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| **6th International port meteorological officers training workshop** |
| **Tuesday 16th March 2021****Day 1: 15:00 – 17:40 UTC** **Teams Meeting connection:** [Click here to join the meeting](https://teams.microsoft.com/l/meetup-join/19%3Ameeting_NWJjMWZkYzUtZDIxNy00N2VjLWE2ZDQtODAyOWU4NTUyYTk2%40thread.v2/0?context=%7b%22Tid%22%3a%22eaa6be54-4687-40c4-9827-c044bd8e8d3c%22%2c%22Oid%22%3a%224a82e38a-957a-410d-b619-5a28fcbc3224%22%7d) or use the link below**https://teams.microsoft.com/l/meetup-join/19%3ameeting\_NWJjMWZkYzUtZDIxNy00N2VjLWE2ZDQtODAyOWU4NTUyYTk2%40thread.v2/0?context=%7b%22Tid%22%3a%22eaa6be54-4687-40c4-9827-c044bd8e8d3c%22%2c%22Oid%22%3a%224a82e38a-957a-410d-b619-5a28fcbc3224%22%7d** | **Presenter** | **Rapporteur** |
| **15:00-15:10 UTC** | 1. **Opening Day 1**

Opening Remarks from SOT Chair (*Darin Figurskey*)Opening remarks from WMO and virtual meeting instructions (*Champika Gallage*) |  |  |
| **15:10-15:20 UTC** | 1. **VOS Overview**

History of the VOS Scheme Details of the current fleetUsers of the data | Henry Kleta |  |
| **15:20-15:40 UTC** | 1. **PMO Duties**

Overview of the roleBest Practice guidesRemote barometer checks | Mardene de Villiers |  |
| **15:40-16:00 UTC** | 1. **OCEANOPS**

OCEANOPS Dashboard (demonstration)VOS Metadata database (demonstration) | Martin Kramp |  |
| **5 minute break** |
| 1. **VOS Metadata Requirements**
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| **16:05-16:15 UTC** | **5.1 Why?**The importance of collecting and recording accurate metadataWho uses this data? | Dave Berry/Shaun Smith |  |
| **16:15-16:30 UTC** | **5.2 What?**WIGOS Metadata requirementsWhat to record and where to find itVOS Classes | Emma Steventon |  |
| **16:30-16:50 UTC** | **5.3 How & Where?**Where to record VOS metadataHow to maintain up-to-date records | Martin Kramp |  |
| **16:50-17:05 UTC** | 1. **SOT-IDs**
 | Martin Kramp |  |
| **17:05-17:20 UTC** | 1. **PMO Resources**

VOS WebsiteTurbowin+ User GuideOcean Best Practices System (OBPS)QC Tools / QC Relay | Joel Cabrie |  |
|  | 1. **Other Programme Activities**
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| **17:20-17:30 UTC** | * 1. **DBCP Activities**

Support from PMOs | Rick Lumpkin/Long Jiang |  |
| **17:30-17:40 UTC** | * 1. **SOOP Activities**

Overview of SOOPactivities, objectives, requirements, etc. | Francis Bringas |  |
| **Thursday 18th March 2021****Day 2: 17:00 – 19:30 UTC** **Teams Meeting connection:** [Click here to join the meeting](https://teams.microsoft.com/l/meetup-join/19%3Ameeting_NDFhM2ZiODQtOGJjYS00ZmI1LTgxMDgtMzJiODIzYjAwNzI0%40thread.v2/0?context=%7b%22Tid%22%3a%22eaa6be54-4687-40c4-9827-c044bd8e8d3c%22%2c%22Oid%22%3a%224a82e38a-957a-410d-b619-5a28fcbc3224%22%7d) or use the link below**https://teams.microsoft.com/l/meetup-join/19%3ameeting\_NDFhM2ZiODQtOGJjYS00ZmI1LTgxMDgtMzJiODIzYjAwNzI0%40thread.v2/0?context=%7b%22Tid%22%3a%22eaa6be54-4687-40c4-9827-c044bd8e8d3c%22%2c%22Oid%22%3a%224a82e38a-957a-410d-b619-5a28fcbc3224%22%7d** | **Presenter** | **Rapporteur** |
| **17:00-17:05 UTC** | **9. Opening Day 2**Virtual meeting instructions | Champika Gallage |  |
| **17:05-1715 UTC** | 1. **Turbowin Overview**

Introduction to Turbowin+Summary of functions | Henry Kleta |  |
| 1. **Turbowin+ Use Cases**

*Demonstrations from various users of different Turbowin+ configurations* |
| **17:15-17:40 UTC** | **11.1 Manual Observations (UK VOS Fleet)**Basic operation of Turbowin+ with ship's-own or NMHS-supplied instrumentation | Adam Ryan (UK) |  |
| **17:40-18:00 UTC** | **11.2 Automated Pressure/Temperature Reports (APTR) (Australian VOS Fleet)**Turbowin+ interfaced with Vaisala instrumentation and configured to automatically output observations via email | Joel Cabrie |  |
| **5 minute break** |
| **18:05-18:30 UTC** | **11.3 Auto-EMOS (US VOS Fleet)**Turbowin+ interfaced with Mintaka instrumentation  | Jim Luciani |  |
| **18:30-18:50 UTC** | **11.4 European Common AWS (EUCAWS)**Turbowin+ interfaced with EUCAWS Automatic Weather Station  | Jean-Baptiste Cohuet / Matthias Hoigt |  |
| 1. **Sea Ice Observations**
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| **19:05-19:15 UTC** | **12.1 Ocean Prediction Centre (NOAA)**Services | Kevin Berberich |  |
| **18:50-19:05 UTC** | **12.2 Global Cryosphere Watch (GCW)**Sea Ice observations and IceWatch | Petra Heil |  |
| **19:15-19:25 UTC** | **12.3 Reporting Sea Ice with Turbowin+**How to report sea ice observations | Karolin Eichler  |  |
| **19:25-19:30 UTC** | 1. **Closing remarks from VOS Chair**

Support for PMOs (PMO Buddies, Ship-TC, VOS Chair) | Henry Kleta |  |