

DPD System 2

Optionally-Manned Vehicles with Navigation & Control for EOD & Maritime SOF

catalog



MADE IN U.S.A.

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 and Automation Technology available into the DPD to make that ride easier, more effective, and when desired ... RIDERLESS!



DPD2 - OM2 Mode

DPD2 - Manned Mode

Precision Navigation, Control & Automation System for the DPD



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 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. RANV2 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 Autopilot/S2 Sonar products into an intuitive, easy to use, autonomous system. When fully configured with the Precision Navigation, Control & Automation System including RNAV2/OM2/AP2/S2, any DPD easily transitions between Manned, Semi-Autonomous, and Full-Autonomous modes.



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** OM2 AP2 SONAR MANNED TO AUV **AUTOPILOT Enhances Precision Navigation** Automates key DPD Functions Provides accurate 2 Axis Heading **Communicates between DPD Control of the DPD and 4th Axis Allows Obstacle Avoidance and** and other Vehicles **Target Identification Depth Control**



Introducing RNAV2 PRECISION NAVIGATION SYSTEM

for DPD-Mounted, Diver-Portable & DPD-OM2 Missions.

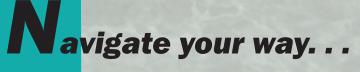
RNAV2 Precision Navigation System (p/n 4600-101) is an innovative electronic navigation system that can be either mounted in the DPD to enable precision navigation by combat divers, or without divers for Optionally-Manned Vehicle (OM2) missions. Additionally, the RNAV2 can be dismounted in seconds for swimming in hand-held mode. In any role, the RNAV2 offers SOF personnel the unprecedented capability of a navigation tool for precise clandestine subsea navigation, mine countermeasures, beach reconnaissance, ship-attack, missions, object identification, and AUV operations.

The RNAV2 adjustable back-lit 8.4" color LCD screen constantly displays the operator's position on a high resolution moving map display for instantaneous situational awareness. Position accuracy of 0.5% over distance traveled is achieved through a suite of high-accuracy on-board sensors and an optimized Kalman filter.

The RNAV2 is powered by an internal BB-2590/U Li-lon battery which provides system power for 7+ hours or 5+ hours when configured with the 2S Sonar Option forward imaging sonar.

The battery life enables 1500 full discharge cycles and is recharged though an external recharging port on the RNAV2.

Recharge time is <8 hours. The simple to operate ergonomic input devices and user-friendly mission planning software allow all levels of users to create waypoints and routes and easily upload them into the RNAV2.





RNAV2, AP2 Autopilot, and OM2 run on Greensea proprietary software

RNAV2, OM2 and AP2 Autopilot are powered by Greensea's proprietary Balefire software, which provides easy-to-use, highly accurate navigation and control system applications for military and commercial use. Surveillance, detection, identification, and prosecution of targets can be executed efficiently and repeatedly with the exclusive proprietary RNAV2/ Greensea package.

GREENSEA

The AP2 Autopilot provides instantaneous heading and depth control for a stable platform and pinpoint navigational accuracy. Stability and control translates to accurate, reliable mission performance, while divers in hostile environments are free to focus on the mission rather than vehicle control.

Greensea proprietary features:

- Station keeping
- Alarm management
- Target tracking
- Target-relative positioning
- Dynamic positioning
- Mission execution
- Single-screen, intuitive interface

Greensea's reliability, presentation, and performance make it the choice of leading military and scientific operators of manned, unmanned, subsea, and surface vessels worldwide.

Greensea partners with STIDD Systems, Inc. to provide advanced custom solutions for the DPD, RNAV2, AP2, OM2, and other diver products.

to Mission Success



Optionally-Manned Vehicle Package

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

M2AV features include:

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



S2 SONAR for RNAV2

The S2 Sonar Option for RNAV2 (p/n 4600-102) enhances the precision navigation capabilities of the innovative RNAV2, adding high quality forward-looking sonar images to the operator in lowand zero-visibility environments for precise long, or short range obstacle avoidance and/or target interrogation.

