

ACCS FAMILIARISATION Training Course



SYLLABUS

Issue No: 2
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Authority: Head Training Branch

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PART - 1 INTRODUCTION

1. Aim of the Course

The aim of the Air Command and Control System (ACCS) Familiarisation Course is to personnel newly appointed to the ACCS project with a high level overview of the ACCS. The course explains the background history, the concept of operations, the entities and roles, software and hardware architecture and outlines the involvement of NATO Programming Centre (NPC) in terms of testing, information and documentation.

2. Summary of Training Requirements

The ACCS Familiarisation Course is a single standing course, not linked to other NPC Courses.

3. Eligibility

Applicants for the ACCS Familiarisation Course require no previous knowledge about the ACCS. Students must confirm in the joining notice that they are working on the ACCS project; otherwise the applicant will not be accepted on the course. Applications from nations should list their applicants in priority order, as we often receive more applications than places available for the course. All ACCS user nations are eligible to nominate students for the ACCS Familiarization Course.

4. Duration

The duration of the course is 2 days.

a. Effective Training Time

The course will run from:

- Day 1 from 09:00am till 17:00pm
- Day 2 from 0900am till appr 15:00pm

b. Non-effective Training Time

Coffee breaks (if duty allows) 10:00 – 10:30am. Lunch 12:30 – 13:30pm. Small breaks will be at the discretion of the instructor.

5. Security Classification

Since the course is held in a NATO SECRET environment, the students must provide a copy of their Security Clearance along with their Nomination Form before entering the NPC premises. Without a Security Clearance the students will not be able to attend the course without an escort.

6. Sponsor

The overall Sponsor of the ACCS Familiarisation Course is the Commander of NPC.

7. Training Executive

The overall responsible for the conduct of the ACCS Familiarisation Course is the Head Training Branch (H-TRB).

8. Course size

The maximum numbers of students is set to 12 owing to workstations and instructor availability. Minimum number of students is set to 6. The H-TRB can change these numbers.

9. Syllabus Review Date

This document is Version 2 of Syllabus for ACCS Familiarisation Course and is valid until 1 March 2012. This Syllabus is to be reviewed at least once a year by the H-TRB and the C-ITS.

10. Additional Information

a. Location.

The ACCS Familiarisation Courses will run at the NPC in the classroom B-50.

b. Nominations for Course.

Students apply by using the Student Nomination Form attached to the Calling Notice /Invitation Letter available in the NPC Homepages on both SECRET WAN and public internet.

c. Trade Qualification Annotation.

The students on the ACCS Familiarisation Course will receive a certificate indicating that they have participated in the ACCS Familiarisation Course.

d. Gender Terminology.

Where the masculine gender is used it is actually applicable to both genders.

e. List of Abbreviations.

A list of abbreviations used in the syllabus is at ANNEX A.

PART - 2 PART - 2 ALLOCATION OF TIME

| Session no | Course Topics | Time Allocation | Type of lesson |
|------------|--|-----------------|--|
| | Course Schedule - Day 1 from 0900 | | |
| 0 | Introduction - Welcome and Administrative Briefing | 15 min | Theoretical session |
| 1 | ACCS Background and History | 45 min | Theoretical session |
| | COFFEE BREAK | 30 min | |
| 2 | ACCS Concept of Operations | 45 min | Theoretical session |
| 3 | ACCS Entities and Roles | 70 min | Theoretical session |
| | LUNCH BREAK | 60 min | |
| | Course Photograph | 10 min | |
| 4 | ACCS Operational Perspective | 40 min | Theoretical session |
| 5 | ACCS LOC 1 Architecture - Software | 30 min | Theoretical session |
| 6 | ACCS LOCs Architecture – Hardware/ STVF Visit and if possible ACCS Demo | Up to 120 min | Theoretical/Practical session |
| 7 | Course Schedule - Day 2 from 0900 | | Theoretical session |
| | Testing and Training Schedule, Current Training Status – an Overview | 60 min | |
| | COFFEE BREAK | 30 min | |
| 8 | The Use of the Interactive Electronic Technical Manual (ITEM)/ALSO | 60 min | Theoretical session Practical session |
| 9 | ACCS Site Experience | 55 min | Presentation |
| | LUNCH BREAK | 60 min | |
| 10 | Information and Documentation | 20 min | Theoretical session |
| 11 | ACCS NPC Activities. | 15 min | Theoretical session |
| 12 | Course Evaluation and Debrief | 15 min | End of Course |

