



NORTH ATLANTIC TREATY ORGANISATION
NATO MARITIME INTERDICTION OPERATIONAL TRAINING
CENTRE
NMIOTC
SOUDA BAY
73200 CHANIA
GREECE



5000 NSC-74/Ser.: NU 24

TO: See Distribution List

SUBJECT: **INVITATION LETTER FOR COURSE 19000 “CYBER SECURITY ASPECTS WITHIN MARITIME OPERATIONS”, COP-CD-22104, 16 - 20 May 22.**

DATE: 23 Feb 2022

REFERENCE: NMIOTC Program of Work (NPOW) 2022

1. The Alliance has recognized Cyberspace as a domain of operations in which NATO must defend itself as effectively as it does for all the other domains. This will improve NATO's ability to protect own forces and capabilities and conduct operations across these domains and maintain freedom of action and decision making, at all circumstances. The impact of Cyber Security issues on the conduct of future Maritime operations is emerging dramatically. Maritime operations are conducted by technology-intensive platforms, which today rely heavily on information systems. How will this dependence of Navy platforms affect their ability to maintain security at sea?

2. As it is stated at SACEUR'S Annual Guidance on Education, Training, Exercises and Evaluation, Cyber threats can affect NATO's capabilities to effectively control Allied forces, impacting upon NATO's operational theatres and individual Allies. Consequently, Cyber defence is considered as a critical component of Collective Defence. In addition, Cyber Defence in maritime environment is a training requirement as it is depicted from the 2021 Cyber Defence Operations Discipline Alignment Plan.

3. Under this vein NMIOTC is going to launch the course 19000 “Cyber Security Aspects within Maritime Operations”, a 5 day course from **16th to 20th of May 2022**, in order to address adequately the cyber risk for the maritime environment and to provide the basic principles, knowledge and framework for the maritime staff officers (operational planners and current ops) in order to apply cyber resilience together with situational awareness, consequence management, business continuity plan and risk management into the maritime operational realm.

4. The aim of this course is to provide a comprehensive knowledge to facilitate the understanding of the maritime Cyber aspects, designed for operational planners and staff officers from tactical, operational level, without sufficient cyber operational background. On completion of the Course students will be able to:

- a. Understand Cyber security aspects of Maritime Operations.
- b. Identify Cyber security threats in Maritime Operations.
- c. Apply knowledge / skills / guidance in application of cyber resilience together with situational awareness, business continuity plan and risk management.

5. The target audience is the community of interest maritime personnel functioning as Staff Officers /operational planners, from tactical, operational NCS/NFS HQs, individual NATO Naval Forces, members of NATO response Force (NRF), Enhanced NATO Response Force (eNRF) without dedicated (specialized) Cyber Security operational background. Personnel from Joint Commands and other related Agencies (Coast Guard, Port Police, etc.), educational and training facilities and equivalent civilian personnel from relevant governments / agencies involved in Maritime Security Operations are also eligible to participate.
6. The Course will be conducted in English. Attendees should have the following standards of proficiency in English (as described / coded in STANAG 6001), Listening – Professional (3), Speaking – Professional (3), Reading – Professional (3) and Writing – Professional (3) (SLP3333).
7. This is a NATO ACT approved course, classified as “**NATO Restricted**”. NMIOTC applies security arrangements and regulations according to NATO standards.
8. A draft agenda for this event is hereby attached as Enclosure 1. The final agenda will be included with the Joining Instructions which will be released in due course. Attendance of the participants is obligatory in order to be considered as “successful attendees”. In order to pass the course and acquire the relevant certificate, participant at least 85% of the modules of the course.
9. The course will start on **Monday, 16 May and will end on Friday, 20 May 2022**, training hours are from 08:30 to 15:00 daily. Due to the fact that the course will be run with the cooperation of external augmenters (SHAPE J6 Cyber/SHAPE J2/ CYOC/ MARCOM) and academia (University of Derby), the execution of the course is subject to the achievement of the minimum number of participations. Comprehensive administrative instructions are provided at Enclosure 2.
10. The tuition fee for the course is **480,00€**. Payment procedures as paragraph 4 of Enclosure 2.
11. With the current COVID-19 situation, due to the Greek de-escalation plan and the preventive and protective measures that have been implemented, it is been determined that it is possible to execute this course. When registration closes, we will evaluate if this is still valid. Delegates who are registered will be updated by e-mail regarding any measures towards COVID-19 that must be undertaken, which may include cancellation of the course.
12. For organizational purposes, candidates are kindly requested to register by submitting the application form <https://nmiotc.nato.int/join-us/individual-application-form/> or saving it as a .pdf file and send it to studenadmin@nmiotc.nato.int no later than (NLT) **Friday 15th April 22**.
13. Event details can be found in the Education and Training On-line Catalogue (ETOC) at <https://e-itep.act.nato.int/Guest/ETOCindex.aspx> (COP-CD-22104) or through the NMIOTC official web site <https://nmiotc.nato.int/education-training/resident-courses/courses-catalogue/>.

