Real Time Identification (RTID)

NATIONAL POLICE SERVICES
NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
INTERFACE CONTROL DOCUMENT
FOR CRIMINAL, CIVIL, REFUGEE, AND IMAGE REQUEST TRANSACTIONS

NPS-NIST ICD 1.7.8

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RCMP
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Interface Control Document

DISCLAIMER

The purpose of the specifications contained in this document is to enable law enforcement and other agencies to electronically connect via a standard interface to the RCMP National Police Services (NPS). Agencies that fully implement this specification will be able to capture and transmit finger/palm print and demographic data in a format compatible with the RCMP Real Time Identification (RTID), Canadian Criminal Real Time Identification Services (CCRTIS). Authorized agencies will be able to submit criminal, refugee and civil fingerprints for search against and possible storage in the RCMP National Automated Fingerprint Identification System (AFIS) database. Authorized agencies will also be able to initiate image request transactions.

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HOW TO READ THIS DOCUMENT

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- Section 3   Types of Transactions: Defines the Types of Transactions (TOT) available

- Section 4   NIST Data Definitions: Defines the tags, the record types and the record layouts

- Section 5   Logical Record Formats: Defines the tags associated to each TOT

1. INTRODUCTION

Real Time Identification (RTID) is an integrated system comprised of an NPS-NIST Server (NNS), Automated Fingerprint Identification System (AFIS), and other related systems that support NPS-NIST-ICD transactions from authorized contributors. This document includes finger/palm print transactions as well as image request transactions that are supported by RTID.

1.1 Background

Various versions of the C-216 fingerprint form have been accepted as the standard for recording and transmitting fingerprint identification data to and from the Royal Canadian Mounted Police's (RCMP) NPS, the policing community within Canada, other law enforcement agencies, and other agencies who have been legally authorized to do so. The RTID System only accepts electronic transactions of finger/palm prints; therefore, finger/palm print images captured on paper fingerprint forms using ink must be converted to an electronic format for search against the RTID System. The RTID System allows for the search, storage, and retrieval of biometric and demographic data.

1.2 Objectives

The purpose of the NPS-NIST-ICD is to provide a specification for interfacing electronically with the RTID System. This document is based on the American National Standards Institute (ANSI) / NIST- Information Technology Laboratory (ITL) 1-2011 – Update 2015 version of the standard although there are some deviations from this version of the standard. The specification for biometric data (fingerprints, palm prints, and facial images) is largely defined in the ANSI/NIST specification. The specifications for Type-2 demographic data (name, home address, physical description, etc.) are defined by this ICD.

This document provides specific tags for subject identification purposes, which will encompass identifications to Criminal, Refugee, and Immigration subjects, as well as identifications from the Federal Bureau of Investigation's (FBI) Next Generation Identification (NGI) repository if requested. Note NGI is the FBI's new fingerprint system.

This document will allow Police and other authorized agencies to purchase or develop their own automated systems in order to electronically submit finger/palm print images and other information to the RCMP for search against the finger/palm prints stored in the RTID System.

1.3 Current Status

All new contributors (see subsection 1.6) must use this ICD 1.7.8 Revision 1.6 to submit their Criminal, Civil, Refugee, and Image Request transactions. ICD 1.7.7 has been sunset. This means that the RCMP will continue to support contributors who are currently submitting transactions using ICD 1.7.7 and previous ICD 1.7.8 revisions; however, they are

encouraged to upgrade their devices to use ICD 1.7.8 Revision 1.6. There will be no new certifications approved using ICD 1.7.7 or earlier revisions of ICD 1.7.8.

1.4   References

The following documents are available to contributors:

<u>RCMP Authored Documents</u>

- Supplemental Document For NPS-NIST-ICD 1.7.8 Revision 1.6, dated March 17, 2020 (Note: This document is applicable until the Civil Efficiencies and Charge features are implemented in the RTID System)

- Scanner Block Certification Specifications v5.0, dated November 26, 2018.

- Best Practices for the Capture of Charge Information In Support of NPS-NIST-ICD V1.7.8 v2.00, dated December 21, 2018.

- Best Practices for the Implementation of Civil Efficiencies of Electronic Fingerprint Capture Device Workflows, dated February 20, 2019 Version 1.7.

- NPS-NIST Message Guidelines: A Companion Document to the NPS NIST ICD Version 1.7.7, 1.7.8 and 2.1.1 Version 4.1, dated April 08, 2019.

- Certification Process For Electronic Fingerprint Capture Device Systems Version v2.00, dated December 12, 2018.

<u>Externally Authored Documents</u>

- American National Standard Institute / National Institute of Standards and Technology, Data Format for the Interchange of Fingerprint, Facial, & Other Biometric Information, ANSI/NIST-ITL 1-2011 – Update 2015.

- Electronic Biometric Transmission Specification (EBTS), Criminal Justice Information Services, FBI, Version 10.0, September 2014.

- WSQ Gray Scale Image Compression Specification, IAFIS-IC-0110 (V3.1), Federal Bureau of Investigation, October 04, 2010.

- FBI Biometric Specifications (BioSpecs) - Certified Products List (https://www.fbibiospecs.cjis.gov/Certifications).

1.5   Approach

This document describes how contributing agencies are to construct the transactions required to electronically interface with the RTID System. No details of networking or communications protocols are provided in this document.

No design specifications for Contributor (front-end) applications are included in this document. The design of front-end applications is entirely the responsibility of the Contributor, as long as all transactions satisfy the requirements of the NPS-NIST-ICD and ANSI/NIST specifications.

Vendors must reference the Best Practices documents listed in Section 1.4 References and related business rules to properly implement the transaction(s) appropriate to their application.

1.6   Current ICD Versions Supported

The RCMP supports a number of current and past versions of ICDs that have been, or can be used to submit biometric data (fingerprints, palm prints, and facial images) and other transactions. The following table is a summary of ICD versions, their application, and status.

Table 1-1: NPS-NIST-ICD Versions				
NPS NIST ICD Version Number	**Primary Use**	**In Service**	**End of New Contributors[1]**	**End of Service[2]**
V1.7.7	Criminal, Civil, Refugee, and Latent Transactions	February 2006	February 2015	In service and supported
V1.7.8 rev 1.3	Criminal, Civil, Refugee, and Image Request Transactions	May 2013	October 2019	In service and supported
V1.7.8 rev 1.6	Criminal, Civil, Refugee, and Image Request Transactions	December 2018	N/A	In service and supported

Note:

1. End of New Contributors: a date in this column means that new contributors will not be certified to this version of the ICD after this date.

2. End of Service: a date in this column means that this version of the ICD will no longer be accepted by the RCMP after this date.

1.7   Terms and Definitions

The following terms and definitions apply to this ICD.

1.7.1   DEPRECATED TAG

In this revision, the RCMP has declared certain data tags which were defined in Type-2 records of previous revisions of ICD 1.7.8 to be obsolete. The deprecated tags are not required because the data involved is no longer used in context of the identification services the RCMP offers to contributors.

Each deprecated tag is clearly annotated as such within the tag definition (Section 4 NIST Data Definitions) and within the Type-2 Record layouts involved (Section 5 Logical Record Formats).

A deprecated data tag shall not be used when claiming conformance to this specific revision of the NPS-NIST-ICD Version 1.7.8 (Revision 1.6).

The data tag may continue to be used by a device previously certified by the RCMP in conformance to a prior ICD Version (e.g., 1.7.8 Revision 1.3 or earlier).

When a deprecated tag is received by the RCMP within a transaction packet, the RTID System shall ensure that the tag value is conformant with the validation rules applicable to the earlier ICD version. If the tag value is evaluated by RTID as being permissible as per the prior rules, the transaction is accepted and the tag value shall not be processed further.

A tag declared to be deprecated in this ICD revision shall be removed in its entirety in a future ICD version.

1.7.2   FINGERPRINT CAPTURE DEVICE

A device that uses electronic digitizing technology to capture fingerprints or palm prints in a digital image format. The RCMP currently supports certification for two types:

- Scanner Block

    o   A fingerprint capture device that captures fingerprints or palm prints directly from a subject's hands.

- Flatbed Scanner

    o   A fingerprint capture device that captures previously inked fingerprint or palm print impressions on white paper substrate from a subject's hands.

1.7.3   ELECTRONIC FINGERPRINT CAPTURE DEVICES (EFCD)

EFCD devices refer to computer-based systems that digitize biometric images (fingerprints, palm prints, photo) and include a means to enter biographic, demographic and/or criminal information. The RCMP currently supports certification for two types of EFCD systems:

- Livescan

    o   An EFCD system utilizing a scanner block and camera to capture a subject's biometric images.

- Cardscan

    o   An EFCD system utilizing a flatbed scanner to capture a subject's biometric images.

1.7.4   LEGACY TAG NO LONGER APPLICABLE TO A TRANSACTION

In this revision, certain data tags which were defined in multiple Type-2 transaction records of previous revisions have been discontinued in some but not all transaction types. Similar to a deprecated tag, these specific tags are not required in context of certain transaction types because the data involved is no longer used, however, the tags continue to have relevance in one or more other transaction types.

Each legacy tag which is no longer required in a specific transaction type is clearly annotated with the phrase "Legacy tag no longer applicable to this transaction" within the Type-2 Record layout involved (Section 5 Logical Record Formats).

The legacy data tag may continue to be used by a device previously certified by the RCMP in conformance to a prior revision of ICD 1.7.8 (Revision 1.3 or earlier) where the tag is no longer applicable in this revision (1.6).

When a non-applicable legacy tag is received by the RCMP within a transaction packet, the RTID System shall ensure that the tag value is conformant with the validation rules applicable to the earlier ICD 1.7.8 revision. If the tag value is evaluated by RTID as being permissible as per the prior rules, the transaction is accepted and the tag value shall not be processed further.

1.7.5   SUBMITTING AGENCY

The Submitting Agency is the agency that transmitted the Criminal Tenprint Transaction (CAR), Miscellaneous Applicant (MAP) or Refugee (REF) transaction to the RCMP.

This is the agency to which the electronic responses will be sent (e.g., Tenprint Search Results (SRE), Acknowledgement Tenprint (ACKT), and Error Tenprint Transaction (ERRT)).

1.7.6   ORIGINATING AGENCY

The Originating Agency is the agency that is the owner of the file.

If the Originating Agency is submitting the transaction directly to the RCMP then the Originating Agency's ORI would be populated in the Originating Agency Identifier (OAI tag 1.008), and embedded in the Transaction Control Number (TCN tag 1.009) and Document Control Number (DCN tag 2.800). In this case, the Originating Agency is both the owner of the file and the Submitting Agency. The Submitting Device ORI (SDO tag 2.897) would not be populated.

1.7.7   CONTRIBUTOR / CONTRIBUTING AGENCY

The Contributor or Contributing Agency is the Federal/Provincial government or law enforcement agency, private civil agency, or international law enforcement agency that is authorized to submit transactions to the RTID System. A Contributor / Contributing Agency can be an Originating Agency and/or Submitting Agency; however, it is the Contributor / Contributing Agency that obtains the authorization to submit to the RTID System.

1.7.8   VENDOR

In the context of this ICD, a Vendor is an organization that develops or manufactures an EFCD (e.g., Livescan, Cardscan) that has been certified (or is in the process of being certified) to submit specific transactions to the RTID System. Contributor / Contributing

Agency's may develop their own EFCD; therefore, they can be considered a Vendor, in the context of this ICD, as well as a Contributor / Contributing Agency.

Contributor / Contributing Agency's will only be authorized to submit transactions to the RTID System if they are using Vendor EFCDs that have been certified for the transactions for which they are submitting.

1.7.9   ON-BEHALF-OF

This term is used to indicate that the transaction was transmitted to the RCMP from a Submitting Agency that is different than the Originating Agency.

The Originating Agency's ORI would be populated in the Originating Agency Identifier (OAI tag 1.008), and the Submitting Agency's ORI would be populated in the Submitting Device ORI (SDO tag 2.897), and embedded in the TCN (TCN tag 1.009) and DCN (DCN tag 2.800). In this case, the Originating Agency is the owner of the file and the submitting device ORI is the Submitting Agency and all responses from the RTID System will be sent to the Submitting Agency specified in tag 2.897.

If the Originating Agency is submitting the transaction directly to the RCMP then the Originating Agency's ORI would be populated in the Originating Agency Identifier (OAI tag 1.008), and embedded in the TCN (TCN tag 1.009) and DCN (DCN tag 2.800). In this case, the Originating Agency is both the owner of the file and the Submitting Agency and all responses from the RTID System will be sent to the Originating Agency specified in tag 1.008. The Submitting Device ORI (SDO tag 2.897) would not be populated.

1.7.10   RESPONSE TO AGENCY

The Response to Agency (identified by the Response to Agency Identifier (CTR tag 2.817)) refers to the agency that the email response will be sent to for a Civil (MAP) transaction where an agency is submitting for a Federal Government Department using the Send Results to Source tag (SRS tag 2.8900 SRS = '2' – Response to Agency).

For Vulnerable Sector requests, the Response to Agency (identified by the Response to Agency Identifier (CTR tag 2.817)) refers to the agency that the email or paper response will be sent to for a Civil (MAP) transaction where an agency is submitting for a law enforcement agency using the Send Results to Source tag (SRS tag 2.8900 SRS = '2' – Response to Agency).

1.7.11   RCMP INTERNAL CARDSCAN

This term is used throughout the document to highlight requirements and rules that shall be applied to those Cardscan devices that are operating internally within the RCMP.

Note: The Internal Cardscan requirements are not part of standard Vendor Certification. Vendors should not complete any development in support of the Internal Cardscan requirements unless directed to by the RCMP.

2. RCMP-NPS CONTRIBUTOR REQUIREMENTS

The following section describes the requirements to submit electronic transactions to the RTID System.

2.1   General Business Rules

This section describes the business rules that must be met before transactions can be submitted to the RTID System.

2.1.1   NIST FILE RECORD TYPES

Every transaction (NIST file) submitted to the RTID System must adhere to the ANSI/NIST Standard and NPS-NIST-ICD 1.7.8 specification to be considered valid. In order for the RTID System to accept and process a NIST file, it must be both well-formed and valid.

Table 2-1: Supported Logical Record Types lists the ANSI/NIST logical record types supported by the RCMP.

Table 2-1: Supported Logical Record Types		
Logical Record	**Logical Record Contents**	**Type of Data**
1	Header Record	ASCII
2	Descriptive Text (RCMP-defined)	ASCII
4	Fingerprint Image Data for rolled and plain finger images	Binary
9	Minutiae Data	ASCII
10	Facial Image Data	ASCII/Binary
14	Fingerprint Impressions for ID Flat or biometric consent images.	ASCII/Binary
15	Palm Print Image Data	ASCII/Binary
16	Document Image Data	ASCII/Binary

2.1.2   SEPARATORS

The ANSI/NIST-ITL 1-2011 – Update 2015 version of the standard specifies the use of separators to delimit information items within a tag, tags within a logical record, and logical records within a transaction (i.e., ANSI/NIST formatted file). The four information separators are unit/sub-tag separators (^{U}s) record/occurrence separators (^{R}s) group/tag separators (^{G}s) and file/record-type separators (^{F}s). It is important to note that all of these separators are a single American Standard Code for Information Interchange (ASCII) character in length, which is shown in the table below.

Table 2-2: Information Separators Used in ANSI/NIST Formatted Files

Code	Type	Description	Hexadecimal Value	Decimal Value
^{U}S	Unit/Sub-tag Separator	Separates individual information items within a tag or a sub-tag	1F	31
^{R}S	Record/Occurrence Separator	Separates multiple sub-tags within a field.	1E	30
^{G}S	Group/Tag Separator	Separates information tags within a record.	1D	29
^{F}S	File/Record-type Separator	Separates logical records (record types) within a transaction.	1C	28

For example, the Other Names/Alias (OTN tag 2.824), contains 5 sub-tags and allows up to 40 occurrences. Between surname and each given name is a ^{U}S separator. Between each occurrence there is an ^{R}S separator and once there is no more information to enter for this tag there is either a ^{G}S separator to separate this tag from another Type-2 record tag or an ^{F}**S** separator if it is the last Type-2 record tag. Refer to OTN tag 2.824 in Table 2-4: Type-2 Transaction Record Example (CAR-Y).

Note: Successive separator characters must be used with no intervening blank or other character when a sub-tag is missing.

Table 2-3: Type-1 Transaction Record Example

Identifier	Tag Number	Tag Name	Example
LEN	1.001	Logical Record Length	1.001:305^G**S**
VER	1.002	ANSI/NIST Version Number	1.002:0502^G**S**
CNT	1.003	File Content	1.003:1^{U}s15^{R}s2^{U}s00^{R}s4^{U}s01^{R}s4^{U}s02^{R}s4^{U}s03 ^{R}s4^{U}s04^{R}s4^{U}s05^{R}s4^{U}s06^{R}s4^{U}s07^{R}s4^{U}s08^{R}s4^U s09^{R}s4^{U}s10^{R}s4^{U}s11^{R}s4^{U}s12^{R}s4^{U}s13^{R}s4^{U}s14^G s
TOT	1.004	Type of Transaction	1.004:CAR^G**S**
DAT	1.005	Date of Submission	1.005:20170429^G**S**
PRY	1.006	Priority	1.006:4^G**S**
DAI	1.007	Destination Agency Identifier	1.007:ON56789^G**S**
OAI	1.008	Originating Agency Identifier	1.008:ON12345^G**S**
TCN	1.009	Transaction Control Number	1.009:0612345000125^G**S**
NSR	1.011	Native Scanning Resolution	1.011:19.69^G**S**
NTR	1.012	Nominal Transmitting Resolution	1.012:19.69^G**S**
GMT	1.014	Greenwich Mean Time	1.014:20170429235745Z^F**S**

Table 2-4: Type-2 Transaction Record Example (CAR-Y)

Identifier	Tag Number	Tag Name	Example
LEN	2.001	Logical Record Length	2.001:1080ᴳₛ
IDC	2.002	Image Designation Character	2.002:00ᴳₛ
DCN	2.800	Document Control Number	2.800:11711906123450123105ᴳₛ
FPS	2.801	Fingerprint Section Number	2.801:4876Bᴳₛ
ADR	2.802	Home Address	2.802:210-2340 MAIN STᵁₛOTTAWAᵁₛ06ᵁₛ K1A OR2 ᵁₛᵁₛ124ᴳₛ
IRN	2.804	Contributor Individual Reference Number	2.804:1668000488ᴳₛ
NAME	2.806	Primary Name	2.806:SMITHᵁₛJOHNᵁₛHENRYᴳₛ
SEX	2.807	Sex	2.807:Mᴳₛ
HAI	2.808	Hair Colour	2.808:01ᴳₛ
EYE	2.809	Eye Colour	2.809:Wᴳₛ
HGT	2.810	Height	2.810:180ᴳₛ
WGT	2.811	Weight	2.811:94ᴳₛ
RACE	2.814	Race Descent	2.814:Nᴳₛ
POB	2.815	Place of Birth	2.815:Oᴳₛ
FLG	2.816	Caution Flags	2.816:Fᴳₛ
CTR	2.817	Response to Agency Identifier	2.817:ON12345ᴳₛ
YPF	2.818	Young Person Flag	2.818:Jᴳₛ
LGF	2.819	Language Flag	2.819:Eᴳₛ
MKS	2.823	Marks, Scars, Tattoos	2.823:Mᵁₛ140ᵁₛBLACKᴿₛTᵁₛ311ᵁₛJANᴳₛ
OTN	2.824	Other Names/Alias	2.824:BRUNᵁₛJEANᵁₛHENRIᵁₛᴿₛBLUEᵁₛMARCᵁₛᵁₛᴳₛ
NTS	2.826	Notepad Message	2.826:20170429080722ᵁₛSMITHᵁₛMESSAGEᴳₛ
CHG	2.829	Charge Information	2.829:001ᵁₛ20150101ᵁₛOTTAWA PSᵁₛ2016004ᵁₛ001ᵁₛJᵁₛCᵁₛ100(1) ᵁₛ1ᵁₛᵁₛᵁₛNᵁₛPOSS FOR THE PURPOSE OFᵁₛWEAPONS TRAFFICKINGᵁₛSEC 100(1) CCᵁₛᵁₛᵁₛᵁₛᵁₛᵁₛᵁₛᵁₛᴳₛ
CGV	2.831	Federal Statutes Charge Table Version Number	2.831:020ᴳₛ
SFBI	2.874	FBI Search Request	2.874:Yᴳₛ
USS	2.876	US States to Search	2.876:29ᵁₛᴳₛ
COB	2.883	City of Birth	2.883:PARISᴳₛ
POE	2.884	Port of Entry	2.884:MONTREALᴳₛ
DOE	2.885	Date of Entry	2.885:20121020ᴳₛ
ISR	2.891	International Search Request	2.891:Yᴳₛ
IRP	2.892	International Countries to Search	2.892:250ᵁₛᴳₛ
FQO	2.893	Fingerprint Quality Override	2.893:01ᵁₛ 99ᵁₛBEST FINGERPRINTS POSSIBLEᴳₛ
FER	2.894	Foreign Search Reason	2.894:SUSPECTED TERRORIST ACTIVITIESᴳₛ
RET	2.8005	Retention Code	2.8005:Yᴳₛ
FBI	2.8014	FBI File Number	2.8014:789900359ᴳₛ
DOB	2.8022	Date of Birth	2.8022:19991002ᴳₛ
DPR	2.8038	Date Fingerprinted	2.8038: 20170429ᴳₛ
MFR	2.8084	Missing Fingerprint or Image Reason	2.8084:03ᵁₛXXᵁₛ20051102ᴿₛ09ᵁₛUPᴳₛ

Table 2-4: Type-2 Transaction Record Example (CAR-Y)

Identifier	Tag Number	Tag Name	Example
ICI	2.8106	Investigator Contact Information	2.8106:CST TIM^{U}s OTTAWA PS^{U}s AGENCYSECTION^{U}s6135556666^{U}s^{U}s1200 APPLE ST OTTAWA^{U}sEMAIL@OTTAWA.COM^{G}s
CNON	2.8908	Contributor Case / File Number	2.8908:2016-362^{G}s
NVN	2.8910	External ICD Version Number	2.8910:178^{G}s
STV	2.8911	System Table Version Number	2.8911:001^{G}s
NFT	2.8931	Name of Person Responsible for Transaction	2.8931:SGT SAM BROWNE^{G}s
CTRY	2.8935	Country of Birth	2.8935:250^{G}s
RTX	2.8936	Race Description	2.8936:ASIAN ^{G}s
NOTF	2.8938	Name of Official Taking Fingerprints	2.8938:MARY MACKAY^{G}s
FPCL	2.8939	Fingerprint Capture Location	2.8939:OTTAWA POLICE ELGIN STREET DETACHMENT – DEVICE 01 ON31110^{G}s^{F}s

2.1.3   FIELDS / TAGS

All fields have a tag number assigned to them (except for Type-4). The format for each field consists of the logical record number followed by a period ".", a field number followed by a colon ":", followed by the information appropriate for that field (for example 2.807:M)

The tags are assigned following the ANSI/NIST standard. These tag numberings are coordinated with the tag numberings used by the FBI in their EBTS document. Every North American agency will have a unique assignment of tag numbers. For example, RCMP is assigned tags in the 2.8 range, FBI in the 2.0 range, and other US States a different range. Interpol countries are not included in this assignment of tag numbers.

Contributor and Vendor EFCDs must not use any tag numbering in the 2.8 range for their own purposes even if the tag number is not implemented in this version of the ICD. Extraneous tags that are not part of the ICD must not be submitted to RTID.

2.1.4   RTID AGENCY IDENTIFIER (ORI)

The RCMP will assign every agency a unique 7-character alphanumeric RTID Agency Identifier. The alphanumeric RTID Agency Identifier will be populated in the Originating Agency Identifier (OAI tag 1.008) for incoming transactions and in the Destination Agency Identifier (DAI tag 1.007) for responses from the RTID System. The numeric RTID Agency Identifier will be populated as the prefix in the TCN (TCN tag 1.009) and embedded in the DCN (DCN tag 2.800).

This ORI may also be entered in the Submitting Device ORI (tag 2.897) or the Response to Agency Identifier (tag 2.817).

The alphanumeric RTID Agency Identifier will have the following format:

AANNNNN

Where

- o   AA: 2-character alphabetic province code
- o   NNNNN: 5-digit number

Example: NS12345 is the alphanumeric RTID Agency Identifier assigned to an agency in Nova Scotia.

The numeric RTID Agency Identifier is in the following format:

nnNNNNN

Where

- o   nn: 2-digit numeric province code
- o   NNNNN: last 5 digits of the alphanumeric RTID Agency Identifier

Example: NS12345 will use numeric RTID Agency Identifier 0312345 when generating a Transaction Control Number (TCN) or DCN. The alphabetic province code NS converts to the numeric province code 03.

Refer to Table A-4: Province Codes in Appendix A: Tables for a list of numeric and alphabetic province codes.

2.1.5   TRANSACTION CONTROL NUMBER (TCN)

The TCN is used to uniquely identify a specific transaction. All transactions contain a TCN that is populated in TCN tag 1.009 of the Type-1 record.

For incoming transactions, the TCN is generated by the Submitting Agency device or system.

The TCN shall be composed of the agency identifier and a sequence number. The Contributing Agency's system may reuse previously generated TCNs when all possible unique TCNs have been used (i.e., TCN rollover). The TCN rollover refers to the sequential portion of the TCN and should complete the full cycling before reusing the TCN numbers. This is to avoid duplicate TCNs.

Refer to TCN tag 1.009 in Section 4.1: Type-1 Data Definitions (Header Record)for format rules for the incoming TCN.

Note: Response transactions contain a TCN that is generated by the RTID System and populated in TCN tag 1.009. This TCN does not follow the same formatting rules as the incoming TCN.

2.1.6   TRANSACTION CONTROL REFERENCE (TCR) NUMBER

All responses from the RTID System will reference the TCN of the last incoming transaction in the Type-1 field Transaction Control Reference Number (TCR tag 1.010). Incoming transactions shall never contain a TCR.

Below is an example of a workflow of one transaction. The format of the DCN, TCN, and TCR are kept simple for illustration purposes only. In an actual transaction, they would follow the format as defined in this document.

Example:
Incoming transaction:	CAR-Y:	TCN=T1, DCN=D1
Response transaction:	ERRT:	TCN=T2, TCR=T1, DCN=D1
Incoming corrected transaction:	CAR-Y:	TCN=T3, DCN=D1
Response transaction:	ACKT:	TCN=T4, TCR=T3, DCN=D1
Response transaction:	SRE:	TCN=T5, TCR=T3, DCN=D1

Note: The example above depicts a re-submission of a CAR-Y transaction. The ERRT, ACKT, and SRE all contain TCNs generated by the RTID System. The TCR in the ERRT references the TCN from the original CAR-Y transaction. The TCR in the ACKT and SRE both reference the TCN from the resubmitted (i.e., corrected) CAR-Y transaction. The DCN stays the same since this is a re-submission after an error.

2.1.7   DOCUMENT CONTROL NUMBER (DCN)

All CAR, MAP, and REF transactions shall contain a unique DCN created by the contributor. The DCN is the unique number that is used to carry out a dialogue pertaining to a specific transaction. Refer to DCN tag 2.800 in Section 4.2: Type-2 Data Definitions (Descriptive Text) for format rules for the DCN.

The same DCN and TOT must be used, with a new TCN, when resubmitting a transaction for which a Canadian ERRT was received for a transaction (refer to above example in Section 2.1.6: Transaction Control Reference (TCR) Number). The error identified in the ERRT must be corrected before resubmitting. A resubmitted transaction will fail validation if it is received with a duplicate DCN that is not in an error state on the RTID System.

Note: If the RTID System received the transaction, the same DCN cannot be resent unless an ERRT has been received. If the RTID System responds with an SRE, the DCN can never be resent. A set of fingerprints (i.e. DCN) that received an SRE cannot be re-sent for search with a new DCN.

2.1.8   DATA VALIDATION

To ensure compliance with the NPS-NIST-ICD, all data fields in an NPS-NIST transaction must be validated within the EFCD and/or local Records Management System (RMS) and/or

Electronic Mugshot System (EMS) prior to submitting the electronic transaction to the RTID System. The use of pick-lists and drop-down lists is encouraged.

Once received, the RTID System will validate transactions to ensure that the data conforms to this version of the ICD. Fields are validated against all the business rules including field size, character type, number of occurrences, and condition. Refer to the Section 4: NIST Data Definitions for each tag in each record type and Section 5: Logical Record Formats for the logical record layout and other rules for each transaction type. A transaction will fail validation (ERRT or Error Image Request (ERRI)) if it does not conform to all the specifications in this ICD and will not be certified unless the transaction is corrected.

2.1.9   TAG CONDITION DEFINITIONS

Under the Condition column in the logical record formats (Section 5: Logical Record Formats), mandatory tags are designated by the letter M, optional tags by the letter O, and conditional tags by the letter C.

A Mandatory (M) tag must be included and contain a valid value. A transaction will not pass validation if a mandatory tag is missing, blank, or invalid. For example, all transactions must provide a Transaction Control Number (TCN tag 1.009). A transaction will fail validation if this tag value is missing.

Optional (O) tags are always available for the user to populate. An optional tag should be populated and included in a transaction when the data is available. When an optional tag value is not entered by the user, the corresponding tag number must not be included in the transaction.

When an optional tag is included in a transaction, the tag shall be validated against the data format and business rules stipulated in the Logical Record Format.

When an optional tag is comprised of multiple sub-tags, each sub-tag shall be defined with a condition of M, O, or C. When such an optional tag is included in a transaction, each mandatory sub-tag must be populated. Optional sub-tags may or may not be populated, however, the transaction must be both well-formed and valid. For example, when Other Names/Alias (OTN tag 2.824) is included in a transaction, sub-tag Surname must be included (M); all Given Name sub-tags need not be included (O).

Conditional (C) tags are dependent on the value entered in another tag. There are three (3) types of conditional tags:

1. Conditional-Mandatory – this means that when the condition is met, the conditional-mandatory tag or sub-tag MUST contain a valid value and be included in the transaction. Unless the condition is met, the tag or sub-tag must not be included in the transaction. If a conditional-mandatory tag is missing when the condition is met, the transaction will fail validation (i.e., there is no choice with this field, it cannot be populated unless the condition is met). A conditional mandatory tag is identified by the words, "This tag must only be included when…." For example, a Foreign Search Reason (FER tag 2.894) must be provided if an FBI Search (SFBI tag 2.874) is requested. Therefore, a transaction will fail validation if the FBI Search (SFBI tag 2.874) is set to "Y" and Foreign Search Reason (FER tag 2.894) is missing.

2. Conditional-Optional – this means that when the condition is met, the conditional-optional tag or sub-tag MAY contain a value or be included in the transaction. Unless the condition is met, the tag or sub-tag must not be included in the transaction or contain a value. If a conditional-optional tag is included when the condition is not met, the transaction will fail validation (i.e., this field has a choice, it can be populated if desired; however, only if the condition is met). A conditional-optional tag is identified by the words, "This tag can only be populated if…." For example, sub-field Given Name 3 in Primary Name (NAME tag 2.806) may only be included when Given Name 2 contains a name.

3. Optional, Conditional-Mandatory – this means that the tag or sub-tag is always available for the user to enter a value but becomes mandatory when the condition is met. A transaction will pass validation if a tag or sub-tag contains a valid value when the condition is not met. A transaction will not pass validation if the condition is met and the tag or sub-tag is not included (i.e., this field has a choice, it can be populated if desired; however, you have to populate this field if the condition is met). The condition column will contain a value of "O, C". The notes column will contain the words "This optional tag becomes mandatory when…." For example, in the CAR-Y transaction, Hair Colour (HAI tag 2.808), Eye Colour (EYE tag 2.809), and Race Descent (RACE tag 2.814) are all optional but become mandatory when a foreign search is requested.

2.1.10   CHARACTER TYPE (ALLOWABLE AND SPECIAL CHARACTER SETS)

Data populated in a tag or sub-tag must conform to the character type specified in the Logical Record Formats in Section 5 for the transaction type. Character types are specified as one of the following or some combination thereof.

A – Alpha; refers to all non-accented upper case letters (A-Z) defined by ASCII character set from decimal 65 to 90 (hexadecimal "41" to "5A") inclusive.

B – Binary; most commonly, an image in compressed or uncompressed format.

D – Date; 8 numerics formatted as CCYYMMDD (refer to Section 2.1.13: Date and Time Fields)

T – Date-Time; 14 numerics formatted as CCYYMMDDhhmmss (refer to Section 2.1.13: Date and Time Fields)

N – Numeric; refers to numbers (0-9) defined by ASCII character set from decimal 48 to 57 (hexadecimal "30" to "39") inclusive.

S – RCMP Special Character Set; refers to the characters in Table 2-5: RCMP Special Character Set. The "Special Characters Allowed" column in the Logical Record Formats will define what subset is permitted for the tag or sub-tag, whenever applicable.

Table 2-5: RCMP Special Character Set

Character Name	Character Image	Decimal Value	Hexadecimal Value
Space	<SPACE>	32	'20'
Number Sign	#	35	'23'
Dollar Sign	$	36	'24'
Ampersand	&	38	'26'
Apostrophe	'	39	'27'
Left Bracket	(	40	'28'
Right Bracket	)	41	'29'
Asterisk	*	42	'2A'
Comma	,	44	'2C'
Hyphen	-	45	'2D'
Period	.	46	'2E'

Table 2-6: Other Special Characters Allowed by Specific Tags defines additional special characters that can be used. The "Special Characters Allowed" column in the Logical Record Formats will define what subset is permitted for the tag or sub-tag.

Table 2-6: Other Special Characters Allowed by Specific Tags

Character Name	Character Image	Decimal Value	Hexadecimal Value
Line Feed <LF>	<LF>	10	'0A'
Carriage Return <CR>	<CR>	13	'0D'
Front Slash	/	47	'2F'
Question Mark	?	63	'3F'
At Sign	@	64	'40'
Underscore	_	95	'5F'

Note: A field cannot start or end with a special character. Refer to Section 4: NIST Data Definitions and Section 5: Logical Record Formats for any limitations with respect to the use of special characters.

2.1.11   FIELD SIZE PER OCCURRENCE

The maximum field size does not include any separators (i.e., unit, record, group, or file) but does include all alphanumeric, numeric, or special characters. For example, if a tag allows up to 30 characters then a maximum of 30 characters may be entered. If the tag contains 31 characters, the transaction will fail validation. Image tags (XX.999) or images in binary record type-4 do not have a maximum field size. Tags that do not have a maximum field will have a "*" in the max size column.

2.1.12   OCCURRENCES

The occurrences column in the record layout indicates the number of occurrences allowed for the tag. Multiple occurrences are separated by the Record/Occurrence Separator (RS). Each occurrence must contain a valid value as per the tag definition in Section 5: Logical Record Formats.

2.1.13   DATE AND TIME FIELDS

All date fields are 8-digit numeric fields of the format CCYYMMDD.

All dates captured must be less than or equal to current date.

Where:

- CC (Century) must be 19 or 20;
- YY (Year) must be 00 to 99;
- MM (Month) must be 01 to 12; and
- DD (Day) must be 01 to the limit defined by the month and year.

For example, 20160421 represents April 21, 2016.

All Date/Time fields are 14-digit numeric fields of the format CCYYMMDDhhmmss.

Where:

- CCYYMMDD is as described above;
- hh (hour) must be 00 to 23;
- mm (minute) must be 00 to 59; and
- ss (second) must be 00 to 59.

For example: 20160421134523 represents April 21, 2016 at 1:45 pm and 23 seconds.

2.1.14   ROLLED AND PLAIN IMAGES

Transactions with rolled and plain images can contain up to a total of fourteen (14) images – ten (10) rolled impressions of each individual finger (code 01 to 10), two (2) plain impressions of each individual thumb (code 11 & 12), and two (2) plain impressions of the four (4) fingers from each hand captured simultaneously (code 13 & 14). This ICD requires that Rolled & Plain images are included as Type-4 records.

For more information about Rolled & Plains refer to Section 4.3: Type-4 Data Definition (Fingerprint Image Data).

2.1.15   IDENTIFICATION FLAT IMAGES (ALSO KNOWN AS ID FLATS)

ID Flat transactions contain a total of three (3) images – two (2) plain impressions of the four (4) fingers from each hand captured simultaneously (code 13 & 14) and one (1) plain impression of both thumbs also captured simultaneously (code 15). This ICD requires that ID Flat images are included as Type-14 records. Coordinates for each individual finger segment position are required for each Type-14 record.

For more information about ID Flats refer to Section 4.5: Type-14 Data Definition (Fingerprint Image Data).

2.1.16   POOR QUALITY OR MISSING FINGERPRINTS

Whenever possible an impression of a finger should always be taken regardless of the quality of the impression. Poor Quality is any finger receiving a poor quality score as defined by the NIST Fingerprint Image Quality (NFIQ) scale. If an impression is taken and the EFCD detects that the image quality is poor, and after several attempts it is impossible to get a better quality impression, a reason should be entered in Fingerprint Quality Override (FQO tag 2.893).

If it is impossible to take a fingerprint impression in either the rolled or plain image or if it is impossible to take the entire plain image, a reason must be entered in Missing Finger or Image Reason (MFR tag 2.8084).

2.2   Fingerprint Image Requirements

This section describes the image requirements that must be met before transactions can be submitted to the RTID System.

2.2.1   RCMP-NPS-NIST COMPLIANCY AND SCANNER CERTIFICATION

A Vendor's system solution (hardware and software) must be certified for NPS-NIST-ICD compliancy before the system will be permitted to submit specific transactions as defined in this NPS-NIST-ICD 1.7.8. Once a Vendor's software solution passes the RCMP certification process, the scanner block / flatbed scanner will be tested within the specific Vendor solution to ensure that the captured fingerprint images are of acceptable quality. As a prerequisite to RCMP scanner certification, the scanner block / flatbed scanner must be listed on the FBI Certified Products List (https://www.fbibiospecs.cjis.gov/Certifications).

Generally, finger/palm prints image data is based on the ANSI/NIST-ITL 1-2011 version of the standard although there are some deviations from this version of the standard.

For more information about scanner certification refer to Scanner Block Certification Specifications in Section 1.4 References.

2.2.2   RCMP FINGERPRINT IMAGE QUALITY SPECIFICATIONS

As stated above as part of the certification process, the RCMP will conduct an image quality assessment of the digital images created by the combination of the scanner block / flatbed scanner and the Vendor's software to ensure they are free of specific anomalies.

Electronic images must be of sufficient quality to allow for:

- Conclusive fingerprint comparisons (identification or non-identification decision);

- Fingerprint classification;

- Automatic feature detection; and

- Overall Automated Fingerprint Identification System search reliability.

For more information about the image quality assessment refer to Scanner Block Certification Specifications in Section 1.4 References.

2.2.3   WSQ GRAY-SCALE FINGERPRINT IMAGE COMPRESSION SPECIFICATION

When an EFCD compresses images using WSQ, the RCMP requires the compression ratio to be 15:1 or less on average for Type-4 Rolled & Plain fingerprint images and 18:1 or less on average for Type-14 ID Flats fingerprint images. The RCMP monitors compression ratios for each contributor's EFCD. If the calculated average across multiple transactions is consistently higher than either 15:1 for Type-4 images or 18:1 for Type-14 images, the RCMP may request remedial action be taken. Unless otherwise indicated, all fingerprint images must be submitted at a resolution of 500 ppi.

Contributor systems must compress fingerprint images using Wavelet Scalar Quantization (WSQ) for all ICD 1.7.8 transactions containing image records. All new devices certified by the RCMP must implement FBI WSQ compression at version 3.1 or higher. Legacy devices previously certified at a lower WSQ version can continue to operate with a known deficiency for ID Flats (thumbs image) until such time that the older WSQ version is deprecated by the RCMP.

2.2.4   DATA FORMAT FOR THE INTERCHANGE OF FINGERPRINT INFORMATION

The data format must be compliant with the ANSI/NIST-ITL 1-2011 – Update 2015 standard.

