

First Results of Imaging, Super Stereo, and Other Upgrades on the Kodiak Radar

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In May, 2008, digital receivers were installed at the Kodiak Island radar. These receivers complete a series of upgrades that include radar imaging capabilities, direct digital synthesis (DDS) up-converters, a new timing signal system, a new digital input/output (DIO) system, and a new GPS synchronization system. This presentation will discuss these upgrades and some of the new research capabilities of the radar. Some preliminary observations and radar images will also be presented.