

AVENZA RELEASES MAPUBLISHER 9.8 FOR ADOBE ILLUSTRATOR

Avenza Systems Inc. is pleased to announce the release of MAPublisher 9.8 for Adobe Illustrator. This latest update includes many new features including full compatibility with Adobe Illustrator Creative Cloud 2015.3. This release also introduces the ability to connect to a PostGIS spatial database and import data, additional options to preview and change character encoding when importing data, and the added ability to fine tune art objects to be exported. "We're pleased to release MAPublisher 9.8 with full compatibility for the latest Adobe Illustrator CC 2015.3 update," said Ted Florence, President of Avenza. "A lot of on-going work behind the scenes has kept us busy with making upcoming features compatible with the latest updates to the Adobe Illustrator platform," he added. "We're committed to providing our users with the best map creating experience possible and hope all of the new features in this release will be beneficial." www.avenza.com

INTERMAP CHOOSES GLOBAL MAPPER FOR ENTERPRISE-WIDE SPATIAL DATA PRODUCTION

Blue Marble Geographics is pleased to announce that Intermap Technologies® has signed an Enterprise License Agreement (ELA) providing unrestricted access to Global Mapper and the Global Mapper LiDAR Module throughout the company's data management and processing operations. Intermap's decision to deploy an enterprise license of Global Mapper reaffirms the company's fifteen year commitment to the software. Global Mapper provides the company's workforce with a powerful and efficient set of tools for visualizing, converting, reprojecting, analyzing, and exporting spatial data in a wide variety of formats. With the inclusion of the powerful LiDAR Module in the ELA, Intermap technicians will be able to employ the foremost point cloud processing tools to improve the quality and usability of their extensive LiDAR datasets. Global Mapper was chosen by Intermap because it offers the perfect balance of powerful GIS functionality, affordability, ease-of-use, and simplicity of licensing. www.bluemarblegeo.com



PLANETEK ITALIA AND EUROPEAN SPACE IMAGING SUPPORT EARTHQUAKE EMERGENCY OPERATIONS.

European Space Imaging and its long-term partner Planetek Italia sprang into action to support disaster relief efforts by supplying the first available very high-resolution satellite imagery to emergency services and the media just hours after the recent earthquake struck Italy. The imagery was captured by the WorldView-2 satellite over the affected region showing the extent of the damages caused. The high-resolution imagery was immediately made available to the Italian Emergency Services. The

earthquake hit at around 3:30 am of August 24th, and early that morning Planetek asked European Space Imaging to collect imagery of affected areas through its local ground station. A few hours after the earthquake, around 10:20 UTC, European Space Imaging acquired and provided the first image of Amatrice, Italy in 40 cm resolution. The towns of Amatrice, Accumoli, Pescara del Tronto and Arquata del Tronto have been completely devastated. www.euspaceimaging.com www.planetek.it

INDESTRUCTIBLE MAPS - HOTTER THAN DRAGON'S BREATH!

Outdoor adventurers love ultra-practical fabric maps, and widespread media attention in the UK - including the Dragons' Den TV show, BBC TV news and radio, - is bringing them to a whole new audience. Fresh converts have been joining walkers, runners, riders, bikers, climbers, canoeists etc. in snapping up SplashMaps following the MD's visit to the Dragons' Den. Fabric maps are the most reliable, practical form of map - no need for batteries, signal or folding and they're happy being dropped! They're scrunchable (to stuff into pockets, tie around necks etc.), weatherproof and washable. SplashMaps MD, David Overton comments,



"It's a phenomenal time for us. Orders are flying in, not just from individuals buying for themselves or as gifts, but bulk orders of custom maps for all kinds of uses. They've proved popular and we're looking at more collaborations. www.splash-maps.com

EXACTEARTH ANNOUNCES SMALL VESSEL TRACKING CONTRACT WITH THE GOVERNMENT OF GHANA

exactEarth Ltd. has been selected by the Fisheries Commission for the Government of Ghana, for the provision of Satellite AIS data services as well as a small vessel tracking solution. The contract will enable Ghana to acquire the technology necessary to monitor its expansive coastlines and deter illegal fishing in its national waters. Along with a comprehensive Satellite AIS data feed, exactEarth will provide 450 Class B AIS transceivers to be installed

on inshore fishing vessels which will be tracked via satellite utilising exactEarth's exactTrax™ small vessel tracking technology. In order to address the rampant Illegal, Unregulated and Unreported (IUU) fishing around Ghana's Exclusive Economic Zone, this small vessel tracking solution will gain access to detailed fishing vessel positions and movement analysis services through the exactEarth ShipView™ platform. www.exactearth.com