2.3   Electronic Fingerprint Capture Device (EFCD) Basic Capabilities

EFCD devices refer to computer-based systems that digitize biometric images (fingerprints, palm prints, photo). Fingerprints/palm prints are captured directly from the subject's hand (Livescan) or by scanning a fingerprint and optionally palm print card (Cardscan). Photos are captured directly by a camera (Livescan/Cardscan) or scanned (Cardscan). They also include a means to enter biographic, demographic, and/or criminal information. If

implemented, the EFCD can exchange information with the contributor's Records Management System (RMS). The contributor must be able to create an RCMP approved secure (encrypted) network connection with the RCMP RTID System in order to send the electronic NPS-NIST files and to receive responses back.

This ICD is not intended to provide a software specification or the specifics of a good graphical user interface design for a Contributing Agency's EFCD. Vendors should work closely with their clients and the RCMP to ensure that the user interface functions and features of the EFCD adequately meet their needs and captures data accurately and correctly. The EFCD should prevent the user from entering incorrect data. A number of recommended features are described below.

2.3.1   BASIC ADMINISTRATION

The devices should support basic administration features that include but are not limited to the following:

- User ID and password for login at the operating system and application level;

- Two factor authentication for connection to RCMP networks may be required;

- Locked screensaver for workstations inactive after a predefined time;

- Backup / restore / purge / archive processes;

- Operate in both official languages – English and French – where applicable;

- A training mode that allows users to practice and become familiar/comfortable with the use of the EFCD by capturing biometric and demographic data without actually submitting transactions to the RTID System;

- Support System and Federal Statutes Table updates received from RCMP;

- Virus Protection; and

- Administrator configuration functionality.

2.3.2   BASIC CASE MANAGEMENT

Case management should provide features including but not limited to the following:

- Fully capture transactions of the types that the Contributing Agency is permitted to submit;

- Monitor transaction status;

- Fully view transaction details and their responses;

- Generate a unique DCN and TCN combination per new transaction;

- Amend existing transactions and resubmit with the same DCN and a new TCN when an error is returned;

- Retain and delete transactions and their replies by DCN/TCN for a specified period of time;

- Display transactions and their responses (e.g., CAR, MAP, REF, SRE, ERRT) in a user friendly format; and

- Print the transactions (e.g., CAR, MAP, REF) in an RCMP approved format on an FBI certified printer.

2.3.3   BILINGUAL SUPPORT

It is recommended that devices are capable of operating in either English or French. Users should be able to do all processing in either language, including a selection of drop-downs, pick-lists, tag names, and on-line help. Accents are not supported within RTID and all data is stored in capitals.

2.3.4   STORAGE

An EFCD should have the ability to store transactions for a configurable period of time. This is necessary in the event the RTID System is offline. It is also necessary when agencies wait for criminal charges to be sworn before submitting them to the RTID System. It allows the user agency a method to add and edit transaction data (e.g., charge, biometric, and demographic) before it is transmitted to the RTID System. Finally, it shall only allow an agency to correct any invalid data (i.e., biometric or demographic data) if the RTID System returns an Error Tenprint Transaction (ERRT).

2.3.5   SYSTEM TABLE UPDATES

The System Table Version Number (STV tag 2.8911) is a mandatory tag in all transaction types. This number indicates the version of RTID System tables being used. If any of the reference tables, such as the MAP Application Types Table (APT tag 2.869) are updated, the System Table Version Number will be incremented. The Federal Statutes Table has its own version number found in Federal Statutes' Charge Table Version Number (CGV tag 2.831). These tables may be updated at any time. Vendors should design their systems to allow RTID System table updates easily and quickly. The mechanism by which RCMP-NPS will distribute new version of system tables is to be determined. Updates to the system tables do not require new versions of this NPS-NIST-ICD.

2.4   Printers

Certified printers must be capable of printing the RTID System finger/palm print forms (Criminal, Civil, and Refugee) as well as the responses from the RTID System. The printer's principle function is to produce 1:1 fingerprints that have met formatted requirements as specified in EBTS v10.0 Appendix F and ANSI/NIST in order to support fingerprint comparison.

2.5   Finger/Palm Print Sequence Checks

The EFCD must run a sequence check to ensure that there are no position errors in the finger/palm print images. This is performed, prior to submitting the file to the RTID System, by validating the rolled images against the plain images to ensure that the fingerprints from the rolled images are in sequence with the fingerprints in the plain images. The sequence check will determine whether any rolled images are identified incorrectly. For example, if the sequence check indicates that the rolled Right Middle finger does not match to the Right Middle finger in the Plain Right Four Fingers impression, this indicates that the rolled fingerprint impressions for the right hand may be out of sequence or the same finger may have been rolled twice. If this validation raises any warnings, the device should force the user to retake the fingerprint impression(s) until the sequence is correct.

If palms are being captured, then the upper palm must be compared to the plain impressions and the lower palm must be compared to the upper palm. This will validate that the palms are associated to the correct hand.

For ID Flats, the EFCD must run a segmentation validation on each image to ensure that there are no segment position errors:

- For image number 13 (Right Four) with no missing finger, the segment positions are encoded as finger numbers 02, 03, 04, 05, and the coordinates for segment position are arranged from left to right within the image;

- For image number 14 (Left Four) with no missing finger, the segment positions are encoded as finger numbers 07, 08, 09, 10, and the coordinates for segment position are arranged from right to left within the image;

- For image number 15 (Left and Right Thumb) with no missing thumbs, the segment positions are encoded as finger numbers 06 and 01, and the coordinates for segment position are arranged from right to left within the image.

2.6   Biometric Consent Check

For civil transactions requiring a fingerprint for biometric consent, the EFCD shall validate the captured biometric consent fingerprint matches one of the corresponding fingerprints previously captured for the same transaction.

Refer to Section 4.5 – Type-14 Data Definition (Fingerprint Image Data)4.5: Type-14 Data Definition (Fingerprint Image Data) for more information.

2.7   Agency Network Considerations

The EFCD must be capable of establishing a secure Virtual Private Network (VPN) that will allow the contributor to connect to the RTID System. This includes all security issues such as certificate-based 2 Factor Authentication, encryption, network protocols, ports, firewalls, etc.

2.8   Exchange with FBI

A contributor may be authorized to request a fingerprint search of the FBI Next Generation Identification (NGI) System. The FBI search response (FBI SRE) or error (FBI ERRT) is returned electronically to the contributor. This FBI SRE will be in addition to the SRE returned for the domestic search. An FBI SRE or FBI ERRT will only be returned if the RCMP SRE is received. If a Canadian ERRT is received, then an FBI search will not be sent.

2.9   Exchange with International Countries

A contributor may be authorized to request a fingerprint search of specific International countries. There is no electronic response for International searches. A paper response will be returned to the contributor for each International search performed.

Refer to Table A-6: Country Codes for a list of countries that allow for an International search.

2.10   RTID Agency Profile

The RTID System maintains an Agency Profile for each authorized Contributing Agency based on the ORI (RTID Agency Identifier). The Agency Profile contains information such as the transactions that the agency is authorized to submit and an email address that will be used to send responses back to the agency.

Civil transactions are complex; therefore, more details concerning MAP transactions are provided herein. There are five generic profiles defining the civil application types an agency can be authorized to submit. Each of the following profiles must be designed to reflect the privileges of the agency profile type they are qualified for:

- Federal Government Agency;

- Private Fingerprinting Agency;

- Police Agency;

- RCMP Agency; and

- Provincial Agency.

Business rules, 3rd party waiver restrictions, bioconsent authorization, and Vulnerable sector restrictions will be expanded in the Best Practices for the Implementation of Civil Efficiencies of Electronic Fingerprint Capture Device Workflows.

Table 2-7: Civil Generic Agency Profiles						
Application Type	**Code**	**Federal Government Agency**	**Private Fingerprint Agency**	**Police Agency**	**RCMP Agency**	**Provincial Government Agency**
Employment (Private	7		✓	✓	✓	

Table 2-7: Civil Generic Agency Profiles

Application Type	Code	Federal Government Agency	Private Fingerprint Agency	Police Agency	RCMP Agency	Provincial Government Agency
Industry)						
Criminal Record Check for Personal Use Request	10					
• For Suspended Record	1001		✓	✓	✓	
• For Active Criminal Record	1002		✓	✓	✓	
• Other (Provide Details)	1003		✓	✓	✓	
Adoption (CDN / International)	11		✓	✓	✓	
Permanent Resident Status	12	✓	✓	✓	✓	
Employment (Provincial Government)	20		✓	✓	✓	✓
Federal Government	21	✓	✓	✓	✓	
Employment (Other)	22		✓	✓	✓	
Record Suspension Application	23		✓	✓	✓	
Volunteer Employment	25		✓	✓	✓	
Canadian Citizenship	26	✓	✓	✓	✓	
Criminal Record Modification	30		✓	✓	✓	
Visa / Border Crossing / Foreign Travel / Work	32		✓	✓	✓	
Employment (Police)	34					
• RCMP Member	3401		✓	✓	✓	
• RCMP Civilian Employee	3402		✓	✓	✓	
• Civilian Employee	3403		✓	✓	✓	
• Canadian Police Force	3404		✓	✓	✓	
• Police Reporting and Occurrence System (PROS) User	3405			✓	✓	
Other (Specify Reason)	39		✓	✓	✓	
National Sex Offender Registry	44			✓	✓	
Name Change	50					
• Alberta	5001		✓	✓	✓	
• British Columbia	5002		✓	✓	✓	
• Other	5003		✓	✓	✓	

3. TYPES OF TRANSACTIONS

Table 3-1: Types of Transactions (TOTs) below lists the NPS-NIST transactions and their responses. The transactions in this table are defined in more detail later in this section.

Table 3-1: Types of Transactions (TOTs)

NPS-NIST Transaction	Type of Transaction	Response	Error	Acknowledge
Criminal Tenprint Transaction Ret Y	CAR	SRE	ERRT	ACKT
Criminal Tenprint Transaction Ret N	CAR	SRE	ERRT	ACKT
Miscellaneous Applicant Civil	MAP	SRE	ERRT	ACKT
Refugee Transaction	REF	SRE	ERRT	ACKT
Image Request	IRQ	IRR	ERRI	n/a

3.1 Tenprint Transactions

This group of transactions includes the Criminal Tenprint Transaction Answer Required – Yes/No (CAR-Y, CAR-N), MAP, and REF transactions.

Note: These transactions must include at least one (1) fingerprint image.

3.1.1 CRIMINAL TENPRINT TRANSACTION RET Y (CAR-Y)

This transaction is a criminal fingerprint search which includes charge information and demographic data. It contains up to ten (10) rolled images and four (4) plain fingerprint images, up to three (3) photos, up to six (6) palm print images, as well as information relative to one or more charges. This transaction can only be submitted after the charges have been formally laid in court before a justice or judge. The finger/palm prints images contained in this transaction are retained.

The functionality of the CAR-Y transaction for internal Cardscans shall encompass the capture of a National DNA Data Bank Fingerprint Identification form, also referred to as a DNA 3801 form.

Internal Cardscans shall implement scanning of each document page contributing information to the CAR-Y and to include each scanned page as a Type-16 Record occurrence within the CAR-Y packet.

The CAR-Y transaction may include the following logical records:

- 1 Type-1 Header Record;
- 1 Type-2 Record (Data Descriptors);
- 1 – 14 Type-4 Records (10 Rolled and 4 Plain images; Finger Codes 01-14);

- 0 – 3 Type-10 Records (Photo Image);
- 0 – 6 Type-15 Records (Palm Print Image); and
- 0 – 20 Type-16 Records (Document Image – Internal Cardscan only).

The possible response transactions to the CAR-Y could include the following TOTs:

- 0 – 1 Acknowledgement Tenprint (ACKT);
- 0 – N Tenprint Search Results (SRE); and
- 0 – N Error Tenprint Transaction (ERRT).

3.1.2   CRIMINAL TENPRINT TRANSACTION RET N (CAR-N)

This transaction is used to establish the identity of an individual using a fingerprint and optionally palm print search. The fingerprints and transaction information are not stored. It is the responsibility of the contributor to ensure that they have the legal authority to fingerprint the subject of the inquiry. A CAR-N may also be used to establish the identity for individuals with amnesia or loss of capacity.

The CAR-N transaction may include the following logical records:

- 1 Type-1 Header Record;
- 1 Type-2 Record (Data Descriptors);
- 1 – 14 Type-4 Records (10 Rolled and 4 Plain images; Finger Codes 01-14);
- 0 – 6 Type-15 Records (Palm Print Image); and
- 0 – 20 Type-16 Records (Document Image – Internal Cardscans only).

The possible response transactions to the CAR-N could include the following TOTs:

- 0 – 1 Acknowledgement Tenprint (ACKT);
- 0 – N Tenprint Search Results (SRE); and
- 0 – N Error Tenprint Transaction (ERRT).

Note: Type-10 (Photo Image) records are not allowed with CAR-N transactions. Agencies can develop their software to capture a Type-10 record for their internal purposes however a CAR-N transaction will fail validation if it is received with a Type-10 record.

3.1.3   MISCELLANEOUS APPLICANT CIVIL (MAP)

This transaction is used to perform fingerprint-based searches for civil purposes. Some examples include employment, adoption, citizenship, foreign travel, and volunteer positions. The fingerprints and transaction information are not retained. A vulnerable sector check can also be requested if applicable. An SRE is returned that contains either the search results or an indication that a hardcopy or email result has been returned to the authorized recipient.

A MAP transaction can contain fingerprint impressions as either Rolled & Plain (up to fourteen (14) Type-4 Records) or ID Flats (up to three (3) Type-14 Records). If required a MAP transaction may also include one (1) Type-14 record as a biometric consent image and one (1) Type-10 record as a photo.

Internal Cardscans shall implement scanning of each document page contributing information to the MAP transaction and to include each scanned page as a Type-16 Record occurrence within the MAP packet.

The MAP transaction may include the following logical records:

- 1 Type-1 Header Record;

- 1 Type-2 Record (Data Descriptors);

- 2 – 14 Type-4 Records (10 Rolled and 4 Plain images; Finger Codes 01-14);

- 0 – 1 Type-10 Records (Frontal Photo Image Only);

- 0 – 1 Type-14 records (Additional Type-14 record containing a Plain Finger for Biometric Consent where required); and

- 0 – 20 Type-16 Records (Document Image – Internal Cardscans only).

  OR

- 1 Type-1 Header Record;

- 1 Type-2 Record (Data Descriptors);

- 1 – 3 Type-14 Records (2 plain impressions of the four (4) fingers from each hand captured simultaneously (Finger Position Codes 13 & 14) and 1 Plain impression of both thumbs captured simultaneously (Finger Position Code 15) for ID Flats);

- 0 – 1 Type-10 Records (Frontal Photo Image Only);

- 0 – 1 Type-14 records (Biometric Consent Image containing a Type-14 record of an individual Finger where required; Finger Code 01 to 10); and

- 0 – 20 Type-16 Records (Document Image – Internal Cardscans only).

The possible response transactions to the MAP may include the following TOTs:

- 0 – 1 Acknowledgement Tenprint (ACKT);

- 0 – N Tenprint Search Results (SRE); and

- 0 – N Error Tenprint Transaction (ERRT).

Notes:

- The biometric consent image will always be a Type-14 record;

- The fingerprint images used for searching (excluding the Biometric Consent Image) must either be all Type-4 records (Rolled & Plain) or all Type-14 records (ID Flats);

- For the rules concerning when a MAP transaction requires a Type-10 Photo and/or a Type-14 Biometric Consent Image refer to the document – Best Practices for the Implementation of Civil Efficiencies of Electronic Fingerprint Capture Device Workflows.

3.1.4   REFUGEE TRANSACTION (REF)

This transaction is used to submit Refugee fingerprints for search against the RTID System and is restricted to the Canada Border Services Agency (CBSA) or authorized police agencies.

Internal Cardscans shall implement scanning of each document page contributing information to the REF transaction and to include each scanned page as a Type-16 Record occurrence within the REF packet.

The REF Transaction may include the following logical records:

- 1 Type-1 Header Record;
- 1 Type-2 Record (Data Descriptors);
- 1 – 14 Type-4 Records (10 Rolled and 4 Plain images; Finger Codes 01-14);
- 0 – 3 Type-10 Records (Photo Image);
- 0 – 6 Type-15 Records (Palm Print Image); and
- 0 – 20 Type-16 Records (Document Image – Internal Cardscans only).

The possible response transactions to the REF may include the following TOTs:

- 0 – 1 Acknowledgement Tenprint (ACKT);
- 0 – N Tenprint Search results (SRE); and
- 0 – N Error Tenprint Transaction (ERRT).

3.2   Image Request (IRQ)

This transaction allows authorized contributors to request fingerprint and/or palm print images of one (1) individual by file number. The contributor can request the fingerprints and/or palm prints from a specific transaction by DCN and file number or a composite set of the best images for the file if no DCN is provided.

IRQ shall not be supported for Cardscan and Livescan devices.

The IRQ transaction may include the following logical records:

- 1 Type-1 Header Record; and
- 1 Type-2 Record (Data Descriptors).

The possible response transactions to the IRQ include:

- 0 – 1 Image Request Response (IRR); and
- 0 – 1 Error Image Request (ERRI).

3.3   Results and Responses

3.3.1   TENPRINT SEARCH RESULTS (SRE)

This transaction is returned in response to a completed CAR, MAP, or REF transaction. It contains the results of the fingerprint search from the RTID System. If an FBI search was requested, the FBI result shall be sent in a separate SRE.

The SRE Transaction may include the following logical records:

- 1 Type-1 Header Record; and

- 1 Type-2 Record (Data Descriptors).

3.3.2   IMAGE REQUEST RESPONSE (IRR)

This transaction is returned in response to an IRQ transaction. It will contain the requested Type-4 or Type-14 fingerprint images and/or Type-15 palm print images.

Note: A composite set of fingerprints can be returned as a combination of rolled, plain and/or ID Flats in Type-14 records.

IRR shall not be supported for Cardscan or Livescan devices.

The IRR transaction may include the following logical records:

- 1 Type-1 Header Record;

- 1 Type-2 Record (Data Descriptors);

- 0 – 14 Type-4 Records (Fingerprint Image Records);

- 0 – 20 Type-9 Records (Minutiae Records);

- 0 – 14 Type-14 Records (Rolled, Plain, and/or ID Flat Impressions); and

- 0 – 6 Type-15 Records (Palm Print Records).

3.4   Acknowledgements

Acknowledgement transactions are returned to confirm that the submitted tenprint transaction (CAR, MAP, and REF) has passed the initial NIST validation and fingerprint quality check and is being processed. An error can still be returned even if an acknowledgement has been sent to the contributor.

3.4.1   ACKNOWLEDGEMENT TENPRINT (ACKT)

The ACKT transaction is returned for CAR, MAP, and REF transactions and will include the following logical records:

- 1 Type-1 Header Record; and
- 1 Type-2 Record (Data Descriptors).

3.5   Error Transactions

When the RTID System receives a transaction, the contents of the transaction are validated to ensure that it conforms to the NPS-NIST-ICD standards with regard to mandatory and conditional tag rules, tag format / content rules, and image quality rules, etc. If the transaction fails, this validation an error is returned. The intent of the error is to allow an agency to correct the error and resubmit the transaction.

The RTID System can return a Canadian ERRT or an FBI ERRT. A Canadian ERRT is differentiated from an FBI ERRT by the RCMP-NPS Results (RRES tag 2.875) which is set to "Y" for a Canadian search request and "N" for an FBI search request.

If a Canadian ERRT is returned, the re-submission transaction must be the same type of transaction as the original transaction. For example; if the original transaction was a CAR-Y, then if it is resubmitted, it must be a CAR-Y. The same applies to CAR-N, REF, and MAP transactions.

If a Canadian ERRT is returned and the transaction contains an FBI search request, the FBI search will not be sent due to the Canadian ERRT. A Canadian search can return an SRE and an FBI ERRT. An FBI ERRT does not allow the transaction to be resubmitted.

3.5.1   ERROR TENPRINT TRANSACTION (ERRT)

This transaction is returned by the RTID System in response to a tenprint transaction (CAR, MAP, and REF) that contains errors.

An ERRT can still be returned even if an ACKT was sent to the contributor.

The ERRT transaction will include the following logical records:

- 1 Type-1 Header Record; and
- 1 Type-2 Record (Data Descriptors).

3.5.2   ERROR IMAGE REQUEST (ERRI)

This transaction is returned by the RTID System in response to an IRQ transaction that contains errors.

ERRI shall not be supported for Cardscan or Livescan devices.

The ERRI transaction will include the following logical records:

- 1 Type-1 Header Record; and
- 1 Type-2 Record (Data Descriptors).

4. NIST DATA DEFINITIONS

The following section describes the individual tags that can be used to make up each logical record. They are sorted numerically. Refer to Section 5: Logical Record Formats to see which tags are required for each transaction type.

4.1 Type-1 Data Definitions (Header Record)

The following section describes the data contained in the tags of the Type-1 header record. A Type-1 logical record is mandatory and will be included with every transaction. The last tag in the Type-1 record MUST contain a File/Record type separator (^F_S).

1.001: LEN   Logical Record Length

This mandatory ASCII tag contains the total count of the number of bytes in this Type-1 logical record. The total count is made up of every character of every tag contained in the record and includes the count of all character separators.

1.002: VER   ANSI/NIST Version Number

This mandatory ASCII tag identifies which version number of the ANSI/NIST specification was used to create the file. A value of "0502" should be entered in this tag which represents the ANSI/NIST ITL 1-2011 – Update 2015 specification.

1.003: CNT   File Content

This mandatory tag identifies the record types included in the file. The first occurrence lists the total number of logical records included in the file (excluding the type-1 record). Each subsequent occurrence will list the record type number and its associated IDC number (refer to individual record types for more information).

For example, if a file contains the following record types:

Table 4-1: Record Types Example	
Record Type Number	**IDC Number**
1	05
2	00
10	01
14	02
14	03
14	04

Tag 1.003 for the above file would contain the following:

$$1.003{:}1^U{}_S05^R{}_S2^U{}_S00^R{}_S10^U{}_S01^R{}_S14^U{}_S02^R{}_S14^U{}_S03^R{}_S14^U{}_S04^G{}_S$$

The first occurrence 1 & 05 means that there are 5 records not including the Type-1 record (1 Type-2, 1 Type-10, and 3 Type-14) in this file. Each subsequent occurrence indicates the Record Type Number & the IDC number of that record: 2 & 00, 10 & 01, 14 & 02, etc.

1.004: TOT   Type of Transaction

This mandatory tag contains an identifier, which designates the TOT and therefore how the RTID System will validate and process the transaction. Refer to Section 3: Types of Transactions for a list of valid TOTs.

1.005: DAT   Date of Submission

This mandatory tag contains the local date that the transaction was submitted to the RTID System and not the date the transaction was created.

For example; if a transaction was created on January 02, 2015 but was submitted on January 15, 2015 then this tag would contain the value 20150115. If an error was returned and this transaction was resubmitted on January 20, 2015 then this tag would contain 20150120.

The RCMP RTID System does not accept future-dated transactions after time-zone adjustment.

Refer to Section 2.1.13: Date and Time Fields for additional formatting information.

1.006: PRY   Priority

This mandatory tag contains a number that designates the urgency of the transaction. Priorities range from 1 to 9 where 1 is the highest priority and 9 is the lowest. The priority for each transaction should be set to 4 (default) unless a specific reason exists to enter a higher priority. In general, most transaction priorities are assigned by the RTID System to meet service level objectives established by the RCMP therefore; the priority values assigned by a contributor may not be observed.

1.007: DAI   Destination Agency Identifier

This mandatory tag contains the 7-character, alphanumeric RTID Agency Identifier of the agency designated to receive the transaction. When submitting a transaction to the RTID System, this tag contains the RTID Agency Identifier of the RTID System (provided by RCMP). In responses from the RTID System, this tag contains the RTID Agency Identifier of the Submitting Agency of the incoming transaction. Any transactions containing an invalid Destination Agency Identifier will be rejected.

Refer to Section 2.1.4: RTID Agency Identifier (ORI) for the format of the Destination Agency Identifier.

1.008: OAI   Originating Agency Identifier

This mandatory tag contains the 7-character, alphanumeric RTID Agency Identifier of the agency originating the transaction. When submitting a transaction to the RTID System this tag contains the RTID Agency Identifier of the Contributing Agency. In responses from the RTID System this tag contains the RTID Agency Identifier of the RTID System. Any transactions containing an invalid Originating Agency Identifier will be rejected.

Refer to Section 2.1.4: RTID Agency Identifier (ORI) for the format of the Originating Agency Identifier.

1.009: TCN   Transaction Control Number

This mandatory tag contains a transaction control number used to identify a specific transaction. For incoming transactions, the TCN is generated by the Contributing Agency device or system. For responses from the RTID System the TCN does not follow the same formatting rules as for incoming transaction.

Incoming transactions will contain a 13-digit numeric TCN in the following format:

<7-digit numeric RTID Identifier>+<6-digit sequence number>

Where:

   7-Digit numeric TCN Prefix – the numeric RTID agency identifier*

   6-digit Sequence Number – starts at 000000 and increases by 1 for every transaction.

Example:

   TCN 0312345000011 = <0312345> + <000011>

Where:

   0312345 is ORI NS12345 (an agency in Nova Scotia)*

   000011 is the sequence number.

*Refer to Section 2.1.4: RTID Agency Identifier (ORI) for the format of the RTID Agency Identifier.

An alternative format for the 6-digit sequential number could be subdivided as shown below. The device ID further individualizes the transaction to a specific device where multiple devices are located at the same agency using the same ORI. This alternative format shall be used for RCMP internal Cardscans.

<2-digit device ID>+<4-digit sequential number>.

1.010: TCR   Transaction Control Reference Number

This optional tag will only be populated in response transactions by the RTID System, referencing the TCN of the submitted transactions.

Example,

CAR: TCN = T1, DCN = D1
   ACKT: TCN = T2, TCR = T1, DCN = D1
   SRE: TCN = T3, TCR = T1, DCN = D1

1.011: NSR   Native Scanning Resolution

This mandatory tag specifies the native scanning resolution of the AFIS or other fingerprint or Palm print image capture device supported by the originator of the transmission. This tag permits the recipient of this transaction to send response data at a transmitting resolution tailored to the Native Scanning Resolution (if it is able to do so) or to the minimum scanning resolution. This tag contains five bytes specifying the native scanning resolution in pixels per millimeter. The resolution is expressed as two numeric characters followed by a decimal point and two more numeric characters (e.g., 19.69). This tag is required because the interchange of fingerprint information between systems of the same manufacturer may, in some instances, be more efficiently done at a transmitting resolution equal to the native scanning resolution of the system rather than at the minimum scanning resolution specified in this standard.

1.012: NTR   Nominal Transmitting Resolution

This mandatory tag specifies the nominal transmitting resolution for the fingerprint image or palm print images contained in the file. This tag contains five (5) bytes specifying the transmitting resolution in pixels per millimeter. The resolution is expressed as two numeric characters followed by a decimal point and two more numeric characters (e.g., 19.69). The transmitting resolution must be within the range specified by the transmitting resolution requirement.

1.014: GMT   Greenwich Mean Time

This optional tag eliminates the local time inconsistencies encountered when a transaction and its response are transmitted between two places separated by time zones. If used, the Greenwich Mean Time tag contains the universal date of the local date contained in the Date of Submission (DAT tag 1.005). It is represented by a 15-character string that is the combination of the GMT date and time and concludes with a "Z" (for example: *ccyymmddhhMMssZ*). If an incoming transaction contains a GMT value that is dated in the future when compared to the RTID System derivation of GMT, the transaction will fail validation.

4.2   Type-2 Data Definitions (Descriptive Text)

The following section describes the data contained in the tags of the Type-2 logical record. A Type-2 logical record is mandatory and will be included with every transaction. The last tag in the Type-2 record must contain a File/Record type separator (^F_S).

2.001: LEN   Logical Record Length

This mandatory ASCII field shall contain the length of the logical record specifying the total number of bytes, including every character of every field contained in the record.

2.002: IDC   Image Designation Character

This mandatory tag is used to identify the Type-2 record. This IDC number must match the IDC number entered in the Type-1 field File Content (CNT tag 1.003).

2.067: IMA   Image Capture Equipment

This mandatory free-text field contains the make, model, and serial number of the scanner block or flatbed scanner used to digitize the fingerprints and palm prints, as required. The device should automatically populate this field without the user having to manually input this information.

2.800: DCN   Document Control Number

The Document Control Number is used to uniquely identify and track a particular transaction throughout its lifetime. Each DCN must be unique and in the following format:

CYYJJJnnNNNNNnnnnESK

Where:

C   Current century ("0" = 19xx, "1" = 20xx)

YY   Last two digits of current year (i.e., "16" if 2016)

JJJ   Julian Date or days since January 1st (i.e., "032" if Feb 01)

nnNNNNN   7-digit numeric RTID Agency Identifier of the Submitting Agency

nnnn   A 4-digit sequential number that ensures uniqueness – see below

E External Flag – see below

S Document Flag – see below

K Check digit (see Calculation below).

External Format Flag

The external flag indicates where the DCN was created. Permissible values for this tag are 1, 2 or 3. The values in this flag can be used to extend the number of unique DCNs that can be submitted for the same date.

Document Flag

The document flag indicates the device type used to capture the transaction. Always use value 0 for external devices. RCMP internal Cardscan device must always use 1.

Sequential Number

The sequential number starts at 0000. It can be reset to 0000 either daily or when it reaches 9999. Use whichever method works best to ensure the uniqueness of the DCN.

Note: For RCMP internal Cardscans the 4-digit sequential number shall be subdivided as a 2-digit device id and a 2-digit sequential number. The device ID further individualizes the transaction to a specific device where multiple devices are located at the same agency.

Check Digit Calculation

The check digit is calculated using modulo 10. It uses alternating 1, 3 weightings. The weightings are arranged from right to left so that the farthest right number receives a 3, the next number receives a 1, then a 3, and so on until it reaches the farthest left number. So when calculating the DCN check digit, the 19th character would receive a 3 weighting, the 18th character a 1, etc. Once the check digit is calculated it is added after the 19-digit number to create a 20-digit DCN which is entered in the DCN field (DCN tag 2.800).

Below is an example of calculating the check digit for a 6-digit number. A 6-digit number is used for simplicity. The exact same process is used to calculate the check digit for the DCN.

Data Characters: 5 4 3 8 2 7

Weights: 1 3 1 3 1 3

Weighted Sum = (1x5) + (3x4) + (1x3) + (3x8) + (1x2) + (3x7) = 67

Check Digit: 3 (67 + 3 = 70, the next integer ending in 0)

Final Number (ending with the check digit): 543827**3**

2.801: FPS   Fingerprint Section Number

The FPS is the primary key under which criminal data is stored within the RCMP. The NPS-NIST-ICD expects the FPS in the external format as a 1-to-6 digit numeric or a 1-to-6 digit numeric followed by a letter. RTID accepts leading zeroes within the FPS value. Examples of valid FPS numbers 12345 or 012345, 456F or 000456F.

2.802: ADR   Home Address

This tag is used to capture the individual's home address. This tag consists of sub-tags Street Name and Number, City, Province/State Code, Postal Code / Zip Code, Country Name, and Country Code.

Refer to Table A-4: Province Codes in Appendix A: Tables for a list of numeric province codes. Refer to Table A-5: State Codes in Appendix A: Tables for a list of US State codes. Refer to Table A-6: Country Codes in Appendix A: Tables for a list of country codes.

The format of the postal code must be AnA<space>nAn where A is any alphabetic character (A to Z) and n is any digit between 0 and 9 when the Country Code equals 124 (Canada).

The Country Name must only be included when Country Code is 998 (Other).

If Country Code equals 124 (Canada) then the Province/State Code can only contain values 01 to 13 (Canadian Province).

If Country Code equals 840 (USA) then Province/State Code can only contain values 20 to 73 (US State).

If Country Code does not equal 124 or 840 then Province/State Code must be empty.

2.803: OCC   Occupation & Employer Name

(Deprecated tag)

This tag formerly contained the type of occupation and the name of the employer, or potential employer, if used in a MAP transaction.

2.804: IRN   Contributor Individual Reference Number

This tag is a reference number that is assigned by the contributor to uniquely identify an individual. When this tag is included in an incoming tenprint transaction the SRE response will echo back the reference number in a sub-field of Contributor Supplied Reference Information (CREF tag 2.8952).

2.806: NAME   Primary Name

This tag is used to capture the individual's primary name (Surname, Given Names 1 to 4). Enter the name found on their identification cards or the name they are charged under. All names must not begin or end with a space or any other allowable special character or contain only a space or any other allowable special character.

Given names must be populated in order from 1 to 4 with no empty fields allowed. For example, if a Given Name 3 is provided, then a Given Name 1 and 2 must also be provided.

Note: For MAP transactions with an Application Type "NAME CHANGE" (i.e., APT tag 2.869 = 50) this tag will contain the new name.

2.807: SEX   Sex

This tag is used to capture the individual's sex. The entry is a single character selected from the following table.

Table 4-2: 2.807 – Sex Codes		
Code	**English Description**	**French Description**
M	Male	Masculin
F	Female	Féminin
U	Unknown	Inconnu

2.808: HAI   Hair Colour

This tag is used to capture the individual's hair colour. The entry is a two-digit code from the following table.

Table 4-3: 2.808 – Hair Colour Codes		
Code	**English Description**	**French Description**
00	Unknown	Inconnu
01	Bald	Chauve
02	Black	Noir
03	Blonde	Blond
04	Brown	Brun
05	Grey	Gris
06	Red	Roux
07	White	Blanc

2.809: EYE   Eye Colour

This tag is used to capture the individual's eye colour. Up to two (2) eye colour choices are allowed if the eyes are different colours. In such case, the colour of the left eye shall be entered first and the colour of the right eye entered second. The eye colour code must be selected from the following table.

Table 4-4: 2.809 – Eye Colour Codes		
Code	**English Description**	**French Description**
A	Brown	Brun
D	Grey	Gris
G	Green	Vert
H	Hazel	Noisette

Table 4-4: 2.809 – Eye Colour Codes		
Code	**English Description**	**French Description**
K	Black	Noir
M	Maroon	Marron
W	Blue	Bleu
U	Unknown	Inconnu

2.810: HGT   Height

This tag is used to capture the individual's height in centimeters. Valid height range shall be 91 to 251 cm. No decimal points shall be used. Enter 0 if the height is unknown.

2.811: WGT   Weight

This tag is used to capture the individual's weight in kilograms. Valid weight range shall be 23 to 227 kg. No decimal points shall be used. Enter 0 if the weight is unknown.

2.814: RACE   Race Descent

This tag is used to capture the observable race of the individual. The race code must be selected from the following table.

Table 4-5: 2.814 – Race Codes		
Code	**English Description**	**French Description**
W	White	Blanc
N	Non-White	Non-Blanc
U	Unknown	Inconnu

2.815: POB   Place of Birth

This tag is used to capture the individual's Place of Birth. The place of birth code must be selected from the following table.

Table 4-6: 2.815 – Place of Birth Codes		
Code	**English Description**	**French Description**
A	USA	États-Unis
B	British Columbia	Colombie-Britannique
E	Europe	Europe
F	Newfoundland And Labrador	Terre-neuve et labrador
H	New Brunswick	Nouveau-Brunswick
K	United Kingdom	Royaume-Uni
L	Other	Autre

Table 4-6: 2.815 – Place of Birth Codes

Code	English Description	French Description
M	Manitoba	Manitoba
O	Ontario	Ontario
P	Prince Edward Island	Île-du-Prince-Édouard
Q	Quebec	Québec
S	Saskatchewan	Saskatchewan
T	Northwest Territories, Yukon, Nunavut	Territoires du nord-ouest, Yukon, Nunavut
U	Alberta	Alberta
Z	Nova Scotia	Nouvelle-Écosse
N	Unknown	Inconnu

2.816: FLG   Caution Flags

This tag is used to report if caution should be exercised when dealing with an individual. A CAR-Y transaction should not contain duplicate caution flags. The caution flag code must be selected from the following table.

Table 4-7: 2.816 – Caution Codes

Code	English Description	French Description
E	Escape Custody	Histoire de fuite
F	Violence	Violent
S	*DEPRECATED VALUE*	

2.817: CTR   Response to Agency Identifier

This tag is used to capture the RTID Agency Identifier (ORI) of another organization that is authorized to receive results from a fingerprint search. This tag is only available for MAP transactions in support of the RCMP civil processing. For more information, refer to the Best Practices for the Implementation of Civil Efficiencies of Electronic Capture Device Workflows document.

2.818: YPF   Young Person Flag

This tag is used to report when a CAR-Y transaction contains at least one Young Person (YP) Charge (CHG tag 2.829 sub-tag Young Person Flag). If the young person flag is set to "J" for at least one individual charge, then the entire CAR-Y transaction is considered a young person transaction and therefore this tag must be set to "J".

2.819: LGF   Language Flag

This tag is used to capture the language of the transaction. The language must be consistent throughout the transaction with the value of this flag. It is not permissible to mix

French and English in the same transaction. The language flag must be selected from the following table.

Table 4-8: 2.819 – Language Flag		
Code	**English Description**	**French Description**
E	English	Anglais
F	French	Français

2.822: CPX   Complexion

(Deprecated tag)

This tag formerly described the facial complexion of the individual.

2.823: MKS   Marks, Scars, Tattoos

This tag is used to capture any marks, scars, and tattoos on an individual. It is made up of a code from the mark/scar table (Table 4-9: 2.823 "A" – Mark, Scar, Tattoo Codes), a code from the body location table (Table 4-10: 2.823 "B" – Body Location Codes) and an optional free-text description.

