listing)**
- **Under contract to USMC, US Army, USSOCOM and many International SOF Maritime Units**
- **NATO NSN (National Stock Number)**

SINGLE THRUSTER (TEC2) EXTENDED RANGE

p/n 4500-100-TEC-ER

With the addition of a second High Capacity "MUSCLES" Lithium-Ion Battery System, the Single Thruster DPD with Extended Range Option effectively doubles the Range.

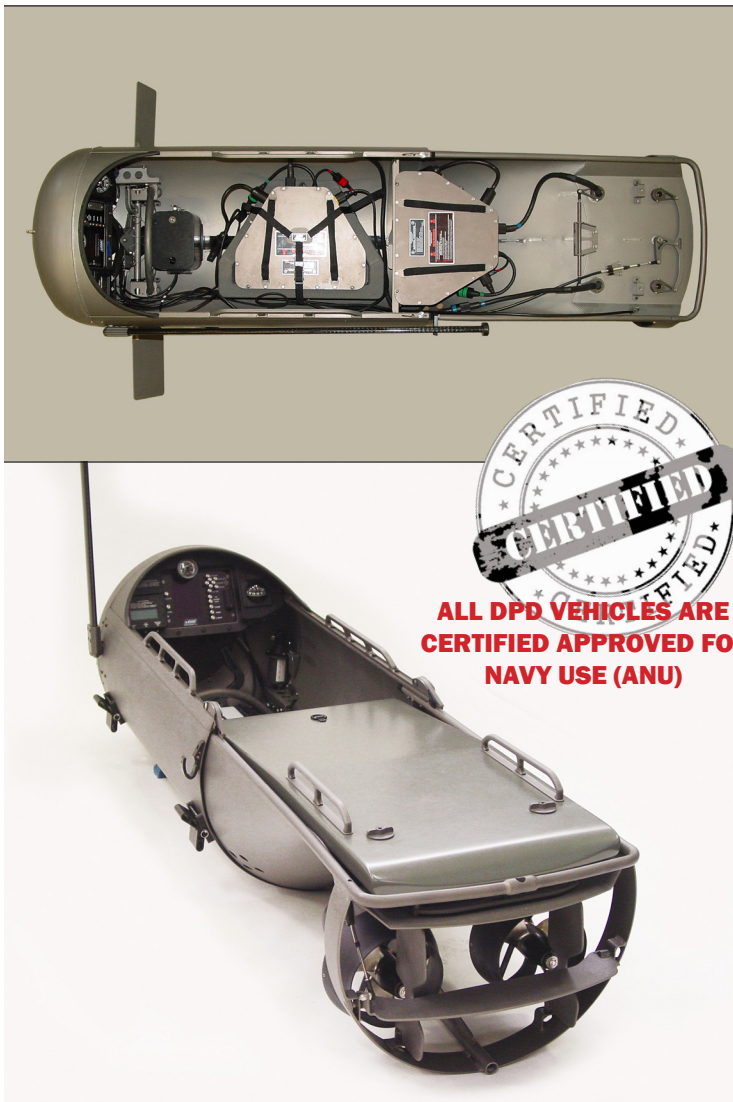
- **200% the Range of a Single Thruster DPD**
- **Two Batteries Required**
- **Same Dimensions & Certifications as Standard DPD**

DUAL THRUSTER (XT)

p/n 4500-100-XT-TEC

The DPD with Dual Thruster (DPD-XT) provides operators not only additional speed and range, but also two independently redundant propulsion systems. The DPD-XT maintains all DPD exterior dimensions and certifications. The DPD-XT utilizes two (2) standard DPD batteries which power two (2) TEC2 thrusters. For missions that require extended speed and range, the Dual Thruster DPD is an ideal platform.