• Snap-in for DPD Navigation

• Snap-out for Swimming Navigation



S2 Single-Frequency Sonar mounted to RNAV2

Applications for the 2S Sonar Option for RNAV2 include:

- Zero visibility Navigation
- Object Detection
- Obstacle Avoidance
- Situational Awareness
- Operations Monitoring
- Area Survey/Search & Recovery
- Diver/Swimmer Detection & Tracking
- DPD-mountable and diver swimmable operation for maximum mission efficiency





The AP2 Autopilot 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 Autopilot features include:

- AP2 Autopilot 2-axis control the of the DPD via integrated electro-mechanical actuators fitted to the pitch and rudder linkages of the DPD reduces power consumption, diver workload, and enroute time to destination by eliminating the inherent control inaccuracies of the typical operator.
- The AP2 eliminates manual heading errors, deviations, depth excursions, and delayed diver response to changing environmental conditions, allowing the operator to focus on critical mission functions.
- AP2 Software control algorithms provide a smooth and safe descent/ascent rate, protecting the divers from undesired excursions.
- Manual override of RNAV2 commands via the control yoke, allows the operator to quickly change heading or depth when required.
- In NAV Mode, the AP2 follows preset routes and depths programmed into the RNAV2 during the mission planning process, transiting directly to a commanded waypoint at a commanded depth.
- In HDG Mode, the AP2 follows diver-selected heading commands while maintaining the present depth.

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DPD2 Precision Navigation, Cont



🖈 ((('l'))) 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:

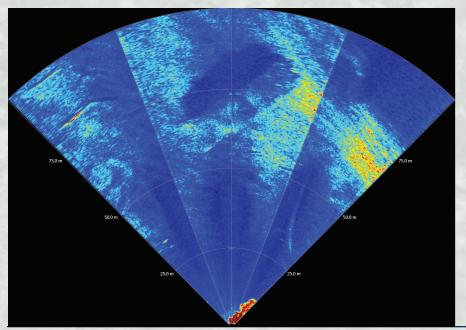
- Automated Antenna Mast
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- Communications Receiver
- Network Sensor Integration Hub

S2 SONAR · · ·))

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S2 Sonar Applications include:

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



DPD2-DIVER PR

The DPD designed for and certified by the U.S. Na mobility vehicle in the world.

DPD Certifications:

- AMU DPD is the only export controlled "Approcentified diver propulsion device in the world.
- NAVSEA 9310 DPD Li-ION Battery is 9310 Ce
- NAVSEA 9290 DPD is Deep Submergence
- NATO NSN NATO (National) Stock Number

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

DPD with fore/aft cutaways exposing ins

RNAV2-PRECISIO

RNAV2 is an innovative electronic navigation sys navigation by divers, or without divers for AUV mi constantly displays the operator's position on a h awareness. Position accuracy of 0.25% over dist sensors and an optimized Kalman filter.

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RNAV2 includes the following cutting ed

- 600kHz Doppler Velocity Log (DVL)
- 3-axis compass module with sub .5° I
- Fiber Optic Gyro (FOG) Internal Measure
- 40 channel GPS with <2.4m position
- Multi-state Kalman filter

S2 Sonar 100m range 900kHz

rol & Automation System Layout

OPULSION DEVICE

avy is the most widely used military-grade underwater

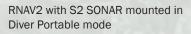
oved for Military Use" (AMU)

ertified

Certified (pending)

Patents Pending

stalled RNAV2 and AP2 actuators







Q AP2 AUTOPILOT

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

AP	NAV	HDG	DPT)	$\leftarrow \text{heading} \rightarrow$		↓ DEPTH 个	
		HDG		J	HDG	310°	DPT	10 ft

AP2 Autopilot features include:

- AP2 Autopilot 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 eliminates manual heading errors, deviations, depth excursions, and delayed diver response to changing environmental conditions.
- AP2 Software control algorithms provide a smooth and safe descent/ascent rate, protecting the divers from undesired excursions.

N NAVIGATION & CONTROL

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J Li-Ion battery which provides system power for 7+ hours. The iser-friendly mission planning software allow all levels of users to nem into the RNAV2.

ge precision accuracy sensors:

neading accuracy urement Unit (IMU) accuracy

One Vehicle... Many 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 and Full Autonomous Mode . . . all with the same DPD!

DPD MODE	EQUIPMENT	FEATURES	MISSIONS		
MANNED	RNAV2 AP2	 Precision Navigation Increased Operator Situational Awareness 	 ISR Infil/Exfil Beach Survey 		
	S2	Reduced Operator Workload	Payload DeliveryMCM		
MANNED & OM2	RNAV2	Low Operator Effort Transits	 CT - Piracy / Narcotics Over-Watch of CACHE site 		
	AP2	Low Operator Training Required	 Near Land / Harbor Monitoring Deploy - 		
	S2	 Route/Mission Changes from Remote C² Nodes 	Leave Behind Sensors / Arrays • Search & Recovery		
(((()))) OM2	OM2	 On-Call Resupply/Extraction Fully Autonomous Capability - NO Operator Required 	 Operations MUM-T Operations Rapid Environmental Assessment 		



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

> RNAV2 with S2 Sonar is also Diver Portable for Clandestine, Short Duration Dives requiring Precision Navigation

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.