PART - 3 SUMMARY OF COURSE CONTENT

| Subject (a) | Training Session (b) | Objectives (c) | Remarks (d) | Syllabus Time (e) |
|---|-------------------------|---|----------------|----------------------|
| Performance, Conditions and Standards All training sessions (lessons and <i>practical exercises</i>) will be conducted in Classroom B-50. | | | | |
| Session ACCS Course Introduction | 0 | Welcome students to NPC Glons and the ACCS Fam Course. Administrative Briefing. | | 15 min |
| Session ACCS Background and History | 1 | State what ACCS is Explain the difference between ACCS and ACCS LOC1 Explain why ACCS LOC1 is being introduced Describe the history of the ACCS LOC1 programme Describe the key organisations and their roles | | 45 min |
| Session ACCS Concept of Operations | 2 | Explain the Concept of Operations Define the need for an Air Picture and describe the 3 main levels Explain how the interim and future Air C2 systems fit into the overall Air C2 process | | 45 min |
| Session ACCS Entities and Roles | 3 | Define the ACCS LOC1 Entities Describe ACCS LOC1 Functional Areas and Roles | | 70 min |
| Session ACCS An Operational View | 4 | Discussion on the operational characteristics of ACCS | | 40 min |
| Session ACCS LOC1 Architecture Software | 5 | Summarise the purpose of each of the main Software components of ACCS LOC1 | | 30 min |
| Session ACCS LOC1 Architecture Hardware/ STVF visit and if possible ACCS Demo. | 6 | Summarise the purpose of each of the main Hardware components of ACCS LOC1, Identify STE, SEE, Test tools, Interfaces and comms/ADP equipment in the Server Room. ACCS demo on an available ACCS string | | Up to 120 min |
| Session ACCS | 7 | Identify the major test phases of | | 60 min |

| Subject (a) | Training Session (b) | Objectives (c) | Remarks (d) | Syllabus Time (e) |
|---|---------------------------------|---|------------------------|------------------------------|
| Testing, Training and current Training status | | both the Testing- and the Training Plan Inform about current training status, optimized approach to training, post contractual training and how to participate on an ACCS contractual Training Course. | | |
| Session IETM | 8 | Understand and be able to use the IETM/ALSO | | 60 min |
| Session ACCS Site Experience | 9 | Presentation from an experienced Site Test Director | | 55 mi |
| Session Information and Documentation | 10 | Access and use ACCS Information and Documentation | | 20 min |
| Session The Role of NPC Glons and Training Activities | 11 | Explain the role the NPC throughout the different phases of the ACCS programme | | 15 min |
| Session Course Debrief | 12 | Course Evaluation and Debrief | | 15 min |

PART - 4 SERVICE DIVERSIONS

1. Conditions and Standards

Dress code is duty uniform in accordance with national rules for military personnel. For civilians casual, office style dress is required. All students need to provide valid Security Clearance, and must provide Training Branch with a copy of the NATO Travel Order if they wish to get access the Ration Item Store (RIS).

2. Arrival Belgium

The students must arrange to arrive at the hotel by means of own transportation. There are no resources available at NPC to perform airport pick up or daily travel.

3. Hotel

NPC recommends one of the local hotels that can be found at: www.npc.ncia.nato.int.

4. Arrival NPC

Travel arrangements between the hotel and NPC need to be made by students themselves. The students should arrive minimum 30 minutes prior to course start to allow time to go through Security Procedures.

5. Beverages

The cafeteria at NPC will be open for all students during their stay at NPC. Students are welcome to take coffee and lunch during the scheduled course breaks.

6. Shopping

The students can use the RIS during their stay, but only by providing a valid NATO Travel Order. A limited Ration Card will then be issued to each student.

PART - 5 PUBLICATIONS, EQUIPMENT AND RESOURCES

1. Equipment in Classroom B-50

| Subject | Equipment | Number |
|----------|--------------------------|--------|
| Hardware | Whiteboard | 5 |
| Hardware | OWL Network | 1 |
| Hardware | Student Laptops (IETM) | 12 |
| Hardware | Instructor Laptop (IETM) | 1 |
| Hardware | Student WSs (ACCS) | 12 |
| Hardware | Instructor WSs (ACCS) | 2 |
| Hardware | Video Switch Matrix | 1 |

2. Student Training Material

| Media | Description | Number |
|-------|---------------------------|--------|
| CD | Student Training Material | 6-18 |
| DVD | ACCS Operational Demo | 6-18 |

PART - 6 ASSESSMENT STRATEGY

1. Pre-Requisites:

None.

The NPC ACCS Familiarisation Course is based on learning by understanding and interacting with the course instructors and other students attending the course. The aim of the course is to provide a basic understanding of ACCS ready for attendees to take further training on ACCS at a later date.

PART - 7 CLASS SIZE

Maximum Class size: 12

Minimum Class size: 6

Syllabus Authority: The Head Training Branch, NPC (Glons).

ANNEX A

| Abbreviation | Description |
|--------------|---|
| ACCS LOC1 | Air Command and Control System Level of Capability |
| ALSO | ACCS LOC1 System Overview (Computer Based Training package) |
| ITS | Individual Training Section |
| IETM | Interactive Electronic Technical Manual |
| STVF | System Testing and Validation Facility |
| TRB | Training Branch |
| WS | Workstation |