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EAST VIEW GEOSPATIAL INTRODUCES NEW IMAGE ANALYSIS SERVICES

East View Geospatial launched a new image analysis services designed to complement the company's ever-expanding sources of satellite data and remote-sensing information. In creating the pioneering new services, East View Geospatial leveraged cutting-edge tools such as **Harris Geospatial Solutions'** product **ENVI**, as well as **Erdas Imagine**, and melded them with proprietary technologies to create new automation processes. As a result, **EVG** professionals can provide enhanced overhead imagery, as well as rapid and accurate assessments of events around the world. By utilizing more than one hundred high and medium resolution earth-observation platforms to track developments and anticipate future conditions, East View Geospatial is now able to offer services including change detection monitoring, as well as normalized vegetation index assessments, that range in scale from a few acres to thousands of square kilometers.

www.eastview.com

SURVEYING AND MAPPING CONTRACT EXTENDS FUGRO'S 30-YEAR PARTNERSHIP WITH ST. LOUIS CORPS OF ENGINEERS

Fugro has been awarded a photogrammetric and LIDAR surveying and mapping contract by the **US Army Corps of Engineers, St. Louis District, Missouri**. This five-year, indefinite delivery indefinite quantity contract has a ceiling value of US\$12.5 million and marks Fugro's third consecutive mapping contract with the Corps, making this a partnership that has spanned more than 30 years. "Our long-standing collaboration with the USACE has produced a multitude of products utilising numerous evolving technologies and methods over the years," said **David White, senior vice president of Fugro Geospatial**. "We look forward to continuing our valued partnership and providing geospatial solutions to the St. Louis District in the coming years." Mapping completed under this contract will support the Corps' Center of Expertise for Photogrammetric Mapping in their endeavours to provide full service, rapid response photogrammetric mapping.

www.fugro.com



3D LASER MAPPING UNVEILS NEW MULTI-PLATFORM MAPPING SYSTEM IN AFRICA

3D Laser Mapping, unveiled an innovative multi-platform mapping system to the African market at **Geomatics Indaba**. Named **ROBIN**, the platform is the first of its kind on the market and provides three alternative mapping options rolled into one solution. The versatile system offers many different methods of data capture, meaning users are no longer limited to just one mounting platform. **ROBIN** is a multi-purpose all round system with the ability to capture data in

WALK, FLY or DRIVE mode. The unit integrates a laser scanner, IMU navigation system, 12 MP camera, two GNSS antennas, a touch screen control unit, a 3-in-1 mounting system and software data capture and processing. Both survey-grade and GIS-grade systems are also available with an optional **GEOSLAM** upgrade, available early next year. **ROBIN**, well received by the African industry, is the first on the market to offer a three-in-one system.

www.3dlasermapping.com

YOTTA WINS DEAL TO EXTEND HORIZONS CONTRACT WITH AMEY INTO INTERNATIONAL MARKETS

Yotta has announced a five-year extension of its existing contract with **Amey**, one of the UK's leading public and regulated services providers. The new deal, valued at over £1.125 million, allows Amey to roll out licences for Yotta's visualised asset management solution, **Horizons**, to subscribers in Australia, New Zealand and Spain in addition to those based in the UK. The service and maintenance provider will also be able to use **Horizons** in an additional six end customers. **Horizons** is a visualised **Software-as-a-Service (SaaS)** asset management platform designed to make

it easier for asset managers to visualise, manage and optimise all their asset management strategies and records using a single cloud-based solution. Since launching to market in 2012, **Horizons** has revolutionised asset management across a range of applications and is now used by around 55 local authorities in addition to service partners and maintenance contractors.