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 .

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.

- NAVSEA 9310 Certified
- Approved for US Military Use (AMU Listing)
- Under contract to USMC, US Army, USSOCOM and many International SOF Maritime Units

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 have the same proven and reliable dimensions and US Navy Certifications.

CERTIFIED APPROVED FOR

MILITARY USE (AMU)

. . . 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

DPD-TEC2 (Single TEC2 Thruster)



MAXIMUM DPD SPEEDS*

DPD (Single MIK Thruster)	2.7kt
DPD-XT (Dual MIK Thruster)	3.5kt
DPD-TEC2 (Single TEC2 Thruster)	3.5kt
DPD-XT-TEC2 (Dual TEC2 Thruster)	4.2kt

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



"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
 - NAVSEA 9310 Certified
 - 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 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.



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



• 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

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

Material:

Hardware & fittings:

Cargo Weight (air):

Cargo length, max :

Cargo hatch lock:

Cargo Tie Downs:

Weight, empty (air):

Weight (salt water):

Lifting Handles:

Lifting Points:

Drag Load:

Diameter:

Length:

Cargo Volume:

Cargo Access:

Cargo Hatch:

Finish:

- 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



Bow tow-eye for quick link to DPD



Foward and aft Lifting Eyes for fast launch and recovery

CP2 Specifications:

Marine aluminum alloy Hardcoat anodized 316L Stainless steel 12 cu-ft (340L) 700 lbs (317kg) max Hinged hatch 18 in x 48 in (0.5m x 1.2m) 66 in (1.7m) Spring-loaded latch Three (3) 48 in (1.2m) rails Minimal 21 in (0.53m) 93.5 in (2.4m) 80lbs (36.3kg) Olbs (Okg) Four (4) Forward and aft

DPD2 OPTIONS & ACCESSORIES

4600-101

RNAV2 Precision Navigation & Control System

Innovative electronic navigation system for use by combat divers, mounted in the DPD, or dismounted in seconds for swimming in hand-held mode. Includes GPS, DVL, KALMAN Filter, internal battery and charger.

4600-102 S2 Sonar Option

Enhances the precision navigation capabilities of the 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 Autopilot 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 current, diver motion, and changes in diver buoyancy.

4600-200

OM2 Optionally-Manned Vehicle Package

Provides a series of vehicle control features that enable full remote, autonomous control of the DPD

4600-111 RNAV2 Tactical Mission Planning/Debrief Terminal

The mission planning workstation 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.

4600-127 GPS Float

Deployable/retractable GPS antenna cable reel with a 15m deployment length. GPS antenna in a buoyant pressure-proof float easily deploys to the surface by releasing out the minimum cable necessary to reach the surface. Clandestine low-viz GPS float quickly re-acquires signal even in heavy seas. Cable retracts via the hand crank spool eliminating the requirement to manually wrap the cable around a fixed spool. Other cable lengths available upon request.



4510-131 Heavy-Duty Carry Bag DPD (A) Protective Nulae zionered has for hand carrying the

Protective Nylon zippered bag for hand-carrying the DPD.

4510-137 Maintenance Cart (B)

Wheeled cart for use when servicing or storing the DPD.

4510-112 DPD "MUSCLES" Li-Ion Battery Charger

Charges one (1) DPD Li-Ion Battery from full discharge to full charge in eleven (11) hours. (NSN 6130-01-536-0585)

(11211 0130-01-230-0282)

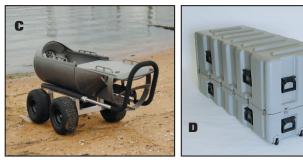
4510-120 Spare DPD " MUSCLES " Li-Ion Propulsion Battery for TEC2

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

4510-130 DPD Contoured Cargo Bag w/NBU Pouches

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





4510-138 DPD All Terrain Dolly (C)

Wheeled cart with welded aluminum frame, four (4) all-terrain tires and collapsible handle. Launches the DPD over rough terrain and over the beach to water.