- **33% Faster than Standard DPD**
- **Redundant propulsion improves mission safety**
- **Twin high efficiency, low noise direct drive DC thruster motors**
- **Two Batteries**
- **Additional towing capacity:
Easily tows 3-4 divers with full load**



**ALL DPD VEHICLES ARE
CERTIFIED APPROVED FOR
NAVY USE (ANU)**

**... with all the
Power Required.**

All DPD Vehicles are now available
with STIDD's High-Performance
TEC2 Thruster providing Brute Power
for Maritime SOF

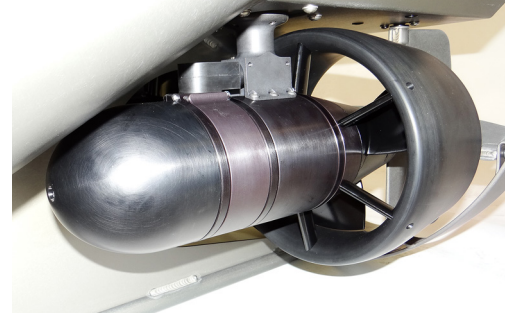
High Performance TEC2 THRUSTER

TEC2 High Performance Thruster (p/n 4600-1-200)

Brute Power for Maritime SOF

All DPD vehicles are available with STIDD's NEW high-efficiency TEC2 Thruster, which provides a 25% increase in speed over our standard MIK Thruster.

- Proprietary Magnetically Coupled Drive
- No dynamic seals to maintain
- Innovative Nozzle and Ducted Propeller
- Increased Diver Safety
- Significantly Improved Efficiency
- Self-Regulating Motor Load Electronics for improved reliability



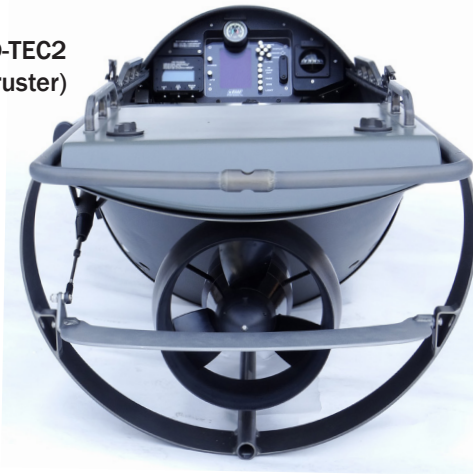
MAXIMUM DPD SPEEDS*

DPD-TEC2 (Single TEC2 Thruster) 2.7kt

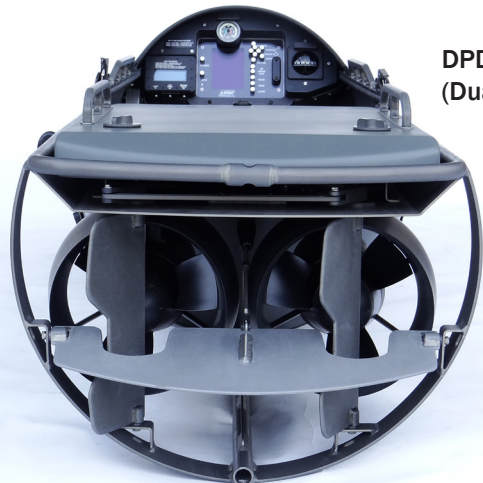
DPD-XT-TEC2 (Dual TEC2 Thruster) 3.2kt

*All DPD speed & range values are based upon (1) diver. Actual performance may vary with diver, training, environmental conditions and equipment.

DPD-TEC2
(Single TEC2 Thruster)



DPD-XT
(Dual TEC2 Thruster)



"MUSCLES" LITHIUM-ION POWER SYSTEM

Massive Unit Small Cell Lithium Energy System

Developed to give the DPD a better performing, more reliable, higher value, virtually maintenance-free power source, the DPD Lithium-ION Battery System utilizes rigid cylinder lithium-cobalt cells - the most advanced, most mature cell technology available. Each "MUSCLES" battery consists of cells arranged in series and parallel arrays, monitored by proprietary control, balancing and safety circuits



