



Supplier Newsline

Magellan re-enters GIS market

Magellan, a pioneering GPS brand, is re-entering the GIS market with the eXplorist Pro 10, a rugged, lightweight and waterproof GPS handheld device specifically designed for GPS/GIS data collection.

Featuring a vibrant 3", WQVGA transfective color touchscreen, 533MHz processor and 128MB RAM, the eXplorist Pro 10 packs the power needed to work with maps and large data sets into a compact-handheld form factor. It comes with 4GB of onboard storage and is expandable with up to 32GB via MicroSDHC card slot, enabling large data sets such as aerial photos to be loaded easily.

With its rugged IPX-7 waterproof casing, the lightweight eXplorist Pro 10 is said to be the ideal GIS data collection handheld device for GIS professionals seeking to collect GPS/GIS data. The Pro 10 can deliver three to five metres accuracy in real-time using its internal GPS receiver or work with a supported Bluetooth enabled GPS receiver to achieve sub-metre or one to three metre accuracy.

Added features to help record data include a built-in 3.2 mega-pixel camera to capture geotagged photos and video, and an on-board voice recorder to enable hands-free note taking. The Pro 10 also includes a 3D compass, pressure altimeter and barometer. It can run up 15 hours on two standard AA batteries.

www.magellangps.com

B.C. pilot project shoots for more efficient harvesting plan approvals

A continuing pilot project in Mackenzie, British Columbia may result in new standards for a faster, more efficient log harvesting plan approval process.

Streamlining approval processes was one of the stated purposes for the comprehensive redirection of the B.C. Ministry of Forests and Range in 2010.

What emerged is called the Ministry of Forests, Lands and Natural Resources Operations. One of the ideas behind the reorganization from the forest industry's point of view was that a logging company or contractor could have a simpler time navigating permitting issues where all natural resource industries are represented and following the same basic procedures. The planned objective was to eliminate the time consuming—and frustrating—process of duplication that dogged the previous permitting process.

The pilot project being pioneered in Mackenzie began in the spring of 2011 and is slated to last a year, says Bruce Armstrong, operations manager for the Ministry of Forests, Lands and Natural Resources Operations, Mackenzie Forest District.

“We’re in the implementation stage and industry seems really supportive and pleased to be part of it,” he adds. There’s more emphasis with the new approach on the submitter—the forest industry—taking ownership in the permit application and expedited process, explains Armstrong.

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It's based upon an industry professional dealing with a ministry professional, he summarizes. "The standards are clear for cutting permits and we still do the review to make sure those standards are met." Anecdotal evidence indicates the new approach is considerably helping speed up the permit approval application process in Mackenzie.

"We'll be capturing data all along during the pilot project to share with our executive and senior managers," continues Armstrong. He notes reviews and assessments about how the new approach is working need to be communicated from the front line in Mackenzie up the chains of command and responsibility within both industry and ministry.

It remains speculative how the pilot project's results might be implemented. It could be anything from province-wide to its introduction into a few more individual forest districts around the province. "But I think the pilot project is showing some hopeful signs," reckons Armstrong. "I think we're moving in a good direction."

Larson Electronics produces extendable hazardous area light tower

Larson Electronics' Magnalight.com is producing a new line of light towers designed to improve ease of deployment and fixture mobility.

Rated Class 1, Division 2 for use in hazardous locations, the HAL-2X400MCE extendable light tower incorporates an innovative tilting base design that allows operators to safely extend the unit to its full height with less effort than usually needed with traditional towers. Two 400 watt metal halide lamps provide 50,000 square feet of coverage and the wheeled tower base allows users to easily move this fixture about the workplace.

This hazardous location light tower can be extended to 8' for maximum coverage and collapsed to 5' for easy transport.

An innovative tilting base design allows the user to tilt the unit back while extending the tower to its full height, set the lock pin, and then tilt it fully upright for secure placement.

