

1.8. PEŁNOMOCNIK REKTORA DS. NORMALIZACJI URZĄDZEŃ W TECHNICIE I GOSPODARCE MORSKIEJ

W okresie czasu objętym sprawozdaniem, Akademia Morska w Gdyni była członkiem trzech Komitetów Technicznych PKN:

- Nr 18 „Statki i technika morska”,
- Nr 177 „Projektowanie i produkcja uzbrojenia i sprzętu wojskowego”,
- Nr 230 „Małe statki”.

Ze względu na brak możliwości finansowania przez Uczelnię, wycofałem się z działalności w Grupie Doradczej Przewodniczącego Komitetu Technicznego Nr 8 ds. Statków i Techniki Morskiej Międzynarodowej Organizacji ds. Normalizacji (ISO TC8 AG).

Jako przedstawiciel AM w Gdyni, w 2011 roku opiniowałem i głosowałem w sprawie przyjęcia 134 norm i uchwał. Głosowania dotyczyły między innymi następujących norm Międzynarodowej Komisji Elektrotechnicznej (IEC), Międzynarodowej Organizacji ds. Normalizacji (ISO), Europejskiego Komitetu ds. Normalizacji (ICS) i Polskiego Komitetu Normalizacji (PKN):

1. Normy ISO:

- 1.1. ISO/DIS 13073-1 Ships and marine technology - Risk assessment on anti-fouling systems on ships - Part 1: Marine environmental risk assessment method of biocidally active substances used for anti-fouling systems on ships, 57 str.
- 1.2. ISO/CD 16145-1 Ships and marine technology — Protective coatings and inspection methods - Part 1: Dedicated sea water ballast tanks, 44 str.
- 1.3. ISO/CD 16145-2 Ships and marine technology — Protective coatings and inspection methods - Part 2: Void spaces, 43 str.
- 1.4. ISO/CD 16145-3 Ships and marine technology - Protective coatings and inspection methods - Part 3: Cargo oil tanks, 44 str.
- 1.5. ISO/DIS 6185-3 Inflatable boats - Part 3: Boats with a hull length less than 8 m with a motor rating of 15 kW and greater, 38 str.
- 1.6. ISO/FDIS 28005-2:2010 Security management systems for the supply chain - Electronic port clearance (EPC) - Part 2: Core data elements, 88 str.
- 1.7. ISO 6185-3 Small craft - Inflatable boats - Part 3: Boats with a hull length less than 8 m with a motor rating of 15 kW and greater, 38 str.
- 1.8. ISO/DIS 21487 Small craft - Permanently installed petrol and diesel fuel tanks, 14 str.
- 1.9. ISO/DIS 19292 Ships and marine technology - Life saving and fire protection – Point-type flame detectors for ships, 24 str.
- 1.10. ISO/DIS 30004 Ships and marine technology - Ship recycling management systems - Guidelines for the implementation of ISO 30000 (general guidelines on principles, systems and support techniques), 51 str.
- 1.11. ISO 10088 Small craft - Permanently installed fuel systems, 19 str.
- 1.12. ISO 16147 Small craft - Inboard diesel engines - Engine-mounted fuel and electrical components, 13 str.
- 1.13. ISO 7840 Small craft - Fire-resistant fuel hoses, 16 str.
- 1.14. ISO 8469 Small craft - Non-fire-resistant fuel hoses, 16 str.
- 1.15. ISO/IEC/IEEE DIS 80005-1 Cold ironing - Part 1: High Voltage Shore Connection (HVSC) Systems - General requirements, 79 str.