4510-155 Reusable Shipping Container (D)

Molded IATA-Approved HDPE Container with foam inserts. For one (1) DPD plus Battery and Accessories. Stainless Hardware. (NSN 8145-01-536-1002)

DPD2 OPTIONS & ACCESSORIES

4530-9-332 Unique Identification (UID) Tag

Provides for the coding, identification and marking of DPD and selected options in compliance with MIL STD 130



4510-920 Extended Range Option

(Left) Doubles the range of a DPD, includes: B-Link Electronic Interface, (shown left) Neutral Buoyancy Cradle, Installation Hardware and 0&M Manual. A second (spare) DPD "MUSCLES" Li-Ion Battery is required (p/n 4510-118). (NSN 4220-01-536-1467)

DPD Thruster Bench Test Power Supply is

included with DPD Long Term Maintenance

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)



DPD Electrical Diagnostic Bench Test Kit is included with DPD Long Term Maintenance Special Tools.

4510-941 TEC2 Long Term Maintenance Special Tools

Includes all special tools required to perform depot level maintenance. (NSN 4220-01-536-1448)

Special Tools.

4510-944 Neutral Buoyancy Unit (NBU) Pack

Contains 64 NBU cells, each cell provides 1 lb. (500g) of buoyancy. For use with Contoured Cargo Bag (p/n 4510-130) or other load out container. (NSN 4220-01-538-5980)

4510-943 Provisioning Parts List (PPL)

Listing of all recommended replaceable parts and LRUs for the DPD with current FY pricing. 4510-200 Field Service Kit All tools required to service and maintain the DPD while in operational deployment. (NSN 4220-01-538-5984)

DEEP SUBMERGENCE DPD OPTION

270 FSW (82m)

4500-100-DS Deep Submergence DPD Vehicle

Includes: All required NAVSEA Approved components to extend transport/operating depth to 270 FSW (82m), including: Deep Submergence DPD "MUSCLES" Li-lon Propulsion Battery in sealed Pressure-Proof Battery Container (p/n 4510-118-DS), Deep Submergence rated Thruster and Throttle pressure containers; and 0&M Manual (p/n 4510-125). Charger (p/n 4510-112) not included.

4510-118-DS 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-lon Propulsion Battery (p/n 4510-118-DS), which must be purchased separately.

4510-210 TEC2 Deployment Load Out Kit

All parts and consumables required to support the DPD during both operational deployment and emergency field repairs for one (1) DPD for approximately four (4) years. (NSN 4220-01-538-5985) 4510-125 DPD 0&M Manual CD format, in plastic case.

4510-930 Basic Maintenance & Operator Training Course (Level 1)

Comprehensive five (5) day Instructional course for up to ten (10) students, performed by a STIDD senior technician/operator at customer facility, covering all aspects of DPD maintenance and operation. Includes all consumables and travel costs for the instructor.

4510-931 Advanced Maintenance & Repair Training Course (Level 2)

Comprehensive two (2) day Instructional course for up to ten (10) students, performed at the STIDD facility or customer facility, covering all aspects of DPD maintenance and repair including troubleshooting and repair of key DPD components. Includes instructor travel costs.

(Requires p/n 4510-940 and p/n 4510-941)

4510-932 Factory Technical Support

4510-933 ON-SITE Technical Support *

4510-934 ON-SITE Operational Training and Support * 4510-220

4510-220 Load Out Training & Support

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)



STIDD Systems Inc. P.O. Box 87 • 220 Carpenter Street Greenport, New York 11944 Phone: 631-477-2400 Ext. 158 Fax 631-477-1095 email: sales@stidd.com

CAGE CODE OW5E3

U.S. and International Patents & Trademarks Issued and Pending.

MADE IN U.S.A.

Specifications and availability of all STIDD Systems, Inc. products are subject to change without notice. REV - 08/31/2017 CAT20 DPD System 2 831.2



stiddmil.com

The STIDD Military Products website includes the latest, most up to date unclassified information on STIDD Military Submersibles

To become an authorized STIDD Military Website User Contact: 631-477-2400 ext 158 or e-mail sales@stiddmil.com



- **DPD (Diver Propulsion Device) Items** Items are on GSA Contract No. GS-07F-0101K www.gsaadvantage.gov
- STIDD Systems is a Small Business Entity.
 - STIDD Submersible Boats are subject to ITAR controls. US Department of State DTC license required for export.

www.stiddmil.com