www.yotta.co.uk



ESRI MAPS NOAA'S NATIONAL WATER MODEL

Smart mapping leader **Esri** has released a robust collection of web maps that display **NOAA forecast streamflow** data for the continental United States. Esri's multiscale web map applications allow users to view forecast water flows in real time at high resolution. The maps weave NOAA's recently released **National Water Model** data and **Esri's ArcGIS** functionality to provide interactive views of current and future water system behaviors. These data-rich maps improve NOAA's ability to meet the needs of emergency responders, reservoir operators, ecosystem professionals, and floodplain managers by

providing detailed information that can anticipate flood and drought conditions. National Weather Service data populates the interactive maps with hourly updates and forecasts for up to 10 days. "We share a common vision for the value that high-resolution water prediction brings to the nation," said **Edward Clark, director, Geo-Intelligence Division, National Water Center, NOAA**.



www.esri.com

SEPTENTRIO'S ALTUS NR2 GNSS RECEIVER IS NOW OFFERED BY ESRI

Esri customers in the United States can now purchase **Septentrio's Altus NR2** high-accuracy GNSS receiver, according to an announcement today from the two partner companies. The open-architecture Altus NR2 is fully compatible with Esri's new version of **Collector for ArcGIS**, giving Esri users a powerful combination for GIS data gathering in applications requiring centimeter-level positioning. The intuitive web interface built into the NR2 allows for easy receiver configuration for Collector for ArcGIS using a standard web browser so that no additional device is needed to configure the receiver. "This new reseller agreement builds on our

longstanding strategic alliance with Septentrio to develop high-accuracy GNSS/GIS solutions optimized for easy integration with our ArcGIS Online platform," said **Jeff Shaner, product manager**. "The Altus NR2 GNSS receiver, coupled with Collector for ArcGIS, provides a seamless solution for high-accuracy, offline field data collection using the ArcGIS platform." www.septentrio.com.



LITHUANIAN SURVEY EXPERTS TAKES DELIVERY OF SITECO ROAD-SCANNER

SITECO Infomatica SRL has completed the delivery and commissioning of a **Road-Scanner-4** to **LiMAP, UAB** of Vilnius, Lithuania. This latest delivery of the high performance Road-Scanner-4 is the first such configuration in Lithuania and the second of a SITECO mobile mapper to the Baltic region. The system is configured with two **Zoller & Froelich (Z+F)** 9012 Profiler laser scanners, a Point Grey Ladybug 5 spherical camera and an XBLUE Atlans IMU and inertial navigation system. This type of integration is able to provide the highest accuracy, point

density and speed capability of any dual sensor mobile mapper currently available. LiMAP decided on these components to meet their exacting requirements for upcoming design and engineering projects they will be carrying out. The Road-Scanner-4 system will improve efficiency of the overall design build process for their upcoming large infrastructure projects. www.sitecoinf.it



CGG LAUNCHES TOPSEIS -THE SOLUTION FOR IMAGING SHALLOW RESERVOIRS

CGG has announced the launch of **TopSeis™**, the latest evolution in offshore broadband seismic, specifically designed to overcome the intrinsic lack of near offsets inherent in 3D towed-streamer seismic. Exacerbated by the use of progressively wider spreads to meet the industry's quest for greater efficiency, the lack of near offsets leads to an inability to image shallow geological features, such as faults, gas pockets, channels and stratigraphic pinch-outs, effectively. By overcoming this shortcoming, TopSeis enables exploration and development teams to make critical investment decisions on the basis of superior high-density broadband data delivered at a lower cost compared to other techniques, notably ocean bottom seismic. TopSeis is the latest outcome of eight years of collaboration between Lundin Norway AS and CGG to develop innovative broadband solutions, including early benchmarking of CGG's BroadSeis™ solution, to improve subsurface understanding and increase exploration success. www.cgg.com



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HERE OPEN LOCATION PLATFORM WINS TOP SPOT IN OVUM LOCATION PLATFORM INDEX

Market leading research and consulting firm, **Ovum**, rated the **HERE Open Location Platform** as the most complete **Location Platform Index**. Ovum, which rates the overall capabilities of providers in the location-based services market, gave HERE an overall score of 7.73, and the clear number one spot in completeness, mapping data, features, traffic, device compatibility. **Neha Dharia, Senior Analyst, Consumer Services, Ovum** said "With its detailed mapping data, strong enterprise and automotive service propositions and continuous effort to innovate in the space, HERE has secured the top spot in the completeness category of Ovum's Location Platform Index," "We are honored that Ovum has recognised our HERE Open Location Platform," says **Edzard Overbeek, Chief Executive Officer of HERE**. In a world where data is paramount, HERE is helping people, enterprises and cities the world over harness the power of location. <http://360.here.com>.

