METZCOMM Services

RADAR Daily Report: BUDGE Slide – Jackson, Wyoming

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DATE Thursday, June 12th, 2014 **Ibis Unit0 – budgeslide**

Operating Status	Project Start Time = 19:35 Scan Time (per) 5 min. Cell Charge State = 100% Voltage = 12.0 Site TEMP (F) 71 @19:00
Operating Issues	**AC Connected**
Hazard Maps	**N/A**
Alerts	**N/A**
Ops. Comment	**On Spec. Deployment**
Geo-code Info.	**Lat Long: 43.47028 -110.77770 | Elevation: 6,236 | Bearing: 231**

Jackson, WY. -- METZCOMM Services, with support from IDSNA, set-up an IBIS-FM interferometric radar scanning device near the Budge Slide location on June 13, 2014.

Following a series of discussions with local contacts over the last few weeks, we engaged in efforts to support the ongoing discussion of current technology, possibe data monitoring and or allied data management with local interests, agencies and event contractors.

The radar remains onsite through the presentation on the Budge and Oso slides at the next geologist's club meeting - http://geologistsofjacksonhole.org/GofJHRevB/Welcome.html, 6/17/2014.

Fig. 1: IBIS-FM unit scanning across the valley towards the Gros Ventre Butte. Data returns have good coherence and information is being collated every 5 minutes (1 scan). Following the completion of two scans, displacements are recorded and plotted against time. Scanning began about 19:00 Thursday evening.

See Disclaimer Page 2

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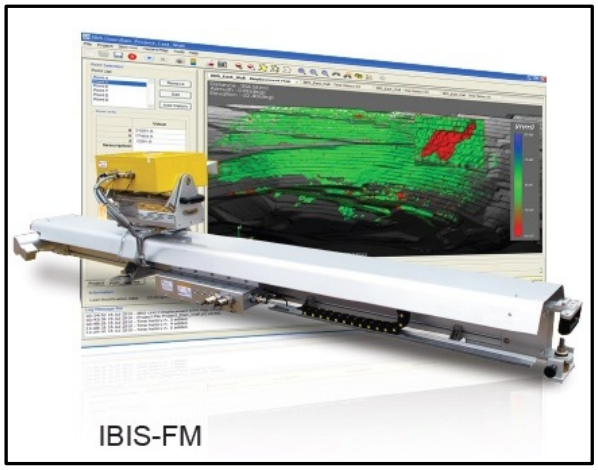
Availability
Avl. To Scan = 1
Service = 0
Site = 0

Site scanning availability this week = 100%. Availability includes consideration of annual service and site issues.

Fig. 2: Cliff and Jason read-in the coordinates at the radar position. Data is geocoded and can be associated with other datasets. Guardian software allows the inclusion of point data from other instruments. The current project scan area includes the slide area from the rooftop of Walgreens, to the peak of Gros Ventre Butte.



IBIS – F Series -- At civil sites or in open-pit mines slope failure can occur with little or no warning. In view of this situation, IDS developed a unique radar system – IBIS-F Series - capable of:

Continuously measuring wall/slope movements with sub-millimeter accuracy from distances up to 13,100 feet;

Providing reliable early warning alerts for progressive wall/slope movements than can potentially lead to failure;

Mapping the long term evolution of slow moving slopes.