PAP26 Input paper

Agenda item: 10.8

Authors: Chair and Vice Chair, VTS Committee

Draft Time Schedule and Topic Structure of 13th IALA VTS Symposium - Kuala Lumpur, Malaysia, 2016

# Summary

The IALA Council at its 55th session approved Malaysia’s proposal to organise the 13th IALA VTS Symposium in 2016 in Malaysia and inaugural meeting of the Symposium Steering Committee was held during the IMO Regional Forum on VTS, 1-4 October 2013 in Singapore.

General discussion in this inaugural meeting concluded that the VTS Committee Chair and Vice Chair should develop a draft time schedule and topic structure for consideration by PAP at their next meeting prior to circulation to Steering Committee members.

## Purpose of the document

This document contains;

* time schedule of the 12th VTS Symposium, Istanbul 2012,
* technical session titles considered/used at VTS2008 and VTS2012 and
* title proposals for the technical sessions of VTS2016

for the consideration by PAP at its 26th session.

# Action requested

The PAP is requested to;

1. review draft time schedule and topic structure of VTS2016 and
2. provide its comment and proposals.

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| **Time and Day** | **Monday, 8th August** | **Tuesday, 9th August** | **Wednesday, 10th August** | **Thursday, 11th August** | **Friday, 12th August** |
| 0900-1030 | ***Registration*** | ***Technical Session 2*** | ***Technical Session 6*** | ***Technical Session 10*** | **Conclusions and Recommendations** |
| 1030-1100 BREAK |  |  |  |  |  |
| 1100-1230 | Opening session | ***Technical Session 3*** | ***Technical Session 7*** | ***Technical Session 11*** | **Closing of Symposium** |
| 1230-1330 LUNCH |  |  |  |  |  |
| 1330-1500 | ***Technical Session 1*** | ***Technical Session 4*** | ***Technical Session 8*** | **Visit to VTS Centre** |  |
| 1500-1530 BREAK | **Exhibition opens** |  |  | **Exhibition closes** |  |
| 1530-1700 | ***TIME TO VIEW EXHIBITION*** | ***Technical Session 5*** | ***Technical Session 9*** | **Visit to VTS Centre** |  |
| **EVENING EVENT** | **Welcome Reception** | **Free evening** | **Drinks & finger buffet hosted by IALA Industrial Members** | **Symposium Dinner** |  |

**Suggested Session Titles for VTS2016**

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| **Session** | **Title / Notes** |
| **1** | **VTS – Where to from Here?**   * Forward looking, expertise and experience based, with a view to facilitating participants looking towards the future during the Symposium. |
| **2** | **From e-NavigationTest beds to Reality – the role of VTS?**   * Case studies, etc on the e-NAV test beds in place with a focus on the role of VTS in e-NAV achieving its objectives |
| **3** | **International Framework for VTS and National Regulatory Provisions**   * Focus on presentations looking at how contracting governments implement their obligations in domestic law and their experience with regards to |
| **4** | **Regional VTS – Where is this leading**   * The emerging adoption of VTS as a regional solution |
| **5** | **Zero Accident Campaign – Implications for VTS**   * Status and experiences to date and the importance of this campaign? |
| **6** | **The role of VTS in Incident Response**   * Case studies on the role of VTS in Incident Response and the implications for VTS |
| **7** | **The emerging role of VTS beyond its current boundaries**   * The emerging move to implement VTS to protect environmentally sensitive areas (eg polar regions, PSSA’s etc) and regionally in areas beyond territorial seas. |
| **8** | **Training and Competency – is the Shore lagging behind the Bridge?**   * The significance of ensuring competency and formal training and the recognised need for mandatory training, including determining what mandatory training for VTSOs means at the international level. * Accreditation of VTS training organization |
| **9** | **Portrayal and Situational Awareness**   * Portrayal is a rapidly emerging issue in VTS. Session should look for presentations that look at the interaction of portrayal and situational awareness by the VTSO |
| **10** | **Technology in VTS – What’s next?**   * Futuristic presentations on emerging technologies and possible solutions. * Equipment and software improvements |
| **11** | **Decision support tools in VTS**   * New developments * Real time and dynamic risk assessments |
| **12** | **Future trends and improvements in VTS Operations**   * Supporting role of VTS in security, law enforcement * Interaction with allied and other services |
| **13** | **Future navigation and VTS**   * The role of VTS in changing/new navigational trends   (This title also meet the USA proposal in C55 report) |
| **14** | **VTS experiences**   * Countries may share their VTS experiences under this title |
| **15** | **Exchange and management of data and information** |
| **16** | **VTS Communications, languages and SMCP** |

**VTS 2008 (Bergen, Norway)**

VTS – Its Role in Global Traffic Monitoring

On-going Legal Issues

Recruitment and Professional Competency

VTS and e-Navigation

Innovations and Improvements in VTS Operations

VTS – An Arctic Perspective

**2012 (INITIAL)**

From VTS to VTM

VTS – Responsibility and Accountability

Continuous Professional Development

VTS and e-Navigation

Advances in VTS Operations and Technology

VTS in polar waters

**2012 (AFTER FIRST COMMENTS)**

1. From VTS to VTM

2. VTS – Responsibility and Accountability

3. Continuous Professional Development

4. Next generation VTS

5. VTS in polar waters

6. Offshore structures and their impact on VTS / VTM

7. VTS beyond territorial waters

8. Use of decision support in VTS

9. Advances in Technology and their impact on VTS Operations

10. Risk Assessment / Formal Safety Assessment

**Technical Sessions - VTS2012, Istanbul, Turkey**

Technical Session 1 – The role of VTS in Maritime Domain Awareness (6 presentations x 20 min)

Technical Session 2 – The role of VTS operations in port / waterway efficiency (4 x 20)

Technical Session 3 – VTS beyond territorial seas and in polar regions (4 x 20)

Technical Session 4 – Future trends (4 x 20)

Technical Session 5 – VTS & e-Navigation (5 x 20)

Technical Session 6 – Information exchange & management (5 x 17)

Technical Session 7 – Innovations and Improvements in VTS Operations (4 x 20)

Technical Session 8 – VTS sensor and equipment improvements (5 x 17)

Technical Session 9 – Recruitment & professional competency (5 x 20)

Technical Session 10 – The role of VTS in reducing risk (4 x 20)

Technical Session 11 – Working towards mandatory VTS training & accreditation (5 x 17)

(Total: 11 technical sessions and 51 presentations)