Table 4-9: 2.823 "A" – Mark, Scar, Tattoo Codes		
Code	**English Description**	**French Description**
A	Amputated	Amputation
B	Break	Fracture
D	Deformity	Difformités
F	Foreign Substance	Corps étranger
M	Mark	Marque
P	Peculiarity	Trait caractéristique
S	Scar	Cicatrice
T	Tattoo	Tatouage
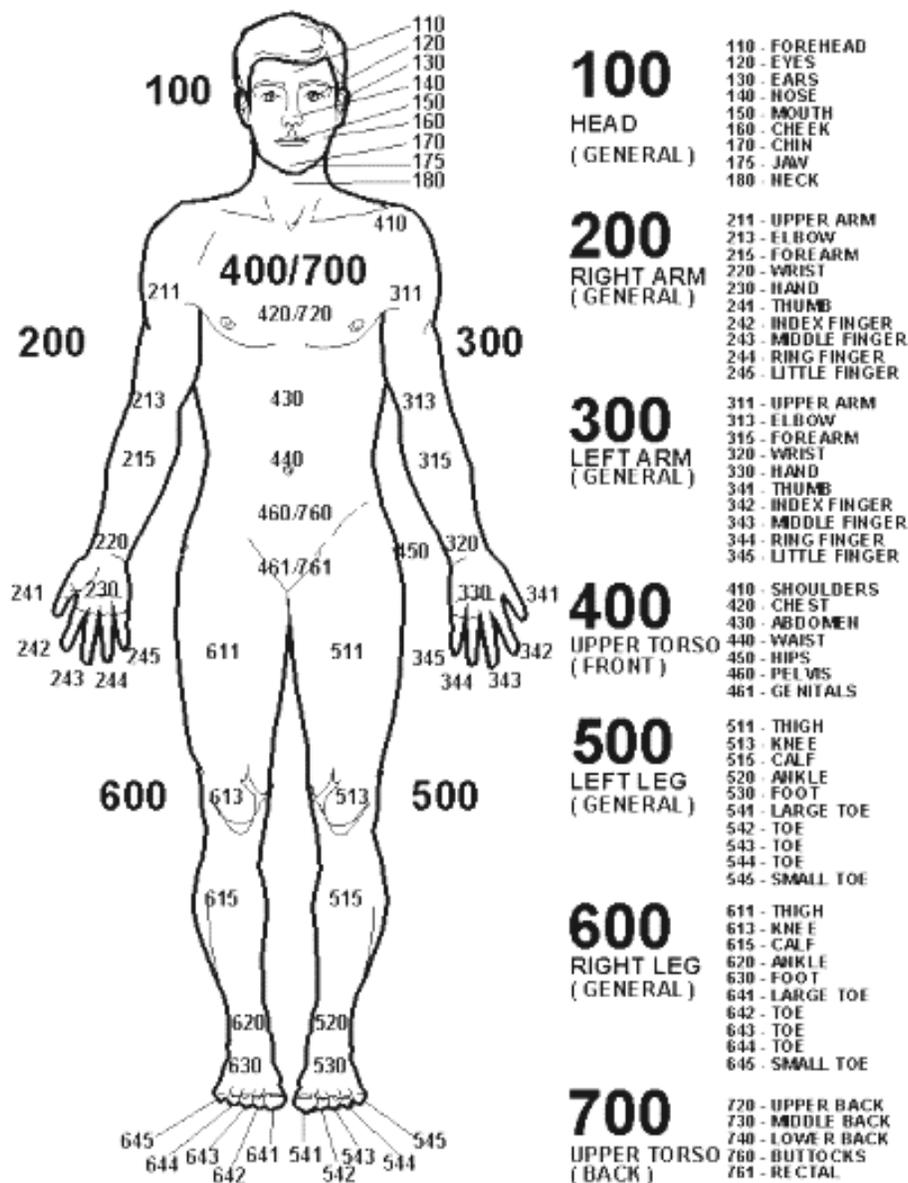
Figure 4-1: Body Location Codes

Table 4-10: 2.823 "B" – Body Location Codes		
Code	**English Description**	**French Description**
000	No Body Area Involved	Pas de partie du corps concernée
100	Head (General)	Tête (général)
101	Head (Right Side)	Tête (cote droit)
102	Head (Left Side)	Tête (cote gauche)
103	Head (Back)	Tête (arrière)
110	Forehead	Front
120	Eyes (General)	Yeux (général)
121	Eye (Right)	Œil (droit)
122	Eye (Left)	Œil (gauche)

Table 4-10: 2.823 "B" – Body Location Codes

Code	English Description	French Description
130	Ears (General)	Oreilles (général)
131	Ear (Right)	Oreille (droite)
132	Ear (Left)	Oreille (gauche)
140	Nose (General)	Nez (général)
141	Nostril (Right)	Narine (droite)
142	Nostril (Left)	Narine (gauche)
150	Mouth	Bouche
151	Lip (Upper)	Lèvre (supérieure)
152	Lip (Lower)	Lèvre (inférieure)
153	Tongue	Langue
160	Cheek (General)	Joue (général)
161	Cheek (Right)	Joue (droite)
162	Cheek (Left)	Joue (gauche)
170	Chin	Menton
175	Jaw (General)	Mâchoire (général)
176	Jaw (Right)	Mâchoire (droite)
177	Jaw (Left)	Mâchoire (gauche)
180	Neck (General)	Cou (général)
181	Neck (Right)	Cou (droit)
182	Neck (Left)	Cou (gauche)
183	Neck (Front)	Cou (frontal)
184	Neck (Back)	Cou (arrière)
200	Arm (Right General)	Bras (droit, général)
211	Arm (Right Upper)	Haut du bras (droit)
213	Elbow (Right)	Coude (droit)
215	Forearm (Right)	Avant-bras (droit)
220	Wrist (Right)	Poignet (droit)
230	Hand (Right)	Main (droite)
241	Thumb (Right)	Pouce (droit)
242	Finger (Right Index)	Doigt (index, droit)
243	Finger (Right Middle)	Doigt (majeur, droit)
244	Finger (Right Ring)	Doigt (annulaire, droit)
245	Finger (Right Little)	Doigt (auriculaire, droite)
300	Arm (Left General)	Bras (gauche, général)
311	Arm (Left Upper)	Haut de bras (gauche)
313	Elbow (Left)	Coude (gauche)
315	Forearm (Left)	Avant-bras (gauche)
320	Wrist (Left)	Poignet (gauche)
330	Hand (Left)	Main (gauche)
341	Thumb (Left)	Pouce (gauche)
342	Finger (Left Index)	Doigt (index, gauche)
343	Finger (Left Middle)	Doigt (majeur, gauche)
344	Finger (Left Ring)	Doigt (annulaire, gauche)
345	Finger (Left Little)	Doigt (auriculaire, gauche)
400	Torso (Front Side)	Torse (devant)
410	Shoulders (General)	Épaules (général)

Table 4-10: 2.823 "B" – Body Location Codes

Code	English Description	French Description
411	Shoulder (Right)	Épaule (droite)
412	Shoulder (Left)	Épaule (gauche)
420	Chest	Poitrine
421	Chest (Right)	Poitrine (droit)
422	Chest (Left)	Poitrine (gauche)
430	Abdomen (General)	Abdomen (général)
431	Abdomen (Right)	Abdomen (droit)
432	Abdomen (Left)	Abdomen (gauche)
440	Waist	Taille
450	Hips (General)	Hanches (général)
451	Hip (Right)	Hanche (droite)
452	Hip (Left)	Hanche (gauche)
460	Pelvis (General)	Bassin (général)
461	Genitals	Organes génitaux
465	Pelvis (Right)	Bassin (droit)
466	Pelvis (Left)	Bassin (gauche)
500	Leg (Left General)	Jambe (gauche, général)
511	Thigh (Left)	Cuisse (gauche)
513	Knee (Left)	Genou (gauche)
514	Shin (Left)	Tibia (gauche)
515	Calf (Left)	Mollet (gauche)
520	Ankle (Left)	Cheville (gauche)
530	Foot (Left)	Pied (gauche)
541	Toe (Left Big)	Orteil (gros, gauche)
542	Toe (Left Second)	Orteil (deuxième, gauche)
543	Toe (Left Middle)	Orteil (troisième, gauche)
544	Toe (Left Fourth)	Orteil (quatrième, gauche)
545	Toe (Left Little)	Orteil (petit, gauche)
600	Leg (Right General)	Jambe (droite, général)
611	Thigh (Right)	Cuisse (droite)
613	Knee (Right)	Genou (droit)
614	Shin (Right)	Tibia (droit)
615	Calf (Right)	Mollet (droit)
620	Ankle (Right)	Cheville (droite)
630	Foot (Right)	Pied (droit)
641	Toe (Right Big)	Orteil (gros, droit)
642	Toe (Right Second)	Orteil (deuxième, droit)
643	Toe (Right Middle)	Orteil (troisième, droit)
644	Toe (Right Fourth)	Orteil (quatrième, droit)
645	Toe (Right Little)	Orteil (petit, droit)
700	Torso (Back Side)	Torse (dos)
720	Back (Upper General)	Dos (haut, général)
721	Back (Upper Right)	Dos (haut, cote droit)
722	Back (Upper Left)	Dos (haut, cote gauche)
730	Back (Middle)	Dos (milieu)
731	Back (Middle Right)	Dos (milieu, cote droit)

Table 4-10: 2.823 "B" – Body Location Codes		
Code	**English Description**	**French Description**
732	Back (Middle Left)	Dos (milieu, cote gauche)
740	Back (Lower General)	Bas du dos (général)
741	Back (Lower Right)	Dos (bas, cote droit)
742	Back (Lower Left)	Dos (bas, cote gauche)
760	Buttocks (General)	Fesses (général)
761	Rectal	Rectum
762	Buttock (Right)	Fesse (droite)
763	Buttock (Left)	Fesse (gauche)
999	Unknown	Inconnu

2.824: OTN   Other Names/Alias

This tag is used to report other names that are associated with the individual. These names could be a maiden name, former name (if they changed their name) nicknames, street names, etc.

Given names must be populated in order from 1 to 4 with no empty fields allowed. For example, if a Given Name 3 is provided, then Given Name 1 and 2 must also be provided. Each additional name should be entered as a separate occurrence within the tag.

All sub-tags must not begin or end with a space or any other allowable special character, or contain only a space or any other allowable character.

When submitting a MAP transaction of Application Type "NAME CHANGE" (application type 50), the previous name must be provided in this tag. If this tag is not provided in a Name Change Application, the transaction will fail validation.

2.826: NTS   Notepad Message

This tag is only found in the CAR-Y transaction. It is used when the user must clarify anything in the transaction or if there is any data item that extends beyond the maximum length for a particular tag. The contents of this tag may only be considered if the transaction is subject to manual intervention.

2.827: NMG   Narrative Message

This tag is used to clarify information about the transaction.

For incoming transactions, this tag is used when the user must clarify anything in the transaction or if there are any data items that extend beyond the maximum length for a particular tag. Normal processing of transactions will not take the contents of this tag into consideration. The contents of this tag may only be considered if the transaction is subject to manual intervention.

For response transactions (SRE, IRR, ERRT), this tag allows the RCMP to return a free-format message back to the contributor.

2.829: CHG   Charge Information

This tag is specific to the CAR-Y transaction type and contains information about one (1) or more charges against an individual that have been formally laid in court before a justice or judge. Submitting a CAR-Y transaction to the RCMP confirms that the charges have been formally laid in court.

Note: For more information on the Charge Information, refer to the Best Practices for the Implementation of Criminal Efficiencies of Electronic Fingerprint Capture Device Workflows document.

Each occurrence of a Charge is comprised of thirty-seven (37) sub-tags as follows:

Table 4-11: 2.829 – Sub-Tags

Field Number	Field Name	Description
1	Charge Number	A system-assigned number uniquely identifying a charge occurrence.
2	Offence Date	The date the offence occurred.
3	Investigating Agency	The agency that owns the file.
4	Occurrence Number	The occurrence or case number associated to the charge.
5	Number of Counts	The number of counts associated to the charge.
6	Young Person Flag	Identifies that the offender is a young person at the time of the offence.
7	Court Information Number	The reference number used by the court to reference the charge.
8	Statute Code of the Charge	An alpha code identifying a specific federal statute per the NPS-NIST-ICD code set. Refer to Table 4-12: 2.829 – Statute Codes.
9	Section Number of the Charge	A Section Number within the statute.
10	Wording Number	Wording associated to the charge. Multiple wordings for the same charge can exist.
11	Section Number of an Attempt or Conspiracy	This is associated with the section number and wording to indicate an attempt or conspiracy of that charge.
12	Charge Status Flag	Not currently in use.
13	Free Form Flag	A flag that indicates that the charge is not available in the Federal Statutes Table.
14	Charge Description 1	Line 1 of the charge wording.
15	Charge Description 2	Line 2 of the charge wording.
16	Charge Description 3	Line 3 of the charge wording.
17	Charge Description 4	Line 4 of the charge wording.
18	Charge Description 5	Line 5 of the charge wording.
19	Charge Description 6	Line 6 of the charge wording.
20	Charge Description 7	Line 7 of the charge wording.
21	Offence Information Code	Additional information related to the charge. Refer to Table 4-15: 2.829 – Offence Information Codes.
22	Victim Age Group	Age range of the victims. Refer to Table 4-16: 2.829 – Victim Age Group

Table 4-11: 2.829 – Sub-Tags

Field Number	Field Name	Description
	Code	Codes.
23	Victim Sex Code	The sex of the victims. Refer to Table 4-17: 2.829– Victim Sex Codes.
24	Publication Ban Indicator	A court order which prohibits the public or media from disseminating certain details of an otherwise public judicial proceeding.
25	Charge Description 8	Line 8 of the charge wording.
26	Charge Description 9	Line 9 of the charge wording.
27	Charge Description 10	Line 10 of the charge wording.
28	Charge Description 11	Line 11 of the charge wording.
29	Charge Description 12	Line 12 of the charge wording.
30	Charge Description 13	Line 13 of the charge wording.
31	Charge Description 14	Line 14 of the charge wording.
32	Charge Description 15	Line 15 of the charge wording.
33	Charge Description 16	Line 16 of the charge wording.
34	Charge Description 17	Line 17 of the charge wording.
35	Charge Description 18	Line 18 of the charge wording.
36	Charge Description 19	Line 19 of the charge wording.
37	Charge Description 20	Line 20 of the charge wording.

The statute codes must be selected from the following table.

Table 4-12: 2.829 – Statute Codes

Code	English Statute Name	French Statute Name
A	Aeronautics Act	Loi sur l'aéronautique
B	Bankruptcy And Insolvency Act	Loi sur la faillite et l'insolvabilité
C	Criminal Code	Code criminel
D	Controlled Drugs And Substances Act	Loi règlement certaines drogues et autres substances
E	Excise Act	Loi sur l'accise
F	Food And Drugs Act	Loi sur les aliments et drogues
G	Canada Elections Act	Loi électorale du canada
H	Cannabis Act	Loi sur le cannabis
I	Immigration Act	Loi sur l'immigration
J	Youth Criminal Justice Act	Loi sur sjp pour adolescents
K	Corrections And Conditional Release Act	Loi sur le système correctionnel et la mise en liberté sous condition
L	Income Tax Act	Loi de l'impôt sur le revenu
M	Immigration And Refugee Protection Act	Loi sur l'immigration et protection des réfugiés
N	Narcotic Control Act	Loi sur les stupéfiants
O	Other Federal Statute	Autre lois fédérale
P	Copyright Act	Loi sur le droit d'auteur
Q	Citizenship Act	Loi sur la citoyenneté
R	Railway Safety Act	Loi sur la sécurité ferroviaire
S	Excise Tax Act	Loi sur la taxe d'accise

Table 4-12: 2.829 – Statute Codes

Code	English Statute Name	French Statute Name
T	Proceeds Of Crime (Money Laundering) And Terrorist Financing Act	Loi sur le recyclage des produits de la criminalité et le financement des activités terroristes
U	Customs Act	Loi sur les douanes
X	Excise Act 2001	Loi de 2001 sur l'accise
Y	Young Offenders Act	Loi sur jeunes contrevenants
Z	Quarantine Act	Loi sur la mise en quarantaine

Note: The *Immigration Act* (code "I"), *Narcotic Control Act* (code "N") and the *Young Offenders Act* (code "Y") are no longer in force of law, however, charges for the same continue to be found in the Federal Statutes Table as expired provisions.

Each charge occurrence is identified with a Charge Number, which must be numbered sequentially starting at 001 and incremented by 1 for each subsequent occurrence (i.e., 001, 002, 003, and so on). If the charges are not numbered sequentially the transaction will fail validation and an ERRT returned.

Each CAR-Y transaction must contain at least one charge that is an indictable, summary, or hybrid offence. A CAR-Y transaction will be rejected (ERRT) if it contains only a straight-summary charge. A straight-summary charge is a charge from the Federal Statutes table where the "Summary Only Code" column contains an "S". A CAR-Y transaction will be accepted with straight-summary charges if the transaction also includes at least one other charge that is either an indictable, summary, or hybrid offence. Refer to row 23 (Summary Only Code) in Table A-7: CSV-Formatted Charge Data in Appendix A.

Whenever possible each charge occurrence (Statute Code, Section Number, Wording Number, and Charge Description) must come from the Federal Statutes Table. Contributors are only allowed to enter a charge as free-form text when a particular Statute and Section Number combination cannot be found in the Federal Statutes Table. When a charge is entered as free-form text, the Statute Code, Section Number, and from 1 to 20 lines of charge description must be entered. All Free Format charge entries are subject to review by the RCMP and may result in the return of an ERRT if it is determined the charge is available in the Federal Statutes Table or if the free-form description is not sufficiently clear and complete. See Free Format Rules below for more information.

The CAR-Y transaction will be rejected if the Offence Date (sub-field in CHG tag 2.829 sub-tag Offence Date) is after the Date Fingerprinted (DPR tag 2.8038).

The young person flag for any individual charge is set to "J" if the Offence Date (CHG tag 2.829 sub-tag Offence Date) minus the individual's Date of Birth (DOB tag 2.8022) is greater than twelve (12) but less than eighteen (18). If the young person flag is set to "J" for any individual charge, then the Young Person Flag (YPF tag 2.818) for the entire transaction must be set to "J" as well.

A CAR-Y transaction will be rejected (ERRT) if the Offence Date minus the individual's Date of Birth is less than twelve (12) years for any individual charge.

NPS-NIST Federal Statutes Table:

The most common federal statutes and statute section numbers under which an individual may be charged are found in the NPS-NIST Federal Statutes Table. The values found within it are subject to change, as legislative changes may introduce the need to add, expire, or amend certain sections within a statute. New versions of the table are normally distributed to CAR-Y contributors two times annually. Each release of the Federal Statutes Table is identified by a version number. Each CAR-Y transaction must reference which version number of the Federal Statutes Table was used in Federal Statutes' Charge Table Version Number (CGV tag 2.831).

Upon release of a new version of the Federal Statutes Table, the RCMP may provide notification of the expiration of one or more older versions of the table. A CAR-Y transaction may be rejected (ERRT) if CGV tag 2.831 references an expired version number of the table. Therefore, contributors should always upgrade their systems and devices to use the latest version of the Federal Statutes Table.

Contributors must use the NPS-NIST Federal Statutes Table, as is, without making local amendments to it. The charge wording description entered in CHG tag 2.829 sub-tag Charge Description must be taken directly from the Federal Statutes Table without change. The transaction may be rejected if there are inconsistencies between what is entered in CHG tag 2.829 and what appears in the Federal Statutes Table.

Each charge occurrence within the Federal Statutes Table contains many columns including a Statute Code, Section Number, Wording Number, Charge Wording, Proclamation Date, and Expiry Date. The Proclamation Date is the date on which the Statute, Section Number and Wording Number for that entry came into effect or was amended. Every entry within the table also has an Expiry Date which is the date when the Statute, Section Number, and Wording Number for that entry expired (no longer valid). An Expiry Date of 20500101 (January 1, 2050) is used when an entry is still valid and in effect.

The Comma-Separated Value (CSV) export file specification for the Federal Statutes Table can be found in [Table A-7: CSV-Formatted Charge Data](#) of Appendix A: Tables of this document.

Offence Date Rules:

In order for a Statute, Section Number, Wording Number chosen from the Federal Statutes Table to be valid it must be in effect on the date that the offence was committed. This means the offence date for the charge must be on or after the Proclamation Date and on or before the Expiry Date for the entry. Although this rule also applies to free-form charges it would be up to the operator to know this, the EFCD would not be able to enforce it.

The EFCDs should only present the operator combinations of Statutes, Section Numbers, and Wordings that are in effect on the date of the offence.

	Table 4-13: 2.829 – Charge Proclamation & Expiry Date Example				
Section Number	**Statute**	**Wording Number**	**Wording**	**Proclamation Date**	**Expiry Date**
253(A)	Criminal Code	1	DRIVING WHILE ABILITY IMPAIRED	1988-12-12	2008-07-01
253(1)(A)	Criminal Code	1	DRIVING WHILE ABILITY IMPAIRED	2008-07-02	2050-01-01

Note: An Expiry Date of 2050-01-01 (January 1, 2050) means an entry is valid and in effect.

When an individual is charged with "DRIVING WHILE ABILITY IMPAIRED" the RTID System only accepts Section 253(A) (wording 1) of the Criminal Code when the offence date is on or after December 12, 1988 OR on or before July 1, 2008.

When an individual is charged with "DRIVING WHILE ABILITY IMPAIRED" the RTID System only accepts Section 253(1)(A) (wording 1) of the Criminal Code when the offence date is on or after July 2, 2008 OR on or before January 1. 2050.

Free Format Rules:

The Contributor is only allowed to enter a charge as a free-text entry when a valid combination of Statute, Section Number and Wording cannot be found in the Federal Statutes Table. As well as entering all the other mandatory charge information, the user must also enter the charge wording on up to 20 lines of text with each line a maximum of 26 characters in length. The first line is mandatory. The last line on which text appears must contain the following:

"SEC" **<space>** Section Number **<space>** Statute Name.

For clarity the Statute Name should be written out in full instead of using the acronym. For example, enter "Aeronautics Act" instead of "AA".

Example:

An adult is charged with the following offence that occurred on November 25, 2015.

"No person shall make false representation for the purpose of obtaining a Canadian aviation document SEC 7.3(1) Aeronautics Act."

Since this offence (Statute, Section, and Wording) is not found in the Federal Statutes Table, the user is allowed to enter it as a free-format charge with the following charge entry details.

Charge Details (tag 2.829)

- Charge Number: 001
- Offence Date: 20151125
- Investigating Agency: RCMP OTTAWA

- Number of Counts: 001

- Statute Code of the Charge: A (i.e., Aeronautics Act)

- Section Number of Charge:

- Free-Form Charge: Y

- Charge Description 1: NO PERSON SHALL MAKE FALSE

- Charge Description 2: REPRESENTATION FOR THE

- Charge Description 3: PURPOSE OF OBTAINING A

- Charge Description 4: CANADIAN AVIATION DOCUMENT

- Charge Description 5: SEC 7.3(1) AERONAUTICS ACT

Mandatory Provision of Section Number and Statute:

The same Section Number may appear within different Statutes. Therefore, the user must always specify both the Statute and the Section Number.

For example, Section 155 exists under the Customs Act as

"UNLAWFUL POSSESSION OF IMPORTED GOODS SEC 155 CUSTOMS ACT"

and under the Criminal Code as

"INCEST SEC 155 CRIMINAL CODE"

Multiple Charge Wordings:

One (1) Statute and Section Number combination may have several wordings associated with it. In the Federal Statutes Table each wording will be identified by a different wording number. Each wording may have a different Proclamation Date and Expiry Date. The user must select the wording that is applicable to the charge based on the offence date.

For example, Section 342(1)(C) of the Criminal Code has four (4) separate wordings available. Depending on the offence date, not all wordings may be available for selection.

Table 4-14: 2.829 – Multiple Charge Wordings Example					
Section Number	**Statute**	**Wording #**	**Wording**	**Proclamation Date**	**Expiry Date**
342(1)(C)	Criminal Code	1	POSS OF CREDIT CARD	1988-12-12	2050-01-01
342(1)(C)	Criminal Code	2	USE OF CREDIT CARD	1988-12-12	2050-01-01
342(1)(C)	Criminal Code	3	TRAFFIC IN A CREDIT CARD	1997-06-16	2050-01-01
342(1)(C)	Criminal Code	4	DEAL WITH CREDIT CARD OBTAINED BY CRIME	1988-12-12	1997-06-16

Supplemental Offence Information:

Supplemental Offence Information is only added to the criminal record upon conviction. If it is known, contributors are allowed to submit it with their remand transactions.

1. Offence Information Code, as shown in Table 4-15: 2.829 – Offence Information Codes,

2. Victim Age Group Code, as shown in Table 4-16: 2.829 – Victim Age Group Codes.

3. Victim Sex Code, as shown in Table 4-17: 2.829– Victim Sex Codes,

4. Publication Ban Indicator. Valid values are 0 (No) or 1 (Yes). Default is 0.

Rules:

- Victim Age Group code becomes mandatory when Offence Information Code is equal to "C".
- Victim Sex Code becomes mandatory when Offence Information Code is equal to "C".
- Publication Ban Indicator can be entered any time for any charge occurrence.

The offence information codes must be selected from the following table.

Table 4-15: 2.829 – Offence Information Codes		
Code	**English Description**	**French Description**
C	Child Sex Offender	Agression sexuelle d'enfant
R	Sex Related	Infraction sexuelle
A	Spousal Assault	Violence conjugale
O	Other Family Violence	Autre type de violence familiale

The victim age group codes must be selected from the following table.

Table 4-16: 2.829 – Victim Age Group Codes		
Code	**English Description**	**French Description**
A	0-1	0-1
B	2-3	2-3
C	4-5	4-5
D	6-8	6-8
E	9-11	9-11
F	12-13	12-13
G	14-15	14-15
H	16-17	16-17
U	Unknown	Inconnu

The victim sex codes must be selected from the following table.

Table 4-17: 2.829– Victim Sex Codes		
Code	**English Description**	**French Description**
F	Female	Féminin
M	Male	Masculin
B	Both	Tous
U	Unknown	Inconnu

2.831: CGV   Federal Statutes Table Version Number

This tag contains the version number of the Federal Statutes Table the contributor used in the CAR-Y transaction. New versions are normally distributed two times annually. Upon release of a new version, the RCMP may provide notification of retirement of one or more older versions of the Federal Statutes Table. CAR-Y transactions referring to an unsupported version number may fail validation.

2.832: ITR   Image Type Requested

This tag is used to capture the image types (fingers, palms or both) the user wants to receive in response to their IRQ image request transaction. The image type requested codes must be selected from the following table.

Table 4-18: 2.832 – Image Type Requested Codes		
Code	**English Description**	**French Description**
00	All – Rolled, Plain And Palm	Tout – roulée, plaquée, paume
96	All Palm Impressions	Toutes les empreintes palmaires
97	All Rolled And Plain Impressions	Toutes les empreintes roulées

2.833: LOR   Language of Result

This tag is populated for specific civil application types to indicate the individual's or third party's language of response in the event that the result is positive and a hardcopy criminal record is being returned. Refer to Table 4-24: 2.869 – Civil Application Type Codes to determine which civil application types require a Language of Result value (where the Language Option column is set to "Yes").

The language of result code must be selected from the following table.

Table 4-19: 2.833 – Language of Result Codes		
Code	**English Description**	**French Description**
1	English	Anglais

<table>
<tr><td colspan="3">Table 4-19: 2.833 – Language of Result Codes</td></tr>
</table>

Code	English Description	French Description
2	French	Français
3	As Is	Tel quel

2.835: APR   Applicant Payment Remittance

This tag is only applicable to RCMP internal Cardscan devices.

This tag allows the user to capture the payment information for Civil transactions. The applicant may remit payment for one or more civil transactions.

When a payment accompanies the civil transaction(s), details shall be captured and encoded within the following sub-tags:

1. Remittance Type Code – describes the form of payment remitted; refer to Table 4-20: 2.835 – Remittance Type Codes;

2. Other Remittance Type Description – a free-form text field describing the form of payment when Remittance Type Code is equal to 9 (OTHER TYPE NOT IN LIST);

3. Remittance Amount – the full payment value measured according to Currency Code;

4. Currency Code – a code set that describes Canadian dollars and a limited number of foreign currencies; refer to Table 4-21: 2.835 – Currency Codes;

5. Other Currency Type Description – a free-form text field describing the payment currency when Currency Code is equal to 9 (OTHER TYPE NOT IN LIST);

6. Number of Civil Requests Included – the number of civil transactions covered by the payment remittance;

7. Payment Instrument Number – an optional serial number appearing on a cheque payment, money order or other payment instrument;

8. Payment Instrument Date – the date appearing on a cheque, a money order or other payment instrument; not applicable to cash remittance.

<table>
<tr><td colspan="3">Table 4-20: 2.835 – Remittance Type Codes</td></tr>
</table>

Code	English Description	French Description
1	Cash	Espèces
2	Uncertified Cheque	Chèque non certifié
3	Certified Cheque	Chèque certifié
4	Money Order	Mandat
5	Traveller's Cheque	Chèque de voyage
9	Other Type Not In List	Autre type ne se trouvant pas dans la liste

Table 4-21: 2.835 – Currency Codes		
Code	**English Description**	**French Description**
CAD	Canadian Dollars	Dollars Canadiens
USD	Us Dollars	Dollars Américains
EUR	European Euros	Euros
NIL	Other Type Not In List	Autre Type Ne Se Trouvant Pas Dans La Liste

2.838: PYT   Payment Type

This tag must only be included when a civil application type (APT tag 2.869) requires a fee as per Table 4-22: 2.869 – Civil Application Type Codes. This tag allows the contributor to specify how the fee will be paid. Currently Bulk Billing is the only option available. The agency identified in the Bulk Billing Agency Identifier (BBID tag 2.849) will be billed as long as this agency is authorized for bulk billing. This tag must not be included if the Civil application type does not require a fee.

The payment type must be selected from the following table.

Table 4-22: 2.838 – Payment Type Codes		
Code	**English Description**	**French Description**
4	Bulk Billing	Facturation globale

2.849: BBID   Bulk Billing Agency Identifier

This tag must only be included when Payment Type (PYT tag 2.838) contains a value of "4". This tag contains the RTID Agency Identifier (ORI) of the agency that will be billed for the request. Only agencies authorized by the RCMP can use the bulk billing payment type. This tag must not be included if the Civil application type does not require a fee.

2.850: ATS   Application Type Specify

This conditional tag must only be included when civil application types (APT tag 2.869) equal 7, 20, 22, 25, 39. It is a free-text field that provides additional information about the Civil transaction.

2.851: DCR   DCN Reference Number

This tag is not supported for Cardscan and Livescan devices.

This tag is used to identify the DCN of a specific set of fingerprint images requested within an IRQ transaction.

2.865: CFN   Consent Form Number

This tag is used to identify the consent form approved by the applicant. The Consent Form Number is associated with the form and version number for which a Type-14 Biometric Consent Image or signature was obtained. The typical format is form number, followed by period and followed by version number (e.g. 1234.01). This optional tag becomes mandatory when an applicant is eighteen (18) years of age or older. Refer to Best Practices for the Implementation of Civil Efficiencies of Electronic Fingerprint Capture Device Workflows for additional details concerning the use of this tag.

2.866: PDM   Preferred Delivery Method

This tag is used to identify the preferred delivery method for the results of the civil transactions. The Preferred Delivery Method code must be selected from the following table. Code 1 or 3 must be set based on the Preferred Delivery Method identified by the applicant. Code 2 must be automatically set based on specific application types. Refer to Best Practices for the Implementation of Civil Efficiencies of Electronic Fingerprint Capture Device Workflows for additional details concerning the use of this tag.

Table 4-23: 2.866 – Preferred Delivery Method		
Code	**English Description**	**French Description**
1	Clear Text Email	Courriel en texte brut
2	Encrypted Email	Courriel crypté
3	Paper via Canada Post	Papier via Postes Canada

2.867: CREA   Civil Results E-mail Address

This tag is used to identify the email address to which the civil results will be delivered. This tag must only be included when the applicant identifies their Preferred Delivery Method (PDM tag 2.866) to be clear text email (Code 1) and the Send Results to Source (SRS tag 2.8900) is set to either 3 (Individual) or 4 (Response Address). Refer to Best Practices for the Implementation of Civil Efficiencies of Electronic Fingerprint Capture Device Workflows for additional details concerning this tag.

2.869: APT   Civil Application Type

This tag identifies the reason for the civil fingerprint search (i.e., MAP transaction). The contributor must only submit application types that they have been authorized to submit. Refer to Best Practices for the Implementation of Civil Efficiencies of Electronic Fingerprint Capture Device Workflows.

The civil application type and sub-type (if applicable) must be selected from the following table. Where an application type has sub-types, the sub-type must be included.

Table 4-24: 2.869 – Civil Application Type Codes					
Code	**Application Type**			**Language Option**	**Fee**
	Subtype Code	**English Description**	**French Description**		
7		Employment (Private Industry)	Emploi (industrie privée)	YES	$25.00
10		Criminal Record Check for Personal Use	Vérification de casier judiciaire à usage personnel	*NA*	*NA*
	1001	For Suspended Record	Pour casier judiciaire suspendu	YES	0
	1002	For Active Criminal Record	Pour casier judiciaire actif	YES	0
	1003	Other (Provide Details)	Autre (donner détails)	YES	0
11		Adoption (Cdn/International)	Adoption (canada-étranger)	YES	$25.00
12		Permanent Resident Status	Statut résident permanent	NO	0
20		Employment (Provincial Govt)	Emploi (gouv. Provincial)	YES	$25.00
21		Employment (Federal Govt)	Emploi (gouv. Fédéral)	NO	0
22		Employment (Other)	Emploi (autre)	YES	$25.00
23		Record Suspension Application	Demande pour suspension du casier	YES	$25.00
25		Volunteer Employment	Travail bénévole	YES	0
26		Canadian Citizenship	Citoyenneté canadienne	NO	0
30		Criminal Record Modification	Modification de dossier criminel	YES	0
32		Visa / Border Crossing / Foreign Travel / Work	Visa / passage frontalier / voyage à l'étranger / travail	YES	$25.00
34		Employment (Police)	Emploi (police)	*NA*	*NA*
	3401	RCMP Member	Membre de la GRC	NO	0
	3402	RCMP Civilian Employee	Employé civil de la GRC	NO	0
	3403	Civilian Employee	Emploi civil	NO	0
	3404	Canadian Police Force	Police canadienne	NO	0
	3405	Pros User	Utilisateur du SIRP	NO	0
38		Free And Secure Trade (FAST)*	Expéditions rapides et sécuritaires (FAST) *	NO	0
39		Other (Specify Reason)	Autre (préciser raison)	YES	$25.00
44		National Sex Offender Registry	Répertoire national des délinquants sexuels	NO	0
50		Name Change	Changement de nom	*NA*	*NA*
	5001	Alberta	Alberta	NO	$25.00
	5002	British Columbia	Colombie britannique	NO	$25.00
	5003	Other	Autre	NO	$25.00

*FAST application type is restricted to authorized US Agencies only.

2.870: VAO   Vulnerable Sector Consent Number One – Authentication Obtained Indicator

This conditional tag must only be included when Employment in Vulnerable Sector Indicator (EVSI tag 2.8943) is set to Yes. It is used to indicate that the contributor has obtained the consent to conduct a Vulnerable Sector (VS) check in the form of a Type-14 Biometric

Consent Image or a signature. The only acceptable value for this tag is 1 (Yes). If set to 1 (Yes) then the Biometric Consent Image Designator (BCID tag 2.889) field must contain the IDC of the Type-14 biometric consent image or the Applicant Consent Signature Indicator (ACSIG tag 2.890) must be set to 1 (Yes).

A transaction must not have both a VS Authentication Obtained (VAO tag 2.870) and a Third-Party Waiver (TPW tag 2.872). A transaction with a VS Authentication Obtained (VAO tag 2.870) takes precedence over a 3rd Party Consent for any application types for which a VS check is authorized. A transaction will fail validation if it contains both a VS Authentication Obtained (VAO tag 2.870) and a Third-Party Waiver (TPW tag 2.872).

2.871: VCL   Volunteer Confirmation Letter Verified Indicator

This tag is used to capture that a Volunteer Confirmation Letter has been witnessed by the contributor responsible for the transaction. This tag must only be included when a MAP transaction includes the Application Type (APT tag 2.869) set to 25 (Volunteer Employment).

2.872: TPW   Third-Party Waiver Consent Obtained Indicator

This tag is used to indicate that a 3rd Party Waiver has been obtained in the form of a Type-14 Biometric Consent Image or signature. This tag must only be included if the VS Authentication Obtained (VAO tag 2.870) is not included and the applicant is eighteen (18) years of age or older. The only acceptable value for this tag is 1 (Yes). A transaction will fail validation if it contains both a VS Authentication Obtained (VAO tag 2.870) and a Third-Party Waiver (TPW tag 2.872).

2.873: DIS   Details of Information Sought

This tag is used to clarify what information is being requested. This tag must only be included when the Application Type (APT tag 2.869) selected is 10 (Criminal Record Check for Personal Use Request) and sub-type code of 1003 (Other).

2.874: SFBI   FBI Search Request

This tag is used to request a fingerprint search of the FBI. "Y" is the only acceptable value for this tag. The contributor must be authorized to request an FBI search.

2.875: RRES   RCMP-NPS Results

This tag is included in a search response transaction to indicate whether the transaction is for a domestic search of the RCMP holdings (code "Y") or for a foreign search (code "N").

The RCMP NPS Results contains one of the values from the following table.

Table 4-25: 2.875 – RCMP-NPS Results Codes

Code	English Description	French Description
Y	Yes	Oui
N	No	Non

2.876: USS   US State Search

This tag allows authorized contributors to request a fingerprint search of a specific US State. A US State Search can only be requested if an FBI Search (SFBI tag 2.874) is also requested.

Refer to Table A-5: State Codes in Appendix A: Tables for a list of US State codes.

2.883: COB   City of Birth

This tag is used to capture the city or municipal area where the individual was born.

2.884: POE   Port of Entry

This tag is used to capture the location where the individual entered into Canada.

2.885: DOE   Date of Entry

This tag is used to capture the date that the individual entered Canada. A partial date of entry may also be entered with the year being mandatory and zeros for the month and day. For example, a partial date of entry is entered as "19650000".

2.886: RID   Refugee File Number

(Deprecated tag)

This tag contained the primary identifier used to store legacy Refugee files within the RTID System.

2.887: CIC   CBSA / Immigration, Refugees and Citizenship Canada (IRCC) Office Number

This tag is used to capture a regional CBSA/IRCC office number.

2.888: FOSS   Immigration Client Identifier

This tag is used to capture the CBSA/IRCC Immigration Client Identifier. This number is assigned by CBSA/IRCC. It was previously known as the Field Operational Support System (FOSS) Number.

2.889: BCID   Biometric Consent Image Designator

This tag is used to capture the Image Designation Character (IDC) of the Type-14 record that holds the plain impression of the biometric consent image.

2.890: ACSIG   Applicant Consent Signature Indicator

For a MAP transaction submitted via a Cardscan device, this tag is used to capture whether a written signature has been provided by the civil applicant respecting the release of search results by the RCMP. The tag must be included if consent is provided by a signature. The only valid value is one (1).

2.891: ISR   International Search Request

This tag allows authorized contributors to request a fingerprint search of international countries. "Y" is the only acceptable value for this tag.

2.892: IRP   International Countries to Search

This tag is used to capture a list of one or more country codes where the contributor is requesting to send a fingerprint search. Only country codes that contain a "YES" in the International Countries to Search column in Table A-6: Country Codes in Appendix A may be encoded within this tag.

2.893: FQO   Fingerprint Quality Override

If the EFCD determines that a fingerprint is of poor quality and it is impossible to get a better quality impression, this tag will indicate which finger(s) cannot be clearly imaged and the reason. A Fingerprint Quality Override is only required for fingers 01 to 10. Refer to Table A-1: Finger/Palm Codes in Appendix A: Tables for a list of codes for each finger.

The Override Reason Code must be selected from the following table.

Table 4-26: 2.893 – Override Reason Codes		
Code	English Description	French Description
01	Ridge Detail Indistinct Due To Individual's Employment	Particularités des crêtes indistinctes en raison de la profession de la personne
02	Ridge Detail Indistinct Due To Age	Particularités des crêtes indistinctes en raison de l'âge de la personne

Table 4-26: 2.893 – Override Reason Codes

Code	English Description	French Description
03	Ridge Detail Indistinct Due To Skin Conditions (Eczema, Ichthyosis, Warts, Psoriasis, Frostbite, Ridge Aberration)	Particularités des crêtes Indistinctes en raison de l'état de la Peau (eczéma, ichtyose, verrue, Psoriasis, engelure, anomalie des crêtes)
04	Finger Temporarily Injured And Cannot Be Easily Rolled	Blessure temporaire au doigt et difficulté à rouler l'empreinte
05	Finger Is Deformed/Paralyzed And Cannot Be Easily Rolled	Difformité au doigt/paralysie et difficulté à rouler l'empreinte
06	Finger Is Partially Amputated	Doigt partiellement amputé
07	Finger Is Permanently Scarred Or Burned	Cicatrice ou brûlure permanente au doigt
99	Other	Autre

2.894: FER   Foreign Search Reason

This tag is used to capture the reason why a foreign search has been requested.

2.896: ACS   Authority for Canadian Search

The tag is used to capture the legal authority under which the CAR-N fingerprints were taken. The Authority for Canadian Search must be selected from the following table.

Table 4-27: 2.896 – Authority for Canadian Search Codes

Code	English Description	French Description
1	Criminal Code – For Identification Purposes	Code criminel – à des fins d'identification
2	Immigration And Refugee Protection Act	Loi sur l'immigration et la protection des réfugiés
3	Amnesia / Loss Of Capacity / Unidentified Body	Amnésie / capacités réduites / corps non identifié
4	Taken With Informed Consent	Prélèvement avec consentement éclairé
5	Deceased Offender Notification	Avis de décès du contrevenant

Note: If the subject is less than 18 years of age at the time of fingerprinting, then "Taken with Informed Consent" cannot be used as the authority for fingerprinting.

2.897: SDO   Submitting Device ORI

This tag is used to capture the RTID Agency Identifier (ORI) of the agency that is submitting the tenprint transaction on-behalf-of the Originating Agency as defined in Type 1 Originating Agency Identifier (OAI tag 1.008).

2.8005: RET   Retention Code

This tag is used to capture whether the transaction data will be retained by the RTID System. The Retention Code must be selected from the following table.