14. NMIOTC Point of Contacts (POCs):

- a. Course Director: Cdr Periklis Pantoleon GRC (N)
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pantoleonp@nmiotc.grc.nato.int (NS)

- b. Registration POC: Lt Cdr Konstantinos Papanastasis GRC(N)
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Charalampos Thymis
Commodore GRC (N)
Commandant NMIOTC

ENCLOSURES:

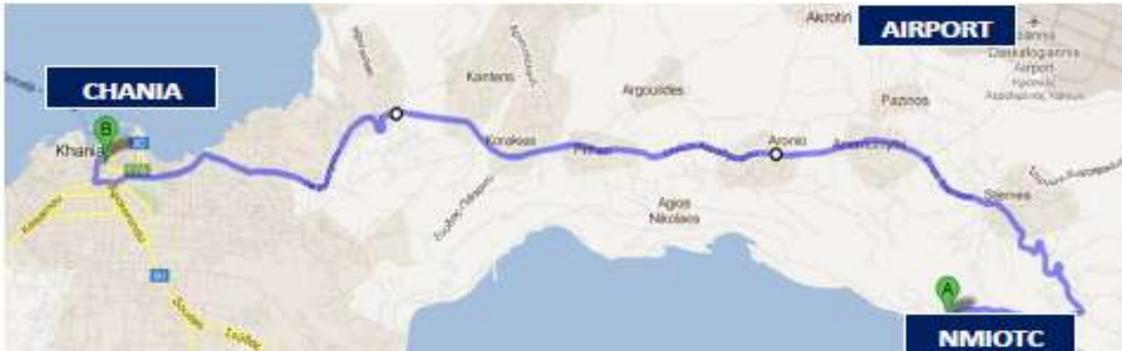
1. Draft Schedule of Events for Course 19000
2. Administrative Instructions

SCHEDULE OF EVENTS FOR COURSE 19000 (16-20 May 22)