The DPD Lithium-Ion Advantage

- Maximum Performance with Minimal Maintenance
- May be shipped via commercial cargo aircraft
- Partial cycles are cumulative. No "memory" effect
- Best overall performance and economy of any electric propulsion system

p/n 4510-120

U.S. and International Patents Issued and Pending

NEW! PowerPOD

DPD TOWABLE - NAVSEA/ANU CERTIFIED - SUBMERGED AUXILIARY POWER

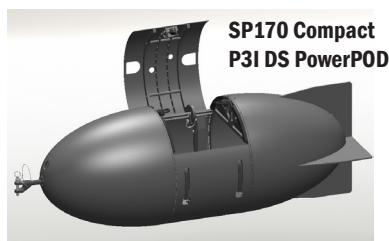
Building on the success of its exclusive towable Cargo POD, and in response to worldwide User demand, STIDD proudly introduces the all new PowerPOD family of submersible auxiliary power units.

PowerPOD is an innovative, one-of-a-kind maritime portable power capability, giving DPD operators a neutrally buoyant, low drag, high capacity, long duration power source for maritime surface and submerged missions.



With PowerPOD, Operators have full and easy access to 28VDC electrical power from two choices of proven NAVSEA/ANU Certified Lithium-ion batteries.

Two PowerPOD versions are available NOW in 190 and 380Ahr Long shallow water version, and COMING SOON in 170Ahr Compact Deep Submergence (DS) version, for a wide range of applications.



**Compact Deep Submergence (DS)
P3I PowerPOD Coming Soon!**



- **THREE CONFIGURATIONS**
- **TWO BATTERY OPTIONS:
SHALLOW OR DEEP
SUBMERGENCE**
- **TWO LENGTHS**
- **AVAILABLE
2021**

190 Ahr
(BT Battery)



170 Ahr
(P3I Battery)



Features & Benefits

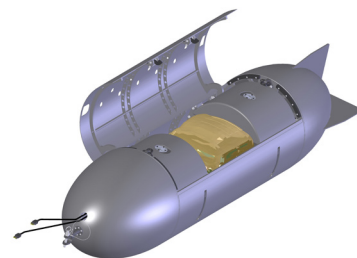
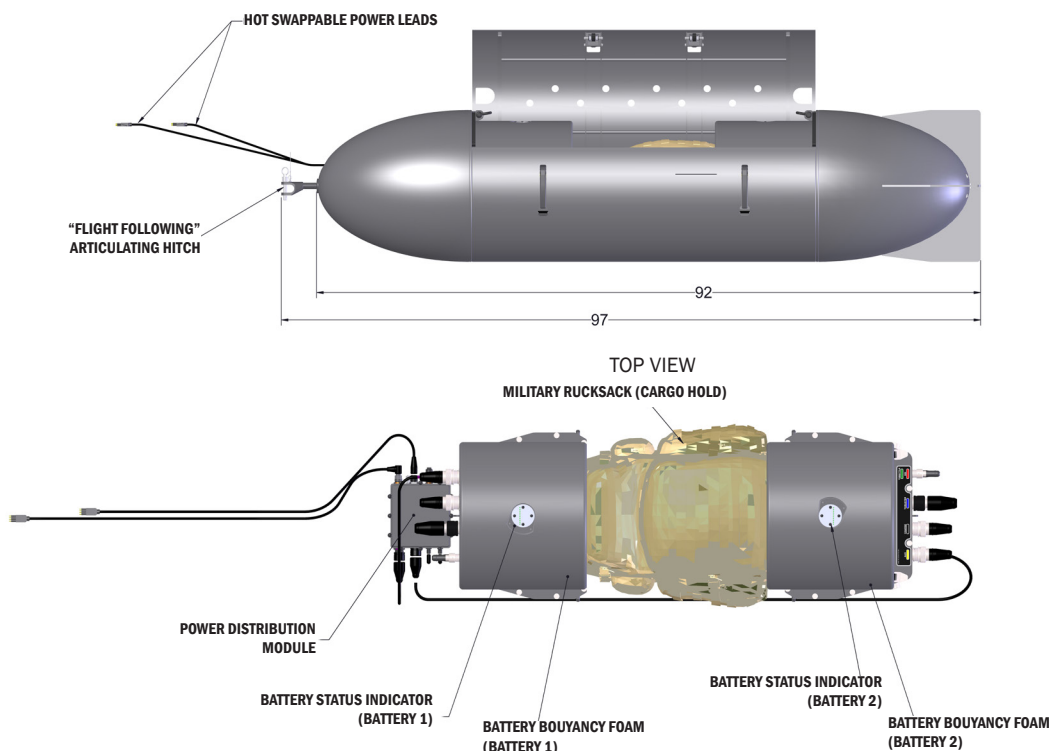
- Meets the unique needs of unattended **Sensor** operations requiring a safe and reliable long-duration DC power source
- Provides hot-swappable full-mission duration **Diver Heating** power for submerged operations
- Powers **ground support** activity
- Connects **Emergency** backup power to DPD Thrusters
- Tows with excellent stability and **low drag** behind any DPD equipped with STIDD's innovative "Flight Following" Articulating Hitch
- Easily **Cached** on the bottom
- Fits **on-board** any maritime platform
- Easily carried **ashore**
- Includes ample **cargo space** for diver gear, rucks or other payloads.



