MEDIA RELEASE:

ASX:D13

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Department 13 Receives U.S. Patent for Coding Technology that Reduces Power Consumption and Cost of Radio Transmitters

Highlights:

- Patented technology increases battery life and reduces cost of radio transmitters in cameras, phones, computers and drones
- Creates additional revenue generation stream via licensing opportunities in the consumer electronics and counter drone markets
- Affords significant competitive advantage by enhancing the ability of counter-drone systems including MESMER™ to adapt to emerging threats

COLUMBIA, MD and PERTH, WA – 20 April, 2017 – Counter drone technology company, Department 13 (ASX: D13 or "the Company"), has been issued U.S. Patent No. 9,628,231 titled "Spreading and Precoding in OFDM."

The patent, exclusively licensed to Department 13 and assigned to Genghiscomm Holdings, the IP holding company of D13's Chief Science Officer Steve Shattil, covers coding technology that can dramatically reduce power consumption and cost in radio transmitters. The patented technology can, in some cases, double the battery life of radio transmitters and is applicable to phones, computers, drones and cameras, providing significant IP licensing opportunities for Department 13.

The technology also enhances the ability of counter-drone systems to use networks of distributed sensors and will be utilised in future versions of MESMER™. Department 13 already owns and licenses a variety of patents that apply to wireless networks for managing drones and adapting to emerging threats.

Jonathan Hunter, Chief Executive Officer of Department 13, said:

"With the anticipated expansion of wireless communications and the overall drone market, this patent will provide Department 13 with a unique competitive advantage as well an additional revenue stream through potential IP licensing opportunities. This technology is essential to future commercial drone markets including air traffic management, airborne delivery services, sensor networks and infrastructure to support cellular communications."

Including this patent, Department 13 now holds 14 U.S. issued patents, with 23 pending.

The issuance of this patent follows the first sale of Department 13's counter drone solution, MESMER™, to Australasian Government and Defence sector supplier, EPE.

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About Department 13

Department 13 (D13) was founded in Virginia in 2010 by a team of former military operators, scientists and engineers who apply proprietary innovative advanced technology to emerging requirements. D13 is developing cutting-edge software and communication systems that have the potential to transform the networking and communication fields as well as current applications in drone defense, mobile phone IT security and secure enhanced Android phone systems. D13 is engaged with multiple counter UAS projects to provide strategic solutions for civil, military and commercial security requirements. D13's MESMER® Counter Drone System is a unique patented, low power, non-jamming, non-line of sight, non-kinetic drone mitigation solution, enabling an effective and safe method of protecting personnel and infrastructure from dangerous drones. D13 has 14 patents and 23 patent applications in the development of wireless protocol manipulation and communication networking software with applications in drone defense, local area and wide area cellular communications and networking, enhanced data bandwidth for all digital communications, cyber security for mobile devices and sophisticated RF technology applications (radiometrics). For more information about D13, please visit www.department13.com or follow us on Twitter (@D13ASX), LinkedIn and YouTube.