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## ANNOTATED AGENDA FOR THE 6<sup>th</sup> AD-HOC WORKING GROUP ON THE DEVELOPMENT OF ELECTRONIC MONITORING PROGRAMME STANDARDS (WGEMS)

UPDATED: MARCH 2026

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**Date:** 13-14 April 2026

**Location:** Online

**Venue:** Zoom

**Time:** 12:00 – 16:00 (Seychelles time) daily

**Chairperson:** Dr. Don Bromhead, **Vice-chair:** Dr. Hilario Murua

1. **OPENING OF THE MEETING** (Chairperson)
2. **ADOPTION OF THE AGENDA AND ARRANGEMENTS FOR THE SESSION** (Chairperson)
  - IOTC-2026-WGEMS06-01a: Agenda for the 6<sup>th</sup> Ad-Hoc Working Group on the Development of Electronic Monitoring Programme Standards (WGEMS)
  - IOTC-2026-WGEMS06-01b: Annotated Agenda for the 6<sup>th</sup> Ad-Hoc Working Group on the Development of Electronic Monitoring Programme Standards (WGEMS)
  - IOTC-2026-WGEMS06-01b: List of documents for the 6<sup>th</sup> Ad-Hoc Working Group on the Development of Electronic Monitoring Programme Standards (WGEMS)
3. **DECISIONS OF THE COMMISSION RELATED TO THE WORK OF THE WGEMS**
  - 3.1. Any Relevant Outcomes from the 28<sup>th</sup> Session of the Scientific Committee
    - IOTC-2026-WGEMS06-04: Outcomes of the 28th Session of the Scientific Committee (Secretariat)
4. **THE IOTC REGIONAL OBSERVER SCHEME (ROS)** (IOTC Secretariat)
  - 4.1. Current projects related to Electronic Monitoring and Electronic Reporting (all)
  - 4.2. Revision of ROS programme standards (all)
5. **EM PROGRAMME/RESEARCH INITIATIVES IN IOTC** (Chairperson)
  - 5.1. Update on CPCs EMS pilot projects and Programmes
    - IOTC-2026-WGEMS06-06: Improving marine fisheries transparency through electronic monitoring in the United Republic of Tanzania (A. D. Mhukula)
    - IOTC-2026-WGEMS06-07: An update on electronic monitoring pilot in Kenya (B. Kiilu, E. Kimani, A. Nadal, D. Obiero, E. Fondo and R. Laplante)
    - IOTC-2026-WGEMS06-08: An update on electronic monitoring pilot in Seychelles (L. Gabriel)
  - 5.2. Update on EMS project/initiatives (EM data collection congruence, image recognition by artificial intelligence, EM record analysis software, etc.)
    - IOTC-2026-WGEMS06-05: The capability of electronic monitoring to measure logbook reporting performance and improve data for scientific analysis (T. Emery, R. Noreiga, M. Parsa, D. Bromhead and T. Timmiss)
    - IOTC-2026-WGEMS06-09: Employing an innovative underwater camera to improve electronic monitoring in the commercial Gulf of Mexico reef fish fishery (C. Neidig, M. Lee, G. Patrick and R. Schloesser)
    - IOTC-2026-WGEMS06-10: Testing and progressive integration of AI-assisted electronic monitoring in tropical tuna longline fisheries: operational feedback from La Réunion in the context of IOTC EMS objectives and DigiWaves (E. Geffroy)

- IOTC-2026-WGEMS06-12: Using deep learning to automate the detection of bird scaring lines on fishing vessels (D. Acharya, M. Saqib, C. Devine, C. Untiedt, L. R. Little, D. Wang and G. N. Tuck)
- IOTC-2026-WGEMS06-13: Deep learning methods applied to electronic monitoring data: automated catch event detection for longline fishing (M. Qiao, D. Wang, G. N. Tuck, L. R. Little, A. E. Punt and M. Gerner)
- IOTC-2026-WGEMS06-14: Fishing event detection and species classification using computer vision and artificial intelligence for electronic monitoring (M. Saqib, M. R. Khokher, Z. Yuan, B. Yan, D. Bearham, C. Devine, C. Untiedt, T. Cannard, K. Maguire, G. N. Tuck, L. R. Little and D. Wang)

**6. PLAN AND FUTURE MEETINGS** (Chairperson and Vice-chairperson)

6.1. tRFMO EM Harmonisation Update

- IOTC-2026-WGEMS06-11: Electronic Monitoring Minimum Standards Harmonization workshop report (FAO)

6.2. Updated roadmap to implement EM Programme in IOTC

6.3. Revision of the WG Program of Work (2027–2030)

- IOTC-2026-WGEMS06-03: WGEMS Programme of Work (2027 – 2030)

6.4. Next meetings

**7. OTHER BUSINESS**

- 7.1. Date and place of the 7th Session of the WGEMS (Chairperson and IOTC Secretariat)

**8. REVIEW OF THE DRAFT, AND ADOPTION OF THE REPORT OF THE 6<sup>TH</sup> SESSION OF THE WGEMS**