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NONLINEAR ALFVÉN WAVES IN INTERPLANETARY SPACE

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The properties of Alfvén waves detected in both high-speed and slow-speed streams as detected by Ulysses will be reviewed. The waves are nonlinear with $\Delta\vec{B}/B_0 \approx 1$ to 2 and are often arc-polarized and phase-steepened. Computer simulations will be used to investigate the phase-steepening and dissipation processes.

Abstracts to be submitted on or before January 7, 2000 to Copernicus Office with copy to appropriate Main Scientific Organizer:

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