

## About This Standard

**Current Status** *Emerging*

**Standard Identifier** MISB RP 0608.1

### **Title of Standard**

MISB Recommended Practice 0608.1, Motion Imagery Identification, 13 December 2007

### **Standards History**

Introduced to Registry	Date Emerging	Date Mandated	Last Status Update	Last Status Review	Inactive/Retired
2008-11-20	2008-11-20	n/a	2008-11-20	2008-11-20	n/a

### **Standards Body**

[MISB](#)

[Broken Link?](#)

### **URL to Access or Acquire**

<http://www.gwg.nga.mil/misb>

### **Working Group**

#### **Primary Owner**

Geospatial Intelligence (GWG)

#### **Secondary Interest**

No Secondary Interest

### **Service Area**

GEOINT: Motion Imagery

### **KIPs**

No KIP Found

### **Standard Applicability**

#### **2008-11-04**

This Standard is used to identify uniquely motion imagery streams and files anywhere within the NSG. The Standard identifies how to combine human-readable metadata elements with data derived from algorithms to produce a Motion Imagery Identifier that uniquely, permanently, and distinctly identifies Motion Imagery.

### **Standard Abstract**

#### **2008-11-04**

This Recommended Practice defines methods of uniquely identifying motion imagery. The scope of this RP is limited to the unique identification of a motion imagery data stream. It is anticipated that in the future, the scope of this Standard will be expanded to define methods of identifying other aspects of Motion Imagery, such as the collection sensor.

### **Profiling Questions**

#### **GEOINT: Motion Imagery**

- Will your system identify Motion Imagery streams and/or clips, or will your system identify a Motion Imagery clip extracted from a larger file, or will your system discover and retrieve Motion Imagery?

### **Products Incorporating This Standard**

Open Software used for Aerial Surveillance and Photogrammetry Applications

### **Relevant Information**

This citation was authored by the GWG Motion Imagery Standards Board (MISB).

### **Implementation Guidance**

Guidance for using/implementing this standard is available from the Motion Imagery Standards Board (MISB) [<http://www.gwg.nga.mil/misb/>].

### **Standard Selection Criteria**

#### **Interoperability/Supportability**

The DoD/ IC Motion Imagery Standards Board adopted Recommended Practice (RP) 0608.1 in December of 2007 for the standardization of motion imagery identification. It is expected RP 0608.1 will be used as the basis for discovery and retrieval services for Motion Imagery across the National System for Geospatial-Intelligence (NSG).

#### **Technical Maturity**

RP 0608.1 is relatively mature given that it was standardized in December of 2007 by the MISB.

#### **Public Availability**

<http://www.gwg.nga.mil/misb/rppubs.html>

#### **Implementability**

NGA Airborne and NGA/IID (MISB) are using the standard at this time. Programs supported by those two entities will begin using the Standard in the next six to twelve months. It has been utilized for Aerial Surveillance and Photogrammetry Applications. RP 0608.1 is compliant with SMPTE 336M-2007 rules for KLV metadata encoding and the Internet Engineering Task Force RFC 4122.

#### **Authority**

The Motion Imagery Standards Board, a DoD and Intelligence Community standards organization, maintains RP 0604. Edition 3 of NATO STANAG 4609 on Digital Motion Imagery will utilize RP 0608.1. The Motion Imagery Standards Board has an open process for maintaining and developing this Standard.

**Standard Type** Military

**Standard Classification** Unclassified

**Keywords for Search** IETF, Metadata, STANAG 4609, UUID, Unique Identifier, Video, metadata