

# OKLAHOMA STATE BUREAU OF INVESTIGATION

## Management of Information Systems



### OSBI Livescan Response Specifications

**Version 1.0**

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## INTRODUCTION

This document describes the messages that are sent from the OSBI Printrak AFIS to a submitting livescan as a result of a submission. There are 3 possible message types that can be sent.

1. **ACKT** – This message is sent when a livescan transaction is queued for manual verification as a result of the AFIS not being able to automatically decide HIT/NOHIT.
2. **ERRT** – This message is sent when a livescan transaction has either not passed the OSBI edits or fingerprint quality control.
3. **SRE** – This HIT/NOHIT message is sent when a livescan transaction has successfully searched the OSBI AFIS.

## SCOPE

This specification details the format and content of an ACKT, ERRT, and SRE message.

## RECORD LAYOUT FOR TYPE-1 RECORD

**NOTE:** For more information on the Type 1 requirements please refer to the *Data Format for the Interchange of Fingerprint Information*, National Institute of Standards and Technology (NIST) Document ANSI/NIST-ITL 1-2000, dated September 2000.

<u>Field Number</u>	<u>Message Field Code</u>	<u>Description</u>	<u>Example</u>	<u>Notes</u>
1.01	LEN	Logical Record Length	1.01:163<GS>	
1.02	VER	Version Number	1.02:0201<GS>	
1.03	CNT	File Content	1.03:1<US>1<RS>2<US>00<GS>	
1.04	TOT	Type of Transaction	1.04:ERRT<GS>	Valid Transactions Types are: <ul style="list-style-type: none"> <li>• ACKT – Manual Verification</li> <li>• ERRT – Transaction Error</li> <li>• SRE – Submission Results</li> </ul>
1.05	DAT	Date	1.05:20040528<GS>	
1.06	PRY	Priority	1.06:1<GS>	
1.07	DAI	Destination Agency Identifier	1.07:OK0BI0200<GS>	
1.08	ORI	Originating Agency Identifier	1.08:OK0BI0200<GS>	
1.09	TCN	Transaction Control Number	1.09:1640072-17947<GS>	
1.10	TCR	Transaction Control Reference	1.10:000000001256<GS>	This is the BID from the livescan.
1.11	NSR	Native Scanning Resolution	1.11:19.69<GS>	
1.12	NTR	Nominal Transmitting Resolution	1.12:19.69<FS>	

## RECORD LAYOUT FOR TYPE-2 RECORD

**Required Codes:**

ACKT = Used in ACKT Message

ERRT = Used in ERRT Message

SRE = Used in SRE Message

<u>Field Numbe</u>	<u>Message Field Code</u>	<u>Description</u>	<u>Message Type</u>	<u>Example</u>	<u>Notes</u>
2.001	LEN	Logical Record Length	ACKT/ERRT/SRE	2.001:163<GS>	
2.002	IDC	Image Designation Character	ACKT/ERRT/SRE	2.002:00<GS>	
2.015	SID	State Identification Number	SRE	2.015:00105508<GS>	
2.017	NAM	Name	ACKT/SRE	2.017:DOE, JOHN RAY<GS>	
2.059	SRF	Search Results Findings	SRE	2.059:OSBI Search Resulted in an IDENT<GS>	Valid Search Results are: <ul style="list-style-type: none"> <li>OSBI Search Resulted in an IDENT</li> <li>OSBI Search Resulted in a NON-IDENT</li> </ul>
2.060	MSG	Status/Error Message	ACKT/ERRT	2.060:Poor Ridge Detail<GS>	
2.100	DAT	Date	ACKT/SRE	2.100:20040601<GS>	
2.101	TIM	Time	ACKT/SRE	2.101:14-02-51<GS>	
2.102	TCN	Transaction Control Number	ACKT/SRE	2.102:A-LV000129841<GS>	
2.109	TCR	Transaction Control Reference	ACKT/SRE	2.109:01124110<GS>	
2.110	BID	Booking ID	ACKT/ERRT/SRE	2.110:A000000001<FS>	This is the BID from the booking device.

