

# Canship Web Services

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## Introduction

### Objective

The objective of this document is to provide clients with knowledge of Canpar's product offerings, as well as the required information to accomplish system integration with Canship Web Services. While speaking to the advantages of such integration, this document provides system developers with critical technical details required to construct an integrated shipping system (ISS) with Canship Web Services. Through an understanding of the benefits and technical specifications of Canship a client may deduce whether or not integration is a viable option for their company.

### Products

#### Ground

Canpar's base service, offered to all points in Canada.

#### Select

Service offered for expedited shipments. For shipments within the pickup region, the delivery will occur the next business day and for cross country shipments, the transit time is two business days (some restrictions apply). Within the Select product, there are three different shipping options:

1. **SelectLetter:** Offered at a flat rate with no weight restrictions and Canpar will provide a sturdy, legal size envelope.
2. **SelectPak:** For those items that will not fit into the Letter product, Canpar offers a poly-bag designed for large documents, spare parts, etc. The service is offered at a flat rate up to 5 lbs.
3. **SelectParcel:** Allowing a weight of up to 75 lbs, the Parcel option is designed to accommodate larger shipments for which the customer provides their own packaging and Canpar provides the label.

#### Overnight

Service offered for expedited shipping. Shipments are guaranteed to be delivered the next business day where served. Within the Overnight product, there are three different shipping options:

1. **OvernightLetter:** Offered at a flat rate with no weight restrictions and Canpar will provide a sturdy, legal size envelope.
2. **OvernightPak:** For those items that will not fit into the Letter product, Canpar offers a poly-bag designed for large documents, spare parts, etc. The service is offered at a flat rate up to 3 lbs.
3. **OvernightParcel:** Allowing a weight of up to 75 lbs, the Parcel option is designed to accommodate larger shipments for which the customer provides their own packaging and Canpar provides the label.

### USA (Ground)

Service offered for ground products to be delivered south of the Canadian border, into the continental United States.

### Select USA

Service offered for expedited shipping into the United States. There are three shipping options within the USA Select products:

1. **USA SelectLetter:** Offered at a flat rate with no weight restrictions and Canpar will provide a sturdy, legal size envelope.
2. **USA SelectPak:** For those items that will not fit into the Letter product, Canpar offers a poly-bag designed for large documents, spare parts, etc. The service is offered at a flat rate up to 3 lbs.
3. **USA SelectParcel:** Allowing a weight of up to 70 lbs, the Parcel option is designed to accommodate larger shipments for which the customer provides their own packaging and Canpar provides the label.

### International

Service offered for shipments destined outside of Canada and the continental United States.

### Pickup Tag (PUT)

Service which allows a customer to have a package picked up at a consignee's address and have it delivered back to the customer's location.

### 3<sup>rd</sup> Party Pickup Tag (3<sup>rd</sup> PUT)

Service which allows a customer to have a package picked up at a third party address and have it delivered to a specified consignee location.

### Special Services

#### Cash on Delivery (COD)

With COD service, the Canpar driver will collect payment at the time of delivery. Available on both our Ground and Select products, COD allows for several methods of payment including cash, cheque (regular, post-dated or certified), or money order.

#### Declared Value

Shipments (excluding Pickup Tags) to business or commercial locations are automatically protected in the unlikely event of loss or damage to a maximum of:

**Canada Ground and USA Service:** Either \$100/shipment or \$2.00/lb, whichever is greater

**Select Service:** Either \$250/shipment or \$2.00/lb, whichever is greater

Additional coverage is available for purchase in increments of \$100.00. For pricing information, please refer to the Optional Additional Charges section of your Canpar rate guide. For maximum declared values, please refer to the Liability section of the rate guide.

Declared value is not available to private, non-business locations. Maximum liability for such shipments is \$2.00/lb with no additional valuation allowed.

#### 10 a.m.

10 a.m. service guarantees that your shipment will be delivered by 10 a.m. on the day of delivery and can be used in conjunction with Canpar Ground, Select or Overnight products.\*

#### Noon

Noon service guarantees that your shipment will be delivered by 12 p.m. (noon) on the day of delivery and can be used in conjunction with Canpar Ground, Select or Overnight products.\*

#### Saturday

For those times when a weekend delivery is necessary, Canpar offers Saturday delivery service. Saturday service may be used in conjunction with Canpar Ground, Select or Overnight products.\* Saturday service is only offered on shipments where the expected delivery date is on a Saturday and the transit time is 1 day (i.e. pickup is on Friday). For example, if a shipment is picked up on Monday with an expected delivery date of Wednesday, the shipment would not be eligible for Saturday delivery.

#### Dangerous Goods

Service for use when articles being shipped are capable of posing a significant risk to people, health, property or environment when transported in quantity, including items such as aerosol cans, perfume and paint. This service may be used in conjunction with Canpar's Ground product only.