LOCATION POWERS WORKSHOP TO ADVANCE GEOSPATIAL APPLICATIONS OF BIG DATA

The **Open Geospatial Consortium (OGC®) Location Powers: Big Data** workshop, occurred on Tuesday 20th September in Orlando, Florida. The Location Powers: Big Data workshop brought together leading developers of geospatial big data systems. This was an opportunity for participants to hear about the latest developments in the field, as well as contribute to the collective discussion concerning advancing the use of big data computing techniques being applied to geospatial data. The rapid increase of sensing and mobile devices is an unstoppable information source that is transforming human lives in incredible ways. Every two days, the human race generates as much data as was generated from the dawn of humanity through to the year 2003. Most data has a spatial and temporal component and by processing this enormous and varied stream of geospatial information with big data analytics and visualization brings benefits to many applications in our world. www.opengeospatial.org.



SCIENTISTS TAKE TO THE SKIES TO TRACK WEST AFRICAN POLLUTION

Scientists operating research aircraft over **West Africa** have detected organic materials in the atmosphere over a number of urban areas, contributing to concerns of the rise in pollution across the region. The EU-funded **Dynamics Aerosols Clouds and Climate in West Africa** project has investigated impacts of natural and manmade emissions on the West African atmosphere. Three aircrafts collecting atmospheric data, were used to track coastal air pollution as it streams

inland reaching the forests and the Sahara. **Professor Hugh Coe, from the University of Manchester**, said: "West Africa is a region that will grow and develop rapidly over the coming decades, and yet we know very little about air quality and meteorology across the region, mainly because of a lack of data." The organic materials detected in the atmosphere could be particles from charcoal burning, general rubbish, and agricultural waste impacting the clouds and climate in the region. www.manchester.ac.uk

TOPCON SURVEY REVEALS HUGE POTENTIAL OF MACHINE CONTROL

Machine control technology isn't being used to its full potential, according to a recent survey of almost 200 operators across the construction industry. The survey, undertaken by **Topcon GB and Ireland**, shows over a third of respondents have never used machine control technology in the workplace, missing out on the benefits of this industry-leading technology. The operators that have used machine control technology are already seeing a clear improvement in their working practice. Over 90 per cent of these respondents believe their productivity has increased as a result of utilising it on site. Machine control uses GPS data and 3D



modelling to give the driver a view of the machine's cutting edge in relation to the final plans. This means operators are not relying on human judgement, which has a huge impact on the productivity, safety, cost and waste produced when working.

www.topconpositioning.com/en-gb

GGP SYSTEMS PARTNERS WITH BLACKPOOL COUNCIL TO POWER NEW BROWNFIELD REGISTER PILOT

GGP Systems Ltd (GGP) announced a partnership with **Blackpool Council**, it has implemented a new Web Mapping solution aimed at providing Blackpool residents and businesses with information. Powered by GGP's latest web mapping technology, the first project implemented is a '**Brownfield Site Register**'. Blackpool successfully bid for 'Brownfield Register Pilot Status' and is helping to shape and develop the approach to brownfield registers. The experiences of Blackpool and other pilot authorities will feed into future legislation and guidance. Interrogation of the land parcels identified produces a list of information for

developers on which they can make assessments.

This is the first in a number of installations of GGP's new web mapping solution, providing the public and internal staff with access to council held information and is another step forward for GGP as it continues to extend its offerings within the public sector. www.ggpsystems.co.uk



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industrial.phaseone.com

AVEVANET GATEWAY ACHIEVES CERTIFIED INTEGRATION WITH SAP® ERP

AVEVA Solutions Limited announced that its AVEVA NET Gateway 5.0 has achieved certified integration with the SAP® ERP application. AVEVA's intent is to provide IT and Operations managers with peace of mind when integrating critical engineering information.