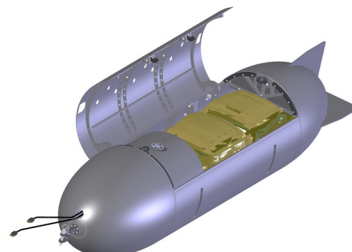
DPD towing PowerPOD in Autonomous (OM2) Mode

PowerPOD General Arrangements

SIDE VIEW



LB380 Long Dual
Battery Shallow Water PowerPOD



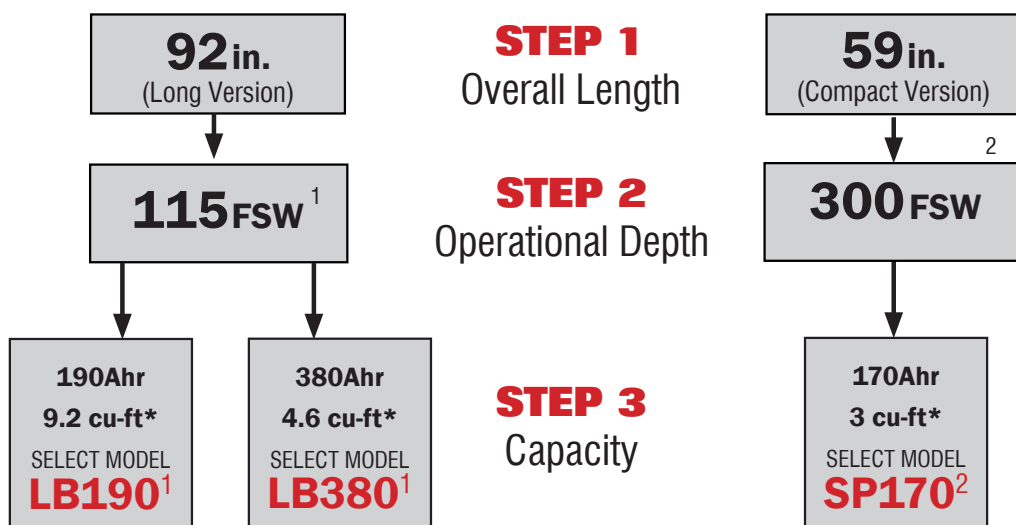
LB190 Long Single
Battery Shallow Water PowerPOD



"Flight Following"
Articulating Hitch



PowerPOD SELECTION GUIDE



1 - NAVSEA / ANU Certified - Now Available 2021

2 - NAVSEA / ANU Certification in-process - Coming Soon

*Neutrally Buoyant Cargo Capacity

PowerPOD WEIGHTS:

- LB190: 179 lbs in Air; 0 lbs in Water
- LB380: 270 lbs in Air; 0 lbs in Water
- SP170: 152 lbs in Air; 0 lbs in Water