E&T Director : Cpt Dimitrios Spirou GRC (N)		Course Director: Cdr Periklis Pantoleon GRC (N)		Assistant Course Director / Admin Officer: Lt Cdr Konstantinos Papanastasis GRC (N)					
Monday (May 16 - Day 1)		Tuesday (May 17- Day 2)		Wednesday (May 18 - Day 3)		Thursday (May 19 - Day 4)		Friday (May 20 - Day 5)	
0820 0850	Course administration / In processing /	0820 0830	Arrival at NMIOTC Coffee Break	0820 0830	Arrival at NMIOTC Coffee Break	0820 0830	Arrival at NMIOTC Coffee Break	0820 0830	Arrival at NMIOTC Coffee Break
0850 0935	Admin and Safety brief Group Photo Coffee Break	0830 0920	Cyber Risk Management CyOC	0830 0920	Cyber Incident handling Guidelines for staffs at Operational and Tactical level CyOC	0830 0920	Cyberspace Considerations in Maritime Operations	0830 0920	Table Top Exercise ALL
0935 1025	Cyber Threats University of Derby	0920 0935	Coffee Break	0920 0935	Coffee Break	0920 0935	Coffee Break	0920 0935	Coffee Break
1025 1040	Coffee Break	0935 1025	Cyber Intelligence Support to Cyberspace Operations SHAPE J2	0935 1025	MARCOM's Role and Responsibilities Cyber in Maritime Operations MARCOM	0935 1025	Cyber threats actors and TTPs. (MARCOM)	0935 1025	Table Top Exercise ALL
1040 1130	Maritime Cyber Threats University of Derby	1025 1040	Coffee Break	1025 1040	Coffee Break	1025 1040	Coffee Break	1025 1040	Coffee Break
1130 1145	Coffee Break	1040 1130	Cyber Defence Operational Requirements CyOC	1040 1130	Evolution of the Cyber Domain MARCOM	1040 1130	Cyber Threat Intelligence MARCOM	1040 1130	Table Top Exercise ALL
1145 1235	Social Engineering University of Derby	1130 1145	Coffee Break	1130 1145	Snack Break	1130 1145	Snack Break	1130 1145	Snack Break
1235 1250	Snack Break	1145 1235	Cyber Situational Awareness – Cyber Common Operational Picture CyOC	1145 1235	Cyber Awareness Campaign MARCOM	1145 1235	Critical Infrastructure Cyber Threats MARCOM	1145 1235	Table Top Exercise ALL
1250 1340	Ethical Hacking Phases / Concepts Password Cracking Demo University of Derby	1235 1250	Snack Break	1235 1250	Snack Break	1235 1250	Snack Break	1235 1250	Snack Break
1355 1410	Coffee Break	1250 1340	Cyber organization in BACO / CRISIS MARCOM/ CyOC	1250 1340	Cyber Training for the Maritime Domain FRANCE CYBER MARITIME	1250 1340	Hacking Demo TUC	1250 1340	Table Top Exercise De-brief ALL
1410 1500	Cyber Security Policy University of Derby	1355 1410	Coffee Break	1355 1410	Coffee Break	1355 1410	Coffee Break	1355 1410	Coffee Break
1900	Ice-Breaker (Hosted by NMIOTC)	1410 1500	Latest NATO cyber incidents CyOC	1410 1500	Cyber Training for the Maritime Domain FRANCE CYBER MARITIME	1410 1500	Hacking Demo TUC	1410 1500	Course Feedback Graduation Ceremony

ADMINISTRATIVE INSTRUCTIONS

1. **Location:** NMIOTC is located in the Akrotiri peninsula, near the city of Chania, in the north-western part of Crete. The destination airport is Chania International airport "Ioannis Daskalogiannis" (airport code: CHQ). Distance from the city of Chania to NMIOTC is 20 km and from the airport to NMIOTC is 9 Km. Chania is a picturesque, unique medieval city bearing a rich and long history and culture. The following map provides orientation and driving directions from the city of Chania to NMIOTC.



2. **Registration:** You are kindly requested to submit your Application Form in accordance to paragraph 11 of the main body within the given deadline. Applications submitted after the specified deadlines may not be accepted. All applicants will receive a confirmation message. However, the final confirmation will be provided after the process and acceptance of the application. It is advised not to proceed to travel arrangements before the final confirmation.

Note: A maximum number of twenty four (24) trainees will be accepted on a first come first served basis.

3. **Visa Requirement:** Participants or their national authorities are responsible for visa arrangements, if needed. Participants are advised to contact well in advance, proper diplomatic agencies for up-to-date information. It is an individual's responsibility to apply and obtain their visa and to have the proper travel / medical documentation. Hellenic Ministry of foreign Affairs website (www.mfa.gr) provides relevant VISA information requirements.

4. **Tuition Fee:** The tuition fee for the course is **480,00€**. The fee includes daily transportation from Chania city centre to NMIOTC and vice versa during the course days. Full payment for tuition must be made to NMIOTC's Financial Officer on the first day of the course in cash or by credit card (American express excluded) or by bank deposit to the NMIOTC bank account:

IBAN Number: GR 38 0110 4940 0000 4945 4001 048

Swift BIC: ETHN GRAA

Bank Name: National Bank of Greece

Note: A direct link for credit card payment can be sent to participant's email address to complete payment procedure before event's start date. Bank deposit must be completed no later than **3 working days before the start date of the event**. The relevant document with proper justification must be e-mailed to NMIOTC Budget &

Finance Officer at kladosa@nmiotc.nato.int. NMIOTC will cover only the expense that the National Bank of Greece may charge for transactions and not potential charges of other banks.

5. **Dress Code:** Participants are strongly recommended to wear Summer Daily Uniform for the whole training, as well as for the Graduation Ceremony.

