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| **World Meteorological Organization &****Intergovernmental Oceanographic Commission (of UNESCO)****Port Metereological Officers Training Workshop Sixth Session**, Virtual Session, 16 and 18 March 2021 | Image result for ioc logo unesco**PMO-6/Doc. 5.1.0** |
| Submitted by:David Berry26.02.2021**DRAFT 1** |

**AGENDA ITEM 5.0: VOS Metadata Requirements**

**AGENDA ITEM 5.1: Why? The Importance of collection and recording accurate metadata.**

# SUMMARY

### Dr David Berry (UK National Oceanography Centre, Vice Chair Ship Observations Team) gave a presentation on the importance of collecting and recording accurate instrumental metadata. The importance was highlighted through example uses of the metadata, including: homogenization of the observations (air temperature, wind speed, humidity) to a common reference height, taking into account the growth in ship size; detection and removal of systematic biases; characterisation of observational noise and uncertainty; and the quality control and imputation of missing values within the metadata itself.