Table 4-28: Retention Codes	
Type Of Transaction	**Retention Code**
CAR-Y	Y
CAR-N	N
REF	Y
MAP	N

2.8011: NOK   Next of Kin

(Deprecated tag)

This tag formerly contained the name of the person's next of kin, the relationship of the next of kin to the person being fingerprinted and the address of the next of kin.

2.8014: FBI   FBI File Number

This tag is used to capture the subject's FBI file number as assigned by the FBI.

2.8021: AAI   Added by Agency Identifier

This tag is returned in the Image Request Response (IRR) and contains the RTID Agency Identifier (ORI) of the agency that added the images to the RTID System.

2.8022: DOB   Date of Birth

This tag is used to capture the individual's date of birth. It is entered in the standard date format (CCYYMMDD). Partial dates are not acceptable.

2.8038: DPR   Date Fingerprinted

This tag is used to capture the date that the individual was fingerprinted. It is entered in the standard date format (CCYYMMDD). Partial dates are not acceptable.

The Date Fingerprinted must be on or before the Date of Submission (DAT tag 1.005). A CAR-Y transaction must ensure the Date Fingerprinted is on or after the Offence Date for any Charge (CHG tag 2.829 sub-tag Offence Date), otherwise the transaction will fail validation.

2.8044: ESD   Effective Search Date

This tag is used to return the date that a fingerprint search was completed by RTID System.

2.8045: DOA   Date of Arrest

(Deprecated tag)

This tag was used to capture the date the individual was arrested. The format is the standard date format CCYYMMDD. Partial dates are not acceptable.

2.8046: SID   Success Indicator

This tag is not supported for Cardscan and Livescan devices.

This tag is only used in response to an Image Request Response (IRR transaction).

This tag is used to indicate whether or not an image was returned for an image request.

When the value of this tag is "0" (No), no images were found for the requested file number and therefore no image is returned in the IRR transaction. When the value of this tag is "1" (Yes), some or all of the requested images were found for the requested file number and therefore are returned in the IRR transaction.

2.8060: EMSG   Error Message

This tag is used to return the reason why an error transaction was sent to the contributor. This tag is broken down into the following sub-tags: Error Code and Error Message.

2.8071: ACN   Action to be Taken

This tag is used to return in an SRE, information advising the contributor to take specific action or of an action to be undertaken by the RCMP on the contributor's behalf.

2.8084: MFR   Missing Finger or Image Reason

This tag is used to capture a reason why a transaction is missing one (1) or more fingers or fingerprint images within a Tenprint transaction. This tag is not used for missing palm print images.

An individual finger can be missing because it is Amputated (XX), Bandaged (UP), or has a Physical Limitation (PL). If the entire plain image is missing, then the generic term Missing Image (MI) will be used. A Missing Fingerprint Date may also be entered. It must be a valid date. Partial dates are not allowed.

Amputated (XX) or Bandaged (UP)

When a finger is amputated (XX) it means that the finger is completely amputated and therefore an impression of the finger cannot be taken since nothing remains of the finger. When a finger is bandaged (UP) it means there is a temporary situation where an impression of the finger cannot be taken due to the finger being bandaged.

When a finger is amputated (XX) or bandaged (UP) this means that the finger will be missing from both the rolled and plain images. Therefore, if Missing Finger or Image Reason (MFR tag 2.8084) contains an entry of XX or UP for a finger (image 01 to 10), then the finger must not appear in the plain impression.

Physical Limitations (PL)

When a missing finger reason of Physical Limitation (PL) is entered this means that the finger is present but due to the physical limitation it is impossible to take a rolled and/or plain impression of the finger either on the scanner block or on the fingerprint form.

There are 3 possible scenarios

1. The physical limitation may allow the operator to take a rolled impression of the individual finger (image 01 to 10) but prevent the operator from taking a plain impression of the finger (image 11 to 15).

2. The physical limitation may prevent the operator from taking a rolled impression of the individual finger (image 01 to 10) but allow the operator to take a plain impression of the finger (image 11 to 15).

3. The physical limitation may prevent the operator from taking a rolled impression of the individual finger (image 01 to 10) and prevent the operator from taking a plain impression of the finger (image 11 to 15).

Missing Image (MI)

When the entire plain image (image 11 to 15) is missing then the reason MI is used.

The Missing Reason Codes must be selected from the following table.

Table 4-29: 2.8084 – Missing Reason Codes		
Valid Codes for Fingers 01 to 10	**English Description**	**French Description**
XX	Amputation	Amputation
UP	Bandaged	Pansement
PL	Physical Limitations	Limites physiques
Valid Codes for Plain Images 11 to 15	**English Description**	**French description**
MI	Missing Image	Image manquante

Rolled & Plain (14 Type-4 Images)

A Missing Finger or Image Reason (tag 2.8084) is required when a Rolled & Plain Tenprint transaction contains less than fourteen (14) type-4 records. See below for three (3) examples of scenarios where transactions are missing fingers.

Example 1 –- The individual is missing their right hand due to amputation.

In this scenario the transaction would contain all images for the left hand (rolled images 06 to 10 and plain images 12 & 14) but would be missing all images for the right hand (rolled images 01 to 05 and plain images 11 & 13).

Therefore, tag 2.8084 contains 7 entries; an entry of "XX" for each missing finger – 01 to 05, an entry of "MI" for each missing plain images 11 and 13.

Example 2 – The individual is missing fingers 02 and 03 due to bandages

In this scenario the transaction would be missing images for the two (2) rolled fingers from the right hand (fingers 02 & 03). Multi-finger plain image 13 would be present since it would still contain fingers 04 & 05 which are not bandaged.

Therefore, tag 2.8084 would contain two (2) entries of "UP" for finger 02 & 03.

Example 3 – The individual has a physical limitation of fingers 02 and 03

In this scenario the assumption is that the physical limitation allows the operator to take the plain impressions of the fingers but prevent the operator from taking the rolled impressions.

The transaction would therefore include all rolled impressions for the left hand (images 06 to 10) as well as all four (4) plain impressions (images 11, 12, 13, 14) but would be missing the two (2) rolled impressions from the right hand (images 02 to 03).

Therefore, tag 2.8084 would contain two (2) entries; an entry of "PL" for fingers 02 to 03.

ID Flats (3 Type-14 Images)

A Missing Finger or Image Reason (tag 2.8084) is required when an ID Flat Tenprint transaction has one or both of the following conditions:

Less than 10 fingers but includes all multi-finger plain images (image 13, 14, 15);

Less than 3 multi-finger plain images (image 13, 14, 15).

See below for three (3) examples of scenarios where transactions are missing fingers.

Example 1 –- The individual is missing their right hand due to amputation.

In this scenario the individual is missing fingers 01 to 05. The transaction would include multi-finger plain images 14 & 15 (only contains finger 06) but would be missing multi-finger plain image 13.

Therefore, tag 2.8084 would contain six (6) entries; an entry of "XX" for each missing finger - 01 to 05 and an entry of "MI" for missing multi-finger plain image 13.

Example 2 – The individual is missing fingers 02 and 03 due to bandages

In this scenario since fingers 02 & 03 are both bandaged, they are not available to be printed. The transaction would include all multi-finger plain images (13, 14, 15) since image 13 would still contain fingers 04 & 05 which are not bandaged.

Therefore, tag 2.8084 would contain an entry of UP for fingers 02 and 03.

Example 3 – The individual has a physical limitation of fingers 02 and 03

In this scenario the assumption is that the physical limitation prevents the operator from taking an impression of fingers 02 & 03 but they are able to take an impression of fingers 04 & 05. Therefore, the transaction will include image 13 (which only contain fingers 04 & 05).

Therefore, tag 2.8084 would contain two (2) entries with an entry of "PL" for fingers 02 & 03.

Validation of MAP ID Flats

RTID will reject ID Flat transactions where a Type-14 record contains segmentation for a finger that is also included in the Missing Fingerprint Reason.

RTID will also reject ID Flat transactions where the segmentation information in the Type-14 Record is missing for one or more finger segments yet the Missing Fingerprint or Image Reason (MFR tag 2.8084) does not indicate that this finger is missing.

2.8106: ICI   Investigator Contact Information

This tag is used to capture investigator contact information that allows the RCMP to contact the investigator if more information about a foreign search is needed. The optional tag becomes mandatory when a foreign search (US States to Search (USS tag 2.876) or International Search Request (ISR tag 2.891)) is requested.

2.8163: RI   Remand Indicator

This tag is applicable to RCMP internal Cardscan devices only.

This tag is applicable only to a CAR-Y transaction. The tag indicates whether the charges have been dispositioned in court or not.

When the charges have been dispositioned in court, this indicator shall be set to 0 (zero).

When charges have been laid in court and not yet dispositioned, this indicator shall be set to 1 (one).

2.8164: DPC   Disposition Priority Code

This tag is applicable to RCMP internal Cardscan devices only.

When charges on a CAR-Y transaction have been dispositioned, this tag shall indicate the assigned processing priority of the dispositions involved.

Permissible code values are defined below.

Table 4-30: 2.1164 – Disposition Priority Code		
Code	**English Description**	**French Description**
K	Sex Related	Infraction sexuelle
PEN	Federal Penitentiary Time	Temps pénitencier fédéral
OTHER	Other Non-specific Priority	Autre priorité non spécifiée
WO	Weapon Offence or Robbery	Vol à main armée
V	Violent	Violent
X	Non-Conviction	Non Condamnation

2.8212: CDI   Cardscan Device Indicator

This tag is applicable to RCMP internal Cardscan devices only.

This tag is mandatory for all transactions originating from an RCMP internal Cardscan device. This tag must be set to 1 (one) for transactions originating from an RCMP internal Cardscan device. The tag is populated to allow the RTID System to identify transactions sourced from an RCMP internal Cardscan device.

2.8220: DNAI   DNA Indicator

This tag is applicable to RCMP internal Cardscan devices only.

This tag is applicable only to a CAR-Y transaction representing the capture of a 3801 DNA form.

When the Cardscan user invokes a dialog to capture a 3801 DNA form, this indicator shall be set to 1 (one), otherwise the indicator shall be set to 0 (zero).

2.8264: SUN   DNA Sample Unique Number

This tag is applicable to RCMP internal Cardscan devices only.

This tag is applicable only to a CAR-Y transaction representing the capture of a 3801 DNA form and contains an identifier for the DNA sample that is registered in the RCMP National DNA Data Bank.

2.8268: DEN   DNA Endorsement Number

This tag is applicable to RCMP internal Cardscan devices only.

This tag is applicable only to a CAR-Y transaction representing the capture of a 3801 DNA form and contains an alternate identifier which can be linked to a DNA sample that has been registered in the RCMP National DNA Data Bank.

Note that only one of SUN tag 2.8264 or DEN tag 2.8268 can be captured from a completed 3801 form.

2.8269: DCDT   DNA Court Order Date

This tag is applicable to RCMP internal Cardscan devices only.

This tag is applicable only to a CAR-Y transaction representing the capture of a 3801 DNA form and contains the date on which the taking of a DNA sample was ordered in court for the purpose of registering the sample in the RCMP National DNA Data Bank.

2.8337: OID   Operator Identifier

This tag is not supported for Cardscan and Livescan devices.

The Operator Identifier is used to capture and return a unique identifier assigned to the remote site operator responsible for the submitted transaction. It is only contained in an Image Request (IRQ) transaction and returned in Image Request Response (IRR) transaction.

2.8900: SRS   Send Results to Source

This tag is used to capture where to send the search results for a MAP transaction. The RCMP will inform the contributor which Send Result codes they are allowed to use. The Send Results code must be selected from the following table.

Table 4-31: 2.8900 – Send Results Codes		
Code	**English Description**	**French Description**
1	Contributor	Organisme contributeur
2	Response To Agency	Réponse à l'organisme
3	Individual	Particulier
4	Response Address	Adresse de l'organisme

- A code value of 1 means the response will be returned to the agency that submitted the transaction (OAI tag 1.008 or SDO tag 2.897);

- A code value of 2 means the response will be returned to the agency identifier (i.e. ORI) in Response to Agency Identifier (CTR tag 2.817);

- A code value of 3 means the response will be sent by email or paper to the individual's Civil Electronic E-mail Address (CREA tag 2.867) or the mailing address entered in Return Mailing Address (RTA tag 2.8903). Since the results are being sent back to the individual a biometric consent image or applicant consent signature is mandatory which authorizes the release of the results based on the individuals Preferred Delivery Method (PDM tag 2.866); and

- A code value of 4 means the response will be sent by email or paper to a third-party Civil Electronic E-mail Address (CREA tag 2.867) or to a third-party mailing address entered in Return Mailing Address (RTA tag 2.8903). A biometric consent image or applicant consent signature is mandatory which authorizes the release of the results to a third-party based on the individuals Preferred Delivery Method (PDM tag 2.866).

Note: Refer to the Best Practices for the Implementation of Civil Efficiencies of Electronic Fingerprint Capture Device Workflows for valid combinations of Send Results and Application Types.

2.8903: RTA   Return Mailing Address

This tag is used to capture the mailing address where the civil response is to be mailed. The address tag is broken up into the following sub-tags: Attention Name, Address Line 1 & 2, City, Province/State Code, Postal/Zip Code, Country Name, and Country Code. In Appendix A: Refer to Table A-4: Province Codes for a list of numeric province codes. Refer to Table A-5: State Codes for a list of US State codes. Refer to Table A-6: Country Codes for a list of country codes.

The format of the postal code must be AnA<space>nAn where A is any alphabetic character (A to Z) and n is any digit between 0 and 9 when the Country Code equals 124 (Canada).

The Country Name must only be included when Country Code is 998 (Other).

If Country Code equals 124 (Canada) then the Province/State Code can only contain values 01 to 13 (Canadian Province).

If Country Code equals 840 (USA) then Province/State Code can only contain values 20 to 73 (US State).

2.8905: DLVI   Delivery Instructions

This tag is applicable to RCMP internal Cardscan devices only.

For MAP civil clearance transactions, this tag can be optionally used to capture a free-form text block to describe arrangements for delivering the screening results to the applicant or another party who is authorized to receive the information.

2.8908: CNON   Contributor Case/File Number

This tag is used to capture a file number assigned by the contributor. When this tag is included in an incoming tenprint transaction the SRE response will echo back the file number in a sub-tag of Contributor Supplied Reference Information (CREF tag 2.8952).

2.8910: NVN   External ICD Version Number

Any transactions created using this version of the ICD must have this tag set to 178. All responses will be returned to the Contributing Agency with this tag value set to 178.

2.8911: STV   System Table Version Number

This tag is used to capture the version number of the system tables used when creating the transaction. Currently it must be encoded as 001.

2.8913: CRS   Criminal Record Synopsis

This tag is used to return an individual's foreign criminal record.

Table 4-32: 2.8913 – Criminal Record Codes		
Code	**English Description**	**French Description**
840	United States	États-Unis

Currently, this tag is only populated in the FBI SRE with the criminal record received from the FBI. Therefore, the country code will be set to 840 (United States). This tag is populated with the US RAP sheet as it is received and is not validated for characters. Consequently, this tag does not follow the ICD rules for character type (i.e. there could be lower-case letters and special characters included).

2.8924: FNM   Father's Name

This tag is used to capture the name of the applicant's father. A value of "UNKNOWN" may be entered in the Surname sub-tag. All sub-tags must not begin or end with a space or any other allowable special character or contain only a space or any other allowable character.

2.8925: MNM   Mother's Name

This tag is used to capture the name of the applicant's mother. A value of "UNKNOWN" may be entered in the Surname sub-tag. All sub-tags must not begin or end with a space or any other allowable special character or contain only a space or any other allowable character.

2.8927: CDN   Court Docket Number

This tag is applicable to RCMP internal Cardscan devices only.

When capturing information from a 3801 DNA Transaction, this tag may be used to capture the Court Docket Number applicable to the court order requiring collection of the DNA sample.

2.8928: NOTD   Name of Official Taking DNA Sample

This tag is applicable to RCMP internal Cardscan devices only.

When capturing information from a 3801 DNA Transaction, this tag may be used to capture the name of the official who takes the DNA sample.

2.8929: NWTD   Name of Witness when Taking DNA Sample

This tag is applicable to RCMP internal Cardscan devices only.

When capturing information from a 3801 DNA Transaction, this tag may be used to capture the name of the witness to the taking of the DNA sample.

2.8931: NFT   Name of Person Responsible for Transaction

This tag is used to capture the name or identifier of the person who enters the transaction details onto the EFCD. The Name of Official Taking Fingerprints (NOTF tag 2.8938) and the Name of the Person Responsible for Transaction (NFT tag 2.8931) do not need to be the same.

2.8933: GNA   Gang Name/Affiliation

(Deprecated tag)

This tag formerly contained the Gang Name, Gang Type Code and Gang City Location of the gang or criminal organization with which the individual was associated.

2.8934: TEL   Telephone Number

This tag is used to capture the individual's telephone number.

2.8935: CTRY   Country of Birth

This tag is used to capture the country code of the country where the individual was born. Refer to Table A-6: Country Codes in Appendix A: Tables for a list of country codes.

2.8936: RTX   Race Description

This tag is used to capture the race of the individual. This tag must only be included when Race Descent (RACE tag 2.814) has a value of "N".

2.8938: NOTF   Name of Official Taking Fingerprints

This tag is used to capture the name or identifier of the person who took the fingerprint impressions either electronically onto a scanner block at a Livescan or ink rolled them onto a paper fingerprint form. The Name of Official Taking Fingerprints (NOTF tag 2.8938) and the Name of the Person Responsible for Transaction (NFT tag 2.8931) do not need to be the same.

2.8939: FPCL   Fingerprints Capture Location

This tag is used to capture the physical location of the EFCD where the fingerprint impressions were electronically captured. This tag must include the address of the location such as office number, building name, street address, province, country, and Submitting ORI.

2.8943: EVSI   Employment in Vulnerable Sector Indicator

This tag is used to capture that a vulnerable sector check must be performed as the individual will be in contact with vulnerable persons as part of their paid or volunteer position.

A vulnerable sector check can only be requested for Civil Application Types (APT tag 2.869) 7, 20, 22, 25, or 39. If a vulnerable sector check is requested the transaction must include a biometric consent image or an applicant consent signature authorizing the release of vulnerable search results.

2.8944: VSD   Vulnerable Sector Details

This tag is used to capture details of why a vulnerable sector check is being requested. It consists of three (3) sub-fields: Description of Position, Name of Organization, Details Regarding Children or Vulnerable Persons.

2.8952: CREF   Contributor Supplied Reference Information

This tag is used to return contributor-supplied subject information and reference numbers. The sub-fields shall contain the values exactly as received by the RCMP within:

- Primary Name (NAME tag 2.806);
- Date of Birth (DOB tag 2.8022);
- Sex (SEX tag 2.807);
- CBSA/IRCC Office Number (CIC tag 2.887);
- Immigration Client Identifier (FOSS tag 2.888);
- Contributor Individual Reference Number (IRN tag 2.804); and
- Contributor Case/File Number (CNON tag 2.8908).

2.8953: IDI   Search Result Information

This tag is used in an SRE to return the results of the fingerprint search.

Each positive identification ("I") will return, at a minimum, the following sub-tags:

- File Type Searched Code;
- Search Result Code (set to "I");
- File Number;

- Surname;

- Sex; and

- Date of Birth.

Each negative identification ("N") or Unsuitable ("U") will return, at a minimum, the following sub-tags:

- File Type Searched Code;

- Search Result Code (set to "N" or "U"); and

- File Number* (see below).

Note: * File number will contain a newly assigned file number in the following two (2) situations:

1. If an incoming CAR-Y transaction returns a Negative ("N") or Unsuitable ("U") Search Result of the File Type 01 (Criminal); then the file number sub-field will contain the newly assigned FPS;

2. If an incoming REF transaction returns a Negative ("N") or Unsuitable ("U") Search Result of File Type 04 (Immigration Series 2); then the file number sub-field will contain the newly assigned Immigration File Number (IID).

If an incoming MAP or CAR-N transaction returns a Negative ("N") or Unsuitable ("U") Search Result of any File Type Searched Code, then the file number sub-field will be blank.

Each occurrence of Search Result Information is comprised of the following sub-tags:

- **File Type Searched Code** – Not all file type codes are returned in every SRE. The file type searched codes are listed in the following table.

Table 4-33: 2.8953A – File Type Searched Codes		
Code	**English Description**	**French Description**
01	Criminal	Criminel
02	Immigration Series 1	Immigration Serie 1
03	*DEPRECATED VALUE*	
04	Immigration Series 2	Immigration Serie 2
21	FBI	FBI

- **Search Result Code –** a code value representing the result of the search. The search result codes are listed in the following table.

Table 4-34: 2.8953B – Search Result Codes			
Code	**English Description**	**French Description**	**Note**
I	Positive	Positif	An identification was made
N	Negative	Négatif	No identification was made

Table 4-34: 2.8953B – Search Result Codes			
Code	English Description	French Description	Note
U	Unsuitable	Rejet	Fingerprints were unsuitable

- **File Number –** the number the RTID System uses to store an individual's fingerprints

  o **Criminal** - will be in the external format as either a 1-to-6 digit numeric or a 1-to-6 digit numeric followed by a letter. Examples of valid FPS numbers 12345 or 012345, 456F or 000456F.

  o **Immigration Series 1** - a 12-digit number that starts with "33".

  o **Immigration Series 2** - a 12-digit number that starts with "5".

- **Surname –** the surname on file for the subject of the identification.

- **Given Name 1 to Given Name 4 –** Given names 1 to 4, on file for the subject of the identification.

- **Sex –** a code representing the sex on file for the subject of the identification. The sex codes are listed in the following table.

Table 4-35: 2.8953C – Sex Codes		
Code	English Description	French Description
M	Male	Masculin
F	Female	Féminin
U	Unknown	Inconnu

- **Date of Birth –** the date of birth on file for the subject of the identification.

- **CBSA/IRCC Office Number –** A CBSA/IRCC Office Number is returned if identification is made to an immigration file and the RTID System has a CBSA/IRCC Office Number on file.

- Immigration Client Identifier – An Immigration Client Identifier is returned if identification is made to an immigration file and the RTID System has Immigration Client Identifier on file.

2.8973: AFN   Subject File Identifier

This tag is not supported for Cardscan and Livescan devices.

This tag is only used when requesting fingerprints or palm print images (IRQ transaction) and in response to an Image Request Response (IRR transaction).

The Subject File Identifier sub-tags are:

- File Type Code, a code value as listed in the following table; and

- File Number (the file number format must correspond to the file type code entered).

Table 4-36: 2.8973 – File Type Codes		
Code	**English Description**	**French Description**
01	Criminal	Criminel
02	Immigration Series 1	Immigration Serie 1
03	*DEPRECATED VALUE*	
04	Immigration Series 2	Immigration Serie 2

- When Criminal Subject (File Type Code 01) is entered, the criminal file number must be entered as a 1-to-6 digit numeric or a 1-to-6 digit numeric + a letter;

- When Immigration Series 1 (File Type Code 02) is entered, the Immigration Series 1 file number must start with a 33 prefix;

- When Immigration Series 2 (File Type Code 04) is entered, the Immigration Series 2 file number must start with a 5 prefix.

4.3   Type-4 Data Definition (Fingerprint Image Data)

The type-4 record is a binary record type which contains a high-resolution, grayscale fingerprint image that was scanned at no less than the minimum scanning resolution. Alternatively, the native scanning resolution may be used and the image processed such that the resulting transmitting resolution is within the range specified by the transmitting resolution requirement for high-resolution images. The fingerprint image data contained in a type-4 record must be compressed in WSQ format at a resolution of 19.69 ppmm (pixels per millimeter) (500 ppi (pixels per inch)). When the image data is obtained from a Livescan it shall be the grayscale output of the Livescan fingerprint scanner and not a rescan of a hardcopy fingerprint image.

Since the type-4 record is in a binary format, it will consist of nine (9) ordered and unnumbered fields. The first eight (8) fields are fixed length and total eighteen (18) bytes. They will contain the information about the fingerprint image. The ninth (9th) field begins at byte nineteen (19) and continues until the last byte of the record and contains the fingerprint image. Therefore, the size of the image will be the value specified in the LEN field less eighteen (18) bytes. For the complete layout of the Type-4 record refer to Section 5.12: Type-4 Logical Record: Fingerprint Image Data.

In ICD 1.7.8, only CAR-Y, CAR-N, MAP, and REF transactions allow fingerprints to be submitted in a type-4 record. The type-4 record is used for both rolled and plain images.

Rolled & Plain fingerprints consist of 10 rolled images and 4 plain images (Total 14 images)

Images 01 to 10 contain individual fingers 01 to 10
Image 11 (Plain Right Thumb) contains individual finger 01
Image 12 (Plain Left Thumb) contains individual finger 06

- Image 13 (Plain Right Four Fingers) consists of individual fingers 02, 03, 04, 05.

- Image 14 (Plain Left Four Fingers) consists of individual fingers 07, 08, 09, 10.

For maximum fingerprint image box sizes refer to <u>Table A-2: Finger/Palm Box Sizes</u> in Appendix A: Tables.

Notes:

- If the images are obtained by scanning a hardcopy fingerprint form (i.e., the fingerprints are ink rolled onto a fingerprint form, then the fingerprint form is scanned using a flatbed scanner), the contributor must try to capture each image without including the vertical or horizontal lines from the fingerprint boxes printed on the form. However, if the fingerprint overlaps a line in the fingerprint box, it is preferable to include as much of the fingerprint as possible even if this means that a vertical and/or horizontal line is included with the fingerprint image.

- The images must be compressed using the WSQ compression algorithm.

  Type-4 records must have an average compression ratio of 15:1 or less, measured over multiple transactions. A compression ratio of no greater than 15:1 ensures that there is no loss of detail so that the RCMP RTID System can perform a reliable fingerprint search. If transactions contain images that are not compressed using WSQ or if the average compression ratio across multiple transactions is consistently higher than 15:1, the RCMP may request remedial action be taken.

4.4   Type-10 Data Definition (Photo Image Record)

The Type-10 record is for the purpose of exchanging facial image(s) for an individual. The Type-10 record does not support the purpose of submitting scars, marks or tattoo images.

A facial image may be captured as a full face frontal pose and optionally include a left, right or angled profile. Photos can be encoded as grayscale and colour images in the following Joint Photographic Experts Group (JPEG) format:

- JPEG International Standards Organization (ISO) / IEC 10918 (Lossy) 2 (JPEGB); and

- JPEG ISO/IEC 10918 (Lossless) (JPEGL).

Type-10 facial images must meet the following minimum specifications:

- Pixel Aspect Ratio: 1:1;

- Image Aspect Ratio: 1:1.25 (horizontal:vertical);

- Non-Interlaced Image Capture (no frame capture from video stream); and

- No digital zoom (interpolation) for image capture.

The final image shall be in JPEG format as a JFIF Baseline with a high quality compression level >90% quality (Quality factor >90, compression factor <10). Refer to Section <u>5.13: Type-10 Logical Record: Photo Image</u>, and <u>Table 5-13: Type-10 Logical Record</u> for supported tags and additional requirements.

The contents of this record are as specified in the ANSI/NIST ITL 1-2011 Update 2015 definition, Annex E: E.3 through E.7.

10.200: COM   Comments

This is an additional tag defined in the RCMP NPS-NIST-ICD. This tag provides the Submitting Agency a way to include any comments relevant to this image.

4.5   Type-14 Data Definition (Fingerprint Image Data)

The Type-14 record is used to exchange variable-resolution Tenprint fingerprint image data together with fixed and user-defined textual information fields pertinent to the image. Fixed and textual information is recorded as tagged-fields within the type-14 record. Refer to Section 5.14: Type-14 Logical Record: Fingerprint Image Data for the complete list of tags in the Type-14 record layout.

In ICD 1.7.8, only MAP transactions allow fingerprints to be submitted in a Type-14 record. The type-14 record can contain either ID Flat images and/or a Biometric Consent Image.

The RCMP requires Type-14 fingerprint images to be compressed using the WSQ algorithm and expects the average compression ratio to be 18:1 or less on average, measured over multiple transactions. A compression ratio of no greater than 18:1 ensures that there is no loss of detail so that the RCMP RTID System can perform a reliable fingerprint search. If the average WSQ compression ratio across multiple transactions is consistently higher than 18:1, the RCMP may request remedial action be taken.

ID Flat transactions consist of three (3) multi-finger plain images:

Image 13 (Plain Right Four Fingers) consists of individual fingers 02, 03, 04, 05;
Image 14 (Plain Left Four Fingers) consists of individual fingers 07, 08, 09, 10; and
Image 15 (Left and Right Thumb) consists of individual fingers 06 & 01.

Biometric Consent Image

A biometric consent image is used in place of a signature to authorize for third party waiver or a VS check. A finger that is indicated as missing cannot be used as a biometric consent image. Any finger receiving a poor quality score, as defined by the NIST Fingerprint Image Quality (NFIQ) scale, should not be used as a biometric consent image. The finger receiving the highest quality score should be used for the biometric consent image. If all fingers are good quality or all fingers are poor quality, then use the best one following the order in Table 4-37: 14.021 – Finger Number Capture for Biometric Consent.

Table 4-37: 14.021 – Finger Number Capture for Biometric Consent		
Finger # Order	**English Description**	**French Description**
01	Right Thumb	Pouce droit
06	Left Thumb	Pouce gauche
02	Right Index	Index droit
07	Left Index	Index gauche
03	Right Middle	Majeur droit
08	Left Middle	Majeur gauche
04	Right Ring	Annulaire droit

Table 4-37: 14.021 – Finger Number Capture for Biometric Consent		
Finger # Order	**English Description**	**French Description**
09	Left Ring	Annulaire gauche
05	Right Little	Auriculaire droit
10	Left Little	Auriculaire gauche

Below are some additional Type-14 tags defined by the RCMP:

14.013: FGP   Finger or Image Number

This field identifies what type of image the type-14 record contains. Refer to Table A-1: Finger/Palm Codes in Appendix A: Tables for a list of image and finger codes. Valid values are 01 to 15.

For an Identification Flat image, valid values are 13, 14, and 15.

For a Biometric Consent Image, valid values are 01 to 10.

14.021: SEG   Finger Segment Position(s)

This tag is used to capture offsets to the locations of image segments containing the individual fingers within multi-finger plain impression. In other words, a virtual box around each individual finger contained within the multi-finger plain impression. The offsets are relative to the origin, (0, 0), which is in the upper left corner of the image. The horizontal offsets (X) are the pixel counts to the right, and the vertical offsets (Y) are the pixel counts down. A finger segment is defined by the finger number, the X coordinates (left, right) and the Y coordinates (top, bottom), of its bounding box.

This optional field becomes mandatory when the image is an Identification Flat Image (i.e., 14.013 = 13, 14, or 15). This field is optional if the image is a Biometric Consent Image (i.e., 14.013 = 01 to 10).

Transactions where finger segment information is provided for fingers listed as missing in Missing Finger or Image Reason (MFR tag 2.8084) will fail validation.

Transactions where finger segment information is missing for one or more fingers not listed as missing in Missing Finger or Image Reason (MFR tag 2.8084) will fail validation.

Finger segment positions must include valid combinations of fingers as per the Finger Number Code indicated (FGP tag 14.013). The following are valid combinations.

If 14.013 is 13, 14.021 may contain all or a subset of fingers 02, 03, 04, and 05;
If 14.013 is 14, 14.021 may contain all or a subset of fingers 07, 08, 09, and 10;
If 14.013 is 15, 14.021 may contain all or a subset of fingers 01 and 06.

14.022: IQM   Image Quality Metric

This tag shall contain the NIST Fingerprint Image Quality (NFIQ) scores for all fingers except those fingers that are identified as missing as per the Type-2 Missing Fingerprint or Image Reason (MFR tag 2.8084).

The first sub-field specifies the finger number (code 01-10). The second sub-field specifies the NIST image quality score associated with the finger. The score ranges from "1" for the best quality image, to "5" for the worst quality image. A "254" indicates that no score was computed while "255" indicates a failed attempt to calculate the image quality metric.

It is expected that the vast majority of the transactions submitted will have a score between 1 and 5, and that codes "254" and "255" will only apply in exceptional circumstances.

14.200: IMTC   Image Type Contained

This tag is used to capture the type of image contained in the type-14 record. Image type contained must be selected from the following table:

Table 4-38: Image Type Codes		
Value	**Image Type**	**Available for Transactions**
1	Rolled and Plain: 14-Prints	N/A
2	Identification Flats: 4-4-2	MAP
3	Biometric Consent	MAP

4.6   Type-15 Data Definition (Palm Print Image Record)

The Type-15 tagged-field logical record is used to exchange palm print image data along with fixed and user-defined textual information relevant to the palm print image.

Refer to Section 5.15: Type-15 Logical Record: Palm Print Image Record for the complete list of tags in the Type-15 record layout.

4.7   Type-16 Data Definition (Document Image Record) – Internal Cardscan Only

This record type is only applicable to RCMP internal Cardscan devices.

The Type-16 tagged-field logical record shall be used to encode the image of a scanned page containing fingerprints, palm prints or other identifiers and descriptive information that may be printed or written on the page.

All Tenprint transactions prepared with an internal Cardscan device shall contain one or more Type-16 Records, each record containing the scanned image of one (1) page belonging to the transaction. Each page shall be scanned as a grayscale image at eight (8) bits per pixel.

The Type-16 record layout definition is sourced from the ANSI/NIST definition, with certain RCMP user-defined tags added to the base specification. The RCMP-specific tags for Type-16 that are relevant to an image captured by the internal Cardscan device are described below.

16.005: UTD   User Defined Date

This tag shall contain the date on which the document image was scanned from paper into electronic form.

16.013: PGN   Page Number

This tag shall contain a sequence number assigned by the Cardscan device representing the page position within the paper transaction that starts at 1 and increments by 1 for each additional page side to be imaged.

16.015: DTP   Document Type Code

This tag shall contain a code value describing the type of document page that is seen in the scanned image. The permissible set of Document Type Codes and descriptions is found in Appendix A of this specification.

16.016: CMT   Comments

This tag provides the Contributing Agency a way to include any comments relevant to this image.

16.019: SEG   Image Position

This tag may contain up to 14 occurrences of coordinates and sizes for fingerprint or palm print images that are selected from the scanned page for the purpose of constituting the Type-4, Type-14 or Type-15 Records that are required for a Tenprint search.

16.020: CDIM   Card Dimensions

This tag shall contain the Height, Width and Card Resolution of the scanned page, measured in pixels.

Card Resolution refers to the scanning resolution and shall be measured in pixels per inch. The scanning resolution shall be set to 500 or 300 depending on the size of the scanned page.

16.021: DS   Document Side

This tag shall contain a number designating whether the scanned image is taken from the front side of the page or the back side. Each page of a paper transaction may be scanned as a single side as one Type-16 Record or a double side page constituted as two Type-16 Records.

All document pages shall be scanned with Document Side set to 1 (Front Side). The flip side of each page shall be optionally scanned with Document Side to 2 (Back Side).

5.   LOGICAL RECORD FORMATS

5.1   Type-1 Logical Record: Header Information

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
LEN	M	1.001	Logical Record Length	N	2	3	1	1		
VER	M	1.002	ANSI/NIST Version Number	N	4	4	1	1	Must contain "0502"	
CNT	M	1.003	File Content	N			2	50	**1st occurrence (mandatory):** • Information item #1: Number "1"; • Information Item #2: the total number of records in this file excluding the type-1 record. **Subsequent occurrence(s):** • Information item #1: type of record; • Information item #2: the record's IDC number.	
	M		Information Item 1	N	1	2	1	1		
	M		Information Item 2	N	1	5	1	1		
TOT	M	1.004	Type of Transaction	A	3	5	1	1	Refer to Section 3: Types of Transactions.	
DAT	M	1.005	Date of Submission	D	8	8	1	1		
PRY	M	1.006	Priority	N	1	1	1	1	Default should be 4.	
DAI	M	1.007	Destination Agency Identifier	AN	7	7	1	1	In transactions TO the RTID System, this field contains the ORI of the RTID System. In the responses FROM the RTID System this field contains the ORI from the Submitting Agency.	

Table 5-1: RCMP-NPS Type-1 Logical Record

Table 5-1: RCMP-NPS Type-1 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
OAI	M	1.008	Originating Agency Identifier	AN	7	7	1	1	In transactions TO the RTID System, this field contains the ORI of the Contributing Agency. In response transactions FROM the RTID System this field contains the ORI of the RTID System.	
TCN	M	1.009	Transaction Control Number	N	13	13	1	1	Refer to Section 2.1.5: Transaction Control Number (TCN).	
TCR	O	1.010	Transaction Control Reference Number	N	13	13	0	1	Refer to Section 2.1.6: Transaction Control Reference (TCR) Number.	
NSR	M	1.011	Native Scanning Resolution	NS	5	5	1	1	This must be 19.69 for 500 ppi prints. For transactions that do not contain fingerprint images then this tag is not applicable and should be set to "00.00"	Period
NTR	M	1.012	Nominal Transmitting Resolution	NS	5	5	1	1	This must be 19.69 for 500 ppi prints. For transactions that do not contain fingerprint images then this tag is not applicable and should be set to "00.00"	Period
GMT	O	1.014	Greenwich Mean Time	AN	15	15	0	1	Formatted as "*ccyymmddhhMMssZ*".	

5.2 Type-2 Logical Record: Criminal Tenprint Transaction (CAR-Y)

Table 5-2: CAR-Y Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
LEN	M	2.001	Logical Record Length	N	2	7	1	1		
IDC	M	2.002	Image Designation Character	N	1	5	1	1		
IMA	M	2.067	Image Capture Equipment				1	1		
	M		System Make	ANS	1	25	1	1		Any RCMP special character
	M		System Model	ANS	1	25	1	1		Any RCMP special character
	M		System Serial Number	ANS	1	50	1	1		Any RCMP special character
DCN	M	2.800	Document Control Number	N	20	20	1	1		
FPS	O	2.801	Fingerprint Section Number	AN	1	7	0	1		
ADR	M	2.802	Home Address				1	1		
	M		• Apt./Unit # – Street #/Name	ANS	1	50	1	1	Values of "UNKNOWN" and "NO FIXED ADDRESS" are valid	Any RCMP special character plus Forward Slash (/)
	M		• City	ANS	1	35	1	1	Values of "UNKNOWN" and "NO FIXED ADDRESS" are valid	Any RCMP special character
	C		• Province/State Code	N	2	2	0	1	This sub-tag can only be populated if Country Code is 124 (Canada) or 840 (USA). Refer to Table A-4: Province Codes and Table A-5: State Codes.	