AVEVA NET Gateway 5.0 is based on proven and supported SAP integration technologies. Taking information from outside of one software solution into another system typically adds risk. The SAP certification confirms that AVEVA NET Gateway 5.0 makes accurate, up-to-date, reliable information readily available and accessible, while supporting data integrity and reducing risk to data such as data loss or the introduction of inconsistencies. **Dave Wheeldon, AVEVA Chief Technology Officer** said: "Many of our clients use SAP software as their core application, and we expect that certification of the AVEVA NET Gateway will give them peace of mind that data will not be compromised when it is extracted or updated." www.aveva.com

SENSEFLY & AIR NAVIGATION PRO JOIN FORCES TO REDUCE THE RISK OF MID-AIR COLLISION

Professional drone maker, **senseFly**, has teamed up with **Air Navigation Pro**, to launch **Safer Together**. This joint initiative has been designed to address one of the biggest issues facing the General Aviation (GA) and unmanned aircraft communities: the risk of mid-air collision. Safer Together will make the skies a safer place by providing GA pilots and drone operators with awareness of each other's airborne activities, giving them the knowledge they need to take any actions necessary to avoid mid-air incidents around 200 – 400 feet (60 – 120 m) above ground level, where most light-weight drones currently fly. This initiative is fully in-line with senseFly's recent involvement in **Global UTM** (UAS Traffic Management) and JARUS discussions. The project will be rolled out during 2016 in two phases: **Phase 1: Drone awareness for GA pilots, Phase 2: GA awareness for drone operators.** www.sensefly.com



SATELLITE DATA ANALYTICS TO DETECT AND PREDICT WATER PIPELINE LEAKS IN AUSTRALIA

Rezatec is commencing an innovative project with Australian water and sewerage utility, **Unitywater**. This project aims to help Unitywater reduce water loss, improve operational efficiency and reduce below ground asset management costs. Unitywater provides water supply and sewerage services to customers located on the east coast of Australia, just north of Brisbane, Queensland. Its priority is to provide a fast-growing customer base with a high quality, safe and reliable

water supply and sewerage service that is economically and environmentally sustainable. As part of this approach, Unitywater is now trialling Rezatec's pipeline leakage detection satellite data analytics service on a 200km² area of the Sunshine Coast combining both rural and urban areas. The first phase of the project focuses on a retrospective analysis of actual leakage data and the second phase will be to accurately monitor and predict future pipeline leaks in a live trial. www.rezatec.com.

CADCORP GIS TO PUT WARRINGTON ON THE MAP

Following a competitive tender, **Warrington Borough Council** has awarded a contract to **Cadcorp** to centralise its **Geographic Information Systems (GIS)**. It will enable the council to better target services, with customers able to use the system to gain knowledge of the local area and to pin point issues and report them online. The new system will better connect the council and its customers by providing a consistent platform which is used by both staff and the public. It will also allow the council to explore future integration into other systems with a geographic component such as refuse collection and road closures. The Cadcorp web-based GIS Mapping Solution will consist of



Web Map Editor which will provide web-based editing capabilities to editors in the council. Web Map Layers will be used by both the general public and council staff who do not have editing requirements. www.cadcorp.com

HERMES® 450 SOARS DURING THE NORTH DAKOTA UAS FIELD DAY

Elbit Systems of America hosted an **Unmanned Aircraft Systems (UAS)** field day on August 22, at the Hillsboro Regional Airport to highlight its recent **HERMES® 450** flights over North Dakota. The event welcomed **Lt. Governor Drew Wrigley**, who served as Master of Ceremonies. Also attending were U.S. Sen. John Hoeven, R-N.D. and U.S. Rep. Kevin Cramer, R-N.D. "North Dakota has been called the "Silicon Valley of Drones" and it is our honor to bring the Hermes 450 to Traill County," said **Elbit Systems of America President and Chief Executive Officer Raanan Horowitz**. "Leveraging the

experience of our parent company with the commercial insights of our partners, we bring advanced technology to the farmland, demonstrating effective approaches for data collection." Equipped with advanced sensors and high resolution cameras, the Hermes 450 is capable of covering 40,000 acres in one hour and can remain in flight for 17 hours. www.elbitsystems-us.com



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FREE AUSTRALIA POSTCODE MAPS BY AUSTRALIAN CITY/ STATE

Caliper is excited to announce the release of 17 free postcode maps in PDF format. Population density, income, and postal boundaries are included for several states and cities in Australia. Postcodes are frequently used to create sales territories, manage franchises, visualize revenue, and explore target markets and demographics. They are a convenient and familiar geographic unit that easily link geography to information about individuals and businesses. All postcodes in Australia have four digits and are placed at the end of Australian addresses. The postcode maps were created with **Maptitude** mapping software, and are available for immediate use. For those that require postcode mapping beyond what a PDF can offer, Maptitude mapping software comes with over 700 fields of Census data for postal areas, suburbs, statistical areas, and urban areas. Maptitude also comes with a full suite of sophisticated yet intuitive mapping analysis tools. www.caliper.com

