1. Course Title

NATO C4ISR Orientation for Officer

2. Identification Number (ID)

101

3. Purpose of the Course

The purpose of this course is to provide military Officers and Civilian equivalents of NATO Command Structure (NCS) and NATO Forces Structure (NFS), NATO National entities and supporting NATO Agencies the knowledge of the overall NATO CIS Organisation, supporting and supported C4ISR Services, including:

- The NATO Services (C3 Taxonomy),
- NATO Service management and Control (SMC)
- NATO Mission and Operations, Policy and Guidance.
- NATO Customers (NATO Command and Forces Structure, NCS-NFS) and Service Providers
- NATO CIS Static and Deployable
- NATO User applications and Community of Interest (COI) Services.
- NATO Core Enterprise Services
- NATO Communication Services.
  o Communication Access/Transport Services
  o Transmission Services
- NATO CIS Security Services
- NATO Capabilities

In detail to provide an overview of current and evolving:

1. NATO Service Terminology and Organisation, NATO (CIS) Capabilities
2. NATO Command Structure and specifically the two Strategic Commands: Allied Command Operation and Allied Command Transformation.
3. The NATO Customer and Service Provider Organization and Mission.
4. The NATO SMC Services (e.g. Service Management Framework, Spectrum Management)
5. NATO Capabilities to include:
   a. User Applications – Focus on C2 Applications and Concepts (MC2 IS, LC2IS, AirC2 IS)
   b. COI - Focus on C2 Services (also referred to as Functional Area Services)
c. NATO Core Enterprise Services (e.g. Communication and Collaboration Services, Platform Services, Infrastructure Services)
d. Communication Services (Access and Transport, Transmission Services – to include SATCOM, LOS, and Media)

6. CIS Security Services (INFOSEC- COMPUSEC- COMSEC) principles
7. Functional Area Services (LOGISTIC, INTEL)
8. Command and Control (LC2 IS, MC2 IS, NCOP)
9. NATO Capabilities (AGS, (T)BMD, JISR)
10. Facilitate Human Networking amongst the C4ISR Community by participating in a formal class dinner where a high degree of discussion between and among all students and faculty members are required.
11. Enhance the Knowledge of the roles of personnel assigned under different Commands and Management Authorities and other stakeholders.

4. Learning Objectives

Upon completion of this course, the student will be able to:

- Explore the NATO Services (C3 Taxonomy),
- Analyse the NATO Service management and Control (SMC)
- Understand the NATO Mission and Operations, Policy and Guidance.
- Differentiate the NATO Customers (NATO Command and Forces Structure, NCS-NFS) and Service Providers
- List the NATO CIS Capabilities,
- Describe the NATO User applications and Community of Interest (COI) Services.
- Categorise the NATO Core Enterprise Services
- Categorise the NATO Communication Services.
- Illustrate the Communication Access/Transport Services
- Illustrate the Transmission Services
- Understand the NATO CIS Security

5. Qualification

N/A

6. Student Criteria

- Be employed in a C4ISR environment
Have a general understanding of Information and Communication Technology terms

7. Rank
- Officer
- Civilian equivalent

8. Language Proficiency
According to STANAG 6001: English SLP 3232

9. Security Clearance
NATO Restricted

10. Course Length
5 working days

11. Special Instructions
12. Class Size
- Maximum
- Recommended
- Minimum
30/20/10

13. Nomination Procedures
www.nciss.nato.int

14. Pre-course Study Material
N/A

15. Location
The course is conducted at the NATO Communications and Information Systems School (NCISS), Latina Italy.

16. Background Knowledge Prerequisites
N/A