Table 5-2: CAR-Y Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
	O, C		• Postal Code/ZIP Code	ANS	1	10	0	1	If the address is not "UNKNOWN" or "NO FIXED ADDRESS", this optional sub-tag becomes mandatory when Country Code is 124 (Canada) or 840 (USA). The format of the postal code must be AnA<space>nAn where A is any alphabetic character (A to Z) and n is any digit between 0 and 9 when the Country Code equals 124 (Canada).	Space, hyphen
	C		• Country Name	AS	1	35	0	1	This sub-tag must only be included when Country Code is 998 (Other).	Any RCMP special character
	O		• Country Code	N	3	3	0	1	Refer to Table A-6: Country Codes.	
OCC		*2.803*	*Occupation & Employer Name*						Deprecated tag	
IRN	O	2.804	Contributor Individual Reference Number	ANS	1	32	0	1	This information will be returned in the SRE tag as Contributor Supplied Reference Information (CREF tag 2.8952).	Any RCMP special character
NAME	M	2.806	Primary Name				1	1	A Primary Name for the subject must be populated. Enter additional names in Other Names/Alias (FNM tag 2.824).	
	M		• Surname	AS	1	24	1	1		Space, Hyphen, Apostrophe, Period
	O		• Given Name 1	AS	1	15	0	1		Space, Hyphen, Apostrophe, Period
	C		• Given Name 2	AS	1	15	0	1	This sub-tag can only be populated if Given 1 is populated.	Space, Hyphen, Apostrophe, Period
	C		• Given Name 3	AS	1	15	0	1	This sub-tag can only be populated if Given 2 is populated.	Space, Hyphen, Apostrophe, Period
	C		• Given Name 4	AS	1	15	0	1	This sub-tag can only be populated if Given 3 is populated.	Space, Hyphen, Apostrophe, Period
SEX	M	2.807	Sex	A	1	1	1	1		

Table 5-2: CAR-Y Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
HAI	O, C	2.808	Hair Colour	N	2	2	0	1	This optional tag becomes mandatory when: • an FBI search is requested (SFBI tag 2.874 equals "Y"), or • a US State search is requested (USS tag 2.876 is populated), or • an International Search is requested (ISR tag 2.891 equals "Y").	
EYE	O, C	2.809	Eye Colour	A	1	1	0	2	This optional tag becomes mandatory when: • an FBI search is requested (SFBI tag 2.874 equals "Y"), or • a US State search is requested (USS tag 2.876 is populated), or • an International Search is requested (ISR tag 2.891 equals "Y").	
HGT	M	2.810	Height	N	1	3	1	1	Valid range is 91 to 251 cm. Enter 0 if the height is unknown.	
WGT	M	2.811	Weight	N	1	3	1	1	Valid range is 23 to 227 kg. Enter 0 if the weight is unknown.	
RACE	O, C	2.814	Race Descent	A	1	1	0	1	This optional tag becomes mandatory when: • an FBI search is requested (SFBI tag 2.874 equals "Y"), or • a US State search is requested (USS tag 2.876 is populated), or • an International Search is requested (ISR tag 2.891 equals "Y").	
POB	M	2.815	Place of Birth	A	1	1	1	1		
FLG	O	2.816	Caution Flags	A	1	1	0	2	The maximum occurrence of 3 is deprecated to 2.	
CTR		*2.817*	*Response to Agency Identifier*				*Deprecated tag*			

Table 5-2: CAR-Y Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
YPF	C	2.818	Young Person Flag	A	1	1	0	1	This tag must only be included when the Young Person Flag sub-tag is set for any Charge (CHG tag 2.829).	
LGF	M	2.819	Language Flag	A	1	1	1	1		
CPX		*2.822*	*Complexion*						*Deprecated tag*	
MKS	O	2.823	Marks, Scars, Tattoos				0	50		
	M		• Mark/Scar/Tattoo Code	A	1	1	1	1		
	M		• Body Location Code	N	3	3	1	1		
	O		• Description	ANS	1	20	0	1		Any RCMP special character and "?"
OTN	O	2.824	Other Names/Alias				0	40		
	M		• Surname	AS	1	24	1	1		Space, Hyphen, Apostrophe, Period
	O		• Given Name 1	AS	1	15	0	1		Space, Hyphen, Apostrophe, Period
	C		• Given Name 2	AS	1	15	0	1	This sub-tag can only be populated if Given 1 is populated.	Space, Hyphen, Apostrophe, Period
	C		• Given Name 3	AS	1	15	0	1	This sub-tag can only be populated if Given 2 is populated.	Space, Hyphen, Apostrophe, Period
	C		• Given Name 4	AS	1	15	0	1	This sub-tag can only be populated if Given 3 is populated.	Space, Hyphen, Apostrophe, Period
NTS	O	2.826	Notepad Message				0	1		
	M		• Date/Time	T	14	14	1	1	In the format: CCYYMMDDhhmmss.	
	M		• Message Author	ANS	1	50	1	1		Any RCMP special character
	M		• Message	ANS	1	700	1	1		Any RCMP special character, Carriage Return, Line Feed

Table 5-2: CAR-Y Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
CHG	M	2.829	Charge Information				1	200		
	M		• Charge Number	N	3	3	1	1	Starts at 001 and must be sequential. Used to identify each individual charge.	
	M		• Offence Date	D	8	8	1	1	The date on which the offence was committed. Charges must not be included if the individual is less than 12 years of age on offence date.	
	M		• Investigating Agency	ANS	1	35	1	1	The name of agency responsible for investigating the charge.	Any RCMP special character
	O		• Occurrence Number	ANS	1	20	0	1	The occurrence number of the charge.	Any RCMP special character
	M		• Number of Counts	N	3	3	1	1	The number of counts of a charge; always 3 digits (e.g., 1=001, 2=002, etc., value must not be 000).	
	C		• Young Person Flag	A	1	1	0	1	This sub-tag must only be included when (i.e., set to "J") Offence Date minus DOB is between 12 years and 18 years.	
	O		• Court Information Number	ANS	1	15	0	1	The reference number used by the court to reference this charge.	Any RCMP special character
	M		• Statute of the Charge	AN	1	2	1	1	Refer to Table 4-12: 2.829 – Statute Codes.	
	C		• Section Number of Charge	ANS	1	30	0	1	This sub-tag must only be included when Free Form Flag equals "N".	Any RCMP special character
	C		• Wording Number	N	1	2	0	1	This sub-tag must only be included when the Free Form Flag is set to "N".	
	O, C		• Section Number of an Attempt or Conspiracy	ANS	1	38	0	1	This sub-tag can only contain section numbers where the Attempt/Conspiracy column in the most current Federal Statutes Table contains an "A" (Attempt) or "C" (Conspiracy).	Any RCMP special character

Table 5-2: CAR-Y Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
	O		• Charge Status Flag	A	1	1	0	1	Not currently in use.	
	M		• Free Form Flag	A	1	1	1	1	Set to "Y" if the Statute / Section # / Wording is not found in the most current Federal Statutes Table, otherwise set to "N".	
	M		• Charge Description 1	ANS	1	26	1	1	If Free-Form Flag is "N" then Charge Description must match the exact wording found in the most current Federal Statutes Table.\nIf Free-Form Flag is "Y" then Charge Description must be as descriptive as possible and include the Statute and Section Number.	Any RCMP special character
	O		• Charge Description 2	ANS	1	26	0	1	This sub-tag can only be populated if Charge Description 1 is populated.	Any RCMP special character
	C		• Charge Description 3	ANS	1	26	0	1	This sub-tag can only be populated if Charge Description 2 is populated.	Any RCMP special character
	C		• Charge Description 4	ANS	1	26	0	1	This sub-tag can only be populated if Charge Description 3 is populated.	Any RCMP special character
	C		• Charge Description 5	ANS	1	26	0	1	This sub-tag can only be populated if Charge Description 4 is populated.	Any RCMP special character
	C		• Charge Description 6	ANS	1	26	0	1	This sub-tag can only be populated if Charge Description 5 is populated.	Any RCMP special character
	C		• Charge Description 7	ANS	1	26	0	1	This sub-tag can only be populated if Charge Description 6 is populated.	Any RCMP special character
	O		• Offence Information Code	A	1	1	0	1		
	C		• Victim Age Group Code	A	1	1	0	1	This optional sub-tag becomes mandatory when the Offence Information Code equals "C".	

Table 5-2: CAR-Y Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
	C		• Victim Sex Code	A	1	1	0	1	This optional sub-tag becomes mandatory when the Offence Information Code equals "C".	
	O		• Publication Ban Indicator	N	1	1	0	1	Valid values are 1 for Yes and 0 for No. Default is 0.	
	C		• Charge Description 8	ANS	1	26	0	1	This sub-tag can only be populated if Charge Description 7 is populated.	Any RCMP special character
	C		• Charge Description 9	ANS	1	26	0	1	This sub-tag can only be populated if Charge Description 8 is populated.	Any RCMP special character
	C		• Charge Description 10	ANS	1	26	0	1	This sub-tag can only be populated if Charge Description 9 is populated.	Any RCMP special character
	C		• Charge Description 11	ANS	1	26	0	1	This sub-tag can only be populated if Charge Description 10 is populated.	Any RCMP special character
	C		• Charge Description 12	ANS	1	26	0	1	This sub-tag can only be populated if Charge Description 11 is populated.	Any RCMP special character
	C		• Charge Description 13	ANS	1	26	0	1	This sub-tag can only be populated if Charge Description 12 is populated.	Any RCMP special character
	C		• Charge Description 14	ANS	1	26	0	1	This sub-tag can only be populated if Charge Description 13 is populated.	Any RCMP special character
	C		• Charge Description 15	ANS	1	26	0	1	This sub-tag can only be populated if Charge Description 14 is populated.	Any RCMP special character
	C		• Charge Description 16	ANS	1	26	0	1	This sub-tag can only be populated if Charge Description 15 is populated.	Any RCMP special character
	C		• Charge Description 17	ANS	1	26	0	1	This sub-tag can only be populated if Charge Description 16 is populated.	Any RCMP special character
	C		• Charge Description 18	ANS	1	26	0	1	This sub-tag can only be populated if Charge Description 17 is populated.	Any RCMP special character
	C		• Charge Description 19	ANS	1	26	0	1	This sub-tag can only be populated if Charge Description 18 is populated.	Any RCMP special character

Table 5-2: CAR-Y Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
	C		• Charge Description 20	ANS	1	26	0	1	This sub-tag can only be populated if Charge Description 19 is populated.	Any RCMP special character
CGV	M	2.831	Federal Statutes Table Version Number	N	3	3	1	1		
SFBI	O	2.874	FBI Search Request	A	1	1	0	1	When a FBI search is requested the following tags become mandatory: • Hair Colour (HAI tag 2.808) • Eye Colour (EYE tag 2.809) • Race Descent (RACE tag 2.814) • Foreign Search Reason (FER tag 2.894)	
USS	C	2.876	US States Search				0	52	A US State Search can only be populated if an FBI Search (SFBI tag 2.874) is also requested If requested the following tag becomes mandatory: • Investigator Contact Information (ICI tag 2.8106).	
	M		• State Code	N	2	2	1	1	Refer to Table A-5: State Codes for a list of US State Codes.	
	O		• State File Number	ANS	1	32	0	1		Any RCMP special character
COB	M	2.883	City of Birth	ANS	1	35	1	1	A value of "UNKNOWN" is valid. When this tag is used for RCMP internal Cardscan devices: If DNA Indicator (DNAI tag 2.8220) = 0, then Capture City of Birth OR If DNA Indicator (DNAI tag 2.8220) = 1, then Set City of Birth to "N A" (Not Applicable).	Any RCMP special character

Table 5-2: CAR-Y Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
POE	C	2.884	Port of Entry	ANS	1	50	0	1	This tag must only be included when the Place of Birth (POB tag 2.815) is outside of Canada (i.e., A-USA, E-Europe, K-United Kingdom, L-Other). A value of "UNKNOWN" is valid.	Any RCMP special character
DOE	C	2.885	Date of Entry	D	8	8	0	1	This tag must only be included when the Place of Birth (POB tag 2.815) is outside of Canada (i.e., A-USA, E-Europe, K-United Kingdom, L-Other). Enter "00000000" if not known.	
RID		*2.886*	*Refugee File Number*						*Deprecated tag*	
CIC		*2.887*	*CBSA/IRCC Office Number*						*Legacy tag no longer applicable to this transaction*	
FOSS	O	2.888	Immigration Client Identifier	ANS	1	16	0	1		Any RCMP special character
ISR	O	2.891	International Search Request	A	1	1	0	1	Set to "Y" when an International search is requested. When an International Search is requested the following tags become mandatory; • Race Descent (RACE tag 2.814) • Int'l Countries to Search (IRP tag 2.892) • Foreign Search Reason (FER tag 2.894) • Investigator Contact Information (ICI tag 2.8106)	
IRP	C	2.892	International Countries to Search				0	30	This tag must only be included when International Search Request (ISR tag 2.891) equals "Y".	
	M		• Country Code	N	3	3	1	1	Refer to Table A-6: Country Codes for a list of Country Codes available for search.	
	O		• File Number	ANS	1	32	0	1		Any RCMP special character

Table 5-2: CAR-Y Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
FQO	O	2.893	Fingerprint Quality Override				0	14		
	M		• Finger Number	N	2	2	1	1	Acceptable values are 01 to 10. Values 11 through 15 are deprecated.	
	M		• Reason Code	N	2	2	1	1		
	C		• Description	ANS	1	50	0	1	This sub-tag must only be included when Reason Code equals 99.	Any RCMP special character
FER	O, C	2.894	Foreign Search Reason	ANS	1	500	0	1	This optional tag becomes mandatory when: • an FBI search is requested (SFBI tag 2.874 equals "Y"), or • a US State search is requested (USS tag 2.876 is populated), or • an International Search is requested (ISR tag 2.891 equals "Y").	Any RCMP special character plus Carriage Return & Line Feed
SDO	O	2.897	Submitting Device ORI	AN	7	7	0	1	This tag must not be included for Livescan devices.	
RET	M	2.8005	Retention Code	A	1	1	1	1	The value of this tag must be "Y".	
NOK		*2.8011*	*Next Of Kin*						*Deprecated tag*	
			• *Surname*							
			• *Given Name 1*							
			• *Given Name 2*							
			• *Given Name 3*							
			• *Given Name 4*							
			• *Relationship of Next of Kin*							
			• *Next of Kin Address*							
FBI	O	2.8014	FBI File Number	AN	1	9	0	1	This tag should only be populated when an FBI Search (SFBI tag 2.874) is requested.	

Table 5-2: CAR-Y Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
DOB	M	2.8022	Date of Birth	D	8	8	1	1	Subject's DOB must be 12 years of age or older on each Offence Date within the Charge Information. A valid date must be entered. A partial date of 00000000 is not allowed.	
DPR	M	2.8038	Date Fingerprinted	D	8	8	1	1	The Date Fingerprinted must be on or after the Offence Date for any Charge (CHG tag 2.829 sub-tag Offence Date).	
DOA		*2.8045*	*Date of Arrest*						*Deprecated tag*	
MFR	C	2.8084	Missing Finger or Image Reason				0	14	This tag must only be included when there are less than 14 type-4 records. One reason code to be provided for each missing finger or image. Refer to Section 4.2: Type-2 Data Definitions (Descriptive Text) for details.	
	M		• Finger or Image Code	N	2	2	1	1	Acceptable values are 01 to 10 for fingers and 11 to 15 for plain images.	
	M		• Missing Reason Code	A	2	2	1	1	Refer to Table 4-29: 2.8084 – Missing Reason Codes.	
	O		• Missing Date	D	8	8	0	1	Partial dates not allowed.	
ICI	O, C	2.8106	Investigator Contact Information				0	1	This optional tag becomes mandatory when a US States to Search (USS tag 2.876) or an International Search Request (ISR tag 2.891) is populated.	
	M		• Investigator Name	ANS	1	50	1	1		Any RCMP special character
	M		• Investigating Agency Name	ANS	1	50	1	1		Any RCMP special character
	O		• Investigating Section Name	ANS	1	50	0	1		Any RCMP special character
	M		• Contact Telephone Number	N	1	20	1	1		

Table 5-2: CAR-Y Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
	O		• Contact Fax Number	N	1	20	0	1		
	M		• Contact Mailing Address	ANS	1	200	1	1		Any RCMP special character, plus Carriage Return, Line Feed, and Forward Slash (/).
	O		• Contact E-mail Address	ANS	1	50	0	1		Any RCMP special character plus At Sign (@) and Underscore (_).
RI	O	2.8163	Remand Indicator	N	1	1	1	1	This tag must only be included for RCMP internal Cardscan devices, not included otherwise. When DNA Indicator (DNAI tag 2.8220) is equal to 1 (Yes) Set Remand Indicator (RI tag 2.8163) to 1 automatically (no user selection is required in this situation). Valid values: 0 – The paper transaction contains charges and dispositions 1 – The paper transaction contains charges only; dispositions to be provided separately.	

Table 5-2: CAR-Y Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
DPC	O	2.8164	Disposition Priority Code	A	1	5	0	1	This tag may be included for RCMP internal Cardscan devices, not included otherwise. Mandatory when Remand Indicator (RI tag 2.8163) is set to 0. Must not exist if Remand Indicator (RI tag 2.8163) is set to 1. Refer to list of permissible codes and descriptions within the definition of Disposition Priority Code (DPC tag 2.8164), Section 4.2: Type-2 Data Definitions (Descriptive Text).	
CDI	O	2.8212	Cardscan Device Indicator	N	1	1	0	1	This tag must always be set to 1 for RCMP internal Cardscan devices, not included otherwise. Valid value: 1 – Cardscan device	
DNAI	O	2.8220	DNA Indicator	N	1	1	1	1	This tag must always be included for RCMP internal Cardscan devices, not included otherwise. Distinguishes the capture of a 3801 DNA form as opposed to the capture of a C-216 form with charges. When 2.8264 DNA Sample Unique Number is encoded set indicator to 1 (Yes); When 2.8268 DNA Endorsement Number is encoded set indicator to 1 (Yes); Otherwise set indicator to 0 (No).	

Table 5-2: CAR-Y Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
SUN	O	2.8264	DNA Sample Unique Number	AN	3	12	0	1	This tag may be included for RCMP internal Cardscan devices, not included otherwise. For the capture of a 3801 DNA Transaction, this tag is populated with a DNA SUN identifier which links a DNA sample to the FPS. DNA Sample Unique Number (SUN tag 2.8264) and DNA Endorsement Number (DEN tag 2.8268) are mutually exclusive; only one can be encoded per transaction. The RTID System shall only accept values which are composed of seven or more numerics (0-9) followed by one alpha (A-Z).	
DEN	O	2.8268	DNA Endorsement Number	AN	3	12	0	1	This tag may be included for RCMP internal Cardscan devices, not included otherwise. For the capture of a 3801 DNA Transaction, this tag is populated with a DNA Endorsement identifier which links the endorsement to the FPS. DNA Sample Unique Number (SUN tag 2.8264) and DNA Endorsement Number (DEN tag 2.8268) are mutually exclusive; only one can be encoded per transaction. The RTID System shall only accept values which are composed of one alpha (A-Z) followed by seven or more numerics (0-9).	
DCDT	O	2.8269	DNA Court Order Date	D	8	8	0	1	This tag may be included for RCMP internal Cardscan devices, not included otherwise. Can be optionally captured from a DNA 3801 form when DNA Indicator (DNAI tag 2.8220) is equal to 1 (Yes).	
CNON	O	2.8908	Contributor Case/File Number	ANS	1	32	0	1	If supplied, the file number will be echoed back in Contributor Supplied Reference Information (CREF tag 2.8952)	Any RCMP special character
NVN	M	2.8910	External ICD Version Number	N	3	3	1	1	Must be set to "178"	

Table 5-2: CAR-Y Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
STV	M	2.8911	System Table Version Number	N	3	3	1	1	Currently must be set to "001"	
CDN	O	2.8927	Court Docket Number	ANS	1	20	0	1	This tag may be included for RCMP internal Cardscan devices, not included otherwise. Can be optionally captured from a DNA 3801 form when DNA Indicator (DNAI tag 2.8220) is equal to 1 (Yes).	Any RCMP special character
NOTD	O	2.8928	Name of Official Taking DNA Sample	ANS	1	50	0	1	This tag may be included for RCMP internal Cardscan devices, not included otherwise. Can be optionally captured from a DNA 3801 form when DNA Indicator (DNAI tag 2.8220) is equal to 1 (Yes).	Any RCMP special character
NWTD	O	2.8929	Name of Witness When Taking DNA Sample	ANS	1	50	0	1	This tag may be included for RCMP internal Cardscan devices, not included otherwise. Can be optionally captured from a DNA 3801 form when DNA Indicator (DNAI tag 2.8220) is equal to 1 (Yes).	Any RCMP special character
NFT	M	2.8931	Name of Person Responsible for Transaction	ANS	1	50	1	1		Any RCMP special character
GNA		*2.8933*	*Gang Affiliation*						*Deprecated tag*	
			• *Gang Name*							
			• *Gang Type*							
			• *Gang City Location*							
CTRY	C	2.8935	Country of Birth	N	3	3	0	1	This tag must only be included when Place of Birth (POB tag 2.815) has a value of E (Europe), K (UK) or L (Other). Refer to Table A-6: Country Codes.	
RTX	C	2.8936	Race Description	ANS	1	25	0	1	This tag must only be included when the Race Descent (RACE tag 2.814) equals "N".	Any RCMP special character
NOTF	M	2.8938	Name of Official Taking Fingerprints	ANS	1	50	1	1		Any RCMP special character

Table 5-2: CAR-Y Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
FPCL	M	2.8939	Fingerprints Capture Location	ANS	1	200	1	1		Any RCMP special character plus carriage return and line feed.

5.3 Type-2 Logical Record: Criminal Tenprint Transaction (CAR-N)

Table 5-3: CAR-N Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
LEN	M	2.001	Logical Record Length	N	2	7	1	1		
IDC	M	2.002	Image Designation Character	N	1	5	1	1		
IMA	M	2.067	Image Capture Equipment				1	1		
	M		System Make	ANS	1	25	1	1		Any RCMP special character
	M		System Model	ANS	1	25	1	1		Any RCMP special character
	M		System Serial Number	ANS	1	50	1	1		Any RCMP special character
DCN	M	2.800	Document Control Number	N	20	20	1	1		
FPS	O	2.801	Fingerprint Section Number	AN	1	7	0	1		
ADR	O	2.802	Home Address				0	1		
	M		• Apt./Unit # – Street #/Name	ANS	1	50	1	1		Any RCMP special character plus Forward Slash (/).
	M		• City	ANS	1	35	1	1		Any RCMP special character
	C		• Province/State Code	N	2	2	0	1	This sub-tag can only be populated if Country Code is 124 (Canada) or 840 (USA). Refer to Table A-4: Province Codes and Table A-5: State Codes.	
	O, C		• Postal Code/ZIP Code	ANS	1	10	0	1	If the address is not "UNKNOWN" or "NO FIXED ADDRESS", this optional sub-tag becomes mandatory when Country Code is 124 (Canada) or 840 (USA).	Space, hyphen

Table 5-3: CAR-N Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
									The format of the postal code must be AnA<space>nAn where A is any alphabetic character (A to Z) and n is any digit between 0 and 9 when the Country Code equals 124 (Canada).	
	C		• Country Name	AS	1	35	0	1	This sub-tag must only be included when Country Code is 998 (Other).	Any RCMP special character
	O		• Country Code	N	3	3	0	1	Refer to Table A-6: Country Codes.	
OCC		*2.803*	*Occupation & Employer Name*						Deprecated tag	
IRN	O	2.804	Contributor Individual Reference Number	ANS	1	32	0	1	This information will be returned in the SRE in the tag Contributor Supplied Reference Information (CREF tag 2.8952).	Any RCMP special character
NAME	M	2.806	Primary Name				1	1	A Primary Name for the subject must be populated. Enter additional names in Other Names/Alias (FNM tag 2.824).	
	M		• Surname	AS	1	24	1	1	A value of "UNKNOWN" is acceptable.	Space, Hyphen, Apostrophe, Period
	O		• Given Name 1	AS	1	15	0	1		Space, Hyphen, Apostrophe, Period
	C		• Given Name 2	AS	1	15	0	1	This sub-tag can only be populated if Given 1 is populated.	Space, Hyphen, Apostrophe, Period
	C		• Given Name 3	AS	1	15	0	1	This sub-tag can only be populated if Given 2 is populated.	Space, Hyphen, Apostrophe, Period
	C		• Given Name 4	AS	1	15	0	1	This sub-tag can only be populated if Given 3 is populated.	Space, Hyphen, Apostrophe, Period
SEX	M	2.807	Sex	A	1	1	1	1		
HAI	O, C	2.808	Hair Colour	N	2	2	0	1	This optional tag becomes mandatory when: • an FBI search is requested (SFBI tag 2.874 equals "Y"), or • a US State search is requested (USS	

Table 5-3: CAR-N Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
									tag 2.876 is populated), or	
									• an International Search is requested (ISR tag 2.891 equals "Y").	
EYE	O, C	2.809	Eye Colour	A	1	1	0	2	This optional tag becomes mandatory when: • an FBI search is requested (SFBI tag 2.874 equals "Y"), or • a US State search is requested (USS tag 2.876 is populated), or • an International Search is requested (ISR tag 2.891 equals "Y").	
HGT	O, C	2.810	Height	N	1	3	0	1	Valid range is 91 to 251 cm. Enter 0 if the height is unknown. This optional tag becomes mandatory when: • an FBI search is requested (SFBI tag 2.874 equals "Y"), • a US State search is requested (USS tag 2.876 is populated), or • an International Search is requested (ISR tag 2.891 equals "Y").	
WGT	O, C	2.811	Weight	N	1	3	0	1	Valid range is 23 to 227 kg. Enter 0 if the weight is unknown. This optional tag becomes mandatory when: • an FBI search is requested (SFBI tag 2.874 equals "Y"), • a US State search is requested (USS tag 2.876 is populated), or • an International Search is requested	

Table 5-3: CAR-N Transaction: Type-2 Logical Record

Identifier	Condi tion	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
									(ISR tag 2.891 equals "Y").	
RACE	O, C	2.814	Race Descent	A	1	1	0	1	This optional tag becomes mandatory when: • an FBI search is requested (SFBI tag 2.874 equals "Y"), or • a US State search is requested (USS tag 2.876 is populated), or • an International Search is requested (ISR tag 2.891 equals "Y").	
POB	O, C	2.815	Place of Birth	A	1	1	0	1	This optional tag becomes mandatory when: • an FBI search is requested (SFBI tag 2.874 equals "Y"), or • a US State search is requested (USS tag 2.876 is populated), or • an International Search is requested (ISR tag 2.891 equals "Y").	
CTR		*2.817*	*Response to Agency Identifier*	*Deprecated tag*						
LGF	M	2.819	Language Flag	A	1	1	1	1		
CPX		*2.822*	*Complexion*	*Deprecated tag*						
MKS	O	2.823	Marks, Scars, Tattoos				0	50		
	M		• Mark/Scar/Tatto o Code	A	1	1	1	1		
	M		• Body Location Code	N	3	3	1	1		
	O		• Description	ANS	1	20	0	1		Any RCMP special character and "?"
OTN	O	2.824	Other Names/Alias				0	40		

Table 5-3: CAR-N Transaction: Type-2 Logical Record

Identifier	Condi tion	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
	M		• Surname	AS	1	24	1	1		Space, Hyphen, Apostrophe, Period
	O		• Given Name 1	AS	1	15	0	1		Space, Hyphen, Apostrophe, Period
	C		• Given Name 2	AS	1	15	0	1	This sub-tag can only be populated if Given 1 is populated.	Space, Hyphen, Apostrophe, Period
	C		• Given Name 3	AS	1	15	0	1	This sub-tag can only be populated if Given 2 is populated.	Space, Hyphen, Apostrophe, Period
	C		• Given Name 4	AS	1	15	0	1	This sub-tag can only be populated if Given 3 is populated.	Space, Hyphen, Apostrophe, Period
NMG	O	2.827	Narrative Message	ANS	1	1000	0	1		Any RCMP special character plus Carriage Return, Line Feed
SFBI	O	2.874	FBI Search Request	A	1	1	0	1	When an FBI Search is requested the following conditional tags become mandatory: • Hair Colour (HAI tag 2.808) • Eye Colour (EYE tag 2.809) • Height (HGT tag 2.810) • Weight (WGT tag 2.811) • Race Descent (RACE tag 2.814) • Place of Birth (POB tag 2.815) • Foreign Search Reason (FER tag 2.894)	
USS	C	2.876	US States Search				0	52	A US State Search can only be populated if an FBI Search (SFBI tag 2.874) is also requested If requested the following tag becomes mandatory: • Investigator Contact Information (ICI	

Table 5-3: CAR-N Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
									tag 2.8106).	
	M		• State Code	N	2	2	1	1	Refer to Table A-5: State Codes for a list of US State Codes.	
	O		• State File Number	ANS	1	32	0	1		Any RCMP special character
COB		*2.883*	*City of Birth*						*Legacy tag no longer applicable to this transaction*	
POE		*2.884*	*Port of Entry*						*Legacy tag no longer applicable to this transaction*	
DOE		*2.885*	*Date of Entry*						*Legacy tag no longer applicable to this transaction*	
RID		*2.886*	*Refugee File Number*						*Deprecated tag*	
CIC		*2.887*	*CBSA/CIC Office Number*						*Legacy tag no longer applicable to this transaction*	
FOSS	O	2.888	Immigration Client Identifier	ANS	1	16	0	1		Any RCMP special character
ISR	O	2.891	International Search Request	A	1	1	0	1	Set to "Y" when an International search is requested. When an International Search is requested the following tags become mandatory; • Hair Colour (HAI tag 2.808) • Eye Colour (EYE tag 2.809) • Height (HGT tag 2.810) • Weight (WGT tag 2.811) • Race Descent (RACE tag 2.814) • Place of Birth (POB tag 2.815) • Int'l Countries to Search (IRP tag 2.892)	

Table 5-3: CAR-N Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
									• Foreign Search Reason (FER tag 2.894)	
									• Investigator Contact Information (ICI tag 2.8106)	
IRP	C	2.892	International Countries to Search				0	30	This tag must only be included when International Search Request (ISR tag 2.891) equals "Y".	
	M		• Country Code	N	3	3	1	1	Refer to Table A-6: Country Codes.	
	O		• File Number	ANS	1	32	0	1		Any RCMP special character
FQO	O	2.893	Fingerprint Quality Override				0	14		
	M		• Finger Number	N	2	2	1	1	Acceptable values are 01 to 10. Values 11 through 15 are deprecated.	
	M		• Reason Code	N	2	2	1	1		
	C		• Description	ANS	1	50	0	1	This sub-tag must only be included when Reason Code equals 99.	Any RCMP special character
FER	O, C	2.894	Foreign Search Reason	ANS	1	500	0	1	This optional tag becomes mandatory when: • an FBI search is requested (SFBI tag 2.874 equals "Y"), or • a US State search is requested (USS tag 2.876 is populated), or • an International Search is requested (ISR tag 2.891 equals "Y").	Any RCMP special character plus Carriage Return & Line Feed
ACS	M	2.896	Authority for Canadian Search	N	1	1	1	1		
RET	M	2.8005	Retention Code	A	1	1	1	1	The value of this tag must be "N".	
FBI	O	2.8014	FBI File Number	AN	1	9	0	1	This tag should only be populated when an FBI Search (SFBI tag 2.874) is requested.	

Table 5-3: CAR-N Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
LTC		*2.8018*	*Latent Type Code*						*Deprecated tag*	
DOB	M	2.8022	Date of Birth	D	8	8	1	1	If a valid Date of Birth is entered, then the subject must be 12 years of age or older on the Date Fingerprinted. Enter all zeroes (00000000) if date of birth is unknown or uncertain.	
DPR	M	2.8038	Date Fingerprinted	D	8	8	1	1		
MFR	C	2.8084	Missing Finger or Image Reason				0	14	This tag must only be included when there are less than 14 type-4 records. One reason code to be provided for each missing finger or image. Refer to Section 4.2: Type-2 Data Definitions (Descriptive Text) for details.	
	M		• Finger or Image Code	N	2	2	1	1	Acceptable values are 01 to 10 for fingers and 11 to 15 for plain images.	
	M		• Missing Reason Code	A	2	2	1	1	Refer to Table 4-29: 2.8084 – Missing Reason Codes.	
	O		• Missing Date	D	8	8	0	1		
ICI	O, C	2.8106	Investigator Contact Information				0	1	This optional tag becomes mandatory when a US States to Search (USS tag 2.876) or an International Search Request (ISR tag 2.891) is populated.	
	M		• Investigator Name	ANS	1	50	1	1		Any RCMP special character
	M		• Investigating Agency Name	ANS	1	50	1	1		Any RCMP special character
	O		• Investigating Section Name	ANS	1	50	0	1		Any RCMP special character
	M		• Contact Telephone Number	N	1	20	1	1		

Table 5-3: CAR-N Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
	O		• Contact Fax Number	N	1	20	0	1		
	M		• Contact Mailing Address	ANS	1	200	1	1		Any RCMP special character, plus Carriage Return, Line Feed, and Forward Slash (/).
	O		• Contact E-mail Address	ANS	1	50	0	1		Any RCMP special character plus At Sign (@) and Underscore (_).
CDI	O	2.8212	Cardscan Device Indicator	N	1	1	0	1	This tag must always be set to 1 for RCMP internal Cardscan devices, not included otherwise. Valid value: 1 – Cardscan device	
RSTS		*2.8295*	*Latent Search Target Set Code*						*Deprecated tag*	
RTSF		*2.8302*	*Record Type Search Filter*						*Deprecated tag*	
CNON	O	2.8908	Contributor Case/File Number	ANS	1	32	0	1	If supplied, the file number will be echoed back in Contributor Supplied Reference Information (CREF tag 2.8952)	Any RCMP special character
NVN	M	2.8910	External ICD Version Number	N	3	3	1	1	Must be set to "178"	
STV	M	2.8911	System Table Version Number	N	3	3	1	1	Currently must be set to "001"	
NFT	M	2.8931	Name of Person Responsible for Transaction	ANS	1	50	1	1		Any RCMP special character
CTRY		*2.8935*	*Country of Birth*						*Legacy tag no longer applicable to this transaction*	
RTX	C	2.8936	Race Description	ANS	1	25	0	1	This tag must only be included when the Race Descent (RACE tag 2.814) equals	Any RCMP special character

Table 5-3: CAR-N Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
									"N".	
NOTF	M	2.8938	Name of Official Taking Fingerprints	ANS	1	50	1	1		Any RCMP special character
FPCL	M	2.8939	Fingerprints Capture Location	ANS	1	200	1	1		Any RCMP special character plus Carriage Return & Line Feed

5.4   Type-2 Logical Record: Refugee Transaction (REF)

Table 5-4: REF Transaction: Type-2 Logical Record

Identifier	Cond ition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
LEN	M	2.001	Logical Record Length	N	2	7	1	1		
IDC	M	2.002	Image Designation Character	N	1	5	1	1		
IMA	M	2.067	Image Capture Equipment				1	1		
	M		System Make	ANS	1	25	1	1		Any RCMP special character
	M		System Model	ANS	1	25	1	1		Any RCMP special character
	M		System Serial Number	ANS	1	50	1	1		Any RCMP special character
DCN	M	2.800	Document Control Number	N	20	20	1	1		
FPS		*2.801*	*Fingerprint Section Number*						*Legacy tag no longer applicable to this transaction*	
ADR	M	2.802	Address				1	1		
	M		• Apt./Unit # – Street #/Name	ANS	1	50	1	1	A value of "UNKNOWN" and "NO FIXED ADDRESS" is valid	Any RCMP special character plus Forward Slash (/)
	M		• City	ANS	1	35	1	1	A value of "UNKNOWN" and "NO FIXED ADDRESS" is valid	Any RCMP special character
	C		• Province/State Code	N	2	2	0	1	This sub-tag can only be populated if Country Code is 124 (Canada) or 840 (USA). Refer to Table A-4: Province Codes and Table A-5: State Codes.	

Table 5-4: REF Transaction: Type-2 Logical Record

Identifier	Cond ition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
	O, C		• Postal Code/Zip Code	ANS	1	10	0	1	If the address is not "UNKNOWN" or "NO FIXED ADDRESS", this optional sub-tag becomes mandatory when Country Code is 124 (Canada) or 840 (USA). The format of the postal code must be AnA<space>nAn where A is any alphabetic character (A to Z) and n is any digit between 0 and 9 when the Country Code equals 124 (Canada).	Space, hyphen
	C		• Country Name	AS	1	35	0	1	This sub-tag must only be included when Country Code is 998 (Other).	Any RCMP special character
	O		• Country Code	N	3	3	0	1	Refer to Table A-6: Country Codes.	
OCC		*2.803*	*Occupation & Employer Name*						Deprecated tag	
NAME	M	2.806	Primary Name				1	1	A Primary Name for the subject must be populated. Enter additional names in Other Names/Alias (FNM tag 2.824).	
	M		• Surname	AS	1	24	1	1	A value of "UNKNOWN" is acceptable.	Space, Hyphen, Apostrophe, Period
	O		• Given Name 1	AS	1	15	0	1		Space, Hyphen, Apostrophe, Period
	C		• Given Name 2	AS	1	15	0	1	This sub-tag can only be populated if Given 1 is populated.	Space, Hyphen, Apostrophe, Period
	C		• Given Name 3	AS	1	15	0	1	This sub-tag can only be populated if Given 2 is populated.	Space, Hyphen, Apostrophe, Period
	C		• Given Name 4	AS	1	15	0	1	This sub-tag can only be populated if Given 3 is populated.	Space, Hyphen, Apostrophe, Period
SEX	M	2.807	Sex	A	1	1	1	1		
HAI	M	2.808	Hair Colour	N	2	2	1	1		
EYE	M	2.809	Eye Colour	A	1	1	1	2		
HGT	M	2.810	Height	N	1	3	1	1	Valid range is 91 to 251 cm. Enter 0 if the height is unknown.	

Table 5-4: REF Transaction: Type-2 Logical Record

Identifier	Cond ition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
WGT	M	2.811	Weight	N	1	3	1	1	Valid range is 23 to 227 kg. Enter 0 if the weight is unknown.	
RACE	O, C	2.814	Race Descent	A	1	1	0	1	This optional tag becomes mandatory when: • an FBI search is requested (SFBI tag 2.874 equals "Y"), or • a US State search is requested (USS tag 2.876 is populated), or • an International Search is requested (ISR tag 2.891 equals "Y").	
POB	O, C	2.815	Place of Birth	A	1	1	0	1	This optional tag becomes mandatory when: • an FBI search is requested (SFBI tag 2.874 equals "Y"), or • a US State search is requested (USS tag 2.876 is populated), or • an International Search is requested (ISR tag 2.891 equals "Y").	
CTR		*2.817*	*Response to Agency Identifier*	*Deprecated tag*						
LGF	M	2.819	Language Flag	A	1	1	1	1		
CPX		*2.822*	*Complexion*	*Deprecated tag*						
MKS	O	2.823	Marks, Scars, Tattoos				0	50		
	M		• Mark/Scar/Tatto o Code	A	1	1	1	1		
	M		• Body Location Code	N	3	3	1	1		
	O		• Description	ANS	1	20	0	1		Any RCMP special character and "?"

Table 5-4: REF Transaction: Type-2 Logical Record

Identifier	Cond ition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
OTN	O	2.824	Other Names/Alias				0	40	Allowable Special Characters must not be in first or last position of any sub-tag.	
	M		• Surname	AS	1	24	1	1		Space, Hyphen, Apostrophe, Period
	O		• Given Name 1	AS	1	15	0	1		Space, Hyphen, Apostrophe, Period
	C		• Given Name 2	AS	1	15	0	1	This sub-tag can only be populated if Given 1 is populated.	Space, Hyphen, Apostrophe, Period
	C		• Given Name 3	AS	1	15	0	1	This sub-tag can only be populated if Given 2 is populated.	Space, Hyphen, Apostrophe, Period
	C		• Given Name 4	AS	1	15	0	1	This sub-tag can only be populated if Given 3 is populated.	Space, Hyphen, Apostrophe, Period
NMG	O	2.827	Narrative Message	ANS	1	1000	0	1		Any RCMP special character plus Carriage Return, Line Feed
SFBI	O	2.874	FBI Search Request	A	1	1	0	1	When an FBI Search is requested the following conditional tags become mandatory: • Race Descent (RACE tag 2.814) • Place of Birth (POB tag 2.815) • Foreign Search Reason (FER tag 2.894)	
USS	C	2.876	US States Search				0	52	A US State Search can only be populated if an FBI Search (SFBI tag 2.874) is also requested If requested the following tag becomes mandatory: • Investigator Contact Information (ICI tag 2.8106).	
	M		• State Code	N	2	2	1	1	Refer to Table A-5: State Codes for a list of US State Codes.	

