



## Using the ALI Formatting Tool for Bell Canada

---

This chapter provides information about the ALI Formatting Tool (AFT) fields that are specific to Bell Canada. Use this information along with [Chapter 3, “Using the ALI Formatting Tool”](#) to generate ALI files in the format specified in Bell Canada’s ALI data support documentation.

This chapter contains the following sections:

- [NENA Fields and Corresponding Bell Canada Fields, page A-1](#)
- [Modifying Bell Canada-Specific Fields in the ALI Formatting Tool, page A-4](#)

For more details, refer to the latest Bell Canada’s ALI data support documentation.

## NENA Fields and Corresponding Bell Canada Fields

[Table A-1](#) lists NENA fields and the corresponding Bell Canada fields. Be aware that some NENA fields and some Bell Canada fields must be populated with data and some may be left blank. For more details, refer to Bell Canada’s ALI data support documentation.

For information about the Bell Canada-specific fields that you may need to modify, see the [“Modifying Bell Canada-Specific Fields in the ALI Formatting Tool”](#) section on page A-4.

## NENA Fields and Corresponding Bell Canada Fields

**Table A-1 NENA Fields and Corresponding Bell Canada Fields**

<b>NENA Fields</b>	<b>Data Required</b>	<b>Bell Canada Fields</b>	<b>Data Required</b>	<b>Comments</b>
House Number	Yes	Civic Number	Yes	
House Number Suffix	No	Civic Number Suffix	No	
Street Name	Yes	Street Name	Yes	
Prefix Directional	No	Street Directional	No	
Street Suffix	No	Street Suffix	Yes	The Street Suffix field is not mandatory in NENA but must be data filled in the Bell Canada format.
Post Directional	No		Not applicable	This NENA field is not used by Bell Canada.
Community Name	Yes	Extended Municipality Name	Yes	
State	Yes	Province	Yes	
Main NPA	No	Pilot NPA	Yes	
Main Telephone No.	No	Pilot NXX + Pilot LINE	Yes	
Customer Name	Yes	Subscriber Name	Yes	
Class of Service	Yes		Not applicable	AFT does not use the Class of Service from Cisco Emergency Responder (Cisco ER). You must configure this in AFT. See <a href="#">Table A-3 on page A-5</a> .  However, you must enter a dummy value (1 alphanumeric character) for this mandatory field in Cisco ER for the Cisco ER ALI configuration to work correctly.

Table A-1 NENA Fields and Corresponding Bell Canada Fields (continued)

NENA Fields	Data Required	Bell Canada Fields	Data Required	Comments
Type of Service	Yes		Not applicable	Because this is a mandatory field in NENA, you must configure some dummy value for this field in Cisco ER.  AFT ignores this value.
Exchange	No		Not applicable	This NENA field is not used by Bell Canada.
Order Number	No		Not applicable	This NENA field is not used by Bell Canada.
Extract Date	No		Not applicable	This NENA field is not used by Bell Canada.
County	No		Not applicable	This NENA field is not used by Bell Canada.
Company ID	Yes	DATA LSP ID	Yes	
Zip Code	No		Not applicable	This NENA field is not used by Bell Canada.  Postal Code is defined in a Bell Canada-specific field. See <a href="#">Table A-3 on page A-5</a> .
Zip Code Extension	No		Not applicable	This NENA field is not used by Bell Canada.
Customer Code	Yes	Subscriber Account ID	Yes	
Comments	No		Not applicable	This NENA field is not used by Bell Canada.
Longitude	No		Not applicable	This NENA field is not used by Bell Canada.
Latitude	No		Not applicable	This NENA field is not used by Bell Canada.

**Table A-1** NENA Fields and Corresponding Bell Canada Fields (continued)

NENA Fields	Data Required	Bell Canada Fields	Data Required	Comments
Elevation	No		Not applicable	This NENA field is not used by Bell Canada.
TAR code	No		Not applicable	This NENA field is not used by Bell Canada.
Location	No	Additional Information	No	
Reserved (for Service Provider Use)	No		Not applicable	This NENA field is not used by Bell Canada.

**Note**

The NENA Function Code field is called Transaction Code field in the Bell Canada format. See the [“Modifying the Transaction Code”](#) section on [page A-5](#).

## Modifying Bell Canada-Specific Fields in the ALI Formatting Tool

This section covers the following topics:

- [Modifying the Transaction Code, page A-5](#)
- [Entering Bell Canada-Specific Data, page A-5](#)

## Modifying the Transaction Code

Table A-2 shows the values displayed in the Function Field in NENA records and the corresponding values for the Transaction Code in Bell Canada records.

**Table A-2** NENA and Bell Canada Function/Transaction Fields

NENA Function Code Field	Bell Canada Transaction Code Field
I for Insert a new record	A for Add a new record
C for Change a record	A for Change a record. The NENA Function Code C is mapped to Bell Canada's Transaction Code A.
D for Delete a record	D for Delete a record

Make sure that the Transaction Code for Bell Canada is either A or D. Otherwise, Bell Canada will reject the record and return the record in an Error Return file with an error message.

## Entering Bell Canada-Specific Data

Table A-3 describes the remaining Bell Canada-specific fields. Some require data to generate ALI files in the format specified in Bell Canada's ALI data support documentation; others may remain blank.

If there is an error in these fields, Bell Canada will reject the record and send back a Error Return file with an error code. For more details and for information about field validation, refer to the latest Bell Canada ALI data support documentation.

**Table A-3** Modifying Bell Canada Specific-Fields

Field	Description	Format	Notes
Service Class	Type of telephone service of the customer's Terminal Number	3 alphanumeric characters	Must not be blank.
Postal Code	Postal code of the customer's service address	6 alphanumeric characters	Must not be blank. First character must be alphabetic.

### Modifying Bell Canada-Specific Fields in the ALI Formatting Tool

**Table A-3** *Modifying Bell Canada Specific-Fields (continued)*

Field	Description	Format	Notes
Municipality Code	Unique code assigned to each municipality	3 alphanumeric characters	Must not be blank.
Class of Service	Code identify the grade, class and type of service	5 alphanumeric characters	May be blank.
System Source	Identifies the source database of the Transaction Record	1 alphabetic character	Must not be blank.
Location Type	Type of location within a building (for example, apartment)	15 alphanumeric characters	May be blank.
Location Number	Number of the location identified in the Location Type field (for example, apartment 2, floor 2)	6 alphanumeric characters	May be blank.
Service Municipality	City, town, village, borough or locality	35 alphanumeric characters	Must not be blank.
LSP ID	Unique code provided to the PS ALI customer by Bell Canada. It denotes the provider of local telephone service.	5 alphanumeric characters	Must not be blank. Must be the valid LSP Identifier provided to the PS ALI customer.



**Note**

You do not configure the Language Indicator field using AFT; AFT sets the field to E for English.