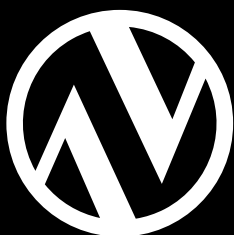


LEVEL
PEAKS
ASSOCIATES



WINTER 2021

NEWSLETTER

INTRO

As we continue to face challenges presented by the current pandemic we sincerely hope this newsletter finds all our customers, old and new, well. Despite these strange times the team has continued to build, develop and successfully deliver numerous projects whilst mainly working from home; no small feat!

LPA has expanded dramatically in the last 18 months in all areas with a significant increase in manpower, many of whom

are SMEs; helping to bring together the World's best combat systems. We have also now opened offices in Melbourne and Poole with Mark Cartwright building our reputation in 'Down Under' Oz, whilst Richie Babb and John Mulvey in Poole at the Parkstone Marina keep our South Coast customers happy.

We continue to expand into new areas of business and increase our offering of OEMs and products. Our Winter newsletter includes some of the highlights which you may find of interest.

MEET THE TEAM

Introducing you to some of the recent additions to the ever-expanding Level Peaks workforce.



Steve Walker
Business Development (Mobility)
Steve joined the company in Apr 2020 after completing 35 years military service. Ex-REME, spending the last 8 years of his career as Senior Engineering Officer and an Equipment Manager responsible predominantly for all Vehicles, Maritime, CBRN, EOD and Specialist Capability.

Based in Northern Ireland, Steve has primacy for LPA's new business area of vehicles. This ranges from Autonomous Unmanned Vehicles through to Civilian Armoured Vehicles and moving on to full blown Specialist Tactical Vehicles. LPA have partnered with numerous suppliers across the globe to ensure we can deliver any of these capabilities and associated parts including recovery aids.



Jack Humphrey
Business Development (Air)
Jack is our in-house UAV and air systems lead. He left the Army after 25 years of service and brings a wealth of operational experience using the latest technology in the fight against global terrorism. Towards the end of his career, Jack helped inform, managed and deliver several technical specialist projects in his Unit's Equipment Capability Cell. Jack was also a military parachutist, free-faller and Tandem Master.



Richie Babb
Business Development (Maritime)
Richard is one of the Principal Technical leads within Level Peaks' Maritime business domain and has additional responsibilities for stakeholder management of strategic, and front line command customers. Richie joined LPA in April 2020 having completed 23 years of military service and is now based in the Poole office, Dorset.

As a senior leader within the United Kingdom Special Forces, Richie has the ability to deliver in a wide range of challenging and complex environments alongside diverse cultures and peoples. He is skilled in Human Resource management, providing advice and mentorship to colleagues at all professional levels.

Richie's interests are fitness training, any water sports (Diving, kitesurfing, surfing, sea swimming) and generally conducting outdoor activities.



John Mulvey
Technical Lead/Business Development (Maritime)
John is one of the Principal Technical leads within the Level Peaks' Maritime business domain based out of Level Peaks Poole office. John joined LPA in February 2020 from a Bath based consultancy firm where he was supporting Strategic Command, based out of Regents Park Barracks in London. John joined the Army at 18 and served for a further 23 years before joining industry in 2001. He has considerable experience in project management, system and safety engineering, and risk and human factors analysis; having worked across the Ministry's of Defence, Justice, and the Foreign and Commonwealth Office, his exposure to the management of change in complex technology focused programmes is considerable.

Recently married to Frances, and with 4 young grandchildren he sometimes wishes his Black Belt qualification was in Judo and not Lean Six Sigma.



Phil Warren
Firepower (Weapons & Ammo)
Phil joined the Firepower desk at Level Peaks just under a year ago having spent 12 years serving in the Royal Electrical Mechanical Engineers. He spent a good portion of his career as a class one Armourer working intimately with UKSF, specialising in support weapons and long-range shooting. He was involved heavily with developing and teaching specialist niche Sniper capabilities as well working closely with industry to integrate complex fire control systems. His current role at Level Peaks is much the same.



Tony Palmer
Quality and Compliance Manager
Tony has been with LPA for just over a year having spent 22 years in the RAF and 19 years in the MOD as an Aircraft Engineer. Having spent his last years in the MOD as a lead auditor in the Military Aviation Authority, he brings to the table a wealth of quality, engineering, MOD know how and Regulatory knowledge. Tony also utilises his previous project management and engineering experience to assist the Project Teams in delivering the customer products and systems ensuring they are safe and perform as expected; making him an essential and valued member of the LPA team.