Battery Specifications:

BT BATTERY

- Nominal Voltage: 28.8 VDC
- Nominal Capacity: 190 Ah
- Un/DOT 38.3 Rating: 5.4 Kwh
- Max Operating Depth: 115: fsw
- Weight: 88 lbs.
- Battery Status Indicator: 5 LED Gauge
- NAVSEA Certified
- Approved for Navy Use (ANU)

P3I BATTERY

- Nominal Voltage: 28.8 VDC
- Nominal Capacity: 170 Ah
- Un/DOT 38.3 Rating: 4.8 Kwh
- Max Operating Depth: 300: fsw
- Weight: 79 lbs.
- Battery Status Indicator: 10 LED Gauge
- NAVSEA/ANU Certifications in process

The DPD provides combat divers versatile options for carrying combat equipment including Internal, External, and Towable Cargo POD.

1. INTERNAL CARGO HOLD

Up to 3 ft³ (85L) of cargo can be stowed in the DPD's fore body section secured by a cargo net. Internal cargo can include diver personal gear or mission equipment. With optional Cargo Bag with Neutral Buoyancy Unit (NBU) Pouches and the optional (NBU) Packs, divers are able to make their internally carried cargo neutrally buoyant.



(Above) Cargo Bag contoured fits into the DPD cargo area. Once the bag is filled with equipment it can be made neutral with the addition of the NBU Packs.



(Left) Neutral Buoyancy Unit (NBU) Pack contains 64 NBU cells. Each cell provides 1lb (500g) of buoyancy. For use with the Contoured Cargo Bag, or other load out containers.

Haul all the Gear. . .

When all options are used together, operators expand available cargo capacity to over 15 cu-ft (425L) enabling the easy transport of all required gear.



External Tie Down Cleat

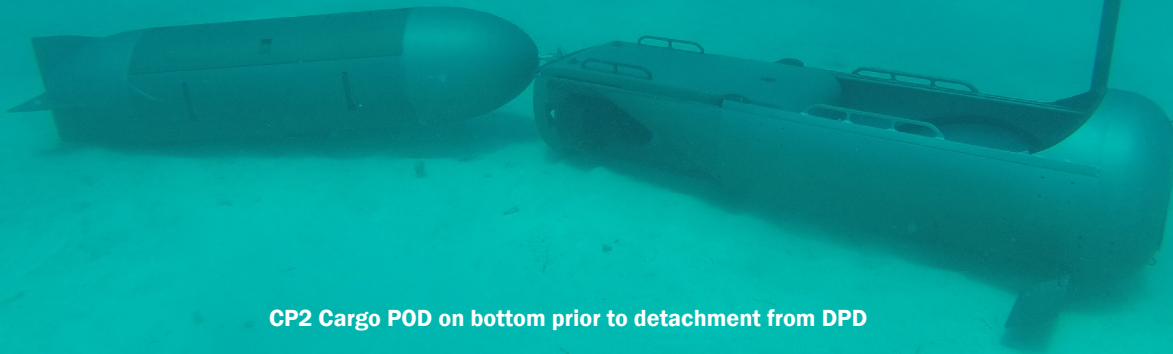
2. EXTERIOR CARGO TIE-DOWN POINTS

Versatile cargo points, positioned port and starboard on the DPD fore body, allow operators to attach weapons, hooks, and other cargo to the DPD while underway.