Table 5-4: REF Transaction: Type-2 Logical Record

Identifier	Cond ition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
	O		• State File Number	ANS	1	32	0	1		Any RCMP special character
COB	M	2.883	City of Birth	ANS	1	35	1	1	A value of "UNKNOWN" is valid.	Any RCMP special character
POE	M	2.884	Port of Entry	ANS	1	50	1	1	A value of "UNKNOWN" is valid.	Any RCMP special character
DOE	M	2.885	Date of Entry	D	8	8	1	1		
RID		*2.886*	*Refugee File Number*						*Deprecated tag*	
CIC	M	2.887	CBSA/IRCC Office Number	ANS	1	16	1	1		Any RCMP special character
FOSS	M	2.888	Immigration Client Identifier	ANS	1	16	1	1		Any RCMP special character
ISR	O	2.891	International Search Request	A	1	1	0	1	Set to "Y" when an International search is requested. When an International Search is requested the following tags become mandatory; • Race Descent (RACE tag 2.814); • Int'l Countries to Search (IRP tag 2.892); • Foreign Search Reason (FER tag 2.894); and • Investigator Contact Information (ICI tag 2.8106)	
IRP	C	2.892	International Countries to Search				0	30	This tag must only be included when International Search Request (ISR tag 2.891) equals "Y".	
	M		• Country Code	N	3	3	1	1	Refer to Table A-6: Country Codes.	
	O		• File Number	ANS	1	32	0	1		Any RCMP special character

Table 5-4: REF Transaction: Type-2 Logical Record

Identifier	Cond ition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
FQO	O	2.893	Fingerprint Quality Override				0	14		
	M		• Finger Number	N	2	2	1	1	Acceptable values are 01 to 10. Values 11 through 15 are deprecated.	
	M		• Reason Code	N	2	2	1	1		
	C		• Description	ANS	1	50	0	1	This sub-tag must only be included when Reason Code equals 99.	Any RCMP special character
FER	O, C	2.894	Foreign Search Reason	ANS	1	500	0	1	This optional tag becomes mandatory when: • an FBI search is requested (SFBI tag 2.874 equals "Y"), or • a US State search is requested (USS tag 2.876 is populated), or • an International Search is requested (ISR tag 2.891 equals "Y").	Any RCMP special character plus Carriage Return and Line Feed.
SDO	O	2.897	Submitting Device ORI	AN	7	7	0	1		
RET	M	2.8005	Retention Code	A	1	1	1	1	The value of the tag must be "Y".	
FBI	O	2.8014	FBI File Number	AN	1	9	0	1	This tag should only be populated when an FBI Search (SFBI tag 2.874) is requested.	
DOB	M	2.8022	Date of Birth	D	8	8	1	1	Subject's age cannot be less than 12 year or greater than 130 years based on the DOB and Date Fingerprinted. A valid date must be entered. A partial date of 00000000 is not allowed.	
DPR	M	2.8038	Date Fingerprinted	D	8	8	1	1		
MFR	C	2.8084	Missing Finger or Image Reason				0	14	This tag must only be included when there are less than 14 type-4 records. One reason code to be provided for each missing finger or image. Refer to Section 4.2: Type-2 Data Definitions (Descriptive Text) for details.	

Table 5-4: REF Transaction: Type-2 Logical Record

Identifier	Cond ition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
	M		• Finger or Image Code	N	2	2	1	1	Acceptable values are 01 to 10 for fingers and 11 to 15 for plain images.	
	M		• Missing Reason Code	A	2	2	1	1	Refer to Table 4-29: 2.8084 – Missing Reason Codes.	
	O		• Missing Date	D	8	8	0	1	Partial dates not allowed.	
ICI	O, C	2.8106	Investigator Contact Information				0	1	This optional tag becomes mandatory when a US States to Search (USS tag 2.876) or an International Search Request (ISR tag 2.891) is populated.	
	M		• Investigator Name	ANS	1	50	1	1		Any RCMP special character
	M		• Investigating Agency Name	ANS	1	50	1	1		Any RCMP special character
	O		• Investigating Section Name	ANS	1	50	0	1		Any RCMP special character
	M		• Contact Telephone Number	N	1	20	1	1		
	O		• Contact Fax Number	N	1	20	0	1		
	M		• Contact Mailing Address	ANS	1	200	1	1		Any RCMP special character, Carriage Return, Line Feed plus Forward Slash (/).
	O		• Contact E-mail Address	ANS	1	50	0	1		Any RCMP special character plus At Sign (@) and Underscore (_).

Table 5-4: REF Transaction: Type-2 Logical Record

Identifier	Cond ition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
CDI	O	2.8212	Cardscan Device Indicator	N	1	1	0	1	This tag must always be set to 1 for RCMP internal Cardscan devices, not included otherwise. Valid value: 1 – Cardscan device	
NVN	M	2.8910	External ICD Version Number	N	3	3	1	1	Must be set to "178"	
STV	M	2.8911	System Table Version Number	N	3	3	1	1	Currently must be set to "001"	
FNM	M	2.8924	Father's Name				1	1	Allowable Special Characters must not be in first or last position of any sub-tag.	
	M		• Surname	AS	1	24	1	1		Space, Hyphen, Apostrophe, Period
	O		• Given Name 1	AS	1	15	0	1		Space, Hyphen, Apostrophe, Period
	C		• Given Name 2	AS	1	15	0	1	This sub-tag can only be populated if Given 1 is populated.	Space, Hyphen, Apostrophe, Period
	C		• Given Name 3	AS	1	15	0	1	This sub-tag can only be populated if Given 2 is populated.	Space, Hyphen, Apostrophe, Period
	C		• Given Name 4	AS	1	15	0	1	This sub-tag can only be populated if Given 3 is populated.	Space, Hyphen, Apostrophe, Period
MNM	M	2.8925	Mother's Name				1	1	Allowable Special Characters must not be in first or last position of any sub-tag.	
	M		• Surname/Maiden	AS	1	24	1	1		Space, Hyphen, Apostrophe, Period
	O		• Given Name 1	AS	1	15	0	1		Space, Hyphen, Apostrophe, Period
	C		• Given Name 2	AS	1	15	0	1	This sub-tag can only be populated if Given 1 is populated.	Space, Hyphen, Apostrophe, Period
	C		• Given Name 3	AS	1	15	0	1	This sub-tag can only be populated if Given 2 is populated.	Space, Hyphen, Apostrophe, Period
	C		• Given Name 4	AS	1	15	0	1	This sub-tag can only be populated if Given 3 is populated.	Space, Hyphen, Apostrophe, Period

Table 5-4: REF Transaction: Type-2 Logical Record

Identifier	Cond ition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
NFT	M	2.8931	Name of Person Responsible for Transaction	ANS	1	50	1	1		Any RCMP special character
CTRY	M	2.8935	Country of Birth	N	3	3	1	1	Refer to Table A-6: Country Codes.	
RTX	C	2.8936	Race Description	ANS	1	25	0	1	This tag must only be included when the Race Descent (RACE tag 2.814) has a value of "N".	Any RCMP special character
NOTF	M	2.8938	Name of Official Taking Fingerprints	ANS	1	50	1	1		Any RCMP special character
FPCL	M	2.8939	Fingerprints Capture Location	ANS	1	200	1	1		Any RCMP special character plus Carriage Return & Line Feed

5.5   Type-2 Logical Record: Miscellaneous Applicant Civil Transaction (MAP)

Table 5-5: MAP Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
LEN	M	2.001	Logical Record Length	N	2	7	1	1		
IDC	M	2.002	Image Designation Character	N	1	5	1	1		
IMA	M	2.067	Image Capture Equipment				1	1		
	M		System Make	ANS	1	25	1	1		Any RCMP special character
	M		System Model	ANS	1	25	1	1		Any RCMP special character
	M		System Serial Number	ANS	1	50	1	1		Any RCMP special character
DCN	M	2.800	Document Control Number	N	20	20	1	1		
FPS	O	2.801	Fingerprint Section Number	AN	1	7	0	1		
ADR	O, C	2.802	Home Address				0	1	This optional tag becomes mandatory when the agency profile requires that a home address is captured for the civil application type.	
	M		• Apt./Unit # – Street #/Name	ANS	1	50	1	1		Any RCMP special character plus Forward Slash (/)
	M		• City	ANS	1	35	1	1		Any RCMP special character
	C		• Province/State Code	N	2	2	0	1	This sub-tag must only be included when Country Code is 124 (Canada) or 840 (USA). Refer to Table A-4: Province Codes and Table A-5: State Codes.	
	O, C		• Postal Code/Zip	ANS	1	10	0	1	This optional sub-tag becomes mandatory	Space, hyphen

Table 5-5: MAP Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
			Code						when Country Code is 124 (Canada) or 840 (USA). The format of the postal code must be AnA<space>nAn where A is any alphabetic character (A to Z) and n is any digit between 0 and 9 when the Country Code equals 124 (Canada).	
	C		• Country Name	AS	1	35	0	1	This tag must only be included when the Country Code is 998 (Other).	Any RCMP special character
	M		• Country Code	N	3	3	1	1	Refer to Table A-6: Country Codes.	
OCC		*2.803*	*Occupation & Employer Name*						*Deprecated tag*	
IRN	O	2.804	Contributor Individual Reference Number	ANS	1	32	0	1	This information will be returned in the SRE in the tag Contributor Supplied Reference Information (CREF tag 2.8952).	Any RCMP special character
NAME	M	2.806	Primary Name				1	1	A Primary Name for the subject must be populated. Enter additional names in Other Names/Alias (FNM tag 2.824). For NAME CHANGE (application type 50) this tag will contain the subject's new name	
	M		• Surname	AS	1	24	1	1		Space, Hyphen, Apostrophe, Period
	O		• Given Name 1	AS	1	15	0	1		Space, Hyphen, Apostrophe, Period
	C		• Given Name 2	AS	1	15	0	1	This sub-tag can only be populated if Given 1 is populated.	Space, Hyphen, Apostrophe, Period
	C		• Given Name 3	AS	1	15	0	1	This sub-tag can only be populated if Given 2 is populated.	Space, Hyphen, Apostrophe, Period
	C		• Given Name 4	AS	1	15	0	1	This sub-tag can only be populated if Given 3 is populated.	Space, Hyphen, Apostrophe, Period
SEX	M	2.807	Sex	A	1	1	1	1		
HAI	O, C	2.808	Hair Colour	N	2	2	0	1	This optional tag becomes mandatory when: • an FBI search is requested (SFBI tag	

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
									2.874 equals "Y"), or • an International Search is requested (ISR tag 2.891 equals "Y").	
EYE	O, C	2.809	Eye Colour	A	1	1	0	2	This optional tag becomes mandatory when: • an FBI search is requested (SFBI tag 2.874 equals "Y"), or • an International Search is requested (ISR tag 2.891 equals "Y").	
HGT	O, C	2.810	Height	N	1	3	0	1	Valid range is 91 to 251 cm. Enter 0 if the height is unknown. This optional tag becomes mandatory when: • an FBI search is requested (SFBI tag 2.874 equals "Y"), • a US State search is requested (USS tag 2.876 is populated), or • an International Search is requested (ISR tag 2.891 equals "Y").	
WGT	O, C	2.811	Weight	N	1	3	0	1	Valid range is 23 to 227 kg. Enter 0 if the weight is unknown. This optional tag becomes mandatory when: • an FBI search is requested (SFBI tag 2.874 equals "Y"), • a US State search is requested (USS tag 2.876 is populated), or • an International Search is requested (ISR tag 2.891 equals "Y").	
CTR	C	2.817	Response to Agency Identifier	AN	7	7	0	1	This tag must only be included when Response to Agency (SRS tag 2.8900) = 2 (Respond to Agency), and must contain the RTID Agency Identifier (ORI) for another	

Table 5-5: MAP Transaction: Type-2 Logical Record

Table 5-5: MAP Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
									agency that is accredited for MAP transactions and is authorized to receive civil search results by email. The field size of 6/9 is deprecated to 7/7.	
LGF	M	2.819	Language Flag	A	1	1	1	1		
OTN	O, C	2.824	Other Names/Alias				0	40	This optional tag becomes mandatory when application type is NAME CHANGE (code 50) and will contain the subject's current name. Allowable Special Characters must not be in first or last position of any sub-tag.	
	M		• Surname	AS	1	24	1	1		Space, Hyphen, Apostrophe, Period
	O		• Given Name 1	AS	1	15	0	1		Space, Hyphen, Apostrophe, Period
	O		• Given Name 2	AS	1	15	0	1	This sub-tag can only be populated if Given 1 is populated.	Space, Hyphen, Apostrophe, Period
	O		• Given Name 3	AS	1	15	0	1	This sub-tag can only be populated if Given 2 is populated.	Space, Hyphen, Apostrophe, Period
	O		• Given Name 4	AS	1	15	0	1	This sub-tag can only be populated if Given 3 is populated.	Space, Hyphen, Apostrophe, Period
NMG	O	2.827	Narrative Message	ANS	1	1000	0	1		Any RCMP special character plus Carriage Return, Line Feed
LOR	C	2.833	Language of Result	N	1	1	0	1	This tag must only be included when Language Option is "Yes" for the Application Type (APT tag 2.869). Refer to Table 4-24: 2.869 – Civil Application Type Codes for details.	
APR	O	2.835	Applicant Payment Remittance				0	1	This tag may be included for RCMP internal Cardscan devices, not included otherwise.	
	M		Remittance Type Code	N	1	2	1	1	Permissible code values are provided in the sub-tag definition for Applicant Payment	

Table 5-5: MAP Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
									Remittance (APR tag 2.835) appearing in Section 4.2: Type-2 Data Definitions (Descriptive Text).	
	C		Other Remittance Type Description	ANS	1	40	0	1	A description is mandatory when Remittance Type Code is equal to 9 (OTHER TYPE NOT IN LIST).	Any RCMP special character
	M		Remittance Amount	NS	1	12	1	1	Whole amounts without decimal point and amounts with two fractional digits after a decimal point are permitted.	Period (.) is allowed as a decimal point.
	M		Currency Code	A	3	3	1	1	Permissible code values are provided in the sub-tag definition for Applicant Payment Remittance (APR tag 2.835) appearing in Section 4.2: Type-2 Data Definitions (Descriptive Text).	
	C		Other Currency Type Description	ANS	1	40	0	1	A description is mandatory when Currency Code is equal to "NIL" (OTHER TYPE NOT IN LIST).	Any RCMP special character
	M		Number of Civil Requests Included	N	1	2	1	1	Must be greater than zero	
	O		Payment Instrument Number	ANS	1	16	0	1		Any RCMP special character
	O		Payment Instrument Date	D	8	8	0	1		
PYT	C	2.838	Payment Type	N	1	1	0	1	This tag must only be included when a fee is required for the Application Type (APT tag 2.869).	
BBID	C	2.849	Bulk Billing Agency Identifier	AN	7	7	0	1	This tag must only be included when the Payment Type (PYT tag 2.838) is set to "4".	
ATS	C	2.850	Application Type Specify	ANS	1	50	0	1	This tag must only be included when the Application Type (APT tag 2.869) is 7, 20, 22, 25, or 39.	Any RCMP special character
CFN	O, C	2.865	Consent Form Number	ANS	1	8	0	1	This optional tag becomes mandatory when an applicant is eighteen (18) years of age or older. This tag must not be included for application type 44 (no consent form for app	

Table 5-5: MAP Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
									type 44).	
PDM	C	2.866	Preferred Delivery Method	N	1	2	0	1	This tag is mandatory when civil efficiencies is implemented.	
CREA	C	2.867	Civil Results E-mail Address	ANS	5	100	0	1	This tag must only be included when the applicant identifies their Preferred Delivery Method (PDM tag 2.866) to be clear text email (Code 1) and the Send Results to Source (SRS tag 2.8900) is set to either 3 (Individual) or 4 (Response Address).	At Sign (@), Underscore (_), Period (.) and Hyphen (-) permitted.
APT	M	2.869	Application Type				1	1	Refer to Table 4-24: 2.869 – Civil Application Type Codes.	
	M		• Application Type	N	1	2	1	1		
	C		• Sub-Type	N	4	4	0	1	This tag must only be included when Application Type (APT tag 2.869) is 10, 34, and 50.	
VAO	C	2.870	Vulnerable Sector Consent Number One – Authentication Obtained Indicator	N	1	1	0	1	This tag must only be included when Employment in Vulnerable Sector Indicator (EVSI tag 2.8943) is selected. When this tag is set to 1 (Yes) Biometric Consent Image Designator (BCID tag 2.889) must be encoded with the IDC of a biometric consent image or • Applicant Consent Signature Indicator (ACSIG tag 2.890) must be set to 1 which indicates that a written consent signature has been provided on the paper form. Applicant Consent Signature Indicator (ACSIG tag 2.890) only permitted from a Cardscan device.	
VCL	C	2.871	Volunteer Confirmation Letter Verified Indicator	N	1	1	0	1	This tag must only be included when the Application Type (APT tag 2.869) is 25.	

Table 5-5: MAP Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
TPW	C	2.872	Third-Party Waiver Consent Obtained Indicator	N	1	1	0	1	This tag must only be included if the VS Authentication Obtained (VAO tag 2.870) is not included and the applicant is eighteen (18) years of age or older. When this tag is set to 1 (Yes) • Biometric Consent Image Designator (BCID tag 2.889) must be encoded with the IDC of a biometric consent image or • Applicant Consent Signature Indicator (ACSIG tag 2.890) must be set to 1 which indicates that a written consent signature has been provided on the paper form. Applicant Consent Signature Indicator (ACSIG tag 2.890) only permitted from a Cardscan device.	
DIS	C	2.873	Details of Information Sought	ANS	1	300	0	1	This tag must only be included when the Application Type (APT tag 2.869) is 10 / 1003.	Any RCMP special character
SFBI	O	2.874	FBI Search Request	A	1	1	0	1	When an FBI Search is requested the following tags become mandatory: • Hair Colour (HAI tag 2.808); • Eye Colour (EYE tag 2.809); • Height (HGT tag 2.810); • Weight (WGT tag 2.811); and • Foreign Search Reason (FER tag 2.894).	
RID		*2.886*	*Refugee File Number*				*Deprecated tag*			
CIC		*2.887*	*CBSA/IRCC Office Number*				*Legacy tag no longer applicable to this transaction*			

Table 5-5: MAP Transaction: Type-2 Logical Record

Identifier	Condi tion	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
FOSS	O	2.888	Immigration Client Identifier	ANS	1	16	0	1		Any RCMP special character
BCID	C	2.889	Biometric Consent Image Designator	N	2	5	0	1	Refer to the notes for Vulnerable Sector Consent Number One - Authentication Obtained Indicator (VAO tag 2.870) and Third Party Waiver Authentication Obtained Indicator (TPW tag 2.872) above for the business rules governing when Biometric Consent Image Designator (BCID tag 2.889) must be encoded or Applicant Consent Signature Indicator (ACSIG tag 2.890) must be set to 1.	
ACSIG	C	2.890	Applicant Consent Signature Indicator	N	1	1	0	1	See tag 2.889 above. Indicates whether a written signature has been provided by the civil applicant respecting the release of search results by the RCMP. An applicant signature can be accepted in place of a biometric consent image. Valid values are: 0 – No 1 – Yes Only permitted from a Cardscan device.	
ISR	O	2.891	International Search Request	A	1	1	0	1	Set to "Y" when an International search is requested. When an International Search is requested the following tags become mandatory; • Hair Colour (HAI tag 2.808); • Eye Colour (EYE tag 2.809); • Height (HGT tag 2.810); • Weight (WGT tag 2.811); • Int'l Countries to Search (IRP tag 2.892);	

Table 5-5: MAP Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
									and	
									• Foreign Search Reason (FER tag 2.894).	
IRP	C	2.892	International Countries to Search				0	5	This tag must only be included when International Search Request (ISR tag 2.891) equals "Y".	
	M		• Country Code	N	3	3	1	1	Refer to Table A-6: Country Codes for a list of Country Codes available for search.	
	O		• File Number	ANS	1	32	0	1		Any RCMP special character
FQO	O	2.893	Fingerprint Quality Override				0	14		
	M		• Finger Number	N	2	2	1	1	Acceptable values are 01 to 10. Values 11 through 15 are deprecated.	
	M		• Reason Code	N	2	2	1	1		
	C		• Description	ANS	1	50	0	1	This tag must only be included when the reason code selected is "99".	Any RCMP special character
FER	O, C	2.894	Foreign Search Reason	ANS	1	500	0	1	This optional tag becomes mandatory when: • an FBI search is requested (SFBI tag 2.874 equals "Y"), or • a US State search is requested (USS tag 2.876 is populated), or • an International Search is requested (ISR tag 2.891 equals "Y").	Any RCMP special character
SDO	O	2.897	Submitting Device ORI	AN	7	7	0	1		
RET	M	2.8005	Retention Code	A	1	1	1	1	The value of this tag must be "N".	
DOB	M	2.8022	Date of Birth	D	8	8	1	1	Subjects DOB must be 12 years of age or older on Date Fingerprinted (DPR tag 2.8038). A valid date must be entered. A partial date of 00000000 is not allowed.	

Table 5-5: MAP Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
DPR	M	2.8038	Date Fingerprinted	D	8	8	1	1		
MFR	C	2.8084	Missing Finger or Image Reason				0	14	This tag must only be included when there are less than 14 type-4 records or less than 3 type-14 records or missing fingers from any type-14 record. One reason code to be provided for each missing finger or image. Refer to Section 4.2: Type-2 Data Definitions (Descriptive Text) for details.	
	M		• Finger or Image Code	N	2	2	1	1	Acceptable values are 01 to 10 for fingers and 11 to 15 for plain images.	
	M		• Missing Reason Code	A	2	2	1	1	Refer to Table 4-29: 2.8084 – Missing Reason Codes.	
	O		• Missing Date	D	8	8	0	1	Partial dates not allowed.	
CDI	O	2.8212	Cardscan Device Indicator	N	1	1	0	1	This tag must always be set to 1 for RCMP internal Cardscan devices, not included otherwise. Valid value: 1 – Cardscan device	
SRS	M	2.8900	Send Results	N	1	1	1	1	Refer to Table 4-31: 2.8900 – Send Results Codes.	
RTA	C	2.8903	Return Mailing Address				0	1	This tag must only be included when the Send Results to Source (SRS tag 2.8900) has a value of 3 or 4.	
	M		• Attention Name	ANS	1	40	1	1		Any RCMP special character plus Forward Slash (/)
	M		• Address Line 1	ANS	1	50	1	1		Any RCMP special character plus Forward Slash (/)
	O		• Address Line 2	ANS	1	50	0	1		Any RCMP special character plus Forward Slash (/)
	C		• Address Line 3	ANS	1	50	0	1	This sub-tag can only be populated if	Any RCMP special

Table 5-5: MAP Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
									Address Line 2 is populated.	character plus Forward Slash (/)
	M		• City	ANS	1	35	1	1		Any RCMP special character
	C		• Province/State Code	N	2	2	0	1	This tag must only be included when the Country Code selected is 124 (Canada) or 840 (United States). Refer to Table A-4: Province Codes and Table A-5: State Codes.	
	O, C		• Postal Code/Zip Code	ANS	1	10	0	1	This optional tag becomes mandatory when the Country Code selected is 124 (Canada) or 840 (United States). The format of the postal code must be AnA<space>nAn where A is any alphabetic character (A to Z) and n is any digit between 0 and 9 when the Country Code equals 124 (Canada).	Space, hyphen
	C		• Country Name	AS	1	35	0	1	This tag must only be included when the Country Code selected is 998 (Other).	Any RCMP special character
	M		• Country Code	N	3	3	1	1	Refer to Table A-6: Country Codes.	
DLVI	O	2.8905	Delivery Instructions	ANS	1	2000	0	1	This tag may be included for RCMP internal Cardscan devices, not included otherwise.	Any RCMP special character plus Carriage Return and Line Feed
CNON	O	2.8908	Contributor Case/File Number	ANS	1	32	0	1	If supplied, the file number will be echoed back in Contributor Supplied Reference Information (CREF tag 2.8952).	Any RCMP special character
NVN	M	2.8910	External ICD Version Number	N	3	3	1	1	Must be set to "178".	
STV	M	2.8911	System Table Version Number	N	3	3	1	1	Currently must be set to "001".	
NFT	M	2.8931	Name of Person Responsible for Transaction	ANS	1	50	1	1		Any RCMP special character

Table 5-5: MAP Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
TEL	O	2.8934	Telephone Number				0	1		
	O		• Area Code	N	3	3	0	1		
	M		• Telephone Number	N	1	20	1	1		
	O		• Telephone Extension	N	1	5	0	1		
NOTF	M	2.8938	Name of Official Taking Fingerprints	ANS	1	50	1	1		Any RCMP special character
FPCL	M	2.8939	Fingerprints Capture Location	ANS	1	200	1	1		Any RCMP special character plus Carriage Return & Line Feed
EVSI	C	2.8943	Employment in Vulnerable Sector Indicator	N	1	1	0	1	This tag can only be populated if the Application Type (APT tag 2.869) is one of: 7, 20, 22, 25, 39.	
VSD	C	2.8944	Vulnerable Sector Details				0	1	This tag must only be included when the Employment in Vulnerable Sector Indicator (EVSI tag 2.8943) is set to 1 (Yes).	
	M		• Description of Position	ANS	1	100	1	1		Any RCMP special character
	M		• Name of Person or Organization	ANS	1	100	1	1		Any RCMP special character
	M		• Details Regarding Children or Vulnerable Person(s)	ANS	1	100	1	1		Any RCMP special character

5.6   Type-2 Logical Record: Tenprint Search Results (SRE)

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
Table 5-6: SRE Transaction: Type-2 Logical Record										
					Min	Max	Min	Max		
LEN	M	2.001	Logical Record Length	N	2	7	1	1		
IDC	M	2.002	Image Designation Character	N	1	5	1	1		
DCN	M	2.800	Document Control Number	N	20	20	1	1		
CTR	O	2.817	Response to Agency Identifier	AN	7	7	0	1		
NMG	O	2.827	Narrative Message	ANS	1	1000	0	1		Any RCMP special character plus Carriage Return, Line Feed, At Sign
ATS	O	2.850	Application Type Specify	ANS	1	50	0	1		Any RCMP special character
APT	O	2.869	Application Type				0	1		
	M		Application Type	N	1	2	1	1		
	C		Sub-Type	N	4	4	0	1		
RRES	M	2.875	RCMP-NPS Results	A	1	1	1	1		
ESD	O	2.8044	Effective Search Date	D	8	8	0	1		
ACN	O	2.8071	Action to be Taken	ANS	1	300	0	1		Any RCMP special character plus Carriage Return & Line Feed, At Sign
NVN	M	2.8910	External ICD Version Number	N	3	3	1	1		
CRS	O	2.8913	Criminal Record				0	1		
	O		• Country	N	3	3	0	1		

Table 5-6: SRE Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
	O		• Criminal Record Contents	ANS	1	200000	0	1		Any RCMP special character plus Carriage Return & Line Feed
EVSI	O	2.8943	Employment in Vulnerable Sector Indicator	N	1	1	0	1		
CREF	O	2.8952	Contributor Supplied Reference Information				0	1		
	M		• Surname	AS	1	50	1	1	Echo of incoming Primary Name (NAME tag 2.806 sub-tag Surname).	Space, Period, Hyphen, Apostrophe
	O		• Given Name 1	AS	1	20	0	1	Echo of incoming Primary Name (NAME tag 2.806 sub-tag Given Name 1).	Space, Period, Hyphen, Apostrophe
	O		• Given Name 2	AS	1	20	0	1	Echo of incoming Primary Name (NAME tag 2.806 sub-tag Given Name 2).	Space, Period, Hyphen, Apostrophe
	O		• Given Name 3	AS	1	20	0	1	Echo of incoming Primary Name (NAME tag 2.806 sub-tag Given Name 3).	Space, Period, Hyphen, Apostrophe
	O		• Given Name 4	AS	1	20	0	1	Echo of incoming Primary Name (NAME tag 2.806 sub-tag Given Name 4).	Space, Period, Hyphen, Apostrophe
	O		• Date of Birth	N	8	8	1	1	Echo of incoming DOB (DOB tag 2.8022).	
	O		• Sex	A	1	1	0	1	Echo of incoming Sex (SEX tag 2.807).	
	O		• CBSA/IRCC Office Number	ANS	1	16	0	1	Echo of incoming Immigration Office Number (CIC tag 2.887).	Any RCMP special character
	O		• Immigration Client Identifier	ANS	1	16	0	1	Echo of Immigration Client Identifier (FOSS tag 2.888).	Any RCMP special character
	O		• Contributor Individual Reference Number	ANS	1	32	0	1	Echo of Contributor Individual Reference Number (IRN tag 2.804).	Any RCMP special character
	O		• Contributor Case File Number	ANS	1	32	0	1	Echo of Contributor Case/File Number (CNON tag 2.8908).	Any RCMP special character

Table 5-6: SRE Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
IDI	O	2.8953	Search Result Information				0	10		
	M		• File Type Searched Code	N	1	2	1	1	Refer to Table 4-33: 2.8953A – File Type Searched Codes.	
	M		• Search Result Code	A	1	1	1	1	Refer to Table 4-34: 2.8953B – Search Result Codes.	
	O		• File Number	AN	1	12	0	1		
	O		• Surname	AS	1	50	0	1		Space, Period, Hyphen, Apostrophe
	O		• Given Name 1	AS	1	20	0	1		Space, Period, Hyphen, Apostrophe
	O		• Given Name 2	AS	1	20	0	1		Space, Period, Hyphen, Apostrophe
	O		• Given Name 3	AS	1	20	0	1		Space, Period, Hyphen, Apostrophe
	O		• Given Name 4	AS	1	20	0	1		Space, Period, Hyphen, Apostrophe
	O		• Date of Birth	D	8	8	0	1	May be a partial date "YYYY0000" or "YYYYMM00".	
	O		• Sex	A	1	1	0	1		
	O		• CBSA/IRCC Office Number	ANS	1	16	0	1		Any RCMP special character
	O		• Immigration Client Identifier	ANS	1	16	0	1		Any RCMP special character

5.7   Type-2 Logical Record: Image Request (IRQ)

IRQ shall not be supported for Cardscan or Livescan devices.

Table 5-7: IRQ Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
LEN	M	2.001	Logical Record Length	N	2	7	1	1		
IDC	M	2.002	Image Designation Character	N	1	5	1	1		
LGF	M	2.819	Language Flag	A	1	1	1	1		
ITR	M	2.832	Image Type Requested	N	2	2	1	5		
DCR	O	2.851	DCN Reference Number	N	20	20	0	1	If a DCN is not specified, then a composite set is returned where releasable.	
OID	C	2.8337	Operator Identifier	AN	6	9	0	1	This tag must only be included when the contributor ORI is an RCMP Remote Site.	
NVN	M	2.8910	External ICD Version Number	N	3	3	1	1	Must be set to "178"	
STV	M	2.8911	System Table Version Number	N	3	3	1	1	Currently set to "001"	
NFT	M	2.8931	Name of Person Responsible for Transaction	ANS	1	50	1	1		
AFN	M	2.8973	Subject File Identifier				1	1	File Number must match the File Type Code.	
	M		File Type Code	N	2	2	1	1	Refer to Table 4-36: 2.8973 – File Type Codes.	
	M		Subject File Number	AN	1	12	1	1		

5.8   Type-2 Logical Record: Image Request Response (IRR)

IRR shall not be supported for Cardscan or Livescan devices.

Table 5-8: IRR Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
LEN	M	2.001	Logical Record Length	N	2	7	1	1		
IDC	M	2.002	Image Designation Character	N	1	5	1	1		
NMG	O	2.827	Narrative Message	ANS	1	1000	0	1		Any RCMP special character plus Carriage Return Line Feed, At sign.
ITR	M	2.832	Image Type Requested	N	2	2	1	5		
DCR	O	2.851	DCN Reference Number	N	20	20	0	1		
FQO	O	2.893	Fingerprint Quality Override				0	14		
	M		• Finger Number	N	2	2	1	1	Acceptable values are 01 to 15	
	M		• Override Reason Code	N	2	2	1	1		
	O		• Description	ANS	1	50	0	1		Any RCMP Special Character
AAI	O	2.8021	Added by Agency Identifier	AN	7	7	0	1		
DPR	O	2.8038	Date Fingerprinted	D	8	8	0	1		
SID	M	2.8046	Success Indicator	N	1	1	1	1	A value of "0" (No) means the IRQ was not successful and images are not returned. A value of "1" (Yes) means the IRQ was successful and images are returned.	

Table 5-8: IRR Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
ACN	O	2.8071	Action to be Taken	ANS	1	300	0	1		Any RCMP Special Character Plus Carriage Return, Line Feed, At sign
MFR	O	2.8084	Missing Finger or Image Reason				0	14		
	M		• Finger or Image Code	N	2	2	1	1	Acceptable values are 01 to 10 for fingers and 11 to 15 for plain images.	
	M		• Missing Reason Code	A	2	2	1	1		
	O		• Missing Date	D	8	8	0	1		
OID	O	2.8337	Operator Identifier	AN	6	9	0	1		
NVN	M	2.8910	External ICD Version Number	N	3	3	1	1		
IDI	C	2.8953	Search Result Information				0	1	This tag only gets populated if the Success Indicator (SID tag 2.8046) is set to "1" and will contain the information on file at the RCMP for the indicated file type and file number.	
	M		• File Type Searched Code	N	1	2	1	1	Refer to Table 4-33: 2.8953A – File Type Searched Codes. Shall be set to the same value as returned in the Subject File Identifier (AFN tag 2.8973 sub-tag File Type Code).	
	M		• Search Result Code	A	1	1	1	1	Shall always be set to value "I" (Positive Identification), based on a match on file number.	
	M		• File Number	AN	1	12	1	1	Criminal file numbers are returned in the short format (alphanumeric). 1 to 7 digits. Immigration file numbers are returned as 12-digit numbers prefixed with either "5" or "33".	
	O		• Surname	AS	1	50	0	1		Space, Period, Hyphen, Apostrophe

Table 5-8: IRR Transaction: Type-2 Logical Record

Identifier	Cond ition	Tag Number	Tag Name	Char acter Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
	O		• Given Name 1	AS	1	20	0	1		Space, Period, Hyphen, Apostrophe
	O		• Given Name 2	AS	1	20	0	1		Space, Period, Hyphen, Apostrophe
	O		• Given Name 3	AS	1	20	0	1		Space, Period, Hyphen, Apostrophe
	O		• Given Name 4	AS	1	20	0	1		Space, Period, Hyphen, Apostrophe
	O		• Date of Birth	D	8	8	0	1	May be a partial date "YYYY0000" or "YYYYMM00".	
	O		• Sex	A	1	1	0	1		
	O		• CBSA/IRCC Office Number	ANS	1	16	0	1		
	O		• Immigration Client Identifier	ANS	1	16	0	1		
AFN	M	2.8973	Subject File Identifier				1	1	The sub-tag values echo back what was submitted in the corresponding IRQ transaction.	
	M		• File Type Code	N	2	2	1	1	Refer to Table 4-36: 2.8973 – File Type Codes.	
	M		• Subject File Number	AN	1	12	1	1		

5.9   Type-2 Logical Record: Error Tenprint Transaction (ERRT)

Table 5-9: ERRT Transaction: Type-2 Logical Record

Identifier	Condition	Tag Number	Tag Name	Character Type	Field Size Per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
LEN	M	2.001	Logical Record Length	N	2	7	1	1		
IDC	M	2.002	Image Designation Character	N	1	5	1	1		
DCN	M	2.800	Document Control Number	N	20	20	1	1		
NMG	O	2.827	Narrative Message	ANS	1	1000	0	1		Any RCMP special character plus Carriage Return, Line Feed, At sign.
RRES	O	2.875	RCMP-NPS Results	A	1	1	0	1		
EMSG	M	2.8060	Error				1	50		
	M		• Error Code	N	1	5	1	1		
	M		• Error Message	ANS	1	300	1	1		Any RCMP special character, At sign
NVN	M	2.8910	External ICD Version Number	N	3	3	1	1		

5.10 Type-2 Logical Record: Error Image Request (ERRI)

ERRI shall not be supported for Cardscan or Livescan devices.

Table 5-10: ERRI Transaction: Type-2 Logical Record

Identifier	Cond ition	Tag Number	Tag Name	Char acter Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
LEN	M	2.001	Logical Record Length	N	2	7	1	1		
IDC	M	2.002	Image Designation Character	N	1	5	1	1		
EMSG	M	2.8060	Error				1	50		
	M		• Error Code	N	1	5	1	1		
	M		• Error Message	ANS	1	300	1	1		Any RCMP special character, At sign
NVN	M	2.8910	External ICD Version Number	N	3	3	1	1		

5.11 Type-2 Logical Record: Acknowledgment Tenprint (ACKT)

Table 5-11: ACKT Transaction: Type-2 Logical Record

Identifier	Cond ition	Tag Number	Tag Name	Chara cter Type	Field Size per Occurrence		Occurrences		Notes	Special Characters Allowed
					Min	Max	Min	Max		
LEN	M	2.001	Logical Record Length	N	2	7	1	1		
IDC	M	2.002	Image Designation Character	N	1	5	1	1		
DCN	M	2.800	Document Control Number	N	20	20	1	1		
NVN	M	2.8910	External ICD Version Number	N	3	3	1	1		

5.12 Type-4 Logical Record: Fingerprint Image Data

All Type-4 data fields are encoded as binary values.

Table 5-12: Type-4 Logical Record

Identifier	Condition	Name	Byte Position	Len	Notes
LEN	M	Logical Record Length	1-4	4	The length of this Type-4 record.
IDC	M	Image Designation Character	5	1	The IDC value for this image record. This IDC number will be represented in the File Content (CNT) field of the type-1 record (CNT tag 1.003).
IMP	M	Impression Type	6	1	Valid codes and the descriptions are found in Table A-3: Impression Types. Only codes 0 to 3 shall be accepted.
FGP	M	Finger Number	7-12	6	Only the leftmost byte of this 6-byte value shall be used to specify a finger position number for the image. Valid codes and descriptions are found in Table A-1: Finger/Palm Codes. Code values 1 to 14 shall be accepted in the first byte position; any codes appearing in positions 2 through 6 shall be ignored.
ISR	M	Image Scanning Resolution	13	1	This field shall be set to "0" if the minimum scanning resolution is used or "1" if the native scanning resolution is used.
HLL	M	Horizontal Line Length	14-15	2	The number of pixels contained on a single horizontal line of the transmitted image. Refer to Table A-2: Finger/Palm Box Sizes.
VLL	M	Vertical Line Length	16-17	2	The number of horizontal lines contained in the transmitted image. Refer to Table A-2: Finger/Palm Box Sizes.
GCA	M	Grayscale Compression Algorithm	18	1	Binary value 1 indicates WSQ compression.
DAT	M	Image Data	19-end		Image data (not max length).

5.13 Type-10 Logical Record: Photo Image Record

Table 5-13: Type-10 Logical Record

Identifier	Cond ition	Tag Number	Tag Name	Char Type	Min Size	Max Size	Min Occurr ence	Max Occurr ence	Notes
LEN	M	10.001	Logical Record Length	N	4	8	1	1	
IDC	M	10.002	Image Designation Character	N	1	5	1	1	
IMT	M	10.003	Image Type	A	4	7	1	1	This tag is used to capture the type of image contained in this record. "FACE" is the only acceptable value.
SRC	M	10.004	Source Agency Identifier	AN	7	7	1	1	ORI of the agency that captured the photo image
PHD	M	10.005	Photo Date	D	8	8	1	1	Date the photo was captured
HLL	M	10.006	Horizontal Line Length	N	3	5	1	1	Min 480, Max 1024
VLL	M	10.007	Vertical Line Length	N	3	5	1	1	Min 600, Max 1280
SLC	M	10.008	Scale Units	N	1	1	1	1	This tag is used to describe the image sampling frequency (pixel density). • "0" indicates no scale is given • "1" indicates pixels per inch • "2" indicates pixels per centimeter
HPS	M	10.009	Horizontal Pixel Scale	N	1	5	1	1	Contributors must round to the nearest whole number. • If SLC=0, the only acceptable value for HPS and VPS is 1; • If SLC = "1" or "2", HPS and VPS must represent the actual resolution. Ratio of HPS:VPS must be 1:1.
VPS	M	10.010	Vertical Pixel Scale	N	1	5	1	1	Contributors must round to the nearest whole number. • If SLC=0, the only acceptable value for HPS and VPS is 1; • If SLC= "1" or "2"; HPS and VPS must represent the actual resolution. Ratio of HPS:VPS must be 1:1.
CGA	M	10.011	Compression Algorithm	A	3	7	1	1	This tag shall be used to specify the type of compression algorithm used (if any). Valid values are JPEGB (JPEG Baseline image was compressed using baseline JPEG) and JPEGL (image was compressed with a lossless mode).
CSP	M	10.012	Colour Space	A	3	5	1	1	This field shall contain an entry to identify the colour space used

Table 5-13: Type-10 Logical Record

Identifier	Cond ition	Tag Number	Tag Name	Char Type	Min Size	Max Size	Min Occurr ence	Max Occurr ence	Notes
									to exchange the image data. • Enter "SRGB" for compressed images in JPEG. • Enter "GRAY" for grayscale images. • Enter "RGB" for uncompressed colour images containing non-interleaved red, green, and blue pixels in that order. **Note:** "YCC" for compressed images in JPEG or JPEG File Interchange Format (JFIF) (Deprecated).
POS	O	10.020	Subject Pose	A	1	1	0	1	This tag is used to describe the pose of the subject. Valid vales are: • F (Full Face Frontal); • R (Right Profile – 90 degree); • L (Left Profile – 90 degree); and • A (Angled Pose). For MAP, "F" (Full Face Frontal) is the only acceptable value. For the angled pose entry "A", Pose Offset Angle (POA tag 10.021) shall contain the offset angle from the full face orientation.
POA	C	10.021	Pose Offset Angle	NS	1	5	0	1	This tag must only be included when the Subject Pose (10.020) is "A" (angled pose). The value shall be to the nearest degree. Acceptable values are – 180 degrees to 180 degrees. The "+" is **NOT** allowed. Enter the positive degree with just the number. For example, +120 should be entered as just 120. Special character allowed: hyphen ("-").
PXS	O	10.022	Photo Description	A	4	21	0	9	
COM	O	10.200	Comments	ANS	1	500	0	1	Any RCMP special character plus Carriage Return and Line Feed.
DAT	M	10.999	Image Data	B	2	*	1	1	

Note: When "*" is shown in Max Size, it means that the limit is undefined.

