## Robin Newman – EMU Limited – Practical Experiences of Commercial Dye Tracing Surveys



Practical Experiences of Commercial Coastal Dye Tracing Surveys

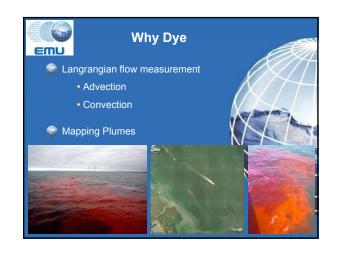
Presented by EMU Limited Oceanography

Robin Newman







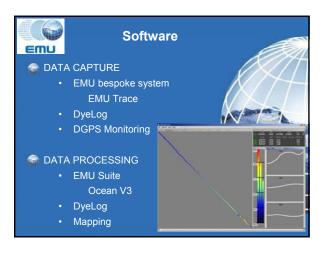






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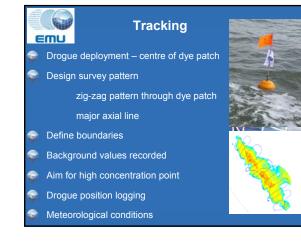


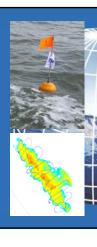
- Existing outfall discharges
- Seabed release
- Pumped

Selected by relevance to study

- Modelling proposed outfall
- Mapping effluent from existing outfall
- Monitoring for leaks in pipelines
- · Complex stratified water columns









- **Data Processing**
- Apply calibration coefficients
- Remove background fluorescence
- De-spike fluorescence & positional data
- Apply current correction
- Produce instantaneous dye patch