The 39" by 35" wheeled base provides full stability when deployed to its full height, yet still allows the user to simply roll the unit into the desired position in the workspace.

www.Magnalight.com

BRUKS focuses on processing biomass for energy

The BRUKS Group, a leading supplier of processing and handling equipment for wood products, is focusing this year on the increased interest and demand for high capacity processing of biomass for energy generation.

The combined product blend of all BRUKS divisions has a market-leading capability to offer complete turnkey material handling and wood processing solutions.

The surging demand for biomass as fuel for power generation has led to an increasing demand for high-capacity processing equipment. BRUKS has taken a leading position on grinding wood to either the raw material for producing pellets or fine grinding biomass to powder, suitable for co-firing with coal or total substitution.



BRUKS has further developed proven equipment to meet high capacity requirements and can offer these machines as core equipment. Paired with all other needed processing and handling equipment, BRUKS is in a position to deliver a complete turnkey system.

Other proven key components from BRUKS are drum and disc chippers, bark and waste wood hogs, bed dryers for chips, screening equipment and the unique Tubulator conveyor.

www.bruks.com

New Cat dozers have reduced operating costs

New D6T, D7E and D8T model dozers from Caterpillar build on the solid, proven designs of their predecessors with new features that increase fuel-efficiency and productivity while reducing operating costs.

The Cat D6T is engineered for day-in/day-out demanding work. Standard electro-hydraulic controls improve precision and response and facilitate installation of the Cat AccuGrade machine control and guidance system, which saves fuel and time by helping operators attain specified grades in fewer passes.

A new steering tiller, similar to that in the D7E, provides the convenience of a forward-reverse rocker switch, thumb wheel control for ground-speed and carry-speed button, which allows engaging a pre-set speed for carrying a loaded blade.

The Cat D7E remains among the most innovative track-type-tractors available, featuring a diesel/electric drive system for unprecedented efficiency and productivity. D7E users are experiencing superior reliability and fuel efficiency on their own jobsites—often even better than the 10 to 30 per cent fuel advantage over the D7RII as measured in production studies.

The new D7E features an Eco Reverse mode for even greater fuel efficiency, and a dual tilt blade option can improve dozing productivity.

The new D8T builds on a reputation of exceptional quality and performance, retaining such premium features as differential steering for infinitely variable turning control with full power to both tracks and a suspended undercarriage for optimum traction in uneven terrain. Additional new performance-enhancing, cost-reducing features include an Enhanced Auto-Shift system that can reduce fuel consumption as much as six percent in certain applications.

www.cat.com

CBI brings in-the-woods chipping to a whole new level

Adding to their line of one of industry's most productive and reliable portable grinders and chippers, CBI has introduced the Magnum Force disc chipper 754 and the Flail 604 debarker/delimiter.



This integrated, high-capacity chipping system was designed specifically for logging contractors who want to maximize throughput, minimize downtime, increase production, and lower operating costs.

The Magnum Force Flail 604 is a 4-roll flail design that has been engineered for the highest volume debarking while reducing fibre loss, chain wear, and fuel consumption. A completely-enclosed system with no exposed drive components provides for substantial containment of debris while drastically reducing maintenance and fire hazards. Full width, large diameter feed rolls ensure continuous positive feed and provide the highest throughput available—150-plus tons per hour. An extra-long, hydraulic debris removal push ram is heavily supported by framework to ensure proper alignment and extend the life of the hydraulic cylinders. The large capacity, field-proven Tigercat loader allows more wood per grapple and remotely controls both the chipper and flail from the cab.

CBI's disc chipper 754 uses a 4-knife, 75" disc chipper built by Fulghum Industries, has a large 26" feed opening, and is designed to move the flail in the field. The chip discharge chute is remote operated, camera monitored, and folds hydraulically for transport. To reduce landing costs, the trash separator and bark pusher both discharge on the opposite side of the chip discharge, allowing a trailer to park parallel with the chip system while being loaded. The bark discharge system is designed to eliminate carryover, enabling the highest quality chips at unprecedented production levels. Chip sizes from 3/8" to 1" are available.

www.cbi-inc.com