1. Course Title

Spectrum Analyser Basics Course (SABC) for ANDSF

2. Identification Number (ID)

196

3. Purpose of the Course

- The course is designed to prepare personnel from Afghanistan National Defence Security Forces (ANDSF) to acquire the basics knowledge of a Spectrum Analyser (SA) as a first and necessary step towards their ability to effectively manage, by also monitoring, the Radio Frequency Spectrum (RFS) in Afghanistan for Military purposes
- To provide an overview of what a SA is and what are its typical applications
- To understand and acquire the basic knowledge of the capabilities of the instrument with focus on its main functions
- To explain the instrument associated tools including antenna(e) and cable(s)
- To familiarize with the instrument by acquiring the basic information required for the SA initial calibration for the proper operation of its main functionalities through its soft keys functions

4. Learning Objectives

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

- Acquire the basic knowledge of the Spectrum Analyser with the goal of preparing him to attend the next level of training defined as the Spectrum Analyser Intermediate Course (SAIC) for ANDSF (NCISS course ID 197)
- Introduce the SA basics capabilities while an interference is discovered
- Understand all the correct parameters to be set up prior to use the SA
- Explain Antennae features to be used with the SA
- Be familiar with the SA Block Diagram
- Be familiar with the SA theory lessons according to the training schedule
5. Qualification

- Spectrum Analyser Basics Course (SABC) for ANDSF

6. Student Criteria

- Be assigned to an Afghan National Establishment within a Radio Communication or IT section
- Have experience on Radio Communications and/or some IT skills
- Have met the Background Knowledge Prerequisites for this course

7. Rank

- Selected 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

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 15 students (depending on the available facility to train the attendees)
- Minimum 5 students
- Recommended 10 students

13. Nomination Procedures
- National training coordinators from ANDSF, mainly from Chief, MSMO

14. Pre-course Study Material
- N/A

15. Location
- The course will be conducted at RS HQ KABUL, AFGHANISTAN

16. Background Knowledge Prerequisites
- The students must be familiar with the use of a PC including the use of the mouse and the keyboard at least in Dari.
- The students must be familiar with the use of a Graphical User Interface (GUI) like Windows.