



MINISTRY OF DEFENCE

# **JSP 886 THE DEFENCE LOGISTICS SUPPORT CHAIN MANUAL**

## **VOLUME 3 SUPPLY CHAIN MANAGEMENT**

### **PART 9 THE USE OF RADIO FREQUENCY IDENTIFICATION IN THE JOINT SUPPLY CHAIN**

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## **CHAPTER 1 - INTRODUCTION TO THE USE OF RADIO FREQUENCY IDENTIFICATION IN THE JOINT SUPPLY CHAIN**

### **PURPOSE**

1. The purpose of this instruction is to set out the policy for the use of Radio Frequency Identification (RFID) technology within the Joint Support Chain (JSC).

### **OWNERSHIP AND POINT OF CONTACT**

2. The policy, processes and procedures described in the Defence Logistics Support Chain Manual (JSP 886) is owned by Director Joint Support Chain (D-JSC). Head Supply Chain Management (SCM-Hd) is responsible for the management of JSC policy on behalf of D JSC.
3. This instruction is sponsored by DES JSC SCM (Pol Dev) who should be approached in case of technical enquiries about the content:

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### **DEFENCE LOGISTIC SUPPORT CHAIN GLOSSARY**

5. A glossary of JSC terms is available at [JSP 886 Volume 1 Part 1A: The Glossary](#).

### **LINKED PUBLICATIONS**

6. The following publications are linked to this JSP:
  - a. [JSP 886 Volume 3 Part 7 – Consignment Tracking](#).
  - b. [STANAG 2233 - NATO Consignment and Asset Tracking by Radio Frequency Identification](#).
  - c. [STANAG 2495 - Data Formats for Asset Tracking](#).

## **CHAPTER 2 – POLICY FOR THE USE OF RADIO FREQUENCY IDENTIFICATION IN THE JOINT SUPPLY CHAIN**

### **INTRODUCTION**

1. This statement of policy is the Assistant Chief of Defence Staff (Logistic Operations) high level policy for use of Radio Frequency Identification (RFID) technology in the JSC for the purpose of consignment tracking and asset visibility. It was ratified by the Logistics Policy Working Group on 2 Oct 07<sup>1</sup>.

### **STATEMENT F POLICY**

2. It is UK Defence Policy that:

3. TAV (-), in conjunction with VITAL and RIDELS, remains the only active RFID system mandated to capture consignment tracking and asset visibility data<sup>2</sup>.

4. Head of Support Chain Management (SCM-Hd) is the delegated lead for the production and promulgation of RFID policy in order to allow him to develop strategy and business rules that will enable the adoption and execution of a single Defence RFID programme against endorsed requirements.

5. The introduction of passive RFID or other solutions within the JSC may only take place based against an endorsed Defence requirement and when system performance can be demonstrated to be sufficiently reliable to meet Defence requirements across the full spectrum of operations. The cost of integrating such systems must be borne by the system owner.

6. SCM-Hd is responsible for the assessment of RFID technology and is the RFID focal point for projects wishing to utilise RFID as an enabler within the JSC. PTs and other MOD organisations are to engage with Log NEC when considering utilising RFID within support solutions in order to enable the development of appropriate, coherent and cost effective solutions.

7. Use of RFID is to comply with the mandatory qualifier standards at [Annex A](#).

### **APPLICABILITY**

8. The policy applies to use of RFID within the JSC for the purposes of consignment tracking and asset visibility. It forms part of the Support Solutions Envelope (SSE) Governing Policy 3.4 for the Joint Support Chain (Key Support Area 3).

9. In developing future programmes, SCM-Hd, through the Log NEC Programme Management Office (PMO), is responsible for ensuring that appropriate security policies and standards are applied to the use of RFID technology within the JSC. This development is coherent with the use of such technology for the purpose of consignment tracking and engineering and asset visibility.

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<sup>1</sup> ACDS Log Ops Letter Reference: 20071012-RFID Policy CL-U dated 12 Oct 07.

<sup>2</sup> [JSP 886, Volume 3, Part 7](#).

**ANNEX A - ACTIVE RFID SYSTEM REQUIREMENTS**

(Introduced [Paragraph 3e](#))

1. The mandatory qualifier standards and associated formats for active Radio Frequency Identification (RFID) systems operating in the MOD are prescribed within the STANAGs referred to in [Section 1 Paragraph 5](#) above and are summarised as follows:
2. ISO/IEC 15963 - RFID for Item Management – Unique identification of RF tags.
3. ISO/IEC 19762 - IT – AIDC techniques.
4. ISO/IEC 18000 – 7 - IT – AIDC techniques. RFID for Item Management – Air interface, Part 7 - Parameters for an active RFID air interface communications at 430MHz.
5. ISO 3166-1 - Codes for the representation of names of countries and their sub divisions – Part 1, Country codes.