#### No Signature Required (NSR)

When a package needs to be delivered and there will not be anyone available to sign, a shipper can select the "NSR" option which allows our driver to leave the parcel without receipt of a signature.

\* Some restrictions apply

#### Ancillary Charges

##### Extra Care (XC)

Extra care is a service for packages that require special attention because of their size, shape, or packaging. This charge is applicable on all service levels. An additional charge is levied for packages meeting any of the following criteria:

- Packages with a combined length and width greater than 130 inches (330 cm) but less than 165 inches (419 cm)
- Ground, Select and Overnight products: Packages with a single dimension exceeding 84 inches (213 cm) but less than 108 inches (274 cm)

- USA products: Packages with a single dimension exceeding 60 inches (152 cm) but less than 108 inches (274 cm)
- Any shipment on which the shipper indicates any number of pieces for “XC” manually

### Residential

The residential charge is a shipment level, flat fee incurred when the delivery location is categorized as a residential address.

### System Overview

Canpar provides clients with a web services interface for the production of shipping documents including address labels, customs (ProForma) invoices and manifest documentation, in addition to the submission of manifest data electronically to CANPAR for processing, tracking and invoicing purposes. The overall design of the Canship system is compliant with the standards and best practices set forth by the World Wide Web Consortium (W3C).

### Technical Summary

- Extensible Markup Language (XML) (<http://www.w3.org/XML>)
- Hyper Text Transfer Protocol (HTTP) (<http://www.w3.org/Protocols/>)
- Open-specifications Driven
- Reference Implementation
- Simple Object Access Protocol (SOAP) (<http://www.w3.org/TR/soap>)
- SSL and Mutual Certificate Based Authentication for security
- W3C standards for Web Services
- Web Services Description Language (WSDL) (<http://www.w3.org/TR/wsdl>)

### Related Documents

Please refer to the following documents for additional information pertaining to the Canship Web Services:

- Canship Web Service Reference
- Canpar AddonsService Web Service Reference

### Assumptions

Canpar assumes that clients wishing to develop their own integrated shipping system with Canship Web Services have the technical aptitude to do so, in addition to functional knowledge of the Canpar shipping process and its requirements. The communication between the client’s device and Canpar’s is based on an agreed upon standard protocol and transaction definition. Authentication will be performed using mutual certificate based authentication.

## Web Services Interface

### What CANSHIP Web Services Provides

The Canship Web Services interface provides a variety of methods including those needed to rate Canpar shipments, as well as those pertaining to the processing of a shipment. For a complete listing of methods available, as well as the input/ output arguments please see the Canship Web Services Reference document.

### Available Methods

For a full listing of the available methods, as well as their parameters, please refer to the Canship Web Service Reference document.

### Canpar Rating Methods

With the Canpar Rating methods, you are able to complete a variety of tasks including obtaining the available services based on the origin and destination postal codes, returning the profile information for one or all users and obtaining the version of the application you are accessing. If required, you can search the Canada Post database via street name, street type, city province and/or postal code to check an address. Once you have confirmed and entered all of your shipping details, you can also generate the Canpar rate for the shipment, as well as submit manifests to Canpar for processing.

Function	Description	Web Service
Dynamic service selector	Based on the input origin and destination postal codes, Canship Web Services will return the services that are offered for the shipment.	getAvailableServices
Get a user's profile	If required, Canship Web Services can retrieve the shipping profile for a specific user on a specified account number or all of the users on that account, including information such as which services are permitted, max. COD values, etc.	getProfile getProfiles
Canship Web Service version	If you would like to ensure that your ISS is accessing the most current version of Canship Web Services, you can request the version of the application.	getVersion
Rate shipment	Once you have input the shipping details (address, package and weight information, service, etc.), you are able to request a shipping rate via Canship Web Services.	rateShipment
Validate a shipping address.	If you are unsure of an address you are shipping to, Canship Web Services allows you to search via street name, street type, city, province and/or postal code in order to verify the address by	searchCanadaPost

	Canada Post.	
Submit manifest	Once you labels have been generated for all of your shipments, you may print a manifest to send to Canpar for billing and tracking purposes.	submitManifest

### Canship Business Methods

The Canship Business methods pertain to the actual process of shipping. With these methods, you are able to control your address book, cost centers, box profiles, commodities, standing order (STO) imports and preferences, in addition to being able to search your history via multiple criteria.

**New Shipment:** Once shipment details such as address, package and weight information, service, etc. have been input, Canship Web will allow you to process your shipment and obtain your shipping labels. If you are shipping internationally, you will also be able to either print or save your ProForma. Additionally, if the shipment is not quite ready to go out yet, you may elect to hold the shipment for processing at a future point in time.