OPS-CORE AMP HEADSET



Showing Urban Gray



The Ops-Core Adaptive Mission Platform (AMP) Communication Headset is designed to meet any operational challenge while at the same time protecting and enhancing your hearing at every crucial step. With its advanced technology and reconfigurability it's the most versatile headset for the modern soldier.

The AMP Communication Headset's user-driven design provides the highest levels of hearing protection and increased situational awareness, combined with maximum mission configurability. Military personnel need to maintain 360-degree situational awareness in dynamic sound environments. Whether loud impulse noise like gunfire or steady state noise like a loud vehicle or airborne platform, it's imperative to have the appropriate level of hearing protection. The AMP Communication Headset's noise protection rating of NRR 22dB (SNR 27dB headset only) protects from excessive noise levels, while its eight scalable hearing levels allow the end user to tailor their level of situational awareness to their mission requirements, with the option to enhance natural hearing up to +12dB.

The addition of optional Ops-Core® Near Field Magnetic Induction (NFMI) Earplugs provide increased noise reduction while maintaining clear communications and hear-through audio. They can be used alone or combined with the AMP Communication Headset. Alone, they provide up to 30dB NRR (38dB SNR) of hearing protection and combined with the AMP Communication Headset, up to 34dB NRR (41dB SNR). These do not need batteries, recharging, or any wired connection. When engaged, the NFMI Earplug will seamlessly integrate, providing unrivalled hearing protection capability.

The AMP Communication Headset easily converts from a headband to helmet mounted and vice versa with the optional AMP Helmet Rail Mount Kit, without the requirement for tools or damage to the system. Its design enables a superior ear seal while increasing helmet stabilization and counter balancing helmet mounted devices and goggles.

The headset is designed to integrate with Ops-Core ARC Rails using the FAST ARC Rail attachment. The FAST ARC Rail arms can be mounted to the rear of the rail system, leaving the top portion of the rails free for other accessories and the integrated cable management clip on the rail arms, combined with included hook and loop fasteners, provides streamlined cable management.

The AMP Communication Headset is available in fixed download and connectorized. Each provides different connectivity options to radios and communications equipment, while the connectorized AMP Communication headset can run dual, single, or multi-channel PTTs using the Fischer connectors on either earcup.

The AMP Communication Headset Skins can further enhance signature management. Like the headset, these are durable and minimize the optical signature in both the visible and Near-Infrared (NIR) spectra. Choose from a comprehensive suite of colours and optional MultiCam® Skin Sets: original MultiCam®, MultiCam® Tropic, MultiCam® Black, and MultiCam® Alpine. Contact Level Peaks for further information on the AMP Communications Headset.



SAN TACTICAL BREACHING TOOL



Using the SAN hydraulic breaching system instead of explosives or mechanical tools, an operator can maintain the element of surprise through the advantage of a quiet, simple to use system. The Tactical Breaching Kit system is lightweight for single operator use and can be equipped with multiple quick release tools such as a door breaker, spreader/long spreader, cable cutter or guillotine amongst others - depending on the gate, grill, door or vehicle you wish to target. The SAN breaching system delivers up to 23 tons of hydraulic cutting power to ensure the job is swift and efficient.

Demonstrations have been conducted for multi-agencies – including the Home Office, MoD, Ministry of Justice and the Fire Service.

The SAN kit has been used on over 40 Police operations, successfully breaching a variety of doors, gates & grills, during firearms & non firearms operations both in the execution of high risk warrants & rapid entries. This tool has rapidly become the 'essential' piece of equipment Police turn to when quiet entry is required.

X-RANGE

GLASS BREACHING

The 'X' Range of Glass breaking products has attracted a vast amount of interest since LPA brought this new capability into the UK earlier this year. The 'X' Range comprises the X-Baton, X-Ball and X-Pole (extendable).

The X-Range are innovative breaching tools with astonishing glass-breaking capabilities. They can easily break through windows in most vehicles or buildings with a firm tap or an underhand throw.

This compact device eliminates the face-to-flame or face-to-suspect contact firefighters, law enforcement officers, and military personnel make when breaking glass barriers during a rescue or to apprehend a suspect.

Whether you are a Police Officer gaining access to the side or rear glass of a vehicle whilst remaining in partial cover to gain better intelligence or create a diversion, Military Personnel using for breaching purposes on buildings, coaches or trains, or a Fire-Fighter using as Rescue Tools, the X-Range is the tool to use for a vast array of glass breaking requirements.

The X-Range has already been used on many Police Operations with great success.

X-POLE

TELESCOPING TACTICAL POLE



Lightweight

- All sizes weigh under 5lbs/2.2 kg.

Versatile

- Available in 3 telescoping sizes for various applications.
- 2-4 ft, 4-8ft, 6-12 ft. (multiple length settings for each).

