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hydromagnetic wave spectrum, a hydromagnetic reflection ... For both waves, the propagation vector is in the plane of the figure. In the fast mode, the current is entirely horizontal. The wave magnetic field lies in the plane ... Hydromagnetic Waves and the Ionosphere ...

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event show a marked change from near isotropy to rounded, peaking at 900â€¢ This correlation sug- ... F-layer duct propagation of hydromagnetic waves in the polar cap ionosphere R. R. HEAcOCK Geophysical Institute ... direction of wave propagation, consistent with the prediction of Greifinger and Greifinger (1968).

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Wave magneticâ€¢field measurements indicate that transfer of power from the 1â€¢MW, 8.3â€¢Mc oscillator to the hydromagnetic wave is about 65% efficient, and that more than 90% of the wave energy is transferred out of the wave at the resonance region.

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