Function	Description	Web Service
Process shipment	Once you have entered the shipment details, you may process the shipment and proceed to print your labels. The processed shipment will remain in a “pending” state until the manifest has been printed.	processShipment
Print label(s)	Once the shipment has been processed, you can print off the shipping labels to affix to your packages.	getLabels getLabelsAdvanced
Complete Proforma	When shipping internationally, Canship Web Services provides you the ability to either print your ProForma at the time of shipping or to save the ProForma for later printing.	getProforma saveProforma
Hold shipment	If you have a shipment that isn’t quite ready to go out, Canship Web Services give you the option to place the shipment on hold for future processing.	holdShipment

**Pending Shipments:** Any shipments for which a manifest has not been printed are considered to be pending. Canship Web Services allows you to search for unprocessed shipments before or after a specified date, obtain the last manifest number submitted or, if you are ready to process the pending shipments, to get the manifest and process your end of day. If there are shipments pending that are no longer going to be shipped, you also have the ability to void them prior to printing a manifest.

Function	Description	Web Service
Last manifest number	If you require the last manifest number, Canship Web Services will return that information to you on-screen.	getLastManifestNumber
View unprocessed shipments	If you would like to view unprocessed shipments before or after a specific date, simply specify the date to search before or to search after and Canship Web Service will display the results on-screen.	getShipmentsBeforeDay getShipmentsAfterDay
Void shipment	If you no longer wish to send out a shipment, to avoid being billed you must void the shipment prior to printing a manifest. Once a shipment has been voided, the charge will be removed from the manifest.	voidShipment
View manifest	If you would like to view a manifest on-screen, Canship Web Services requires the manifest number you are looking for and a PDF copy of the manifest will be displayed.	getManifest
Process end of day	Once the manifest has been printed, the end of day process will be initiated, letting Canpar know the manifest number and the contents of the manifest electronically.	endOfDay



**Address Book:** For clients who ship to the same customers on a regular basis, Canship Web Services allows you to save customer records into an address book, for ease of future shipping. As customers come and go, you can continue to add new records and delete outdated ones. You can also perform an import using an existing customer list or delete records as the customer information changes. Additionally, you can request the address book limit to see the remaining space or export the address book to review your current customer listing.

Function	Description	Web Service
Add new customer record	Once you have entered the consignee details for a new customer record, simply save it and, next time you ship to that customer, you can pull the record from your address book.	saveAddressBook
Delete customer record	When a customer record is outdated or no longer needed, simply delete the record from your address book.	deleteAddressBook
Address book limit	When you need to know how much space is left in your address book, requesting the address book limit will let you know how many records you are permitted and how many have already been used, allowing you to calculate how many more records you can add.	getAddressBookLimit
Search address book	When you need to find a customer in your address book, Canship Web Services allows you to search the address book via the following criteria in order to locate the customer record: address id, city, cost centre, name, phone number, province or reference. As long as you know any one of these criteria, you will be able to locate your customer record.	searchAddressBookById searchAddressBookByCity searchAddressBookByCostCentre searchAddressBookByName searchAddressBookByPhone searchAddressBookByPostalCode searchAddressBookByProvince searchAddressBookByReference
Import address book	If you have an existing customer list in Excel CSV (comma separated value) format, you can import the records en masse, allowing for quick shipping with minimal typing.	importAddressBook

Export address book	If you would like to keep a backup of your address book or simply need a copy for your own use, Canship Web Services allows you to export your address book. The export will be in Excel CSV (comma separated value) format.	exportAddressBook
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**Boxes:** For clients who use standardized boxes, Canship Web Service offers the ability to save box profiles, which include the box name, length, width and height. As your box needs change, you can add and delete box profiles to best suit your inventory. Once a box is selected, Canship Web Service will use the higher of the two input values, either the actual weight or the dimensional weight, to base your shipping rate on.

Function	Description	Web Service
Add new box profile	When you have a new box size to be saved, simply input the box name and dimensions and save the new profile.	saveBox
Delete box profile	When a box size is discontinued or no longer needed, simply delete the profile to remove it from the account.	deleteBox
List all box profiles	If you would like to take stock of the box profiles already entered into your system, you can have Canship Web Services provide you with a listing of all the current boxes.	getBoxes

**Commodities:** For clients who frequently ship to the USA or internationally, Canship Web Services offers the ability to create a commodity item and save the entry. Once saved, the commodity will be available for use on any ProForma entered and if the commodity is no longer need, simply delete it.

Function	Description	Web Service
Save a new commodity record	Once you have filled in the pertinent information (description, country and province of origin, value and HS code if applicable), simply save the item and it will become available for future use.	saveCommodity

Delete a commodity record	When a commodity item is no longer needed, simply delete it to remove the record from the account.	deleteCommodity
List all commodities	If you would like to see all of the commodities that you have saved, Canship Web Services can retrieve a listing for you to review on-screen.	getCommodities

**Cost Centres:** Generally used for reporting purposes, cost centres can help track shipping costs. Once saved, you can assign cost centres to specific pieces when creating a shipment. If the cost centre is discontinued, simply delete the record to remove it from the account.