6. **Meals:** Participants will have their meals outside NMIOTC, on their own responsibility and at their own discretion. A canteen is available within the NMIOTC main building that can provide snacks and refreshments for a nominal cost.

7. **Accommodation:** There are no accommodation facilities at NMIOTC. Therefore, participants are responsible to arrange their own accommodation. NMIOTC can provide guidance / assistance if requested. Hotels near the Chania city centre are highly recommended for transportation purposes. The list of recommended hotels in Chania offering special prices (for participants who book directly with each hotel by e-mail using the code “**NMIOTC Guest**”) and including breakfast and internet connection, is as follows:

AKALI 4* hotel www.akali-hotel.gr.
E-mail: info@akali-hotel.gr Tel.: (+30) 28210 92872.

KYDON 4* hotel www.kydon-hotel.com (promotional code “NMIOTC 22”)
E-mail: info@kydon-hotel.gr Tel.: (+30) 28210 52280.

SAMARIA 4* hotel www.samariahhotel.gr (promotional code “NMIOTC 22”)
E-mail: reservations@samariahhotel.gr Tel.: (+30) 28210 38600.

ARKADI 3* hotel www.arkadi-hotel.gr
E-mail: info@arkadi-hotel.gr Tel: (+30) 28210 90181.

KRITI 3* hotel, www.kriti-hotel.gr ,
E-mail: info@kriti-hotel.gr, Tel.: +302821051881

PORTO VENEZIANO 3* hotel www.portoveneziano.gr.
E-mail: hotel@portoveneziano.gr Tel: +30 28210 27100.

ROYAL SUN 3* hotel www.royalsunhotel.com.
E-mail: hotelroyalsun@gmail.com Tel: (+30) 28210 46363.

8. **Transportation:** Transportation will be provided during the days of the course from Chania city centre pick-up points (1st pickup point AKALI at 07:40, 2nd pickup point SAMARIA at 07:50, 3rd pickup point KYDON at 07:55, 4th pickup point KRITI at 08:00 and 5th pickup point Royal Sun hotel at 08:05. Participants are responsible for their transportation from the airport to their hotel and vice versa. The available transportation options from Chania airport to Chania city centre are as follows:

a. By Bus: The bus stop is outside the terminal and the ticket cost 2,50€. For further information and detailed timetables check <http://www.bus-servicecrete-ktel.com/timetabledet.php?line=32&lg=2> .

b. By taxi from the airport directly to Chania city centre, 24 hours/day and the cost is 25,00 € (approx).

9. **Medical service:** Trainees are required to have a valid health insurance according to their respective national standards. Trainees from the EU Member States are required to possess a valid European Health Insurance Card. NMIOTC ensures first aid during training, providing emergency transportation to the Naval Hospital of Crete if needed. The Naval Hospital of Crete can provide diagnosis, first aid and treatment, while the Prefectural Hospital of Chania can provide further diagnosis or specialist treatment if required. NMIOTC do not cover trainees' expenses for additional medical treatments and the settlement of medical bills is a patient/national responsibility.

10. **COVID 19 awareness:** Please take under consideration that due to the current COVID-19 situation and the undertaken preventive and protective measures, the conduct of the course is considered feasible. Furthermore NMIOTC is ready to welcome participants to NMIOTC's events according to the travel rules as described in detail on the Hellenic Republic Ministry of Foreign Affairs web page: <https://www.mfa.gr/en/index.html> (Welcome to Greece announcements) and <https://travel.gov.gr/#/> (protocol for arrivals in Greece) as well as the latest instructions uploaded to the NMIOTC site <https://nmiotc.nato.int/general-information-on-coronavirus-covid-19/> which are to be followed according to the latest update.

Note: The COVID 19 is a highly dynamic and fluctuating situation and all relevant measures are under continuous review. It is advised that participants take into account any further travel restrictions and rules from intermediate countries through which they will travel. Under such circumstances it is recommended to ensure refundability of any travel bookings.

11. **Security:** NMIOTC applies security issues according to NATO standards. There is a strict access control procedure for entrance into the Marathi main gate and NMIOTC main building. You will be required to provide your passport or your national identification card during in-processing and whenever you enter these areas.