



Near-Real Time Quality Control of surface current maps from High-Frequency (HF) radars

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A method for real-time quality control and despiking of sea surface current maps from High-Frequency (HF) SeaSonde radars based on the Signal-to-Noise ratios of the Doppler velocities from individual radar stations is proposed and discussed. Benefits of using a conservative weighted least-squares versus a more traditional least-squares approach for the total vector derivation are demonstrated on a network of radars operating in the Northern Adriatic Sea