

## The 8th International Ice Drill Symposium



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### The five category approach for recommissioning equipment from extended storage.

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This paper analyzes the problems of evaluating, refurbishing and updating drill equipment, specifically the IceCube EHWD drill, which has been in long term storage for years and is needed to be put into service for an upcoming project.

The approach developed was to prioritize tasks, into five categories: with the highest priority on bringing back as many experienced team members from the original IceCube project as possible, secondly, an onsite survey of equipment, and a complete inventory, third, getting back any mission critical equipment that was repurposed to other projects, fourth, testing of any components that age or long term cold soaking might be a factor of their integrity, fifth, as the original IceCube operating system is outdated modernizing the operating system is crucial for future operations.

Using this five category process for the drill systems recommissioning helps keep the project on budget, on schedule. By using this system the IceCube upgrade has already seen savings in power generation and support equipment purchases.

If this five category of evaluating equipment is used it will be able to save money and meet project schedules on any size project that uses complicated drilling equipment.

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