Function	Description	Web Service
Save a new cost centre	When you would like to add a cost centre, simply specify the shipper number to which it applies and the division name or number. If you wish, you may also add a description of the cost centre and a handling charge. Once saved, the cost centre can be applied at the time of shipping.	saveCostCentre
Delete a cost centre	When a cost centre record is no longer needed, simply delete it in order to remove it from the account.	deleteCostCentre
List all cost centres	If you would like to take inventory of all the cost centres that have been entered, Canship Web Services can provide an on-screen listing for ease of viewing.	getCostCentres

**History Search:** Forget if you sent out that important package last week or want to provide your customer with a tracking number? Need to see what shipments went out on a specific manifest number? Canship Web Services allows you to search the history of the account via several criteria to make locating past shipments quick and easy. Once retrieved, Canship Web Services provides full details on the shipments.

Function	Description	Web Service
Search history	When you need to locate a past shipment, Canship Web Services allows you to search the account history via the following criteria to make locating a shipment simple:	searchShipmentsByBarcode searchShipmentsByCostCentre searchShipmentsByDeliveryAddress

	barcode, cost centre, delivery address, delivery address id, delivery city, delivery name, delivery postal code, delivery province, manifest number, reference or shipping date.	searchShipmentsByDeliveryAddressId searchShipmentsByDeliveryCity searchShipmentsByDeliveryName searchShipmentsByDeliveryPostalCode searchShipmentsByDeliveryProvince searchShipmentsByManifestNum searchShipmentsByReference searchShipmentsByShippingDate
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**Imports:** For clients who do mass mail-outs or need to print many labels en masse, Canship Web Services allows for the import of a standing order file (STO). If you have a listing of your shipments in an Excel CSV file, it can be imported via the web service and then executed to print out all of your shipping labels at once.

Function	Description	Web Service
Save a new STO	If you plan to repeat the same standing order file in the future, you can simply save it to avoid having to re-import the file at a later date, speeding up your shipping.	saveSTO
Delete an STO	If you no longer require a standing order file, simply delete it to remove the file from the account.	deleteSTO
List all STOs	If you would like to view a listing of all the STOs saved on the account, Canship Web Services can retrieve the listing on-screen, allowing you to take quick stock of what already exists.	getSTOs

**Preferences:** For an administrator, keeping track of preferences for users and shippers can be difficult and time consuming. Canship Web Services allows you the ability to update preferences and global preferences for all users or shippers in a single command, rather than altering each set of preferences individually, saving you time. “Global preferences” are: default shipper number, lock shipper number and address book save allowed. All other preferences are simply termed “preferences.”

Function	Description	Web Service
Delete global preference	When a global preference is no longer applicable, it can simply be deleted to remove it from the account.	deleteGlobalPreference
Delete preference	When a preference is no longer applicable, it can simply be deleted to remove it from the account.	deletePreference
View all global preferences	If you would like to view all of the global preferences for an account, Canship Web Services can return that listing for on-screen viewing.	getGlobalPreference
View all of preferences	If you would like to view all of the preferences for an account, Canship Web Services can return that listing for on-screen viewing.	getPreferences
Save a new global preference	To update or change a global preference, simply select the new preference and save it.	saveGlobalPreference
Save a new global preference for all users	To update or change a global preference for all users, simply select the new preference and save it.	saveGlobalPreferenceAllUsers
Save a new preference	To update or change a preference, simply select the new preference and save it.	savePreference
Save a new preference for all	To update or change a	savePreferenceAllShippers

shippers	preference for all shippers, simply select the new preference and save it.	
Save a new preference for all users	To update or change a preference for all users, simply select the new preference and save it.	savePreferenceAllUsers

**Add-ons Service:** For customers who do not have a regular pickup schedule, Canship Web Services offers the ability for pickups to be scheduled as needed either for the same day\* or for the next business day.

\* Some restrictions apply.

Function	Description	Web Service
Schedule a new pickup	Allows a customer to schedule a pickup for either the same day* or the next business day.	SchedulePickup
Cancel an existing pickup	No longer need a pickup? Simply cancel the pickup and schedule a new one the next time you need a driver to come by.	CancelPickup
Retrieve next scheduled pickup day	Can't remember if a pickup has been scheduled? Simply search for the next scheduled pickup. If one doesn't exist, schedule a new pickup.	GetPickupDay
Search previous pickups	If you need to find a previous pickup date, Canship Web Services allows you to search previous pickups to locate the date you need.	SearchPickup
Track a shipment	This feature allows you to track a shipment quickly and easily using the barcode number.	TrackByBarcode

## Web Services Security

### Mutual Authentication and SSL

Canpar uses mutual authentication requiring both server-side and client-side authentication, in addition to Secure Socket Layer (SSL). Canpar requires the secure implementation of Web Services, i.e. data transferred must be safe from interception, tampering and unauthorized access.