CP2 Cargo POD towed by DPD in OM2 mode

... with Maximum Cargo Capacity



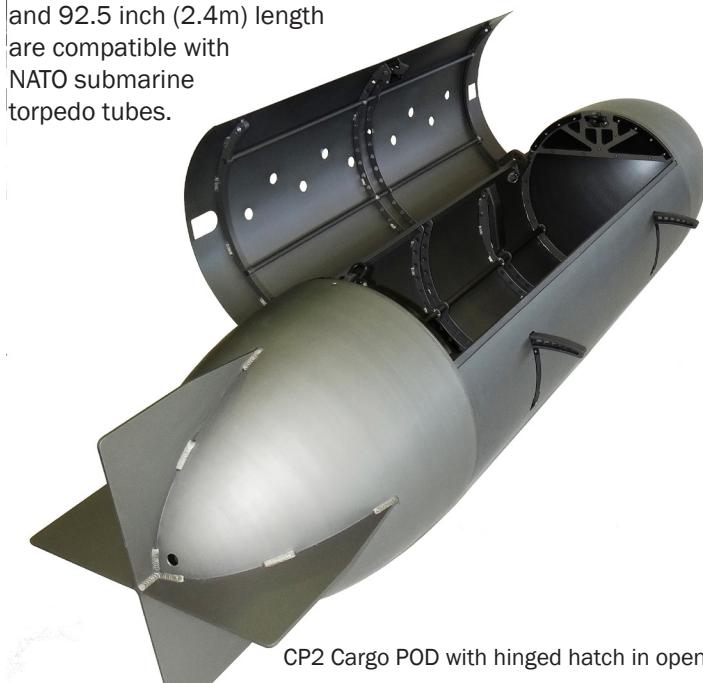
CP2 Cargo POD on bottom prior to detachment from DPD

• The Cargo POD weighs 80lbs (36kg) in air, and may be loaded with up to 700lbs (317kg) of neutrally buoyant cargo. • The Cargo POD is towed from the DPD aft tow point. • Horizontal and vertical Stern Planes keep the Cargo POD aligned within the shadow of the DPD, resulting in minimal additional drag. • An additional Cargo POD may be added to double DPD cargo capacity from 12 cu-ft (340L) to 24cu-ft (680L).

3. CP2 CARGO POD Low-Drag Towable Capsule

p/n 4580-100

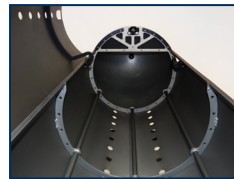
The new CP2 DPD Cargo POD (p/n 4510-400), provides an additional 12 cubic feet (340L) of cargo space with minimal additional drag, when towed behind the Diver Propulsion Device (DPD). Optimized for minimal drag using advanced CFD (Computational Fluid Dynamics), and extensively dive-tested under real world conditions, the Cargo POD is fabricated from marine alloy aluminum and hardcoat anodized for prolonged corrosion resistance and rugged durability. Neutral buoyancy is provided by hard-mounted rigid foam volumes in the nose and tail sections. The 21 inch (0.53m) diameter and 92.5 inch (2.4m) length are compatible with NATO submarine torpedo tubes.



CP2 Cargo POD with hinged hatch in open position

CP2 Cargo POD features include:

- Hinged Hatch, allowing full access to the interior
- Positive spring-loaded gloved-hand operable hatch lock
- Internal tie down rails to secure gear
- Bow tow-eye for quick link to DPD
- Forward and aft lifting eyes for fast launch and recovery
- Stabilizing stern planes for positive tracking without pitch or yaw
- Multiple vents for quick fill/drain
- Four (4) Hand Holds for easy manual lift/carry



Internal tie down rails to secure gear.



Bow tow-eye for quick link to DPD



Forward and aft Lifting Eyes for fast launch and recovery

CP2 Specifications:

Material:	Marine aluminum alloy
Finish:	Hardcoat anodized
Hardware & fittings:	316L Stainless steel
Cargo Volume:	12 cu-ft (340L)
Cargo Weight (air):	700 lbs (317kg) max
Cargo Access:	Hinged hatch
Cargo Hatch:	18 in x 48 in (0.5m x 1.2m)
Cargo length, max :	66 in (1.7m)
Cargo hatch lock:	Spring-loaded latch
Cargo Tie Downs:	Three (3) 48 in (1.2m) rails
Drag Load:	Minimal
Diameter:	21 in (0.53m)
Length:	93.5 in (2.4m)
Weight, empty (air):	80lbs (36.3kg)
Weight (salt water):	0lbs (0kg)
Lifting Handles:	Four (4)
Lifting Points:	Forward and aft

