CURRENT PROFILES OBSERVED DURING THE FRONTS EXPERIMENT

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During winter 1980, as part of the FRONTS experiment, an acoustic Doppler sonar system was used to measure profiles of vertical shear of horizontal ocean velocities in the vicinity of the North Pacific subtropical front. The system records current velocities at depths to 150 m, at depth intervals of 6.5 m. Preliminary analyses of velocity profiles near surface temperature fronts will be discussed.