## Commissioning Process

### System Certification Test Environment Authorization

Once you are ready to begin testing with Canship Web Services, Canpar will provide you with credentials (log-in ID and password) that you may use to access a test environment. Simply complete the System Certification Test Environment Authorization form (found on page 18 in the Appendix of this document) and submit it to Canpar's Service Desk. Within two days of your submission, you will receive a response email containing your test environment credentials, as well as the URL for the test environment.

A copy of the System Certification Test Environment Authorization form will be provided to you, with the technician's notes, to retain for your records.

### System Certification Live Migration Authorization

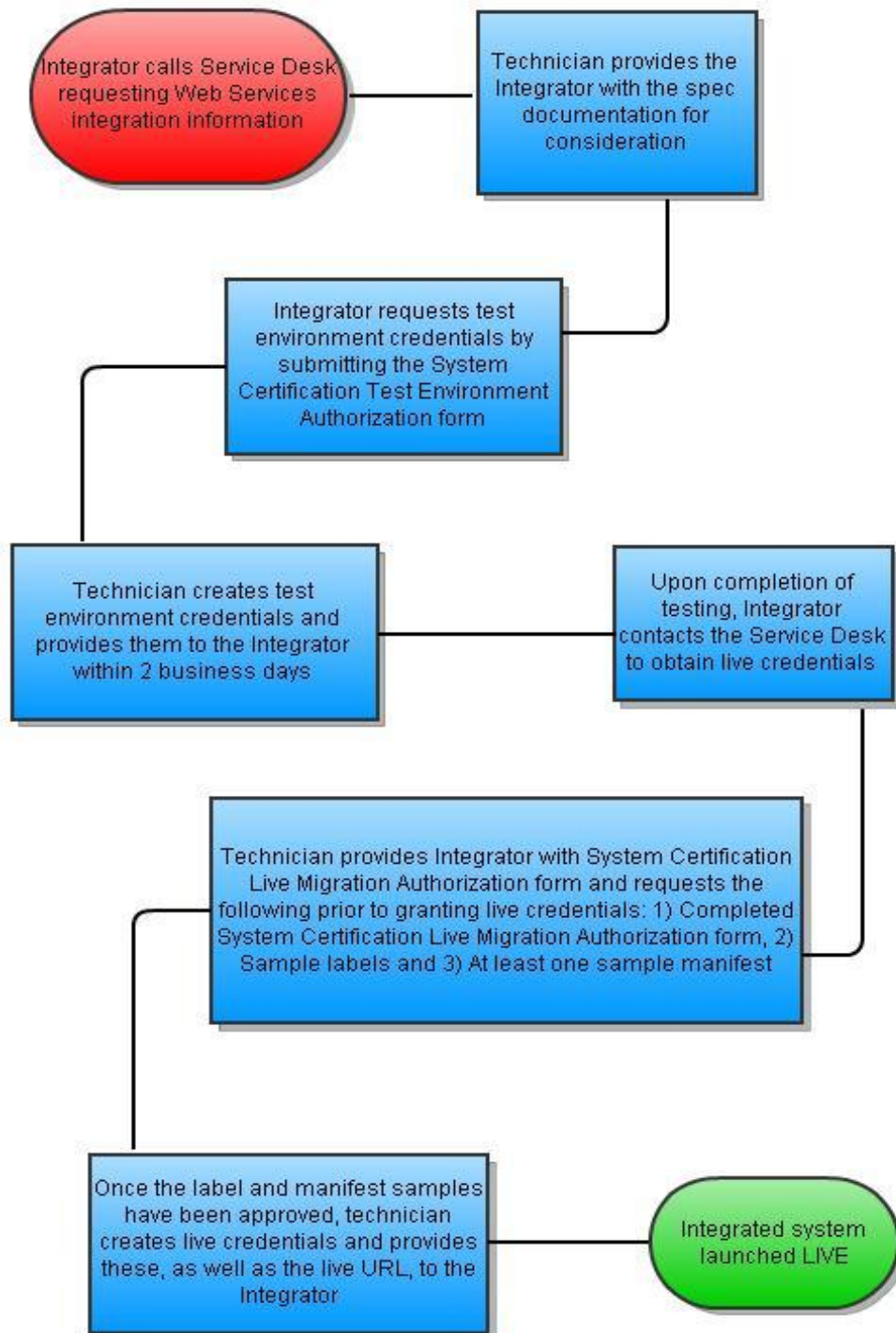
When you are ready to launch the live version of your interface, you will need to contact Canpar's Service Desk, once again, to obtain both your live credentials and the live URL. The technician will provide you with the System Certification Live Migration Authorization form, which must be completed and returned to Canpar along with the following:

- Samples of the labels you are producing: This allows Canpar to ensure that there are no deficiencies with the print quality, or any other issues that will impede scanning at both the driver and terminal levels.
- At least one sample of a manifest being produced: For much the same reason as Canpar requests the labels, we request, at minimum, one manifest to test scan. This ensures smooth shipping down the line.

Within five (5) business days, you will receive a response from a Canpar technician, indicating your live credentials, the live URL and any additional notes or comments pertaining to the quality of the label and manifest samples provided. So long as the technician has indicated that the samples provided appropriate scans, you may proceed to your live launch.

