**IALA Technical Committees – Draft 2013-03-29 (A3)**

| ***Committee*** | ***Focus*** | ***Goal / Strategy*** | ***Output*** |
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| **Technical Committee #1 – AtoN Systems** | | | |
|  | |  | [IALA Light and Vision Manual]  [IALA Short range AtoN Manual] |
| WG#1 – Design and risk analysis of AtoN systems | | Goal 1 |  |
|  | AtoN system design for channels and restricted waterways | G1/S1+S2 | IALA Recommendations & Guidelines  IALA Information Papers |
|  | Risk analysis tools – creation, use, licensing and legal | G1/S2 |
|  |  |  |  |
| WG#2 – Short range AtoN in e-Navigation | | Goal 1 |  |
|  | Light and Vision  Visual perception  Background lighting | G1/S1+S3 | IALA Recommendations & Guidelines |
|  | Short-range AtoN engineering  Lights  Radar  Buoy and beacon systems | G1/S1+S3 | IALA Recommendations & Guidelines  IALA Information Papers |
|  |  |  |  |
| WG#3 – AtoN guidance and training | | Goal 1, 3, 4 |  |
|  | Control of IALA guidance used in international instruments | G1/S1 | IALA Information Papers |
|  | WWA model courses | G3/S1+S2 | WWA model courses for AtoN except VTS |
|  | Marketing of IALA guidance | G4/S4 |  |
|  | IALA document organisation and format | G4/S4 |  |
|  |  |  |  |
| **Technical Committee #2 – e-Navigation and shore infrastructure** | | | |
|  | |  | [IALA AIS Manual]  [IALA e-Navigation Communications Manual] |
| WG#1 – Data modelling and message systems | | Goal 1 |  |
|  | AtoN data structure  S-100 registry | G1/S1+S3 | Coordination with IHO  Advice to IALA Secretariat on S-100  IALA Recommendations |
|  | Message structure for e-Nav including VDES | G1/S3 | IALA Recommendations |
|  | Maritime Service Portfolios, design and content | G1/S3 | IALA Recommendations & Guidelines |
|  |  |  |  |
| WG#2 – e-Navigation communications | | Goal 1 |  |
|  | VDES, satellite, WRCP | G1/S3 | IALA Recommendations  IALA Technical Standards  IALA AIS Technical Standards |
|  | AIS technology  ASM coordination and web hosting | G1/S3 |
|  | ITU planning and liaison, WRC | G1/S3 | ITU participation/strategy plan  IALA Information Papers  Coordination of IALA members |
|  |  |  |  |
| WG#3 – Shore technical infrastructure | | Goal 1, 2 |  |
|  | Shore infrastructure design | G1/S1+S3 and G2/S3 | IALA Information Papers  IALA Recommendations & Guidelines |
|  | Positioning and sensors | G1/S1+S3 and G2/S3 |
|  |  |  |  |
| **Technical Committee #3 – Future techniques and systems** | | | |
| WG#1 – Sea traffic systems | | Goal 2 |  |
|  | Data gathering and analysis | G2/S1 | IALA Information Papers  (Later) IALA Recommendations & Guidelines |
|  | Participation in test beds | G2/S1 |
|  | Effect on competent authorities | G2/S2 |
|  | Harmonisation policy and planning | G2/S3 |
|  | Sea traffic operations | G2/S2+S3 |
|  |  |  |  |
| WG#2 – Future AtoN systems | | Goal 1, 2 |  |
|  | Future technology and data exchange | G2/S2+S3 | IALA Information Papers  (Later) IALA Recommendations & Guidelines |
|  | Future AtoN systems | G1/S1 and G2/S2 |
|  | Polar navigation |  |
|  |  |  |  |
| Technical Committee #4 – Vessel traffic services | | | |
|  | |  | IALA VTS Manual |
| WG#1 – Operations | | Goal 1 |  |
|  | VTS operations | G1/S4 | IALA Recommendations & Guidelines |
|  | Inter-VTS operations | G1/S4 |
|  |  |  |  |
| WG#2 – Technology | | Goal 1 |  |
|  | VTS technology | G1/S4 | IALA Recommendations & Guidelines |
|  | Inter-VTS data exchange | G1/S4 (later G2/S3) |
|  |  |  |  |
| WG#3 – VTS training and marketing | | Goal 3 |  |
|  | Operator training | G3/S1 | IALA Recommendations & Guidelines |
|  | Deck officer training considerations | G3/S1 | IALA Information Papers |
|  | World VTS Guide | G3/S1 | IALA Web and IALA Manual |
|  | VTS model courses | G3/S1 | IALA Model courses for VTS |

**IALA Complementary Committees and Fora**

| ***Committee*** | ***Focus*** | ***Goal / Strategy*** | ***Output*** |
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| **Heritage Forum** | | | |
|  | |  | IALA Lighthouse Preservation Manual |
| WG – Preservation of structures and artefacts | |  |  |
|  |  |  | IALA Information papers  IALA Guidelines  Other? |
|  |  |  |
| WG – Ownership, public access, marketing | |  |
|  |  |  |
|  |  |  |
| **Industrial Members Committee** | | | |
| WG – Shore infrastructure for future systems | |  |  |
|  |  |  | Coordinated briefings to Technical Committees  Views to Secretariat for IMO meetings |
|  |  |  |  |
| WG – Bridge systems | |  |  |
|  |  |  | Coordinated briefings to Technical Committees  Views to Secretariat for IMO meetings |
|  |  |  |  |