

Geophysical Research Abstracts,
Vol. 10, EGU2008-A-12240, 2008
SRef-ID: 1607-7962/gra/EGU2008-A-12240
EGU General Assembly 2008
© Author(s) 2008



Utilising the Liverpool Bay Coastal Observatory for uncertainty estimates

I. Andreu-Burillo, M.J. Howarth, **R. Proctor**

Proudman Oceanographic Laboratory, 6 Brownlow Street, Liverpool, L3 5DA, UK

A Coastal Observatory has been operating since August 2002 in Liverpool Bay, Irish Sea. Its four main measurement strands - fixed point time series (both in situ and shore-based), regular spatial water column surveys, HF radar for surface currents and waves, and an instrumented ferry - each addresses a different space or time scale. Optimisation of the data measurement array is one of the observatory aims. Some of the errors and uncertainties of the different methods, and how they can be utilised by operational models, will be considered with emphasis on the value of the HF radar system.