

MTE-ISIS 2019 PROGRAMME		
16.10.2019 Wednesday		
12:00 - 13:00	Arrival to Kolobrzeg, registration	
14:00 - 15:00	Lunch	
15:00 - 15:30	Opening Ceremony	
15:30 - 17:10	1 Plenary session and invited papers Chair: A. Weintrit Room: Panorama, IV-th floor	
15:30 - 15:50	Vidmar P., Perkovic M.: Risk Analysis for LNG Bunkering	
15:50 - 16:10	Engler E., Banyś P., Baldauf M., Heymenn F., Goge D., Gućma M.: Situation Assessment - an essential functionality for resilient navigation systems	
16:10 - 16:30	Makar A., Specht C., Specht M., Dąbrowski P., Szafran M.: Integrated geodetic and hydrographic measurements of the yacht port on the example of the National Sailing Center in Gdańsk	
16:30 - 16:50	Abramowicz-Gerigk T., Burciu Z., Jachowski J.: Parametric study on the flow field generated by river barge bow steering system	
16:50 - 17:10	Gućma S., Gralak R., Muczyński B.: Areas of emergency manoeuvres and the navigational risk of accidents in fairways due to ship technical failures determined by the ship movement simulation method	
20:00	Gala Dinner (at hotel)	

17.10.2019 Thursday		
08:00	Breakfast	
10:00 - 11:15	2 Parallel session: GNSS related topics Chair: R. Galas Room: Panorama 1, IV-th floor	3 Parallel session: AIS and its applications Chair: K. Czaplewski Room: Panorama 2, IV-th floor
10:00 - 10:15	Liu S., Gehrt J., Abel D., Zweigel R.: Integrity of Dual-Constellation aided Navigation Filter in Safety-Critical Maritime Applications	Weintrit A.: Initial Description of Pilotage and Tug Services in the Context of e-Navigation
10:15 - 10:30	Galas R., Kunzi F., Adolfs M., Overbeck F., Felber W.: Initial analysis of tracking performance of the GOOSE GNSS Software Defined Receiver	Bakdi A.: AIS-based multiple vessel collision and grounding risk identification based on adaptive safety domain
10:30 - 10:45	Dąbrowski P., Specht C., Koc W., Czaplewski K., Specht M., Karwowski K., Chrostowski P., Szmaglinski J., Grulkowski S.: Installation of GNSS receivers on a mobile railway platform - methodical and measurement aspects	Luin B., Perkovic M., Dimc F.: AIS-data aided mapping of multipath abundant areas in the Port of Koper
10:45 - 11:00	Zalewski P.: Integrity Concept of Maritime Autonomous Surface Ships' Position Sensors	Marćjan K., Gućma L.: The collision risk management method for ships navigating on coastal waters based on probabilistic domain and near-miss concept
11:00 - 11:15	Koch P., Gewies S.: Worldwide availability of maritime medium frequency radio infrastructure for R-Mode supported navigation	
11:15 - 11:30	Coffee break	
11:30 - 12:45	4 Parallel session: Safety and reliability aspects in maritime transportation Chair: K. Kołowrocki Room: Panorama 1, IV-th floor	5 Parallel session: Miscelenious topics Chair: T. Abramowicz-Gerigk Room: Panorama 2, IV-th floor
11:30 - 11:45	Mazerski G., Mettala O., Hinz T.: Data-driven design and operational support for ship's energy efficiency	Felski A., Zwolak K.: The ocean-going autonomous ship - challenges and threats
11:45 - 12:00	Blokus A., Dziula P.: Reliability analysis of different configurations of master and back-up systems used in maritime navigation	Specht M., Szmaglinski J., Specht C., Koc W., Wilk A., Czaplewski K., Karwowski K., Dąbrowski P., Chrostowski P., Grulkowski S.: Analysis of Positioning Methods Using Navigation Satellite Systems in Polish Railways
12:00 - 12:15	Kołowrocki K., Magryta B.: Port Oil Terminal Reliability Optimization	Artyszuk J.: Interdependency of parameters in standard and non-standard zigzag manoeuvres with linear models
12:15 - 12:30	Przeniośto L., Peschke J., Hering J.: Improvement of good seamanship by the use of specialized processes and algorithms onboard ships, in fleet operation centers and in simulations.	Kobyliński L.: Marine transport and climate warming
