

## Submarine Air Monitoring and Air Purification 2015



# **Agenda**

#### **Monday 5 October**

12.00 - 17.00 registration

1800 – 2100 Ice breaker – more details to follow

#### **Tuesday 6 October 2015**

08.00-09.00 Coffee and registration

09.00-09.15 Welcome by Captain Amerlaan, head of submarine flotilla

09.15- 0930 Opening by Wally Mazurek and introduction of delegates

09.30-10.30 Key Developments in SAMAP over the past 20 years – W Mazurek

10.30-11.00 Coffee break

11.00 – 11.30 Operational use of the air quality monitor –Tom Limero/Paul Mudgett

11.30 – 12.00 Results of a Long-Term Demonstration of an Optical Multi-Gas Monitor on ISS – Paul Mudgett/Jeffery Pilgrim

12.00 - 13.00 Lunch

13.00 - 13.30 Real-Time Monitoring of Volatile Organic Compounds in Submarine Air by Chemical Ionisation Mass Spectrometry – Julien Leprovost/Elsa Bauchard/Joël Lemaire/Michel Henninger/Fabrice Arsac/Corninne Grégoire

13.30 – 14 00 Post Fire Monitoring – Hilary Bollan

14.00 - 14.30 Parameters that are known to influence the PAH Emissions Profile from Diesel Engines – Michael Leist

14.30 – 15.00 Diesel particulates and possible cognitive effects – William Gan?

15.00 – 15.30 Tea Break

15.30 – 16.00 Diesel ventilation by Gareth Toft

16.00 – 16.30 Wrap up for the day

1800 – 2100 Indonesian Rice Table at the hotel



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### Wednesday 7 October 2015

08.00-09.00 Coffee

09.00-09.15 Welcome by Host

09.15- 0930 Opening by Wally Mazurek

09.30-10.00 New Life Support System – Willigert Raatschen

10.00-10.30 Coffee break.

10.30 – 11.00 Air purification on Walrus Class by Jos Bogaert

11.00 – 11.30 CO2 Trials on Walruss Class Submarine – Toon Marien

11.30 – 12.00 Integrated Atmosphere Management – Peter Row

12.00 - 13.00 Lunch

13.00 - 13.15 Bus to Naval Museum

13.30 – 17 00 Excursion

No Evening Program















### Submarine Air Monitoring and Air Purification 2015



### **Thursday 8 October 2015**

08.00-09.00 Coffee

09.00-09.15 Welcome by Host

09.15- 0930 Opening by Wally Mazurek

09.30-10.00 Ben Bishop

10.00-10.30 Coffee break.

10.30 – 11.00 Naval Submarine Code on Air Purification – C Clark

11.00 - 11.30 CO2 MPCs for RAN - William Gan?

11.30 – 12.00 Monitoring for contaminants - Canada

12.00 - 13.00 Lunch

13.00 - 13.30 Non-Powered Oxygen Generators by A Goodall/M Leadbeater

13.30 – 14 00 CFD Modelling on Walrus CO2 scrubber – Lela Bakiu/Barend van der Giesen

14.00 – 14.30 CO2 Absorbent for High Pressure Applications – Tom Daley

15.00 - 15.30 Tea Break

15.30 – 16.00 Paper being verified

16.00 - 16.30 Closing Page

18.00 - 23.00 Bowling and indoor BBQ at the hotel with music from Billy Rock and the Gamblers