5.14 Type-14 Logical Record: Fingerprint Image Data

Table 5-14: Type-14 Logical Record

Identifier	Condition	Tag Number	Tag Name	Char Type	Min Size	Max Size	Min Occurrence	Max Occurrence	Notes
LEN	M	14.001	Logical Record Length	N	4	8	1	1	Must be greater than 1000
IDC	M	14.002	Image Designation Character	N	1	5	1	1	
IMP	M	14.003	Impression Type	N	1	2	1	1	Value is the appropriate impression code from Table A-3: Impression Types (0, 1, 2, or 3).
SRC	M	14.004	Source Agency Identifier	AN	7	7	1	1	ORI of the agency that captured the fingerprint image.
TCD	M	14.005	Capture Date	D	8	8	1	1	Date the fingerprint image was captured.
HLL	M	14.006	Horizontal Line Length	N	3	5	1	1	Refer to Table A-2: Finger/Palm Box Sizes.
VLL	M	14.007	Vertical Line Length	N	3	5	1	1	Refer to Table A-2: Finger/Palm Box Sizes.
SLC	M	14.008	Scale Units	N	1	1	1	1	This tag is used to describe the image sampling frequency (pixel density). Valid Values are 1 or 2. • "1" indicates pixels per inch • "2" indicates per centimeter
HPS	M	14.009	Horizontal Pixel Scale	N	1	5	1	1	Contributors must round to the nearest whole number.
VPS	M	14.010	Vertical Pixel Scale	N	1	5	1	1	Contributors must round to the nearest whole number.
CGA	M	14.011	Compression Algorithm	AN	3	7	1	1	This tag shall specify the compression algorithm used. Valid values are WSQ and WSQ20.
BPX	M	14.012	Bits Per Pixel	N	1	3	1	1	An entry of 8 is required for normal grayscale values of 0 – 255.
FGP	M	14.013	Finger Number Code	N	2	2	1	1	For an ID Flat image valid values are 13 to 15. For a Biometric Consent Image valid values are 01 to 10.
SEG	O, C	14.021	Finger Segment Position				0	4	This tag become mandatory when Image Type Contained (IMTC tag 14.200) is equal to 2 (ID Flats).
	M		• Finger Number	N	1	2	1	1	Valid values are 01 to 10.
	M		• Left	N	1	4	1	1	
	M		• Right	N	1	4	1	1	

Identifier	Condition	Tag Number	Tag Name	Char Type	Min Size	Max Size	Min Occurrence	Max Occurrence	Notes
	M		• Top	N	1	4	1	1	
	M		• Bottom	N	1	4	1	1	
IQM	M	14.022	Image Quality Metric				1	4	
	M		• Finger Number	N	2	2	1	1	Valid values are 01 to 15.
	M		• Quality Score	N	1	3	1	1	
IMTC	M	14.200	Image Type Contained	N	1	1	1	1	Used to specify the type of image contained in the record. Valid values are found in Table 4-38: Image Type Codes.
DAT	M	14.999	Image Data	B	2	*	1	1	

Table 5-14: Type-14 Logical Record

Note: When "*" is shown in Max Size, it means that the limit is undefined.

5.15 Type-15 Logical Record: Palm Print Image Record

Table 5-15: Type-15 Logical Record

Identifier	Condition	Tag Number	Tag Name	Char Type	Min Size	Max Size	Min Occurrence	Max Occurrence	Notes
LEN	M	15.001	Logical Record Length	N	4	8	1	1	
IDC	M	15.002	Image Designation Character	N	1	5	1	1	
IMP	M	15.003	Impression Type	N	1	2	1	1	Valid values are 10 or 11 from Table A-3: Impression Types.
SRC	M	15.004	Source Agency	AN	7	7	1	1	ORI of the agency that captured the palm image.
PCD	M	15.005	Palm print Capture Date	D	8	8	1	1	Date that the palm image was captured.
HLL	M	15.006	Horizontal Line Length	N	3	5	1	1	Refer to Table A-2: Finger/Palm Box Sizes.
VLL	M	15.007	Vertical Line Length	N	3	5	1	1	Refer to Table A-2: Finger/Palm Box Sizes.
SLC	M	15.008	Scale Units	N	1	1	1	1	This tag is used to describe the image sampling frequency (pixel density). Valid values are 1 or 2. • "1" indicates pixels per inch • "2" indicates pixels per centimeter
HPS	M	15.009	Horizontal Pixel Scale	N	1	5	1	1	Contributors must round to the nearest whole number.
VPS	M	15.010	Vertical Pixel Scale	N	1	5	1	1	Contributors must round to the nearest whole number.
CGA	M	15.011	Compression Algorithm	AN	3	7	1	1	This tag shall specify the compression algorithm used. Valid values are WSQ and WSQ20.
BPX	M	15.012	Bits Per Pixel	N	1	3	1	1	An entry of 8 is required for normal grayscale values of 0 – 255.
PLP	M	15.013	Palm print Position	N	2	3	1	1	Valid values are 21 to 28 from Table A-1: Finger/Palm Codes
CMT	O	15.020	Comment	ANS	1	1000	0	1	Any RCMP special character + CR & LF
DAT	M	15.999	Image Data	B	2	*	1	1	

Note: When "*" is shown in Max Size, it means that the limit is undefined.

5.16 Type-16 Logical Record: Document Image

Table 5-16: Type-16 Logical Record

Identifier	Condition	Tag Number	Tag Name	Char Type	Min Size	Max Size	Min Occurrence	Max Occurrence	Notes
LEN	M	16.001	Logical Record Length	N	4	8	1	1	The standard ANSI/NIST definition applies.
IDC	M	16.002	Image Designation Character	N	1	5	1	1	The standard ANSI/NIST definition applies.
UDI	O	16.003	User Defined Image Type	ANS	1	35	0	1	No tag value to be encoded for this ICD revision.
SRC	O	16.004	Source Agency Identifier	AN	7	7	0	1	No tag value to be encoded for this ICD revision.
UTD	O	16.005	User Defined Date	D	8	8	0	1	Set to the date on which the page image is scanned.
HLL	M	16.006	Horizontal Line Length	N	2	5	1	1	The standard ANSI/NIST definition applies.
VLL	M	16.007	Vertical Line Length	N	2	5	1	1	The standard ANSI/NIST definition applies.
SLC	M	16.008	Scale Units	N	1	1	1	1	When measured in Pixels per Inch, set to 1. When measured in Pixels per Centimetre, set to 2.
HPS	M	16.009	Horizontal Pixel Scale	N	1	5	1	1	The standard ANSI/NIST definition applies. Round to the nearest whole number.
VPS	M	16.010	Vertical Pixel Scale	N	1	5	1	1	The standard ANSI/NIST definition applies. Round to the nearest whole number.
CGA	M	16.011	Compression Algorithm	AN	3	7	1	1	Permissible value is: PNG
BPX	M	16.012	Bits Per Pixel	N	1	3	1	1	Must be set to 8.
PGN	M	16.013	Page Number	N	1	3	1	1	This is an RCMP-defined tag that encodes the page number within the paper transaction.
DTP	M	16.015	Document Type Code	N	1	2	1	1	This is an RCMP-defined tag that encodes the kind of document page appearing in the scanned image. All document type codes and descriptions appear in Appendix A of this specification.
CMT	O	16.016	Comment	ANS	1	1000	0	1	This RCMP-defined tag permits the Cardscan operator to capture a free text comment. Additional special characters Carriage Return and Line Feed are permitted.
DOCID	O	16.017	Document Identifier	N	20	20	0	1	No tag value to be encoded for this ICD revision.
ACTL	O	16.018	Activity Log				0	50	No tag value to be encoded for this ICD revision.

Table 5-16: Type-16 Logical Record

Identifier	Condi tion	Tag Number	Tag Name	Char Type	Min Size	Max Size	Min Occurr ence	Max Occurr ence	Notes
	M		HRMIS Operator Identifier	N	9	9	1	1	
	M		Activity Type Code	N	1	2	1	1	
	M		Date/Time Start	T	18	18	1	1	
	M		Date/Time End	T	18	18	1	1	
	M		Workstation/Device ID	AN	1	12	1	1	
SEG	O	16.019	Image Position				0	14	
	M		Finger/Palm Position	N	1	2	1	1	One of the Finger or Palm Codes specified in Codes of Appendix A.
	M		Centre x	N	1	4	1	1	The horizontal centre point of the finger or palm image identified by Finger/Palm Position, measured in pixels from the upper left corner of the scanned page image (having x=0). Centre x and Centre y combined provide the two-dimensional coordinates required to locate mid-point of the finger/palm image within the page image.
	M		Centre y	N	1	4	1	1	The vertical centre point of the finger or palm image identified by Finger/Palm Position, measured in pixels from the upper left corner of the scanned page image (having y=0). Centre x and Centre y combined provide the two-dimensional coordinates required to locate mid-point of the finger/palm image within the page image.
	M		Rotation	N	1	3	1	1	Shall be set to zero (0) – no rotation applicable.
	M		Width	N	1	5	1	1	The width of the finger/palm image, measured in pixels. The finger/palm image extends horizontally from the mid-point (Centre x) in each direction for one half of the Width value.
	M		Height	N	1	5	1	1	The height of the finger/palm image, measured in pixels. The finger/palm image extends vertically from the mid-point (Centre y) in each direction for one half of the Height value.
CDIM	M	16.020	Card Dimensions				1	1	This RCMP-defined tag describes the width and height of the scanned page, measured in pixels.
	M		Card Width	N	1	5	1	1	Expressed in pixels. E.g., An 8.5 inch page width scanned at 300ppi shall be encoded as 2550.
	M		Card Height	N	1	5	1	1	Expressed in pixels. E.g., A 14 inch page length scanned at 500ppi shall be encoded as 7000.

Table 5-16: Type-16 Logical Record

Identifier	Condi tion	Tag Number	Tag Name	Char Type	Min Size	Max Size	Min Occurr ence	Max Occurr ence	Notes
	M		Card Resolution	N	1	4	1	1	The scanner resolution measured in pixels per inch. Permissible values are 500 and 300.
DS	M	16.021	Document Side	N	1	1	1	1	This RCMP-defined tag indicates the side of a page to which the image pertains. Valid values are: 1 – Front Side 2 – Back Side
DAT	M	16.999	Image Data	B	2	*	1	1	The standard ANSI/NIST definition applies.

Note: When "*" is shown in Max Size, it means that the limit is undefined.

APPENDIX A: TABLES

A.1   Finger/Palm Codes

Table A-1: Finger/Palm Codes

Code	English Description	French Description
01	Right Thumb	Pouce Droit
02	Right Index	Index Droit
03	Right Middle	Majeur Droit
04	Right Ring	Annulaire Droit
05	Right Little	Auriculaire Droit
06	Left Thumb	Pouce Gauche
07	Left Index	Index Gauche
08	Left Middle	Majeur Gauche
09	Left Ring	Annulaire Gauche
10	Left Little	Auriculaire Gauche
11	Plain Right Thumb	Pouce Droit Non-Roulé
12	Plain Left Thumb	Pouce Gauche Non-Roulé
13	Plain Right Four Fingers	Impression Simultanée Des Quatre Doigts Droit
14	Plain Left Four Fingers	Impression Simultanée Des Quatre Doigts Gauche
15	Plain Left And Right Thumbs	Pouces Gauche Et Droit Non Roules
21	Right Full Palm	Paume Droite Complète
22	Right Writer's Palm	Paume Droit – Hypothénar
23	Left Full Palm	Paume Gauche Complète
24	Left Writer's Palm	Paume Gauche – Hypothénar
25	Right Lower Palm	Paume Droite – Partie Inférieure
26	Right Upper Palm	Paume Droite – Partie Supérieure
27	Left Lower Palm	Paume Gauche – Partie Inférieure
28	Left Upper Palm	Paume Gauche – Partie Supérieure
29	Right Palm – Other	Paume Droite – Autre Partie
30	Left Palm – Other	Paume Gauche – Autre Partie

A.2   Allowable Box Sizes for Finger/Palm Images

Table A-2: Finger/Palm Box Sizes

Finger/Palm Print	Impression Type Code (refer to Table A-3: Impression Types)	Finger/Palm Code (refer to Table A-1: Finger/Palm Codes)	Horizontal Line Length (HLL) Pixels	Width (inches)	Vertical Line Length (VLL) Pixels	Height (inches)
Rolled Finger Impression (Type-4 Record)	1 or 3	01 – 10	800	1.6	750	1.5
Plain Finger Impression (Type-14 Record)	0 or 2	01 – 10	500	1.0	1000	2.0
Single Plain Thumb Impression (Type-4 Record)	0 or 2	11 – 12	500	1.0	1000	2.0
Four Finger Plain Impression (Type-4 Record)	0 or 2	13 – 14	1600	3.2	1000	2.0
Four Finger Plain Impression (Type-14 Record)	0 or 2	13 – 14	1600	3.2	1500	3.0
Two Plain Thumb Impression (Type-14 Record)	0 or 2	15	1600	3.2	1500	3.0
Full Palm Impression (Type-15 Record)	10 or 11	21, 23	2750	5.5	4000	8.0
Writer's Palm Impression (Type-15 Record)	10 or 11	22, 24	900	1.8	2500	5.0
Upper or Lower Palm Impression (Type-15 Record)	10 or 11	25, 26, 27, 28	2750	5.5	2750	5.5

Notes:

- For Tenprint transactions, all finger and palm impressions must be transmitted at 500ppi.

- Livescan box sizes should conform to the width and height specifications stated in the table above.

- Cardscan box sizes shall default to the width and height specifications stated in the table above but should be allowed to shrink to permit the removal adjacent fingerprints or extraneous lines.

A.3   Impression Type Codes

Table A-3: Impression Types				
Code	**English Description**	**French Description**	**FINGER**	**PALM**
0	Livescan Plain	Trace plaquée à sec	Y	
1	Livescan Rolled	Trace roulée à sec	Y	
2	Non-Livescan Plain	Trace plaquée encrée	Y	
3	Non-Livescan Rolled	Trace roulée encrée	Y	
10	Livescan Palm	Paume à sec		Y
11	Non-Livescan Palm	Paume encrée		Y

Notes:

- LIVESCAN PLAIN (0), LIVESCAN ROLLED (1) or LIVESCAN PALM (10) impression types can only be used for Livescan transactions.

- NON-LIVESCAN PLAIN (2) or NON-LIVESCAN ROLLED (3) or NON-LIVESCAN PALM (11) impression types can only be used with Cardscan transactions.

A.4   Canadian Province Codes

Table A-4: Province Codes				
Numeric Code	**English Description**	**French Description**	**RCMP ORI Alpha Code**	**Canada Post Alpha Code**
01	Newfoundland And Labrador	Terre-Neuve-et-Labrador	NF	NL
02	Prince Edward Island	Île-Du-Prince-Édouard	PE	PE
03	Nova Scotia	Nouvelle-Écosse	NS	NS
04	New Brunswick	Nouveau-Brunswick	NK	NB
05	Quebec	Québec	PQ	QC
06	Ontario	Ontario	ON	ON
07	Manitoba	Manitoba	MB	MB
08	Saskatchewan	Saskatchewan	SN	SK
09	Alberta	Alberta	AB	AB
10	British Columbia	Colombie-Britannique	BC	BC
11	North West Territories	Territoires Du Nord-Ouest	NT	NT
12	Yukon	Yukon	YT	YT
13	Nunavut	Nunavut	NU	NU

Notes:

1. The "RCMP ORI Alpha Code" is used as the prefix to represent the province where the agency resides when an agency's RTID Agency Identifier (ORI) is used in the Originating Agency Identifier (tag 1.008) or Destination Agency Identifier (tag 1.007). The "Numeric Code" is used to replace the "RCMP ORI Alpha Code" when an agency's RTID Agency Identifier (ORI) is used in the Transaction Control Number (TCN tag 1.009), or embedded in the Document Control Number (DCN tag 2.800).

2.   The "Numeric Code" is also used in the Province/State Code sub-tag in the Home Address field (tag 2.802), or in the Province/State Code sub-tag in the Return Mailing Address (tag 2.8903).

3. Whenever an address within Canada is printed on an output form or other product, RTID relies on the Canada Post coding convention for mailing purposes. Encoding differences can be observed in the above table specifically for Newfoundland and Labrador, New Brunswick, Quebec and Saskatchewan. The RTID System performs the necessary conversions in order to print the Canada Post mailing code for each province/territory.

A.5   US State Codes

All Codes may be used unless otherwise specified in the tag definition.

Table A-5: State Codes			
Code	**English Description**	**French Description**	**US States to search**
20	Alabama	Alabama	Yes
21	Alaska	Alaska	Yes
22	Arizona	Arizona	Yes
23	Arkansas	Arkansas	Yes
24	California	Californie	Yes
25	Colorado	Colorado	Yes
26	Connecticut	Connecticut	Yes
27	Delaware	Delaware	Yes
28	DC	DC	Yes
29	Florida	Floride	Yes
30	Georgia	Géorgie	Yes
31	Hawaii	Hawaï	Yes
32	Idaho	Idaho	Yes
33	Illinois	Illinois	Yes
34	Indiana	Indiana	Yes
35	Iowa	Iowa	Yes
36	Kansas	Kansas	Yes
37	Kentucky	Kentucky	Yes
38	Louisiana	Louisiane	Yes
39	Maine	Maine	Yes
40	Maryland	Maryland	Yes
41	Massachusetts	Massachusetts	Yes
42	Michigan	Michigan	Yes
43	Minnesota	Minnesota	Yes
44	Mississippi	Mississippi	Yes
45	Missouri	Missouri	Yes
46	Montana	Montana	Yes
47	Nebraska	Nebraska	Yes
48	Nevada	Nevada	Yes
49	New Hampshire	New Hampshire	Yes
50	New Jersey	New Jersey	Yes
51	New Mexico	Nouveau-Mexique	Yes
52	New York	New York	Yes
53	North Carolina	Caroline Du Nord	Yes
54	North Dakota	Dakota Du Nord	Yes
55	Ohio	Ohio	Yes
56	Oklahoma	Oklahoma	Yes
57	Oregon	Oregon	Yes

Table A-5: State Codes

Code	English Description	French Description	US States to search
59	Pennsylvania	Pennsylvanie	Yes
60	Puerto Rico	Porto Rico	Yes
61	Rhode Island	Rhode Island	Yes
62	South Carolina	Caroline Du Sud	Yes
63	South Dakota	Dakota Du Sud	Yes
64	Tennessee	Tennessee	Yes
65	Texas	Texas	Yes
66	Utah	Utah	Yes
67	Vermont	Vermont	Yes
68	Virginia	Virginie	Yes
69	Washington	Washington	Yes
70	West Virginia	Virginie Occidentale	Yes
71	Wisconsin	Wisconsin	Yes
72	Wyoming	Wyoming	Yes
73	Virgin Islands (US)	Iles Vierges (É.U.)	Yes

A.6   Country Codes

All Country Codes may be used unless otherwise specified in the tag definition.

Table A-6: Country Codes			
Code	**English Description**	**French Description**	**International Search Allowed**
004	Afghanistan	Afghanistan	Yes
008	Albania	Albanie	Yes
010	Antarctica	Antarctique	
012	Algeria	Algérie	Yes
016	American Samoa	Samoas Américaines	Yes
020	Andorra	Andorre	Yes
024	Angola	Angola	Yes
028	Antigua And Barbuda	Antigua-Et-Barbuda	Yes
031	Azerbaijan	Azerbaidjan	Yes
032	Argentina	Argentine	Yes
036	Australia	Australie	Yes
040	Austria	Autriche	Yes
044	Bahamas	Bahamas	Yes
048	Bahrain	Bahrein	Yes
050	Bangladesh	Bangladesh	Yes
051	Armenia	Arménie	Yes
052	Barbados	Barbade	Yes
056	Belgium	Belgique	Yes
060	Bermuda	Bermudes	Yes
064	Bhutan	Bhoutan	Yes
068	Bolivia	Bolivie	Yes
070	Bosnia-Herzegovina	Bosnie-Herzégovine	Yes
072	Botswana	Botswana	Yes
074	Bouvet Island	Bouvet, Île	
076	Brazil	Brésil	Yes
084	Belize	Belize	Yes
086	British Indian Ocean Territory	Territoire Britannique de l'Océan Indien,	
090	Solomon Islands	Iles Salomon	
092	British Virgin Islands	Îles Vierges Britanniques	Yes
096	Brunei Darussalam	Brunei Darussalam	Yes
100	Bulgaria	Bulgarie	Yes
104	Myanmar	Myanmar	Yes
108	Burundi	Burundi	Yes
112	Belarus	Belarus	Yes
116	Cambodia	Cambodge	Yes
120	Cameroon	Cameroun	Yes
124	Canada	Canada	

Table A-6: Country Codes			
Code	**English Description**	**French Description**	**International Search Allowed**
132	Cape Verde	Cap-Vert	Yes
136	Cayman Islands	Îles Caimans	Yes
140	Central African Republic	République Centrafricaine	Yes
144	Sri Lanka	Sri Lanka	Yes
148	Chad	Tchad	Yes
152	Chile	Chili	Yes
156	China	Chine	Yes
158	Taiwan	Taiwan	
162	Christmas Island	Île Christmas	
166	Cocos (Keeling) Islands	Îles Cocos (Keeling)	
170	Colombia	Colombie	Yes
174	Comoros	Comores	Yes
175	Mayotte	Mayotte	
178	Congo	Congo	Yes
180	Democratic Republic Of The Congo	République Démocratique Du Congo	Yes
184	Cook Islands	Îles Cook	Yes
188	Costa Rica	Costa Rica	Yes
191	Croatia	Croatie	Yes
192	Cuba	Cuba	Yes
196	Cyprus	Chypre	Yes
203	Czech Republic	République Tchèque	Yes
204	Benin	Bénin	Yes
208	Denmark	Danemark	Yes
212	Dominica	Dominique	Yes
214	Dominican Republic	République Dominicaine	Yes
218	Ecuador	Équateur	Yes
222	El Salvador	El Salvador	Yes
226	Equatorial Guinea	Guinée Équatoriale	Yes
231	Ethiopia	Éthiopie	Yes
232	Eritrea	Érythrée	Yes
233	Estonia	Estonie	Yes
234	Faeroe Islands	Îles Féroé	
238	Falkland Islands (Malvinas)	Îles Falkland (Malvinas)	
242	Fiji	Fidji	Yes
246	Finland	Finlande	Yes
248	Aland Islands	îles d'Åland	
250	France	France	Yes
254	French Guiana	Guyane Française	
258	French Polynesia	Polynésie Française	
260	French Southern Territory	Terres Australes Françaises	
262	Djibouti	Djibouti	Yes
266	Gabon	Gabon	Yes
268	Georgia	Géorgie	Yes

Table A-6: Country Codes

Code	English Description	French Description	International Search Allowed
270	Gambia	Gambie	Yes
275	Occupied Palestinian Territory	Territoire Palestinien Occupé	
276	Germany	Allemagne	Yes
288	Ghana	Ghana	Yes
292	Gibraltar	Gibraltar	Yes
296	Kiribati	Kiribati	Yes
300	Greece	Grèce	Yes
304	Greenland	Groenland	
308	Grenada	Grenade	Yes
312	Guadeloupe	Guadeloupe	Yes
316	Guam	Guam	
320	Guatemala	Guatemala	Yes
324	Guinea	Guinée	Yes
328	Guyana	Guyana	Yes
332	Haiti	Haïti	Yes
334	Heard And Mcdonald Islands	Îles Heard Et Mcdonald	
336	Holy See	Saint-Siège	
340	Honduras	Honduras	Yes
344	Hong Kong	Hong Kong	Yes
348	Hungary	Hongrie	Yes
352	Iceland	Islande	Yes
356	India	Inde	Yes
360	Indonesia	Indonésie	Yes
364	Iran	Iran	Yes
368	Iraq	Iraq	Yes
372	Ireland	Irlande	Yes
376	Israel	Israël	Yes
380	Italy	Italie	Yes
384	Ivory Coast	Cote D'ivoire	Yes
388	Jamaica	Jamaïque	Yes
392	Japan	Japon	Yes
398	Kazakhstan	Kazakhstan	Yes
400	Jordan	Jordanie	Yes
404	Kenya	Kenya	Yes
408	Democratic People's Republic Of Korea	République Populaire Démocratique De Corée	
410	Republic Of Korea	République De Corée	Yes
414	Kuwait	Koweït	Yes
417	Kyrgyzstan	Kirghizistan	Yes
418	Lao People's Democratic Republic	République Démocratique Populaire Lao	Yes
422	Lebanon	Liban	Yes
426	Lesotho	Lesotho	Yes
428	Latvia	Lettonie	Yes

Table A-6: Country Codes			
Code	English Description	French Description	International Search Allowed
430	Liberia	Libéria	Yes
434	Libyan Arab Jamahiriya	Jamahiriya Arabe Libyenne	Yes
438	Liechtenstein	Liechtenstein	Yes
440	Lithuania	Lituanie	Yes
442	Luxembourg	Luxembourg	Yes
446	Macao	Macao	
450	Madagascar	Madagascar	Yes
454	Malawi	Malawi	Yes
458	Malaysia	Malaisie	Yes
462	Maldives	Maldives	Yes
466	Mali	Mali	Yes
470	Malta	Malte	Yes
474	Martinique	Martinique	
478	Mauritania	Mauritanie	Yes
480	Mauritius	Maurice	Yes
484	Mexico	Mexique	Yes
492	Monaco	Monaco	Yes
496	Mongolia	Mongolie	Yes
498	Republic Of Moldova	République De Moldova	Yes
499	Montenegro	Monténégro	Yes
500	Montserrat	Montserrat Amériques	Yes
504	Morocco	Maroc	Yes
508	Mozambique	Mozambique	Yes
512	Oman	Oman	Yes
516	Namibia	Namibie	Yes
520	Nauru	Nauru	Yes
524	Nepal	Népal	Yes
528	Netherlands	Pays-Bas	Yes
530	Netherlands Antilles	Antilles Néerlandaises	Yes
533	Aruba	Aruba	Yes
540	New Caledonia	Nouvelle-Calédonie	
548	Vanuatu	Vanuatu	
554	New Zealand	Nouvelle-Zélande	Yes
558	Nicaragua	Nicaragua	Yes
562	Niger	Niger	Yes
566	Nigeria	Nigéria	Yes
570	Niue	Niue	
574	Norfolk Island	Île Norfolk	
578	Norway	Norvège	Yes
580	Northern Mariana Islands	Îles Mariannes Septentrionales	
583	Micronesia	Micronésie	
584	Marshall Islands	Îles Marshall	Yes
585	Palau	Palaos	

Table A-6: Country Codes

Code	English Description	French Description	International Search Allowed
586	Pakistan	Pakistan	Yes
591	Panama	Panama	Yes
598	Papua New Guinea	Papouasie-Nouvelle-Guinée	Yes
600	Paraguay	Paraguay	Yes
604	Peru	Pérou	Yes
608	Philippines	Philippines	Yes
612	Pitcairn	Pitcairn	
616	Poland	Pologne	Yes
620	Portugal	Portugal	Yes
624	Guinea-Bissau	Guinée-Bissau	Yes
626	Timor-Leste	Timor-Leste	Yes
630	Puerto Rico	Porto Rico	Yes
634	Qatar	Qatar	Yes
638	Reunion	Réunion	
642	Romania	Roumanie	Yes
643	Russian Federation	Fédération De Russie	Yes
646	Rwanda	Rwanda	Yes
654	Saint Helena	Sainte-Hélène	
659	Saint Kitts And Nevis	Saint-Kitts-Et-Nevis	Yes
660	Anguilla	Anguilla	Yes
662	Saint Lucia	Sainte-Lucie	Yes
666	Saint Pierre And Miquelon	Saint-Pierre-Et-Miquelon	
670	Saint Vincent And The Grenadines	Saint-Vincent-Et-Les Grenadines	Yes
674	San Marino	Saint-Marin	Yes
678	Sao Tome And Principe	Sao Tome-Et-Principe	Yes
682	Saudi Arabia	Arabie Saoudite	Yes
686	Senegal	Sénégal	Yes
688	Serbia	Serbie	Yes
690	Seychelles	Seychelles	Yes
694	Sierra Leone	Sierra Leone	Yes
702	Singapore	Singapour	Yes
703	Slovakia	Slovaquie	Yes
704	Viet Nam	Viet Nam	Yes
705	Slovenia	Slovénie	Yes
706	Somalia	Somalie	Yes
710	South Africa	Afrique Du Sud	Yes
716	Zimbabwe	Zimbabwe	Yes
724	Spain	Espagne	Yes
728	South Sudan	Soudan Du Sud	Yes
729	Sudan	Soudan	Yes
732	Western Sahara	Sahara Occidental	Yes
740	Suriname	Suriname	Yes
744	Svalbard And Jan Mayen Islands	Îles Svalbard Et Jan Mayen	

Table A-6: Country Codes

Code	English Description	French Description	International Search Allowed
748	Swaziland	Swaziland	Yes
752	Sweden	Suède	Yes
756	Switzerland	Suisse	Yes
760	Syrian Arab Republic	République Arabe Syrienne	Yes
762	Tajikistan	Tadjikistan	Yes
764	Thailand	Thaïlande	Yes
768	Togo	Togo	Yes
772	Tokelau	Tokelau	
776	Tonga	Tonga	Yes
780	Trinidad And Tobago	Trinité-Et-Tobago	Yes
784	United Arab Emirates	Émirats Arabes Unis	Yes
788	Tunisia	Tunisie	Yes
792	Turkey	Turquie	Yes
795	Turkmenistan	Turkménistan	Yes
796	Turks And Caicos Islands	Îles Turques Et Caïques	Yes
798	Tuvalu	Tuvalu	
800	Uganda	Ouganda	Yes
804	Ukraine	Ukraine	Yes
807	Macedonia	Macédoine	Yes
818	Egypt	Égypte	Yes
826	United Kingdom	Royaume-Uni	Yes
830	Channel Islands	Îles Anglo-Normandes	
831	Guernsey	Guernesey	
832	Jersey	Jersey	
833	Isle Of Man	Île De Man	
834	United Republic Of Tanzania	République-Unie De Tanzanie	Yes
840	United States Of America	États-Unis d'Amérique	Yes
850	United States Virgin Islands	Îles Vierges Américaines	
854	Burkina Faso	Burkina Faso	Yes
858	Uruguay	Uruguay	Yes
860	Uzbekistan	Ouzbékistan	Yes
862	Venezuela	Venezuela	Yes
876	Wallis And Futuna Islands	Îles Wallis Et Futuna	
882	Samoa	Samoa	Yes
887	Yemen	Yémen	Yes
894	Zambia	Zambie	Yes
998	Other	Autre	
999	Unknown	Inconnu	

Notes

1. If the "International Search Allowed" column contains a "Yes" then a contributor is allowed to request an International Search of this country (tag 2.892).

2. Code 998 (Other) should be used if there is a country that does not have an associated code. If code 998 is used, the Country Name must be captured in the sub-field "Country" by the Text Operator.

A.7   Federal Statutes Table Export File Specifications

A.7.1   INTRODUCTION

Whenever possible all external agencies authorized by the RCMP to submit retainable electronic Criminal Tenprint CAR-Y transactions shall make reference to standard charge information provided in the RTID Federal Statutes Table when reporting charges laid in court against an individual.

When changes to legislation occur, the RCMP publishes an updated set of charges to external agencies which encompasses recent legislative provisions coming into force or repealed from commonly referenced federal statutes such as the Criminal Code of Canada.

This document section provides a specification for the file format prepared by the RCMP and distributed electronically to CAR-Y contributors.

A.7.2   VERSION NUMBER REVISION

Each published revision of the Federal Statutes Table is associated with a three-digit version number which serves to uniquely identify a particular release of the charge data. The version number used in the CAR-Y transaction must be entered in the mandatory field Federal Statutes Table Version Number (tag 2.831).

It is important that contributors update their systems and devices with the latest version of the Federal Statutes Table. Whenever a new version of the Federal Statutes Table is published the RCMP may expire an older version of the table. This means that a CAR-Y transaction may be rejected if it references an expired version of the Federal Statutes Table.

A.7.3   EXPORT FILE FORMAT

The RCMP publishes the Federal Statutes Table as ASCII data formatted as a CSV file. Along with the CSV file, the RCMP also publishes an accompanying Release Notes document as a PDF file which describes the changes contained in the new version of the Federal Statutes Table.

The CSV data-formatting conventions incorporated into the Charge export file are supported by most desktop office suites; the file can be viewed and filtered using Microsoft Excel or comparable software product.

Each record within the export file contains twenty-nine (29) positional fields describing one Charge occurrence. Each field value is wrapped front and back with Quote (") characters (ASCII "22" hexadecimal). A field having no value is shown as two consecutive Quotes (""). Adjacent fields are separated by single Comma (,) characters (ASCII "2C" hexadecimal).

Table A-7: CSV-Formatted Charge Data below provides information about each data field populated within the CSV-formatted record.

Table A-7: CSV-Formatted Charge Data					
Field Number	**Field NAME**	**Data Type**	**Min Length**	**Max Length**	**Description**
1	Charge Identifier	N	1	7	A system-assigned number uniquely identifying a charge occurrence.
2	Statute Code	A	1	1	An alpha code identifying a specific federal statute per the NPS ICD code set.
3	Section Number	ANS	1	30	A Section Number within the statute containing offence and/or punishment provisions. Can contain Brackets "(", ")", Hyphen "-" and/or Decimal Point "." characters.
4	Wording Number	N	1	2	A sequence number which along with Statute Code + Section Number uniquely identify a charge wording.
5	Caution Flag	A	0	1	An alpha code identifying a charge-related caution as per the ICD code set. Refer to Table 4-7: 2.816 – Caution Codes for the list of codes and descriptions. A null value ("") signifies no caution applies.
6	Offence Category Codes	A	1	4	One to four single-character offence category codes as per Table A-8: Federal Statutes Table Field #6 – Offence Category Codes.
7	Trial Method Code	A	1	1	An alpha code identifying the trial method of proceeding as per Table A-9: Federal Statutes Table Field #7 – Trial Method Code.
8	Attempt/Conspiracy Code	A	0	1	An alpha code denoting a Criminal Code provision for an Attempt to commit ("A") or Conspiracy to commit ("C") an offence. Refer to Table A-10: Federal Statutes Table Field #8 – Attempt/Conspiracy Code A null value ("") signifies no Attempt or Conspiracy applies.
9	Wording – Line 1 – English	ANS	1	26	Line 1 of the charge wording expressed in English.
10	Wording – Line 2 – English	ANS	0	26	Line 2 of the charge wording expressed in English.
11	Wording – Line 3 – English	ANS	0	26	Line 3 of the charge wording expressed in English.
12	Wording – Line 4 – English	ANS	0	26	Line 4 of the charge wording expressed in English.
13	Wording – Line 5 – English	ANS	0	26	Line 5 of the charge wording expressed in English.
14	Wording – Line 6 – English	ANS	0	26	Line 6 of the charge wording expressed in English
15	Wording – Line 7 – English	ANS	0	26	Line 7 of the charge wording expressed in English.

Table A-7: CSV-Formatted Charge Data					
Field Number	**Field NAME**	**Data Type**	**Min Length**	**Max Length**	**Description**
16	Wording – Line 1 – French	ANS	1	26	Line 1 of the charge wording expressed in French.
17	Wording – Line 2 – French	ANS	0	26	Line 2 of the charge wording expressed in French.
18	Wording – Line 3 – French	ANS	0	26	Line 3 of the charge wording expressed in French.
19	Wording – Line 4 – French	ANS	0	26	Line 4 of the charge wording expressed in French.
20	Wording – Line 5 – French	ANS	0	26	Line 5 of the charge wording expressed in French.
21	Wording – Line 6 – French	ANS	0	26	Line 6 of the charge wording expressed in French.
22	Wording – Line 7 – French	ANS	0	26	Line 7 of the charge wording expressed in French.
23	Summary Only Code	A	0	1	An alpha code valued as "S" to denote a charge where the trial method of proceeding can only be summary – no indictable variant is available. A null value signifies Summary Only does not apply.
24	Proclamation Date	NS	10	10	The date on which the charge comes into force, formatted as "YYYY-MM-DD".
25	Expiry Date	NS	10	10	The last date on which the charge shall be enforced, currently formatted in timestamp notation "YYYY-MM-DD". All charges currently in force contain an expiry date set in the future, such as 2050-01-01.
26	Create UID	AN	11	11	An identifier assigned by the RCMP that is specific to the person who creates this charge.
27	Create Timestamp	NS	26	26	The date/time when the charge was created by the RCMP. All values are expressed in date/time notation including microseconds "YYYY-MM-DD-hh.mm.ss.nnnnnn".
28	Modify UID	AN	11	11	An identifier assigned by the RCMP that is specific to the person who last modifies this charge.
29	Modify Timestamp	NS	26	26	The date/time when the charge was last modified by the RCMP. All values are expressed in date/time notation including microseconds "YYYY-MM-DD-hh.mm.ss.nnnnnn".
30	Wording – Line 8 – English	ANS	0	26	Line 8 of the charge wording expressed in English.
31	Wording – Line 9 – English	ANS	0	26	Line 9 of the charge wording expressed in English.
32	Wording – Line 10 – English	ANS	0	26	Line 10 of the charge wording expressed in English.
33	Wording – Line 11 – English	ANS	0	26	Line 11 of the charge wording expressed

Table A-7: CSV-Formatted Charge Data

Field Number	Field NAME	Data Type	Min Length	Max Length	Description
					in English.
34	Wording – Line 12 – English	ANS	0	26	Line 12 of the charge wording expressed in English.
35	Wording – Line 13 – English	ANS	0	26	Line 13 of the charge wording expressed in English
36	Wording – Line 14 – English	ANS	0	26	Line 14 of the charge wording expressed in English.
37	Wording – Line 15 – English	ANS	0	26	Line 15 of the charge wording expressed in English.
38	Wording – Line 16 – English	ANS	0	26	Line 16 of the charge wording expressed in English.
39	Wording – Line 17 – English	ANS	0	26	Line 17 of the charge wording expressed in English.
40	Wording – Line 18 – English	ANS	0	26	Line 18 of the charge wording expressed in English.
41	Wording – Line 19 – English	ANS	0	26	Line 19 of the charge wording expressed in English.
42	Wording – Line 20 – English	ANS	0	26	Line 20 of the charge wording expressed in English.
43	Wording – Line 8 – French	ANS	0	26	Line 8 of the charge wording expressed in French.
44	Wording – Line 9 – French	ANS	0	26	Line 9 of the charge wording expressed in French.
45	Wording – Line 10 – French	ANS	0	26	Line 10 of the charge wording expressed in French.
46	Wording – Line 11 – French	ANS	0	26	Line 11 of the charge wording expressed in French.
47	Wording – Line 12 – French	ANS	0	26	Line 12 of the charge wording expressed in French.
48	Wording – Line 13 – French	ANS	0	26	Line 13 of the charge wording expressed in French.
49	Wording – Line 14 – French	ANS	0	26	Line 14 of the charge wording expressed in French.
50	Wording – Line 15 – French	ANS	0	26	Line 15 of the charge wording expressed in French.
51	Wording – Line 16 – French	ANS	0	26	Line 16 of the charge wording expressed in French.
52	Wording – Line 17 – French	ANS	0	26	Line 17 of the charge wording expressed in French.
53	Wording – Line 18 – French	ANS	0	26	Line 18 of the charge wording expressed in French.
54	Wording – Line 19 – French	ANS	0	26	Line 19 of the charge wording expressed in French.
55	Wording – Line 20 – French	ANS	0	26	Line 20 of the charge wording expressed in French.