12:30 - 12:45	Pietrzykowski Z., Wielgosz M., Breitsprecher M.: Navigators' behavior analysis using data mining	Dąbrowski P., Specht C., Felski A., Koc W., Wilk A., Czaplewski K., Karwowski K., Jaskólski K., Specht M., Chrostowski P., Szmaglinski J.: The accuracy of the marine satellite compass in the terrestrial urban conditions.
13:00 - 14:00	Lunch	
15:00 - 17:00	6 "5 minutes" session: Miscelenious topics Chair: C. Specht, K. Gawdzińska and board for the best presentation Room: Panorama, IV-th floor	
All presentation options are allowed:	1 Kasyk L., Kijewska M., Pleskacz K.: The influence of the wind direction on the speed of drift in the Szczecin Lagoon	
poster	2 Świerczyński S., Zwolan P.: The verification of simulated echosounder in the aspect of underwater object detection theory	
flipchart	3 Gawdzińska K., Przetakiewicz W., Kostecka E., Przybyła M., Wiczorek A.: Criteria for the selection of materials used in brake discs	
oral presentation	4 Czaplewski K., Specht C., Dąbrowski P., Specht M., Koc W., Wilk A., Karwowski K., Chrostowski P., Szmaglinski J.: Atypical application of the parametric method for track infrastructure inventory	
overhead projector	5 Gućma S., Dzwonkowski J., Przywarty M., Bilewski M.: Dimensioning of fairway bends - kinematic method of numerical simulation	
etc.	6 Dziukowski R., Gućma M.: Assessment of accidentally anchoring on buried offshore Gas Pipeline	
Time: max. 5 minutes	7 Jarzabek D., Drwięga K.: The ecological aspect of the vessel decommissioning market	
	8 Quy N., Łazuga K., Gućma L., Vrijling J.K., Gelder P.: Towards the generalized models of ships safety maneuvering areas ships and its performance based on real time simulation results for risk assessment of navigable waterways	
	9 Kotkowska D.: Use of SAR module of VTS simulator in rescue operations planning	
	10 Przywarty M., Muczyński B., Bilewski M.: Development and implementation of models of drift and fall trajectory of the biodegradable oil binders	
Awards for the best 3 presentations!	11 Stepien G., Ziębka T., Hałaburda R., Beczkowski K., Borczyk K.: Functional model of photogrammetric surveying in the Autonomous Measurement System "Free Geodetic Surveys - 3D"	
	12 Nowy A., Gućma L.: Analysis and modeling of the vessels traffic flow in terms of sea routes design and safety of navigation	
	13 Gralak R.: Method of navigational information display using Augmented Virtuality	
	14 Bąk A.: Systemic solution for mitigation of derelict fishing gear problem	
	15 Kołowrocki K., Magryta B.: Port oil Terminal Operation Process Cost Optimization	
	16 Boć R., Gućma L.: Building a model for solving anti-collision situations before the Convention on the International Regulations for Preventing Collisions at Sea	
	17 Hribar U., Srše J., Mahne A., Brcko T., Vidmar P.: Traditional Sailboat Reconstruction and the Revitalization of the Northern Adriatic Shipbuilding Heritage	
	18 Uriasz J., Lisaj A., Mąka M., Majzner P., Czerwiński M.: The improved model of integrated radio-communications systems	
	19 Guze S., Wawrzyński W., Wilczyński P.: Determination of parameters describing the risk areas of ships chaotic rolling on the example of LNG carrier and OSV vessel	
19:00	Dinner (at hotel)	

18.10.2019 Friday		
08:00	Breakfast	
10:45 - 11:00	Coffee break	
11:00 - 12:40	7 Plenary session Chair: Z. Pietrzykowski Room: Panorama, IV-th floor	
11:00 - 11:20	Kołowrocki K.: Port Oil Terminal Safety Examination	
11:20 - 11:40	Grządziel A.: Methodology for measuring propagation of acoustic wave in sea water depending on the acoustic ray angle of incidence and bottom type	
11:40 - 12:00	Kowalski A.: The impact of the underwater hull antifouling silicone coating on the sea ferry's fuel consumption	
12:00 - 12:20	Juszkiewicz W.: Environmental risks of potential oil spills in The TSS Ślupska Bank area - PISCES II simulation	
12:20 - 13:00	Closing of MTE-ISIS Conference	
13:00	Lunch (at hotel)	