DPD2 and OPTIONS & ACCESSORIES

4500-100-TEC2

DPD2 Vehicle, RNAV2 Ready

Includes:

- 1 ea. DPD2 Li-Ion Battery
- 1 ea. TEC2 Thruster with T-Prop and T-Struts

4500-100-XT-TEC2

DPD2 Dual Thruster Vehicle, RNAV2 Ready

Includes:

- 2 ea. DPD2 Li-Ion Battery
- 2 ea. TEC2 Thruster with T-Prop and T-Struts

4600-101

RNAV2 Precision Underwater Navigation & Control System

An innovative electronic navigation system for use by combat divers, mounted in the DPD2, or dismounted in seconds for swimming in hand-held mode. Includes, internal Li-Ion battery and external charger.

4600-104

S2 Sonar (Single Frequency 900 MHz)

Enhances the precision navigation capabilities of the innovative RNAV2, adding high quality forward looking sonar images to the operator in low and zero visibility environments for precise long or short range obstacle avoidance and/or target interrogation.

4600-120

AP2 Diver Assist

Provides exceptional RNAV2 control of the DPD2 by dynamically adjusting vehicle pitch and heading, automatically keeping the DPD2 on its programmed or manually selected course and depth, while accurately compensating for the effects of current, diver motion, and changes in diver buoyancy.

4600-200

OM2 Autonomy

OM2 is a transformative system of vehicle control features that enable full remote autonomous control of the DPD2 while maintaining manned capability.

4600-301

AC2 Acoustic Communications

The AC2 acoustic communications system is designed to work with the STIDD DPD and RNAV2 system to provide subsea communications and situational awareness between divers. Dive team members can easily text message each other to reduce risk and improve operational efficiency.

4600-111

RNAV2 Tactical Mission Planning/Debrief Terminal

The mission planning terminal allows for a computerized method of planning and optimizing mission parameters for use with the RNAV2 navigation system. Post mission debriefing capabilities allows the users to review actual tracks and transit depths, recorded sonar images, marked target positions, etc.

4600-113

RNAV2 Training Simulator System

Provides a tool for operators to maintain proficiency, train, and evaluate operational scenarios in a classroom setup without having to get in the water.



4510-112

DPD2 "MUSCLES" Li-Ion Battery Charger

Charges one (1) DPD2 Li-Ion Battery from full discharge to full charge. (NSN 6130-01-536-0585)

4510-120

Spare DPD2 Li-Ion Battery

Contained in sealed Pressure-Proof Battery Container. (NSN 6140-01-536-0008)

4580-100 Cargo POD

The CP2 cargo POD provides an additional 12 cubic feet (340L) of cargo space with minimal additional drag when towed behind the DPD. Hardcoat anodized and neutrally buoyant, the 21 inch (0.53m) diameter and 92.5 inch (2.4m) length are compatible with NATO submarine torpedo tubes.

4580-102 Power POD

Towable POD with on-board power. Available in three different configurations, consult factory for details.

4510-130

DPD2 Contoured Cargo Bag with NBU Pouches

Cargo bag contoured to fit into the DPD2 cargo area and be made neutral with NBUs (p/n 4510-944)

4510-944

Neutral Buoyancy Unit (NBU) Pack

Contains 64 NBU cells, each cell provides 1 lb (454g) of buoyancy. For use with Contoured Cargo Bag (p/n 4510-130) or other load out container. (NSN 4220-01-538-5980)

4510-210 TEC2

Deployment Load Out Kit

All parts and consumables required to support the DPD2 during both operational deployment and emergency field repairs for one (1) DPD for approximately four (4) years. (NSN 4220-01-538-5985)

DPD2 and OPTIONS & ACCESSORIES



A



B



C



D

4510-131-RNAV2

Heavy Duty Carry Bag (A)

Protective nylon zippered bag designed for hand-carrying the DPD2.