- 1.16. ISO/CD 16554 Ships and marine technology - Protecting marine ecosystem from underwater radiated noise - Measurement and reporting of underwater sound radiated from merchant ships, 24 str.
- 1.17. ISO/DIS 16437 Ships and marine technology - Lifesaving and fire protection - Atmospheric oil mist detectors, 49 str.
- 1.18. ISO/FDIS 6185-4 Inflatable boats - Part 4: Boats with a hull length of between 8 m and 24 m with a motor power rating of 15 kW and greater, 40 str.
- 1.19. ISO/CD 17357 Ships and marine technology - Floating pneumatic rubber fenders, 25 str.
- 1.20. ISO/DIS 11209 Ships and marine technology - Large yachts - Deck crane and access gangways strength requirements, 19 str.
- 1.21. ISO/DIS 14726 Ships and marine technology - Identification colours for the content of piping systems, 18 str.
- 1.22. ISO/CD 16548 Ships and marine technology - General guidance on emergency towing procedure, 36 str.
- 1.23. ISO/FDIS 28002:2011 Security management systems for the supply chain - Development of resilience in the supply chain - Requirements with guidance for use, 66 str.
- 1.24. ISO/DIS 11711-1 Ships and marine technology - Piping and machinery - Ballast water management system - Part 1: Discharge sampling apparatus, 11 str.
- 1.25. ISO/FDIS 13122 Ships and marine technology - Launching appliances for davit - launched life rafts, 18 str.
- 1.26. ISO FDIS 14409 Ships and marine technology - Ship launching air bags, 18 str.
- 1.27. ISO/CD 13643-1 Ships and marine technology - Manoeuvring of ships — Part 1: General concepts, quantities and test conditions, 44 str.
- 1.28. ISO/CD 13643-2 Ships and marine technology - Manoeuvring of ships - Part 2: Turning and yaw checking, 34 str.
- 1.29. ISO/CD 13643-3 Ships and marine technology - Manoeuvring of ships - Part 3: Yaw stability and steering, 27 str.
- 1.30. ISO/CD 13643-4 Ships and marine technology - Manoeuvring of ships - Part 4: Stopping, acceleration, traversing, 17 str.
- 1.31. ISO/CD 16425 Ships and marine technology - Installation guideline for ship communication network of improving communication for shipboard equipment and systems, 36 str.
2. Normy IEC
 - 2.1. IEC 62613-2 Ed. 1 Plugs socket-outlets, ship connectors and ship inlets for high-voltage shore connection systems (HVSC-Systems) - Part 2: Dimensional compatibility and interchangeability requirements for accessories to be used by various types of ship, 24 str.
 - 2.2. IEC 61892-3 Ed. 3: Mobile and fixed offshore units - Electrical installations - Part 3: Equipment, 49 str.
 - 2.3. IEC 62729 Ed.1: Maritime navigation and radiocommunication equipment and systems - Shipborne equipment for long-range identification and tracking (LRIT), 22 str.
3. Normy i dokumenty europejskie (CEN)
 - 3.1. prEN/ISO 10133.2 Small craft - Small craft - Electrical systems - Extra-low-voltage d.c. installations, 19 str.
 - 3.2. prEN ISO 11591 Small craft, engine-driven - Field of vision from helm position, 16 str.

- 3.3. prEN ISO 13297 Small craft - Electrical systems - Alternating current installations, 31 str.
- 3.4. prEN 16154 Air Traffic Management - Software assurance levels, 39 str.
4. Normy PKN:
 - 4.1. PN-EN ISO 12215-8 Małe statki - Konstrukcja i wymiarowanie kadłuba Część 8: Stery, 52 str.
 - 4.2. PN-EN 4049-00 Lotnictwo i kosmonautyka - Przewody łączeniowe termoelementów Temperatura pracy od - 65°C do 260°C Część 001: Warunki techniczne, 13 str.
 - 4.3. PN-EN ISO 12215-8 Małe statki Konstrukcja i wymiarowanie kadłuba Część 8: Stery, 52 str.

Na piśmie przedstawiłem:

1. Opracowane w języku angielskim opinie na temat propozycji norm:
 - 1.1. ISO/DIS 30004 Ships and marine technology - Ship recycling management systems - Guidelines for the implementation of ISO 30000 (general guidelines on principles, systems and support techniques)
 - 1.2. ISO/CD 16548 Ships and marine technology - General guidance on emergency towing procedure.
 - 1.3. IEC 62729 Ed.1: Maritime navigation and radiocommunication equipment and systems - Shipborne equipment for long-range identification and tracking (LRIT).
2. Opracowane w języku polskim opinie na temat:
 - 2.1. ISO/FDIS 28002:2011 Security management systems for the supply chain - Development of resilience in the supply chain - Requirements with guidance for use.
 - 2.2. ISO/DIS 11711-1 Ships and marine technology - Piping and machinery - Ballast water management system - Part 1: Discharge sampling apparatus.
 - 2.3. ISO/FDIS 13122 Ships and marine technology - Launching appliances for davit - launched liferafts.

**Pełnomocnik Rektora ds. Normalizacji Urządzeń
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