Attachments

- Sold together with X-ball as a package.
- Hook attachment for 'break and rake' operations.

Stealth

- Matte black finish fibreglass pole



X-BALL



Compact

- Small, compact design makes it easy to throw and carry.

Lightweight

- Powerful, yet lightweight (less than 1lb/0.5 kg).

Safety

- Keep a distance from flames and other hazards.

Effective

- Easily penetrates most glass (except laminated).

Versatile

- Take a defensive posture either on contact or from a distance.

X-BATON

RETRACTABLE TACTICAL BATON



Compact

- Small, retractable baton. 6.5" closed and 13.5" open.

Easy Access

- Fits in front vest pocket for quick deployment.

Secure

- Includes retaining clip to attach securely to vest.

Effective

- Designed for perpendicular or parallel glass breaching.

Stealth

- Matte black to maintain low profile.



GARMIN TACTIX DELTA

VARIANT MODELS: TACTIX DELTA SOLAR | TACTIX DELTA SOLAR WITH BALLISTICS



Garmin recently updated their tactix series GPS smartwatches with the tactix Delta and tactix Delta Solar Edition and tactix Delta Solar Edition with Ballistics.

tactix® Delta - Solar Edition with Ballistics is the tactical GPS smartwatch with AB Elite™ software and solar charging lens. It's built to military standards (MIL-STD-810) with specialized tactical features as well as mapping, music, advanced training features and more. This watch is built to stay out in the field for months. Mission-ready features include stealth mode, which disables location sharing and wireless connectivity, and a kill switch to wipe all user memory. Applied Ballistics software calculates aiming solutions for long-range shooting. Track your fitness and outdoor expeditions with improved performance monitoring, including the upgraded acclimation 2.0 widget.

Meant for everyday life as well as field work, it also offers smart features such as enhanced wrist heart rate, smart notifications, Pulse Ox sensing, Garmin Pay™ contactless payments and more.

MISSION SPECIFIC FEATURES:

- Stealth mode
- Kill switch
- Dual-position GPS formatting
- Night Vision Capability
- Jumpmaster mode
- Waypoint projection

ADDITIONAL FEATURES:

- Music storage with Bluetooth playback
- Smart Notifications
- Sports & performance tracking
- Garmin Pay contactless payments

BATTERY LIFE ESTIMATES:

- 24 days in standard Smartwatch Mode
- 120 days in Battery Saver Watch mode
- 66 hours in GPS mode
- 148 hours in Max Battery GPS Mode
- 56 days in Expedition GPS Activity



GARMIN®

GARMIN DESCENT MK2i

Monitor your gas and depth with the advanced, watch-style dive computer that comes with multisport training and smart features.



Air-integrated dive computer for you and your dive buddies. Choose from multiple dive modes for your underwater mission.

Measure your performance and track your stats above water. This smart dive computer features Garmin Pay™, music and notifications.

Share and review dives in the Garmin Dive™ app. The battery in your Garmin device is simply unmatched by other smartwatches: Smartwatch mode 16 days. GPS mode up to 96 hrs.

AIR INTEGRATION

- Pair with Descent T1 transmitter for integrated pressure monitoring on up to 5 tanks via SubWave™ sonar data network¹.

SUBWAVE SONAR

- Transmit data — such as remaining air time, air consumption rate and more — for you and other divers within a range of 10 metres¹.

DIVE MODES

- Get multiple dive modes for single and multiple gas dives (including nitrox and trimix), gauge, apnea, apnea hunt and closed circuit rebreather.

CUSTOMISABLE DIVE MODES

- Add additional screens for each dive mode that features the fields you want to see.

SURFACE MULTI-GNSS

- Track your entry and exit points with advanced satellite connectivity.

DIVE LOG

- Store and review data for up to 200 dives — and share via the Garmin Dive app.

INREACH® COMPATIBLE

- Pair with inReach satellite communicators³ and the inReach dive case.



INFORCE TORCHES

9ZERO™



Output: 1200 Lumens
Runtime: Up to 1.5 hrs

RIFLE LIGHTS



Aluminium Body
Magnetic Tape Switch

FORTY5™



Output: 1200 Lumens
Runtime: Up to 1.5 hours

Following on from the success of the WML and the APL, Inforce have developed their next generation of weapon and helmet mounted sights including their first machined aluminium line, the 9ZERO and FORTY5 with tape switch. The INFORCE 9ZERO is a rifle or pistol caliber carbine mounted light that can pump-out 1,200 lumens for up to 1.5 hrs. The 9ZERO activation light sits at a 90-degree angle from the mounting position giving the user with a c-clamp style grip easy access to the light's activation button. The FORTY5 is the same light but with a slightly rotated activation switch at a 45-degree angle for those with a less aggressive c-clamp grip on the handguard of the rifle. 18650 and 123a battery compatible. Reversible for left of right-handed shooters.

