

# Asterix category 247 - Version Number Exchange

**category:** 247

**edition:** 1.2

**date:** 2008-02-01

## Preamble

Surveillance data exchange.

## Description of standard data items

### I247/010 - Data Source Identifier

definition: Identification of the radar station from which the data are received.

Group

#### I247/010/SAC - System Area Code

Element

bit size: 8

Raw Content

#### I247/010/SIC - System Identification Code

Element

bit size: 8

Raw Content

**Note:** The defined SACs are on the EUROCONTROL ASTERIX website ([www.eurocontrol.int/asterix](http://www.eurocontrol.int/asterix))

### I247/015 - Service Identification

definition: Identification of the service provided to one or more users.

Element

bit size: 8

Raw Content

The service identification is allocated by the system.

### I247/140 - Time of Day

definition: Absolute time stamping expressed as UTC.

Element

bit size: 24

Unsigned quantity

LSB =  $1/2^7$  s  $\approx 7.8125e-3$  s

unit: "s"

The time of day value is reset to zero each day at midnight.

### I247/550 - Category Version Number Report

definition: Version number of Categories used.

Repetitive

Regular, 1 byte(s) REP field size.

Group

#### **I247/550/CAT - Category**

Element

bit size: 8

Unsigned integer

#### **I247/550/MAIN - Main Version Number**

Element

bit size: 8

Unsigned integer

#### **I247/550/SUB - Sub Version Number**

Element

bit size: 8

Unsigned integer

#### **I247/RE - Reserved Expansion Field**

definition: Expansion

Explicit (ReservedExpansion)

#### **I247/SP - Special Purpose Field**

definition: Special Purpose Field

Explicit (SpecialPurpose)

### **User Application Profile**

- 1: I247/010 - Data Source Identifier
- 2: I247/015 - Service Identification
- 3: I247/140 - Time of Day
- 4: I247/550 - Category Version Number Report
- *Spare*
- 6: I247/SP - Special Purpose Field
- 7: I247/RE - Reserved Expansion Field
- (FX) - Field extension indicator