## **FIELD EDIT SPECIFICATIONS FOR TYPE-2 LOGICAL RECORD**

**BID** – **Booking ID.** This field contains the Booking ID that used at the booking device.

**DAT** - **Date.** This field contains the date that the message was created. The format is CCYYMMDD.

**IDC** - **Image Designation Character.** The Image Designation Character shall be a sequentially assigned positive integer starting from zero and increasing by one for each finger position, image, or Type-2 record present. Each IDC value matches a value in the Content (CNT) field of the Type-1 message header.

**LEN** - **Logical Record Length.** This field contains the length of the logical record specifying the total number of bytes, including every character of every field contained in the record. The length of the LEN field is included in the total length of the record.

**MSG** – **Status/Error Message.** This field contains the status or error messages that are generated as a result of the AFIS processing.

**NAM** - **Name.** This field contains the name of the subject submitted by the livescan.

**SID** - **State Identification Number.** This field contains the state identification number as a result of an IDENT.

**SRF** – **Search Results Findings.** This field contains the results of the AFIS search.

**TCN** – **Transaction Control Number.** This field contains the TCN that the AFIS created.

**TCR** – **Transaction Control Reference.** This field contains the TCN generated by the livescan.

**TIM** – **Time.** This field contains the time that the message was created. The format is HH-MM-SS.

## TYPE-2 RECORD EXAMPLES

This section contains Type-2 record examples for the following transaction types (TOT): ACKT, ERRT, and SRE. **NOTE:** Carriage returns and separator representations were inserted for readability.

<u>Separator</u>	<u>Decimal Value</u>	<u>Hex Value</u>
<FS>	28	1C
<GS>	29	1D
<RS>	30	1E
<US>	31	1F



**ACKT TRANSACTION**

1.01:147<GS>  
1.02:0201<GS>  
1.03:1<US>1<RS>2<US>00<GS>  
1.04:ACKT<GS>  
1.05:20040528<GS>  
1.06:1<GS>  
1.07:OK0BI0200<GS>  
1.08:OK0BI0200<GS>  
1.09:1639864-17971<GS>  
1.10:460699<GS>  
1.11:19.69<GS>  
1.12:19.69<FS>  
2.001:192<GS>  
2.002:00<GS>  
2.017:DOE, JOHN RAY<GS>  
2.060:OSBI Search Resulted in Multiple Candidates, Verification in Progress<GS>  
2.100:20040528<GS>  
2.101:14-18-40<GS>  
2.102:A-LV000129425<GS>  
2.109:28141837<GS>  
2.110:A000000001<FS>

**ERRT TRANSACTION**

1.01:147<GS>  
1.02:0201<GS>  
1.03:1<US>1<RS>2<US>00<GS>  
1.04:ERRT<GS>  
1.05:20040528<GS>  
1.06:1<GS>  
1.07:OK0BI0200<GS>  
1.08:OK0BI0200<GS>  
1.09:1640072-17947<GS>  
1.10:191435<GS>  
1.11:19.69<GS>  
1.12:19.69<FS>  
2.001:53<GS>  
2.002:00<GS>  
2.060:Improperly Formatted Input<RS>descriptors[0].ASLRecord[0].ArrestSegmentLiteral[0].ArrestOffens<GS>  
2.102:A-LV000129453<GS>  
2.109:28151611<GS>  
2.110:A000000001<FS>

**SRE TRANSACTION**

1.01:146<GS>  
1.02:0201<GS>  
1.03:1<US>1<RS>2<US>00<GS>  
1.04:SRE<GS>  
1.05:20040528<GS>  
1.06:1<GS>  
1.07:OK0BI0200<GS>  
1.08:OK0BI0200<GS>  
1.09:1639652-17985<GS>  
1.10:263051<GS>  
1.11:19.69<GS>  
1.12:19.69<FS>  
2.001:163<GS>  
2.002:00<GS>  
2.015:00105508<GS>  
2.017:DOE, JOHN RAY<GS>  
2.059:OSBI Search Resulted in an IDENT<GS>  
2.100:20040528<GS>  
2.101:12-51-44<GS>  
2.102:A-LV000129402<GS>  
2.109:28125249<GS>  
2.110:A000000001<FS>