WILD1™



Output: 500 Lumens
Runtime: Up to 1.5 hrs

PISTOL LIGHTS

The WILD family of handgun lights provide lightning fast activation for positive target identification.

WILD2™



Output: 1000 Lumens
Runtime: Up to 1.5 hrs

WML™ WHITE / IR



Output: W 400 Lumens/ IR 100mW
Runtime: W up to 1.5 hours/ IR up to 4 hours.

WMLX™ WHITE / IR



Output: W 700 Lumens/IR 400mW
Runtime: W Up to 2 hours/IR up to 4 hours.

HML™ WHITE / IR



Output: W 400 Lumens/IR100mW
Runtime: W Up to 1.5 hours/IR up to 4 hours.

Emissive Energy Corp. is an American manufacturer that designs and produces weapon accessories for defence law enforcement, homeland security and private citizens marketed under the INFORCE brand.

They are an ISO 9001:2008 certified manufacturer of optoelectronic systems that also designs, engineers and

manufactures OEM products for a variety of U.S. and international customers.

The INFORCE brand of products is distributed worldwide and are currently in service within the UK MoD and police.



ON CLOUDROCK



Manufactured in Switzerland, On's patented CloudTec® technology is engineered to deliver a soft landing followed by an explosive take-off. The result? An unbelievably light running sensation with Cushioning that doesn't break your stride, but adapts to it. When you hit the ground with an On shoe, the highly adaptive rubber Cloud elements cushion both vertical and horizontal forces for a soft landing and start getting you ready to move forward. As soon as you strike the ground, the Cloud elements lock firm to form a solid foundation for natural, powerful propulsion.

Together with the Cloud elements, the engineered structure of On Speedboards supports the natural rolling motion of your foot. From landing to push-off and onto the next stride, each promotes an active running sensation. Every Speedboard is adapted for each model, working in synch with the entire sole to ensure an experience that moves you.

With a sole, fit and structure for every surface there's an On system solution for everyone's individual requirements. Contact Level Peaks for further On Running information.

On Cloudrock

Technology

Missiongrip™ rubber adds traction while lugs bite into soft trails. The Swiss-engineered FlexLock system means laces can be tied traditionally or with a single pull. A 360° mudguard protects and the Speedboard™ provides propulsion and stability. Tongue straps secure laces and Zero-Gravity CloudTec® ensures cushioned landings.

Materials

The durable membrane is wind- and waterproof. Two types of mesh in the mid- and forefoot enhance stability and breathability. The high collar is made for movement and, like the tongue, is reinforced with padding. The rubberised mudguard is tough but light and flexible - the ideal blend of speed and shield.

Design

The first On speed-hiking boot is built for traction, pace and protection in all conditions. And it's up to 35% lighter than competitors. Born in the Swiss Alps, it's engineered for performance stride after mountain-top stride.



ALPHA TARAC



The Alpha TARAC is a prism wedge that optically shifts your target image higher so you aim higher to compensate for bullet drop. The result is an instant, long-range zero configured to increase your maximum point blank (MPB) range.

Dimensions:

- L 2.69" x W 0.80" x H 2.43"
- L 68mm x W 20mm x H 62mm
- Weight: 5.2oz
- Colours: Gun Gray and Desert Rust

ADVANTAGES:

- Double hit-rate probability on long-range targets with less than 1 min of training (verified by USASOC)
- Alpha TARAC is compatible across optics, zeroes, munitions and weapons
- Over 97% of the weapons used by NATO ranging from 6-28 in barrel lengths can be optimised with just three Alphas, saving money and guaranteeing complete versatility. (Refer to Alpha TARAC Operator's Manual)



ARMOURED VEHICLES



Our customers need equipment they can rely on to keep them safe and secure to get the job done. Level Peaks has partnered with a number of leading suppliers of advanced armoured vehicle solutions.

Level Peaks has forged strong relationships with suppliers that have proven experience in the design, engineering and integration of advanced sub-systems and equipment delivering comprehensive vehicle platforms built to meet the most challenging field and mission requirements. We have the ability to deliver discreet civilian pattern vehicles in addition to tactical mobility platforms to meet your requirements whilst complying

with the relevant ballistic certification.

We have the ability to provide not only custom armoured solutions, but the advice and support to ensure the end-users get the best vehicle for their job whilst maximising their new capability.

From personal security, through to police and large military vehicles, we have a solution that you can trust in your chosen environment.



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