A copy of the System Certification Live Migration Authorization form will be provided to you, with the technician's notes, to retain for your records.

## Commissioning Process Flow Chart





## Appendix A

### Contacts

The CANPAR Service Desk would be glad to assist you with any questions or concerns that may arise. The Service Desk hours of operation are Monday through Friday, 8:00 am to 7:00 pm.

Telephone: (866) 588-1488

E-mail: [servicedesk@canpar.com](mailto:servicedesk@canpar.com)

### Terms and Definitions

**CANSHIP Web Service:** Canpar's current shipping program, based on web calls

**Consignee:** A person, entity or party to whom something is consigned or shipped

**Customer:** A person, entity partnership or organization utilizing Canpar's products and services

**Destination Postal Code:** The postal code to which a package or shipment is being shipped

**Estimated Delivery Date:** The date that the shipment is expected to reach its destination, based on date shipped and service level selected.

**Manifest:** A Canpar-required shipping document usually processed at the end of the shipping day, which provides a listing of all packages being shipped, and a breakdown of the associated charges.

**Origin Postal Code:** The postal code from which a package or shipment will be shipped

**Package:** Any single box, container, poly-bag or envelope accepted by Canpar for delivery

**Proforma:** Canpar's commercial invoice required for shipping to the United States of America or internationally. A Proforma is not required for domestic shipments

**Rate guide:** A booklet provided to a Canpar customer at the time their account is opened which details all of the pricing specifications for their individual account

**Shipment:** Any box, container, poly-bag or envelope or series of boxes, containers, poly-bags or envelopes accepted by Canpar for delivery

**Standing Order (STO):** A feature of the Canship Web Services that allows a customer to import a listing of all of their shipments and execute the labels as a batch, as opposed to manual entry which prints the labels for one shipment at a time

**Transit time:** The amount of time, in days, that will be required for the package to make its way to the destination once it has been picked up by a Canpar driver or dropped off at a Canpar terminal

## System Certification Test Environment Authorization

**Company Name** \_\_\_\_\_  
**Customer Number** \_\_\_\_\_  
**Company Integrator** \_\_\_\_\_

### Technical Contact Information

**Name:** \_\_\_\_\_  
**Title:** \_\_\_\_\_  
**Phone number:** \_\_\_\_\_  
**E-mail address:** \_\_\_\_\_

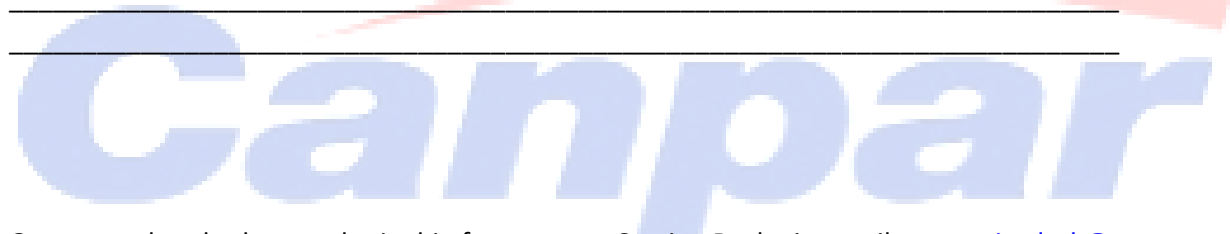
### Business Contact Information

**Name:** \_\_\_\_\_  
**Title:** \_\_\_\_\_  
**Phone Number:** \_\_\_\_\_  
**E-mail address:** \_\_\_\_\_

**Expected Testing Start Date (MM/DD/YY):** \_\_\_\_\_

**Additional Notes or Comments** \_\_\_\_\_

\_\_\_\_\_

The Canpar logo is a large, light blue, stylized wordmark. Above the wordmark is a red swoosh that starts under the 'C', goes over the 'n' and 'p', and ends under the 'r'. The swoosh has a slight gradient and a soft shadow.

Once completed, please submit this form to our Service Desk via email to: [servicedesk@canpar.com](mailto:servicedesk@canpar.com). Within two (2) business days, you will receive a response email from the Service Desk indicating the test environment credentials that have been created for you, as well as the test environment URL. If you would like to speak with a technician prior to submitting your form or arrange to fax your submission, please call the Service Desk at (866)-588-1488.

### For Technician Use Only

**Test Log-in ID** \_\_\_\_\_  
**Test Password** \_\_\_\_\_  
**Test Environment URL** \_\_\_\_\_

\_\_\_\_\_  
Technician Signature

\_\_\_\_\_  
Date (MM/DD/YY)

Please ensure that Customer receives a copy of this document to retain for their records.

