

IDS GEORADAR DEEP CAREER BOARDS APPLICATION OF IBIS-ARCSAR GEORADAR TECHNOLOGY AND ACHIEVING ECONOMIC EFFICIENCY (EXAMPLE OF MURUNTOV GOLD MINE)

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ANNOTATION

IDS Georadar's unique experience in rock monitoring radars has once again revolutionized the development of a new generation radar system based on ArcSAR technology. The IBIS-ArcSAR is designed for rapid startup, reliable response to the highest safety standards and reliable risk management. Whether it is tactical or strategic monitoring, IBIS ArcSAR provides unmatched flexibility and efficiency to make important decisions.

Keywords: IDS georadar, slope, monitor, radar, ArcSAR technology, generation radar, IBIS-ArcSAR, standard, tactical and strategic monitor, efficiency.

INTRODUCTION

IBIS-ArcSAR is also the first real 3D synthetic diaphragm radar with a multichannable antenna and automatic digital ground mapping feature. The system uses a built-in high-resolution panoramic camera that provides real-time image of the sides and immediate viewing of hazardous areas. The quality of the data is guaranteed by the advanced algorithm for automatic weather fixing. IBIS-ArcSAR is the first and only cone radar that is 360 degrees Fahrenheit [360°C]. The system has the longest distance (5000 m) and the fastest scan time (40 seconds 360°, 180°C in 20 seconds) also provides an integrated GNSS receiver for an automatic data geomagram. 10 million pixels of spectacular spatial dimensions, even at long distances, establish new standards for important area monitoring covering the entire spectrum, from barrier disruptions to full-panel shifts. The Guardian is able to significantly expand the signal coverage of multiple IBIS radars to take advantage of the unique capabilities of IIBIS-ArcSAR TrueVector's rich geotechnical instrument set, which is continuously integrated into the FPM360 environment.

FPM360 Full Integration with TrueVector Integrate Radar and General Station Data, as well as Slow Motion Analysis Tools into one flexible platform without investing in additional software. Maximum flexibility and maximum spatial access for maximum flexibility and performance in all application scenarios: long and shorter distances, long walls and scanning times monitor the overgrowths beyond the depths that are in seconds. Hybrid power supply from an integrated diesel generator, solar panels and an optional wind generator significantly reduces fuel consumption and maintenance costs, diesel generator service.

Minimum mobility parts and low height ensure reliable operation in all harsh environments and climatic conditions. Early detection of slow offsets, automatic data integration from general stations and GNSS recipients, and geotechnical analysis of advanced tools. Improved data interpretation with HD quality images. GNSS receiver installed for automatic georeference of data. Building a digital land model in real time. The most advanced weather repair algorithm on the market provides the cleanest and most accurate information for timely, real-

time alerts without user intervention. In real time, the data is available after the second scan.



FEATURES

- Performance range: up to 5000m
- Scanning angle: horizontal 360°, vertical 120°
- Scan time: 40 seconds 360°, 20 seconds 180°.
- Permission: 10 million pixels full coverage.
- Interred solar panels, diesel generators and an optional wind turbine.
- 3D SAR1 relief with automatic digital model generation.
- HD camera mounted on rotating sensor.
- Built-in GNSS recipient.
- For all weather conditions and temperatures.
- Full remote control and optimized file size.
- Flexible notification settings according to multiple criteria.
- Data processing and notifications.
- The ability to export geo-referenced data to cones planning applications.
- Data integration on FPM360 Truevector



CONCLUSION

In the open-air extraction of the Muruntog deposit, a study of the technology of the formation of internal aggression shows, The resulting embryo was allowed to develop in nutrients and then inserted into her womb, where it implanted. Analyzing technical research, it became clear that the mountains of the foundations of the aggression were mountains with various engineering geological characteristics. This can be said by another factor that one aggression can spill on a basis of different foundations. The resulting embryo was allowed to develop in nutrients and then inserted into her womb, where it implanted. Such a solution generally reduces the height of the overthrow and leads to a complete disuse of its potential insurance. Observing geomechanical research in the Muruntog deposit showed that the main cause of deformation was that the preservative nature of the foundation did not correspond to the height of the overthrow. To assist individuals desiring to benefit the worldwide work of Jehovah's Witnesses through some form of charitable giving, a brochure entitled Charitable Planning to Benefit Kingdom Service Worldwide has been published. The characteristics of mountain ranges in the Muruntog career aggregates allow recycling plants to review them as sources of raw materials, while the distribution of the amount in technological masses can be summarized as a complex structure of the amount and the formation of zones for increasing quantities.

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