CARDNO PROVIDES SERVICES TO U.S. NORTHWEST LAW ENFORCEMENT AGENCIES

Cardno has released new technology designed to help reduce man-hours required to clear an accident scene. To document and map crime scenes today, law enforcement often requires the lanes where accidents occurred to be closed, often causing major traffic delays. In addition, Cardno's RPA platforms enable a more thorough 3D modeling and reconstruction of the accident, providing a much more detailed view of the event and surrounding scene. Using remote piloted aircraft (RPA) platforms, enables increased data collection, suggesting the best way to clear the scene and help turn a several-hour closure for accident documentation into less than 30 minutes. "One of the biggest advantages of the new system is our ability to arrive on a scene, deploy our UAV and in minutes, have the results we need," said **Renton (WA) Police Department Commander Chad Karlewicz**. www.cardno.com.



MOUNTJOY IMPLEMENTS CTRACK ADVANCED VEHICLE TRACKING SOLUTION

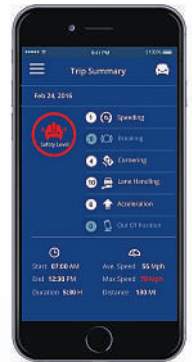
Mountjoy has adopted **Ctrack Online** to monitor a fleet of almost 140 vans, used by its team of tradesmen, to better manage resources and ensure that the vehicles are being driven responsibly. The company chose to adopt Ctrack Online across a newly-procured fleet of vans based on added usability and functionality of the system. In particular, the bespoke reporting package, including automated scheduling and distribution, will provide an effective means of

sharing data with different areas of the business. Mountjoy's mobile team is made up of a range of different tradesman. With this in mind, the tracking system has been set up to colour different trades, so that resource planners can easily identify the nearest and most appropriate vehicle for any reactive maintenance job. As a result, the company is looking to minimise customer response times, while reducing mileage to improve fleet efficiency. www.ctrack.co.uk

TELEMATICS PRO JOINS GREENROAD'S NEW RESELLER PARTNER PROGRAMME

Independent consultancy **Telematics Pro** is partnering with **GreenRoad Technologies** after being impressed with its latest innovation – an app that modifies driver behaviour and improves fleet management. **GreenRoad Mobile** acts as a 'coach in the cab' alerting drivers when they undertake risky manoeuvres such as harsh braking, swerving, or sudden acceleration, by monitoring 150 different vehicle movements. The consultancy, which covers Bedfordshire, Buckinghamshire, Hertfordshire, Northamptonshire and surrounding areas, has joined GreenRoad's new reseller partner programme. Telematics Pro is a new company that advises businesses on how to improve

driver safety, increase productivity, manage fuel and running costs, with an emphasis on using telematics to achieve these goals. Fleets using GreenRoad's driver behaviour solution have seen dramatic drops in risky driving behaviours; falls of around 35% in accident-related costs, lower insurance costs and cuts in fuel costs of up to 15%. www.greenroad.com



KELVIN HUGHES LAUNCHES NEW RANGE OF RADAR SYSTEMS FOR COMMERCIAL SHIPPING

Kelvin Hughes is delighted to announce the launch of a new range of radar systems for commercial shipping based on its innovative, solid-state **SharpEye™** technology. SharpEye™, with its Doppler processing of the radar returns, has taken situational awareness to a new level with its ability to detect more targets, at longer ranges, than conventional, magnetron-based radar systems. Delivering improvements in sub-clutter visibility of approximately 30dB, SharpEye™ can detect targets with a low Radar Cross Section (RCS), typically 0.5m², without any picture degradation even in adverse weather

conditions. **Spike Hughes, Kelvin Hughes' Sales and Marketing Director,**

commented: "Kelvin Hughes has long been at the forefront of navigation radar for the world's commercial shipping fleet. We're confident that our new range of products – combining state-of-the-art technology with affordability – will keep us in that position in the years to come." www.kelvinhughes.com





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