## Appendix B

### STO Key Names

The STO key names utilized in CANSHIP Web Services are as follows:

KEY_SKIP	KEY_SERVICE_TYPE
KEY_SHIPPER_NUM	KEY_PREMIUM
KEY_COLLECT_SHIPPER_NUM	KEY_COS
KEY_SHIPPING_DATE	KEY_DG
KEY_PICKUP_ADDRESS_ID	KEY_INSTRUCTION
KEY_PICKUP_ADDRESS_NAME	KEY_DESCRIPTION
KEY_PICKUP_ADDRESS_LINE_1	KEY_HANDLING
KEY_PICKUP_ADDRESS_LINE_2	KEY_HANDLING_TYPE
KEY_PICKUP_ADDRESS_LINE_3	KEY_TOTAL_PIECES
KEY_PICKUP_ADDRESS_CITY	KEY_REPORTED_WEIGHT_UNIT
KEY_PICKUP_ADDRESS_PROVINCE	KEY_REPORTED_DIMENTION_UNIT
KEY_PICKUP_ADDRESS_POSTAL_CODE	KEY_TOTAL_WEIGHT
KEY_PICKUP_ADDRESS_COUNTRY	KEY_LENGTH
KEY_PICKUP_ADDRESS_ATTENTION	KEY_WIDTH
KEY_PICKUP_ADDRESS_PHONE	KEY_HEIGHT
KEY_PICKUP_ADDRESS_EXTENTION	KEY_XC
KEY_PICKUP_ADDRESS_RESIDENTIAL	KEY_TOTAL_DV
KEY_PICKUP_ADDRESS_EMAIL	KEY_REFERENCE
KEY_SEND_EMAIL_TO_PICKUP	KEY_ALTERNATIVE_REFERENCE
KEY_DELIVERY_ADDRESS_ID	KEY_COST_CENTRE
KEY_DELIVERY_ADDRESS_NAME	KEY_STORE_NUM
KEY_DELIVERY_ADDRESS_LINE_1	KEY_COD_TYPE
KEY_DELIVERY_ADDRESS_LINE_2	KEY_AMOUNT_1
KEY_DELIVERY_ADDRESS_LINE_3	KEY_POST_DATED_CHEQUE_1
KEY_DELIVERY_ADDRESS_CITY	KEY_AMOUNT_2
KEY_DELIVERY_ADDRESS_PROVINCE	KEY_POST_DATED_CHEQUE_2
KEY_DELIVERY_ADDRESS_POSTAL_CODE	KEY_AMOUNT_3
KEY_DELIVERY_ADDRESS_COUNTRY	KEY_POST_DATED_CHEQUE_3
KEY_DELIVERY_ADDRESS_ATTENTION	
KEY_DELIVERY_ADDRESS_PHONE	
KEY_DELIVERY_ADDRESS_EXTENTION	
KEY_DELIVERY_ADDRESS_RESIDENTIAL	
KEY_DELIVERY_ADDRESS_EMAIL	
KEY_SEND_EMAIL_TO_DELIVERY	
KEY_NSR	

## ISO 3166 Country, Province and State Designations

ISO 3166 is a standard published by the International Organization of Standardization which designates countries, provinces and states with a 2-letter abbreviation. Below are the ISO listings for countries, provinces and states that are utilized by CANSHIP Web Services.

\* Please note: It is the responsibility of the client to maintain an up-to-date listing of the ISO codes.

### Country Designations

AF	Afghanistan	CM	Cameroon	GA	Gabon
AX	Aland Islands (Finland)	CV	Cape Verde	GM	Gambia
AL	Albania	KY	Cayman Islands	GE	Georgia
DZ	Algeria	CF	Central African Republic	DE	Germany
AS	American Samoa	TD	Chad	GH	Ghana
AD	Andorra	CL	Chile	GI	Gibraltar
AO	Angola	CN	China, Peoples Republic of	GR	Greece
AI	Anguilla	CO	Colombia	GL	Greenland
AG	Antigua & Barbuda	KM	Comoros	GD	Grenada
AR	Argentina	CD	Congo, Democratic Republic of	GP	Guadeloupe
AM	Armenia	CG	Congo, Republic of	GU	Guam
AW	Aruba	CK	Cook Islands	GT	Guatemala
AU	Australia	CR	Costa Rica	GG	Guernsey
AT	Austria	HR	Croatia	GN	Guinea
AZ	Azerbaijan	CU	Cuba	GW	Guinea-Bissau
BS	Bahamas	CY	Cyprus	GY	Guyana
BH	Bahrain	CZ	Czech Republic	HT	Haiti
BD	Bangladesh	DK	Denmark	HN	Honduras
BB	Barbados	DJ	Djibouti	HK	Hong Kong
BY	Belarus	DM	Dominica	HU	Hungary
BE	Belgium	DO	Dominican Republic	IS	Iceland
BZ	Belize	TL	East Timor (Timor Leste)	IN	India
BJ	Benin	EC	Ecuador	ID	Indonesia
BM	Bermuda	EG	Egypt	IR	Iran
BT	Bhutan	SV	El Salvador	IQ	Iraq
BO	Bolivia	GQ	Equatorial	IE	Ireland, Republic of
BA	Bosnia	ER	Eritrea	IL	Israel
BW	Botswana	EE	Estonia	IT	Italy
BR	Brazil	ET	Ethiopia	CI	Ivory Coast
VG	British Virgin Islands	FO	Faeroe Islands	JM	Jamaica
BN	Brunei	FJ	Fiji	JP	Japan
BG	Bulgaria	FI	Finland	JE	Jersey
BF	Burkina Faso	FR	France	JO	Jordan
BI	Burundi	GF	French Guiana	KZ	Kazakhstan
KH	Cambodia	PF	French Polynesia	KE	Kenya

