1. Course Title

Deployable Optical Fibre Cable for ANDSF

2. Identification Number (ID)

022

3. Purpose of the Course

To provide ANDSF personnel with the basic skills to perform:

- fibre optic related duties with knowledge of the required safety procedures
- the installation and maintenance of indoor and outdoor fibre optical networks
- the installation and maintenance of indoor and outdoor fibre optic connections
- the main fibre optic measurements using test instruments
- fibre management and to join fibres
- analysis and acquire knowledge of Fibre Optic Traces during a testing phase

4. Learning Objectives

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

- safely install and maintain an indoor and an outdoor simple fibre optic networks
- terminate fibre cables using fibre optic connectors with standard procedures
- acquire the knowledge of some fibre optic termination techniques
- perform Multi-Mode/Single-Mode fusion splices
- perform mechanical splices
- perform measurements using optical power source and optical power meter
- use the Optical Time Domain Reflectometer (OTDR) for Multi-Mode and Single-Mode fibre optic cable testing

5. Qualification

- Optical Fibre Cable Technician

6. Student Criteria

- Be assigned or about to be assigned to a National appointment with Optical Fibre Cable maintenance task
- Have met the Background Knowledge Prerequisites for this course

7. Rank

NATO UNCLASSIFIED
- Officer or NCO
- Enlisted
- Civilian equivalent

8. Language Proficiency
- If possible English SLP 2222 standard according to STANAG 6001

9. Security Clearance
- According to ANDSF REGULATIONS AND POLICIES
- NATO RS UNCLASSIFIED RELEASABLE TO GIroA

10. Course Length
- 10 working days (2 weeks of 5 days each)

11. Special Instructions
- One interpreter is required from/to English/Dari and vice versa. Printouts in English and Dari

12. Class Size
- Maximum
- Recommended
- Minimum
- Maximum 8 students (depending on the available facility to train the attendees)
- Minimum 3 students
- Recommended 8 students

13. Nomination Procedures
- National training coordinators from ANDSF.

14. Pre-course Study Material
- N/A

15. Location
- The course is conducted at the RS HQ Kabul Afghanistan

16. Background Knowledge Prerequisites
- Basic knowledge of digital transmission techniques