4510-137

Maintenance Cart (B)

Wheeled cart for servicing or storing the DPD2.

(NSN 4220-01-536-1013)

4510-155

Reusable Shipping Container (C)

Molded IATA-Approved HDPE Container with foam inserts. For one (1) DPD2. Stainless Hardware.

4510-138

DPD All Terrain Dolly (D)

Launches the DPD2 over rough terrain and over the beach to water.

4510-940 TEC2

Long Term Maintenance Spare Parts

Includes all spare parts required to perform DPD depot maintenance and non-warranty repair for one (1) DPD for approximately four (4) years.

(NSN 2590-01-536-1576)

4510-200-TEC

Field Service Kit

Basic tool kit required to service and maintain the DPD2 while in operational deployment.

4510-210-TEC

Deployment Load Out Kit

All parts and consumables required to support the DPD2 during both operational deployment and emergency field repairs.

4510-943

Provisioning Parts List (PPL)

Listing of all recommended replaceable parts and LRUs for the DPD with current FY pricing.

DEEP SUBMERGENCE DPD OPTION

270 FSW (82m)

4500-100-DS

Deep Submergence DPD2 Vehicle

Includes: All required NAVSEA Approved components to extend transport/operating depth to 270 FSW (82m), including: Deep Submergence DPD "MUSCLES" Li-Ion Propulsion Battery in sealed Pressure-Proof Battery Container (p/n 4510-118-DS), Deep Submergence rated Thruster and Throttle pressure containers; and O&M Manual (p/n 4510-125). Charger (p/n 4510-112) not included.

4510-120

Deep Submergence DPD BATTERY

"MUSCLES" Li-Ion Propulsion Battery Same configuration as a standard DPD battery, but housed in a NAVSEA approved Machined Billet pressure container. When combined with Deep Submergence Upgrade Kit (p/n 4510-253), extends the transport/operating depth of a DPD (p/n 4510-100) to 270FSW (82m).

4510-253

Deep Submergence Upgrade Kit

Kit includes all required NAVSEA approved components to increase transport/operating depth of a standard DPD (p/n 4510-100) to 270 FSW (82m). Deep Submergence Upgrade kit does not include DPD Deep Submergence Li-Ion Propulsion Battery (p/n 4510-118-DS), which must be purchased separately.

4600-901

RNAV2 Software Support Package

Service and Support: Annual Subscription

1 year DPD/RNAV2 (additional years of support available upon request)

- email/phone/24hr urgent phone support
- RNAV2 Software Updates
- bug fixes • access to minor feature updates
- access to major feature updates
- Greensea Knowledge Base • Personal online training

*Customized programs are available as necessary, including extended on-site and/or offshore support.

4600-900

DPD System 2 Training Package

Includes: 5 days on-site DPD and RNAV2 training by STIDD certified technician

4510-932

Factory Technical Support

4510-933

ON-SITE Technical Support *

4510-934

ON-SITE Operational Training & Support *

* For services rendered in CONUS. Consult factory for details.

MILITARY EXHIBIT SCHEDULE & IN-WATER DEMOS

Our military exhibit booth is an ideal place to see STIDD Sub Boats and discuss your requirements with STIDD's team of expert acquisition specialists. Please check our website for exact show dates.

STIDD also invites approved users to visit our Sub Boat Test Facility in South Florida for in-water demonstrations.

On-site demonstrations at customer's facility are also possible.

Contact STIDD for more details

With over 450 units in operation by US and International Special Operations Forces (SOF), the STIDD DPD is the most widely used Combat Diver Propulsion Vehicle (DPV) in the world.

STIDD Systems, Inc. is proud to support these Military Units and International Organizations, including:

- U.S. Special Operations Command
- United States Marine Corps
- Navy Special Warfare Command
- Army Special Forces Command
- North Atlantic Treaty Organization (NATO) Members and Major Non-NATO Allies (MNNA)
- Association of South East Asian Nation Members (ASEAN)




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CAGE CODE OW5E3

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REV - 05/05/2021 CAT22 DPD System 2




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