KI	Kiribati	AN	Netherlands Antilles	KN	St. Kitts-Nevis
KR	Korea, South	NC	New Caledonia	LC	St. Lucia
KW	Kuwait	NZ	New Zealand	MF	St. Martin (Guadeloupe)
KG	Kyrgyzstan	NI	Nicaragua	VC	St. Vincent and the Grenadines
LA	Laos	NE	Niger	SR	Suriname
LV	Latvia	NG	Nigeria	SZ	Swaziland
LB	Lebanon	MP	Northern Mariana Islands	SE	Sweden
LS	Lesotho	NO	Norway	CH	Switzerland
LR	Liberia	OM	Oman	SY	Syria
LY	Libya	PK	Pakistan	TW	Taiwan
LI	Liechtenstein (Switzerland)	PW	Palau	TJ	Tajikistan
LT	Lithuania	PA	Panama	TZ	Tanzania
LU	Luxembourg	PG	Papua New Guinea	TH	Thailand
MO	Macau	PY	Paraguay	TG	Togo
MK	Macedonia	PE	Peru	TO	Tonga
MG	Madagascar	PH	Philippines	TT	Trinidad and Tobago
MW	Malawi	PL	Poland	TN	Tunisia
MY	Malaysia	PT	Portugal	TR	Turkey
MV	Maldives	QA	Qatar	TM	Turkmenistan
ML	Mali	RO	Romania	TC	Turks and Caicos Islands
MT	Malta	RU	Russia	TV	Tuvalu
MH	Marshall Islands	RW	Rwanda	VI	U.S. Virgin Islands
MQ	Martinique	RE	Réunion	UG	Uganda
MR	Mauritania	WS	Samoa	UA	Ukraine
MU	Mauritius	SM	San Marino	AE	United Arab Emirates
YT	Mayotte	SA	Saudi Arabia	GB	United Kingdom
MX	Mexico	SN	Senegal	UY	Uruguay
FM	Micronesia, Federated States of	RS	Serbia	UZ	Uzbekistan
MD	Moldova, Republic of	SC	Seychelles	VU	Vanuatu
MC	Monaco	SL	Sierra Leone	VA	Vatican City
MN	Mongolia	SG	Singapore	VE	Venezuela
ME	Montenegro	SK	Slovak Republic	VN	Vietnam
MS	Montserrat	SI	Slovenia	WF	Wallis and Futuna Islands
MA	Morocco	SB	Solomon Islands	YE	Yemen
MZ	Mozambique	ZA	South Africa	ZM	Zambia
NA	Namibia	ES	Spain	ZW	Zimbabwe
NP	Nepal	LK	Sri Lanka		
NL	Netherlands (Holland)	BL	St. Barthélemy (Guadeloupe)		

## Province Designations

AB	Alberta	NS	Nova Scotia	QC	Quebec
BC	British Columbia	NT	Northwest Territories	SK	Saskatchewan
MB	Manitoba	NU	Nunavut	YT	Yukon Territories
NB	New Brunswick	ON	Ontario		
NL	Newfoundland	PE	Prince Edward Island		

## State Designations

AK	Alaska	LA	Louisiana	OK	Oklahoma
AL	Alabama	MA	Massachusetts	OR	Oregon
AR	Arkansas	MD	Maryland	PA	Pennsylvania
AZ	Arizona	ME	Maine	PR	Puerto Rico
CA	California	MI	Michigan	RI	Rhode Island
CO	Colorado	MN	Minnesota	SC	South Carolina
CT	Connecticut	MO	Missouri	SD	South Dakota
DC	Dist. Columbia	MS	Mississippi	TN	Tennessee
DE	Delaware	MT	Montana	TX	Texas
FL	Florida	NC	North Carolina	UT	Utah
GA	Georgia	ND	North Dakota	VA	Virginia
HI	Hawaii	NE	Nebraska	VT	Vermont
IA	Iowa	NH	New Hampshire	WA	Washington
ID	Idaho	NJ	New Jersey	WI	Wisconsin
IL	Illinois	NM	New Mexico	WV	West Virginia
IN	Indiana	NV	Nevada	WY	Wyoming
KS	Kansas	NY	New York		
KY	Kentucky	OH	Ohio		