The following table defines the set of Offence Category Codes currently supported by RTID. Offence Category Codes are posted to the Canadian Police Information Centre (CPIC)

Criminal Record. Multiple codes can appear in combination for any one (1) charge occurrence populated in the table.

Code	English Description	French Description
Table A-8: Federal Statutes Table Field #6 – Offence Category Codes		
Code	**English Description**	**French Description**
A	Theft Auto	Vol d'auto
D	Drugs	Drogues
F	Fail To Appear	Défaut de comparaître
G	Break & Enter	Introduction par effraction
H	Fraud	Fraude
K	Sex	Sexe
L	Driving Offence	Infraction relative à la conduite d'un véhicule
M	Other Criminal Code Offence	Autre infraction Code criminel
N	Foreign Charges	*Accusations à l'étranger*
O	Robbery	Vol qualifié
R	Arson	Incendie criminel
T	Theft	Vol
U	Other Federal Statutes	Autres lois fédérales
V	Violence	Violence
W	Offensive Weapon	Arme offensive

The following table defines the set of codes currently supported by RTID for Trial Method of Proceeding available to the Crown for a particular charge occurrence.

Code	English Description	French Description
Table A-9: Federal Statutes Table Field #7 – Trial Method Code		
Code	**English Description**	**French Description**
A	Administrative Procedure	Administratif
D	Hybrid – Indictable or Summary	Hybride – Mise en accusation ou sommaire
I	Indictable	Mise en accusation
S	Summary	Procédure sommaire

The following table defines the set of Attempt/Conspiracy codes currently supported.

Code	English Description	French Description
Table A-10: Federal Statutes Table Field #8 – Attempt/Conspiracy Code		
Code	**English Description**	**French Description**
A	Attempt (per Section 463 CC)	Tentative (par art 463 CC)
C	Conspiracy (per Section 465 CC)	Complot (par art 465 CC)

A.8 Document Type Codes for the Type-16 Record (Internal Cardscan Only)

Each page of a document that comprises a paper-based Tenprint transaction shall be scanned and encoded as a Type-16 record within the NIST packet produced by the Cardscan device. Every Type-16 record shall be classified according to one of the following Document Type Codes (DTP tag 16.015).

For those pre-established code values which are never referred to by an internal Cardscan device, the applicable table rows are shaded in grey. The columns on the right-hand side of the table indicate whether a particular code is to be user-selectable from a picklist according to Type of Transaction and Cardscan user dialog selected:

- Criminal C-216 CAR-Y, C-216 CAR-N or 3801 CAR-Y types,

- Refugee REF type, or

- Civil clearance MAP type.

Table A-11: Document Type Codes

Document Type Codes				Codes to be selectable by Type of Transaction				
Code	Acronym	English Description	French Description	CAR-Y	CAR-N	3801 CAR-Y	REF	MAP
1	FPC	C-216 Criminal Fingerprint Form	Formulaire d'empreintes digitales d'un criminel C-216	Y	Y			
2	FPV	C-216C Civil Fingerprint Form	Formulaire d'empreintes digitales d'un civil C-216C					Y
3	FPR	C-216R Refugee Fingerprint Form	Formulaire d'empreintes digitales d'un réfugié C-216R				Y	
4	WAI	Third Party Waiver	Renonciation d'un tiers parti					Y
5	VOL	Volunteer Confirmation Letter	Lettre de confirmation volontaire					Y
6	PRV	Info Source Criminal Record Check for Personal Use Personal Information Request Form	Formulaire de requête d'information personnelle de l'acte de vérification de casier judiciaire à usage personnel					Y
7	VSC	Vulnerable Sector Consent Form	Formulaire de consentement de secteur vulnérable					Y

Table A-11: Document Type Codes

Document Type Codes				Codes to be selectable by Type of Transaction				
Code	Acronym	English Description	French Description	CAR-Y	CAR-N	3801 CAR-Y	REF	MAP
8	COR	Correspondence	Correspondance					Y
9	FPD	DNA Form	Formule d'ADN			Y		
10	FPT	C-216T Acetate	Acétate C-216T	Y				
11	FPI	Interpol Circular	Circulaire d'Interpol	Y				
12	FPF	Foreign Fingerprint Form Civil	Formule dactyloscopique étrangère - Civil					Y
13	RIC	4078 Request for Information Check	Demande de vérification de renseignements 4078					
14	FEF	FBI Search Request	Demande de recherche au FBI	Y	Y		Y	Y
15	CSI	Certification Screen Image	Certification image de l'écran					
16	AGR	Agent's Report	Rapport d'agents					
17	CSO	Conditional Sentence Order	Ordre de sentence conditionnelle					
18	DIS	Court Disposition	Disposition du tribunal	Y		Y		
19	CRT	Court Document (transcript)	Document du tribunal (transcription)	Y		Y		
20	CRI	Court Information	Information du tribunal	Y		Y		
21	CHS	Criminal History	Antécédents criminels					
22	PBO	Probation Order	Ordre de probation					
23	PHO	Prohibition Order	Ordre d'interdiction					
24	WAR	Warrant of Committal	Mandat de dépôt					
25	YPD	YP Decision	Décision ADO					
26	FPM	CREMMDES C-216	CREMMDES 216	Y				
27	FSR	Foreign Search Request - Civil	Demande de recherche auprès de pays étrangers - Civil					
28	FBI	FBI Fingerprint Form Civil	Formule dactyloscopique du FBI - Civil					
29	PPL	Palm Page Left	Empreinte palmaire gauche	Y	Y		Y	
30	PPR	Palm Page Right	Empreinte palmaire droite	Y	Y		Y	
31	OP	Overflow Page	Page de débordement	Y				
32	CRO	Court Order	Ordre du tribunal			Y		

Table A-11: Document Type Codes

Document Type Codes				Codes to be selectable by Type of Transaction				
Code	Acronym	English Description	French Description	CAR-Y	CAR-N	3801 CAR-Y	REF	MAP
33	ENV	Courier Envelope	Enveloppe courrier					
34	FFC	Foreign Fingerprint Form Criminal	Formule dactyloscopique étrangère - Criminel	Y	Y			
35	FBC	FBI Fingerprint Form Criminal	Formule dactyloscopique du FBI - Criminel	Y	Y			
36	FST	FAST Fingerprint Form	Formule dactyloscopique - FAST					Y
37	FSO	Foreign Search Request - Other	Demande de recherche auprès de pays étrangers - autre					
38	FTR	C-216I Immigration Fingerprint Form	Formulaire d'empreintes digitales d'Immigration – C-216I					
39	ATS	Anonymous TP Search Request	Recherche d'empreintes décadactylaires anonyme					
40	EFN	C-216E or C-216C Employee Enrolment Form	Formule de demande d'enrôlement – employé (C-216E ou C-216C)					
41	FSG	Foreign Search Request - General	Demande de recherche auprès de pays étrangers - générale	Y	Y		Y	Y
90	OTR	Other	Autre	Y	Y	Y	Y	Y

APPENDIX B: SUMMARY TAG LIST FOR TRANSACTIONS TO AND FROM THE RCMP

Table B-1: Summary Tag List for Transactions To and From the RCMP											
Tag Number	**Tag Id**	**Transactions to the RCMP**					**Transactions From the RCMP**				
		CAR-Y	**CAR-N**	**MAP**	**REF**	**IRQ**	**SRE**	**IRR**	**ERRT**	**ERRI**	**ACKT**
2.001	LEN	M	M	M	M	M	M	M	M	M	M
2.002	IDC	M	M	M	M	M	M	M	M	M	M
2.067	IMA	M	M	M	M						
2.800	DCN	M	M	M	M		M		M		M
2.801	FPS	O	O	O							
2.802	ADR	M	O	O, C	M						
2.803	*OCC*	*Deprecated tag*									
2.804	IRN	O	O	O							
2.806	NAME	M	M	M	M						
2.807	SEX	M	M	M	M						
2.808	HAI	O, C	O, C	O, C	M						
2.809	EYE	O, C	O, C	O, C	M						
2.810	HGT	M	O, C	O, C	M						
2.811	WGT	M	O, C	O, C	M						
2.814	RACE	C	O, C		C						
2.815	POB	M	O, C		O, C						
2.816	FLG	O									
2.817	CTR	*Deprecated tag*	*Deprecated tag*	C	*Deprecated tag*		O				
2.818	YPF	C									
2.819	LGF	M	M	M	M	M					
2.822	*CPX*	*Deprecated tag*									
2.823	MKS	O	O		O						
2.824	OTN	O	O	O, C	O						
2.826	NTS	O									
2.827	NMG		O	O	O		O	O	O		

Table B-1: Summary Tag List for Transactions To and From the RCMP

Tag Number	Tag Id	Transactions to the RCMP					Transactions From the RCMP				
		CAR-Y	CAR-N	MAP	REF	IRQ	SRE	IRR	ERRT	ERRI	ACKT
2.829	CHG	M									
2.831	CGV	M									
2.832	ITR						M	M			
2.833	LOR			C							
2.835	APR			O							
2.838	PYT			C							
2.849	BBID			C							
2.850	ATS			C			O				
2.851	DCR					O		O			
2.865	CFN			O, C							
2.866	PDM			C							
2.867	CREA			C							
2.869	APT			M			O				
2.870	VAO			C							
2.871	VCL			C							
2.872	TPW			C							
2.873	DIS			C							
2.874	SFBI	O	O	O	O						
2.875	RRES						M		O		
2.876	USS	C	C		C						
2.883	COB	M	*Legacy*		M						
2.884	POE	C	*Legacy*		M						
2.885	DOE	C	*Legacy*		M						
2.886	*RID*	*Deprecated tag*									
2.887	CIC	*Legacy*	*Legacy*	O̶	M						
2.888	FOSS	O	O	O	M						
2.889	BCID			C							
2.890	ACSIG			C							
2.891	ISR	O	O	O	O						
2.892	IRP	C	C	C	C						
2.893	FQO	O	O	O	O			O			

Table B-1: Summary Tag List for Transactions To and From the RCMP

Tag Number	Tag Id	Transactions to the RCMP					Transactions From the RCMP				
		CAR-Y	CAR-N	MAP	REF	IRQ	SRE	IRR	ERRT	ERRI	ACKT
2.894	FER	O, C	O, C	O, C	O, C						
2.896	ACS		M								
2.897	SDO	O		O	O						
2.8005	RET	M	M	M	M						
2.8011	*NOK*	*Deprecated tag*									
2.8014	FBI	O	O		O						
2.8021	AAI							O			
2.8022	DOB	M	M	M	M						
2.8038	DPR	M	M	M	M			O			
2.8044	ESD						O				
2.8045	*DOA*	*Deprecated tag*									
2.8046	SID							M			
2.8060	EMSG								M	M	
2.8071	ACN						O	O			
2.8084	MFR	C	C	C	C			O			
2.8106	ICI	O, C	O, C		O, C						
2.8163	RI	O									
2.8164	DPC	O									
2.8212	CDI	O	O	O	O						
2.8220	DNAI	O									
2.8264	SUN	O									
2.8268	DEN	O									
2.8269	DCDT	O									
2.8295	RSTS		O								
2.8302	RTSF		O								
2.8337	OID						C	O			
2.8900	SRS			M							
2.8903	RTA			C							
2.8905	DLVI			O							
2.8908	CNON	O	O	O							
2.8910	NVN	M	M	M	M	M	M	M	M	M	M

Table B-1: Summary Tag List for Transactions To and From the RCMP

Tag Number	Tag Id	Transactions to the RCMP					Transactions From the RCMP				
		CAR-Y	CAR-N	MAP	REF	IRQ	SRE	IRR	ERRT	ERRI	ACKT
2.8911	STV	M	M	M	M	M					
2.8913	CRS						O				
2.8924	FNM				M						
2.8925	MNM				M						
2.8927	CDN	O									
2.8928	NOTD	O									
2.8929	NWTD	O									
2.8931	NFT	M	M	M	M	M					
2.8933	*GNA*	*Deprecated tag*									
2.8934	TEL			O							
2.8935	CTRY	C	*Legacy*		M						
2.8936	RTX	C	C		C						
2.8938	NOTF	M	M	M	M						
2.8939	FPCL	M	M	M	M						
2.8943	EVSI			C			O				
2.8944	VSD			C							
2.8952	CREF						O				
2.8953	IDI						O	C			
2.8973	AFN					M		M			

APPENDIX C: DATA DICTIONARY OF RCMP-DEFINED TAGS

Table C-1: Data Dictionary						
Tag Number	**Identifier**	**Tag Name**	**Pick-List**	**Character Type**	**Min Field Size**	**Max Field Size**
1.001	LEN	Logical Record Length		N	2	3
1.002	VER	ANSI/NIST Version Number		N	4	4
1.003	CNT	File Content				
		• Information Item 1		N	1	2
		• Information Item 2		N	1	5
1.004	TOT	Type of Transaction		A	3	5
1.005	DAT	Date of Submission		D	8	8
1.006	PRY	Priority		N	1	1
1.007	DAI	Destination Agency Identifier		AN	7	7
1.008	OAI	Originating Agency Identifier		AN	7	7
1.009	TCN	Transaction Control Number		N	13	13
1.010	TCR	Transaction Control Reference Number		N	13	13
1.011	NSR	Native Scanning Resolution		NS	5	5
1.012	NTR	Nominal Transmitting Resolution		NS	5	5
1.014	GMT	Greenwich Mean Time		AN	15	15
2.001	LEN	Logical Record Length		N	2	7
2.002	IDC	Image Designation Character		N	1	5
2.067	IMA	Image Capture Equipment				
		System Make		ANS	1	25
		System Model		ANS	1	25
		System Serial Number		ANS	1	50
2.800	DCN	Document Control Number		N	20	20
2.801	FPS	Fingerprint Section Number		AN	1	7
2.802	ADR	Home Address				
		• Apt./Unit # – Street #/Name		ANS	1	50
		• City		ANS	1	35
		• Province / State Code	Y	N	2	2
		• Postal Code / Zip Code		ANS	1	10
		• Country		AS	1	35
		• Country Code	Y	N	3	3
2.803	*OCC*	*Occupation & Employer Name*	*Deprecated tag*			
2.804	IRN	Contributor Individual Reference Number		ANS	1	32
2.806	NAME	Primary Name				
		• Surname		AS	1	24
		• Given Name 1		AS	1	15

Table C-1: Data Dictionary						
Tag Number	**Identifier**	**Tag Name**	**Pick-List**	**Character Type**	**Min Field Size**	**Max Field Size**
		• Given Name 2		AS	1	15
		• Given Name 3		AS	1	15
		• Given Name 4		AS	1	15
2.807	SEX	Sex	Y	A	1	1
2.808	HAI	Hair Colour	Y	N	2	2
2.809	EYE	Eye Colour	Y	A	1	1
2.810	HGT	Height		N	1	3
2.811	WGT	Weight		N	1	3
2.814	RACE	Race Descent	Y	A	1	1
2.815	POB	Place of Birth	Y	A	1	1
2.816	FLG	Caution Flags	Y	A	1	1
2.817	CTR	Response to Agency Identifier		AN	7	7
2.818	YPF	Young Person Flag		A	1	1
2.819	LGF	Language Flag	Y	A	1	1
2.822	*CPX*	*Complexion*	*Deprecated tag*			
2.823	MKS	Marks, Scars, Tattoos				
		• Mark/Scar/Tattoo Code	Y	A	1	1
		• Body Location Code	Y	N	3	3
		• Description		ANS	1	20
2.824	OTN	Other Names/Alias				
		• Surname		AS	1	24
		• Given Name 1		AS	1	15
		• Given Name 2		AS	1	15
		• Given Name 3		AS	1	15
		• Given Name 4		AS	1	15
2.826	NTS	Notepad Message				
		• Date/Time		N	14	14
		• Message Author		ANS	1	50
		• Message		ANS	1	700
2.827	NMG	Narrative Message		ANS	1	1000
2.829	CHG	Charge Information				
		• Charge Number		N	3	3
		• Offence Date		D	8	8
		• Investigating Agency		ANS	1	35
		• Occurrence Number		ANS	1	20
		• Number of Counts		N	3	3
		• Young Person Flag		A	1	1

Tag Number	Identifier	Tag Name	Pick-List	Character Type	Min Field Size	Max Field Size
		• Court Information Number		ANS	1	15
		• Statute of the Charge	Y	AN	1	2
		• Section Number of Charge	Y	ANS	1	30
		• Wording Number	Y	N	1	2
		• Section Number of an Attempt or Conspiracy	Y	ANS	1	38
		• Charge Status Flag		A	1	1
		• Free Form Flag		A	1	1
		• Charge Description 1		ANS	1	26
		• Charge Description 2		ANS	1	26
		• Charge Description 3		ANS	1	26
		• Charge Description 4		ANS	1	26
		• Charge Description 5		ANS	1	26
		• Charge Description 6		ANS	1	26
		• Charge Description 7		ANS	1	26
		• Offence Information Code	Y	A	1	1
		• Victim Age Group Code	Y	A	1	1
		• Victim Sex Code	Y	A	1	1
		• Publication Ban Indicator	Y	N	1	1
		• Charge Description 8		ANS	1	26
		• Charge Description 9		ANS	1	26
		• Charge Description 10		ANS	1	26
		• Charge Description 11		ANS	1	26
		• Charge Description 12		ANS	1	26
		• Charge Description 13		ANS	1	26
		• Charge Description 14		ANS	1	26
		• Charge Description 15		ANS	1	26
		• Charge Description 16		ANS	1	26
		• Charge Description 17		ANS	1	26
		• Charge Description 18		ANS	1	26
		• Charge Description 19		ANS	1	26
		• Charge Description 20		ANS	1	26
2.831	CGV	Federal Statutes Table Version Number		N	3	3
2.832	ITR	Image Type Requested	Y	N	2	2

Table C-1: Data Dictionary

Table C-1: Data Dictionary						
Tag Number	**Identifier**	**Tag Name**	**Pick-List**	**Character Type**	**Min Field Size**	**Max Field Size**
2.833	LOR	Language of Result	Y	N	1	1
2.835	APR	Applicant Payment Remittance				
		• Remittance Type Code	Y	N	1	2
		• Other Remittance Type Description		ANS	1	40
		• Remittance Amount		NS	1	12
		• Currency Code	Y	A	3	3
		• Other Currency Type Description		ANS	1	40
		• Number of Civil Requests Included		N	1	2
		• Payment Instrument Number		ANS	1	16
		• Payment Instrument Date		D	8	8
2.838	PYT	Payment Type	Y	N	1	1
2.849	BBID	Bulk Billing Agency Identifier		AN	7	7
2.850	ATS	Application Type Specify		ANS	1	50
2.851	DCR	DCN Reference Number		N	20	20
2.865	CFN	Consent Form Number		ANS	1	8
2.866	PDM	Preferred Delivery Method	Y	N	1	2
2.867	CREA	Civil Results E-mail Address		ANS	5	100
2.869	APT	Civil Application Type				
		• Application Type	Y	N	1	2
		• Sub-Type	Y	N	4	4
2.870	VAO	Vulnerable Sector Consent Number One – Authentication Obtained Indicator		N	1	1
2.871	VCL	Volunteer Confirmation Letter Verified Indicator		N	1	1
2.872	TPW	Third-Party Waiver Consent Obtained Indicator		N	1	1
2.873	DIS	Details of Information Sought		ANS	1	300
2.874	SFBI	FBI Search Request		A	1	1
2.875	RRES	RCMP-NPS Results	Y	A	1	1
2.876	USS	US States Search				
		• State Code	Y	N	2	2
		• State File Number		ANS	1	32
2.883	COB	City of Birth		ANS	1	35
2.884	POE	Port of Entry		ANS	1	50
2.885	DOE	Date of Entry		D	8	8
2.886	*RID*	*Refugee File Number*	*Deprecated tag*			
2.887	CIC	CBSA/IRCC Office Number		ANS	1	16
2.888	FOSS	Immigration Client Identifier		ANS	1	16

Table C-1: Data Dictionary

Tag Number	Identifier	Tag Name	Pick-List	Character Type	Min Field Size	Max Field Size
2.889	BCID	Biometric Consent Image Designator		N	2	5
2.890	ACSIG	Applicant Consent Signature Indicator		N	1	1
2.891	ISR	International Search Request		A	1	1
2.892	IRP	International Countries to Search				
		• Country Code	Y	N	3	3
		• File Number		ANS	1	32
2.893	FQO	Fingerprint Quality Override				
		• Finger Number	Y	N	2	2
		• Override Reason Code	Y	N	2	2
		• Description		ANS	1	50
2.894	FER	Foreign Search Reason		ANS	1	500
2.896	ACS	Authority for Canadian Search	Y	N	1	1
2.897	SDO	Submitting Device ORI		AN	7	7
2.8005	RET	Retention Code		A	1	1
2.8011	*NOK*	*Next Of Kin*	*Deprecated tag*			
2.8014	FBI	FBI File Number		AN	1	9
2.8018	*LTC*	*Latent Type Code*	*Deprecated tag*			
2.8021	AAI	Added by Agency Identifier		AN	7	7
2.8022	DOB	Date of Birth		D	8	8
2.8038	DPR	Date Fingerprinted		D	8	8
2.8044	ESD	Effective Search Date		D	8	8
2.8045	*DOA*	*Date of Arrest*	*Deprecated tag*			
2.8046	SID	Success Indicator		N	1	1
2.8060	EMSG	Error				
		• Error Code		N	1	5
		• Error Message		ANS	1	300
2.8071	ACN	Action to be Taken		ANS	1	300
2.8084	MFR	Missing Finger or Image Reason				
		• Finger or Image Code	Y	N	2	2
		• Missing Reason Code	Y	A	2	2
		• Missing Date		D	8	8
2.8106	ICI	Investigator Contact Information				
		• Investigator Name		ANS	1	50
		• Investigating Agency Name		ANS	1	50
		• Investigating Section Name		ANS	1	50
		• Telephone Number		N	1	20
		• Fax Number		N	1	20
		• Mailing Address		ANS	1	200

Table C-1: Data Dictionary

Tag Number	Identifier	Tag Name	Pick-List	Character Type	Min Field Size	Max Field Size
		• E-mail Address		ANS	1	50
2.8163	RI	Remand Indicator		N	1	1
2.8164	DPC	Disposition Priority Code	Y	A	1	5
2.8212	CDI	Cardscan Device Indicator		N	1	1
2.8220	DNAI	DNA Indicator		N	1	1
2.8264	SUN	DNA Sample Unique Number		AN	3	12
2.8268	DEN	DNA Endorsement Number		AN	3	12
2.8269	DCDT	DNA Court Order Date		D	8	8
2.8295	RSTS	Latent Search Result Target Set Code	*Deprecated tag*			
2.8302	RTSF	Record Type Search Filter	*Deprecated tag*			
2.8337	OID	Operator Identifier		AN	6	9
2.8900	SRS	Send Results to Source	Y	N	1	1
2.8903	RTA	Return Mailing Address				
		• Attention Name		ANS	1	40
		• Address Line 1		ANS	1	50
		• Address Line 2		ANS	1	50
		• Address Line 3		ANS	1	50
		• City		ANS	1	35
		• Province / State Code	Y	N	2	2
		• Postal Code / Zip Code		ANS	1	10
		• Country		AS	1	35
		• Country Code	Y	N	3	3
2.8905	DLVI	Delivery Instructions		ANS	1	2000
2.8908	CNON	Contributor Case/File Number		ANS	1	32
2.8910	NVN	External ICD Version Number		N	3	3
2.8911	STV	System Table Version Number		N	3	3
2.8913	CRS	Criminal Record				
		• Country Code	Y	N	3	3
		• Criminal Record Contents		ANS	1	200000
2.8924	FNM	Father's Name				
		• Surname		AS	1	24
		• Given Name 1		AS	1	15
		• Given Name 2		AS	1	15
		• Given Name 3		AS	1	15
		• Given Name 4		AS	1	15
2.8925	MNM	Mother's Name				
		• Surname/Maiden		AS	1	24

Table C-1: Data Dictionary

Tag Number	Identifier	Tag Name	Pick-List	Character Type	Min Field Size	Max Field Size
		• Given Name 1		AS	1	15
		• Given Name 2		AS	1	15
		• Given Name 3		AS	1	15
		• Given Name 4		AS	1	15
2.8927	CDN	Court Docket Number		ANS	1	20
2.8928	NOTD	Name of Official Taking DNA Sample		ANS	1	50
2.8929	NWTD	Name of Witness When Taking DNA Sample		ANS	1	50
2.8931	NFT	Name of Person Responsible for Transaction		ANS	1	50
2.8933	*GNA*	*Gang Affiliation*	*Deprecated tag*			
2.8934	TEL	Telephone Number				
		• Area Code		N	3	3
		• Telephone Number		N	1	20
		• Extension		N	1	5
2.8935	CTRY	Country of Birth	Y	N	3	3
2.8936	RTX	Race Description		ANS	1	25
2.8938	NOTF	Name of Official Taking Fingerprints		ANS	1	50
2.8939	FPCL	Fingerprints Capture Location		ANS	1	200
2.8943	EVSI	Employment in Vulnerable Sector Indicator		N	1	1
2.8944	VSD	Vulnerable Sector Details				
		• Description of Position		ANS	1	100
		• Name of Person or Organization		ANS	1	100
		• Details Regarding Children or Vulnerable Person(s)		ANS	1	100
2.8952	CREF	Contributor Supplied Reference Information		AS		
		• Surname		AS	1	50
		• Given Name 1		AS	1	20
		• Given Name 2		AS	1	20
		• Given Name 3		AS	1	20
		• Given Name 4		AS	1	20
		• Date of Birth		D	8	8
		• Sex		A	1	1
		• CBSA/IRCC Office Number		ANS	1	16
		• Immigration Client Identifier		ANS	1	16
		• Contributor Individual Reference		ANS	1	32

Table C-1: Data Dictionary						
Tag Number	**Identifier**	**Tag Name**	**Pick-List**	**Character Type**	**Min Field Size**	**Max Field Size**
		Number				
		• Contributor Case File Number		ANS	1	32
2.8953	IDI	Search Result Information				
		• File Type Search Code		N	1	2
		• Search Code Result		A	1	1
		• File Number		AN	1	12
		• Surname		AS	1	50
		• Given Name 1		AS	1	20
		• Given Name 2		AS	1	20
		• Given Name 3		AS	1	20
		• Given Name 4		AS	1	20
		• Date of Birth		D	8	8
		• Sex		A	1	1
		• CBSA/IRCC Office Number		ANS	1	16
		• Immigration Client Identifier		ANS	1	16
2.8973	AFN	Subject File Identifier				
		• File Type Code	Y	N	2	2
		• Subject File Number		AN	1	12
10.200	COM	Comments		ANS	1	500
14.013	FGP	Finger or Image Number	Y	N	2	2
14.021	SEG	Finger Segment Position(s)				
		• Finger Number	Y	N	1	2
		• Left		N	1	4
		• Right		N	1	4
		• Top		N	1	4
		• Bottom		N	1	4
14.022	IQM	Image Quality Metric				
		• Finger Number	Y	N	2	2
		• Quality Score		N	1	3
14.200	IMTC	Image Type Contained	Y	N	1	1
16.005	UTD	User Defined Date		D	8	8
16.013	PGN	Page Number		N	1	5
16.015	DTP	Document Type Code	Y	N	1	2
16.019	SEG	Image Position				
		• Finger/Palm Position	Y	N	1	2
		• Centre x		N	1	4

Table C-1: Data Dictionary

Tag Number	Identifier	Tag Name	Pick-List	Character Type	Min Field Size	Max Field Size
		• Centre y		N	1	4
		• Rotation		N	1	3
		• Width		N	1	5
		• Height		N	1	5
16.020	CDIM	Card Dimension				
		• Card Width		N	1	5
		• Card Height		N	1	5
		• Card Resolution		N	1	4
16.021	DS	Document Side	Y	N	1	1

APPENDIX D: LIST OF ACRONYMS

Note that additional terms can be found in Table 2-4: Type-2 Transaction Record Example (CAR-Y), and Table C-1: Data Dictionary above.

Table D-1: List of Acronyms	
Acronym	**Definition**
AAI	Added by Agency Identifier (record layout field name or tag)
ACK	Acknowledge
ACKT	Acknowledgement Tenprint
ACN	Action (to be taken – record layout field name or tag)
ACS	Authority for Canadian Search (record layout field name or tag)
ACSIG	Applicant Consent Signature Indicator
ACTL	Activity Log
ADR	Home Address (class type – record layout field name or tag)
AFIS	Automated Fingerprint Identification System
AFN	Subject File identifier (The identifier of a given individual as they are represented on an incoming transaction, e.g., IMP.)
ANSI	American National Standards Institute
APR	Applicant Payment Remittance
APT	Civil Application Type
ASCII	American Standard Code for Information Interchange (standard and text file format)
ATS	Application Type Specify (record layout field name or tag)
ATS	Anonymous Tenprint Search request
BBID	Bulk Billing (Agency) Identifier (record layout field name or tag)
BCID	Biometric Consent Image Designator (record layout field name or tag)
BPX	Bits Per Pixel
C-216	The RCMP-NPS Criminal Fingerprint Form
C-216C	The RCMP-NPS Civil Fingerprint Form
CAR-N	Criminal Tenprint Transaction Answer Required (Fingerprints not retained)
CAR-Y	Criminal Tenprint Transaction Answer Required (Fingerprints retained)
CBSA	Canada Border Services Agency (GC)
CC	Century (year – must be 19 or 20)

Table D-1: List of Acronyms	
Acronym	**Definition**
CCRTIS	Canadian Criminal Real Time Identification Services
CDI	Cardscan Device Indicator
CDIM	Card Dimensions
CDN	Court Docket Number
CGA	Compression Algorithm
CGV	(Federal Statutes) Charge Table Version (Number)
CHG	Charge (information – record layout field name or tag)
CIC	CBSA/IRCC Office Number (tag)
CNT	File Content
COB	City of Birth
COM	Comments
COR	Correspondence
CMT	Comments
CNON	Contributor Case/File Number
CNT	File Content (record layout field name or tag)
COB	City of Birth (record layout field name or tag)
CPIC	Canadian Police Information Centre
CPX	Complexion (record layout field name or tag)
CR	Carriage Return
CREF	Contributor (supplied) Reference Information
CRS	Criminal Record Synopsis (file or database)
CSP	Colour Space
CSV	Comma-Separated Value (file format)
CTR	Response to Agency Identifier
CTRY	Country of Birth (record layout field name or tag)
DAI	Destination Agency Identifier (record layout field name or tag)
DAT	Date (of submission)
DCDT	DNA Court Order Date
DCN	Document Control Number (A unique record layout field name or tag identifier for a CAR-Y transaction. A DCN is typically generated by the contributor. Note that

Table D-1: List of Acronyms	
Acronym	**Definition**
	for a FBI submission, the DCN is generated by the RTID NNS.)
DCR	Document Control Reference number
DEN	DNA Endorsement Number
DIS	Details of Information Sought (record layout field name or tag)
DLVI	Delivery Instructions
DNA	Deoxyribonucleic Acid (barcode SUN, database, evidence, or submission for NPS internal use only)
DNAI	DNA Indicator
DOA	Date of Arrest (record layout field name or tag)
DOB	Date of Birth (record layout field name or tag)
DOCID	Document Identifier
DOE	Date of Entry (record layout field name or tag)
DPC	Disposition Priority Code
DPR	Date Fingerprinted (record layout field name or tag)
DS	Document Side
DTP	Document Type Code
EBTS	Electronic Biometric Transmission Specification
EFCD	Electronic Fingerprint Capture Device
EMS	Electronic Mugshot System
EMSG	Error Message (record layout field name or tag)
ERRI	Error Image Request
ERRT	Error Tenprint Transaction
ESD	Effective Search Date
EVSI	Employment in Vulnerable Sector Indicator (record layout field name or tag)
EYE	Eye Colour
FAST	Free And Secure Trade (program)
FBI	FBI File Number
FBI	Federal Bureau of Investigation
FER	Foreign Search Reason (record layout field name or tag)
FGP	Finger or Image Number
FLG	(Caution Flags) Flag (record layout field name or tag)

Table D-1: List of Acronyms

Acronym	Definition
FNM	Father's Name
FOSS	CBSA/IRCC Immigration Client Identifier (Assigned by CBSA/IRCC, and previously known as the Field Operational Support Services (IRCC).)
FPC	C-216 Criminal Fingerprint Form
FPCL	Fingerprints Capture Location
FPD	DNA Form
FPR	C-216R Refugee Fingerprint Form
FPS	Fingerprint Section Number (i.e., Criminal File Number)
FPT	C-216T Acetate
FPV	C-216C Civil Fingerprint Form
FQO	Fingerprint Quality Override (record layout field name or tag)
^F_S	File/record-type Separator
GCA	Grayscale Compression Algorithm
GMT	Greenwich Mean Time (record layout field name or tag)
GNA	Gang Affiliation (or affiliation – record layout field name or tag)
GRC	Gendarmerie Royale du Canada
^G_S	Group/tag Separator
HAI	Hair (colour – EFTS Type-2 record layout field name or tag)
HGT	Height (EFTS Type-2 record layout field name or tag)
HLL	Horizontal Line Length (record layout tag)
HPS	Horizontal Pixel Scale
IAFIS	Integrated Automated Fingerprint Identification System (FBI)
ICD	Interface Control Document
ICI	Investigator Contact Information (record layout field name or tag)
ID	Identification
IDC	Image Designation Character
IDI	Search Result Information
IEC	International Electrotechnical Commission
IID	Immigration File Number
IMA	Image Capture Equipment
IMP	Impression Type

Table D-1: List of Acronyms	
Acronym	**Definition**
IMT	Image Type
IMTC	Image Type Contained
IQM	Image Quality Metric
IRQ	Image Request
IRCC	Immigration, Refugees and Citizenship Canada
IRN	(contributor) Individual Reference Number (record layout field name or tag)
IRR	Image Request Response
IRP	International Countries to Search (tag)
IRQ	(fingerprint) Image (retrieval) Request
IRR	Image Request Response
ISO	International Standards Organization
ISR	International (or INTERPOL) Search Request (Type-2 record layout field name or tag)
ITL	Information Technology Laboratory (National Institute of Standards and Technology – U.S.)
ITR	Image Type Requested
JFIF	JPEG File Interchange Format
JJJ	Julian Date (days since Jan 1st – i.e., 032 = Feb 1)
JPEG	Joint Photographic Experts Group
JPEGB	JPEG Baseline
JPEGL	JPEG Lossless
LEN	Logical Record Length
LF	Line Feed
LGF	Language Flag (record layout field name or tag)
LOR	Language of Result (record layout field name or tag)
LTC	Latent Type Code (deprecated tag)
MAP	Miscellaneous Applicant (civil transaction submission)
MFR	Missing Finger or Image Reason (record layout field name or tag)
MI	Missing Image
MKS	Marks, Scars, and Tattoos
MNM	Mother's Name

Table D-1: List of Acronyms	
Acronym	**Definition**
NAME	Primary Name
NFIQ	NIST Fingerprint Image Quality
NFT	Name of Person Responsible for Transaction
NGI	Next Generation Identification (FBI repository)
NIST	National Institute of Standards and Technology
NMG	Narrative Message (record layout field name or tag)
NMSO	National Master Standing Offer
NNS	National Police Services – National Institute of Standards and Technology (NPS-NIST) Server (RCMP – Transaction and workflow manager for RTID)
NOK	(Name of) Next of Kin (record layout field name or tag)
NOTD	Name of Official Taking DNA Sample
NOTF	Name of Official Taking Fingerprints (record layout field name or tag)
NPS	National Police Services
NSR	Native Scanning Resolution (record layout field name or tag)
NTR	Nominal Transmitting Resolution (record layout field name or tag)
NTS	Notepad Message
NVN	External ICD Version Number
NWTD	Name of Witness when Taking DNA Sample
OAI	Originating Agency Identifier (record layout field name or tag)
OCC	Occupation & Employer Name (name – record layout field name or tag)
OID	Operator Identifier (record layout field name or tag)
ORI	RTID Agency Identifier
OTN	Other Names/Alias
PCD	Palm print Capture Date
PEN	Penitentiary (Federal Jail Time label)
PGN	Page Number
PL	Physical Limitations
PLP	Palm print Position
POE	Pose Offset Angle
POB	Place of Birth (record layout field name or tag)
POE	Port of Entry (record layout field name or tag – CBSA)

Table D-1: List of Acronyms	
Acronym	**Definition**
PROS	Police Reporting and Occurrence System
PRY	Priority (record layout field name or tag)
PRV	Info Source Criminal Record Check for Personal Use Personal Information Request Form
PXS	Photo Description
PYT	Payment Type
QA	Quality Assurance
RACE	Race Descent
RCMP	Royal Canadian Mounted Police
RDIMS	Records, Documents and Information Management System
REF	Refugee Transaction
RET	Retention Code
RGB	Red Green Blue
RI	Remand Indicator
RID	Refugee File Number (file number – record layout field name or tag)
RMS	Records Management System
RoD	Record of Decision
RRES	RCMP-NPS Results
RSTF	Record Type Search Filter (deprecated tag)
RSTS	Latent Search Result Target Set Code (deprecated tag)
^R_S	Record/occurrence Separator
RTA	Return Mailing Address
RTID	Real Time Identification
RTX	Race Description
SDO	Submitting Device ORI
SEG	Finger Segment Position(s)
SEG	Image Position
SEX	Sex
SFBI	FBI Search Requests (request – record layout field name or tag)
SID	Success Indicator
SLC	Scale Units

Table D-1: List of Acronyms	
Acronym	**Definition**
SMT	Scar, Mark and/or Tattoo (image)
SMTP	Simple Mail Transfer Protocol
SRC	Source Agency Identifier
SRE	Tenprint Search Results (response to an REF, MAP, CAR-Y, CAR-N)
SRGB	Standard Red Green Blue
SRS	Send Results to Source (record layout field name or tag)
STV	System Table Version Number
SUN	Sample Unique Number (DNA)
TCD	Capture Date
TCN	Transaction Control Number (record layout field name or tag)
TCR	Transaction Control Reference (number)
TEL	Telephone Number (tag)
TOT	Type of Transaction (record layout field name or tag)
TPW	Third-Party Waiver (authentication obtained – indicator, record layout field name or tag)
UID	User Identifier
UP	Finger is Bandaged
^u_s	Unit/sub-tag Separators
USA	United States of America
USS	US State Search
UTD	User Defined Date
VAO	Vulnerable Sector Consent Number One – Authentication Obtained Indicator (indicator, record layout field name or tag)
VCL	Volunteer Confirmation Letter (verified – indicator, record layout field name or tag)
VER	(ANSI/NIST) Version (number)
VLL	Vertical Line Length (record layout tag)
VPN	Virtual Private Network
VS	Vulnerable Sector (ADS flag)
VSC	Vulnerable Sector Consent Form
VSD	Vulnerable Sector Details (record layout field name or tag)
WAI	Third Party Waiver

Table D-1: List of Acronyms

Acronym	Definition
WGT	Weight (EFTS type-2 record layout field name or tag)
WI	Work Item
WO	Weapons Offence
WSQ	Wavelet Scalar Quantization (a compression algorithm that uses wavelet technology)
XX	Finger is Amputated
YCC	YCbCr (RGB colour space)
VCL	Volunteer Confirmation Letter Verified Indicator
VLL	Vertical Line Length
VPS	Vertical Pixel Scale
YP	Young Person
YP	Young Person Identifier
YPF	Young Person Flag (record layout field name or tag)