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# Trade Chain Partner Technical Working Group (TCP TWG) Consultation Session

**DRAFT – FOR DISCUSSION PURPOSES ONLY**

October 2, 2019

Canada

**CARM** | CBSA Assessment and  
Revenue Management

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# Teleconference Technical Guidelines

- Call in to the meeting by dialing the number provided in the invitation.
- Please mute your phone by pressing \*6
- To unmute your phone press \*7 and join the discussion, it is helpful for participants if you can identify yourself before speaking
- Once you are finished speaking, please re-mute your phone by pressing \*6
- To answer an incoming call, please hang up the line and call back into the meeting. Putting the call on hold may cause the group to hear background music or beeping.

# Agenda

Topic	Speaker	Timing
Technical Rules of Engagement	Kevin Horseman	2:00PM – 2:05PM
Opening Remarks	Kevin Horseman	2:05PM – 2:10PM
CARM 101	Kevin Horseman	2:10PM – 2:20PM
Technical Changes	Lee Chisholm / Jason Porteous	2:20AM – 3:30PM
Engagement Timelines	Kevin Horseman / Carola Daffner	3:30PM – 3:40PM
Roundtable and Conclusion	Kevin Horseman	3:40PM – 4:00PM



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# CBSA Assessment and Revenue Management (CARM) – General Project Overview

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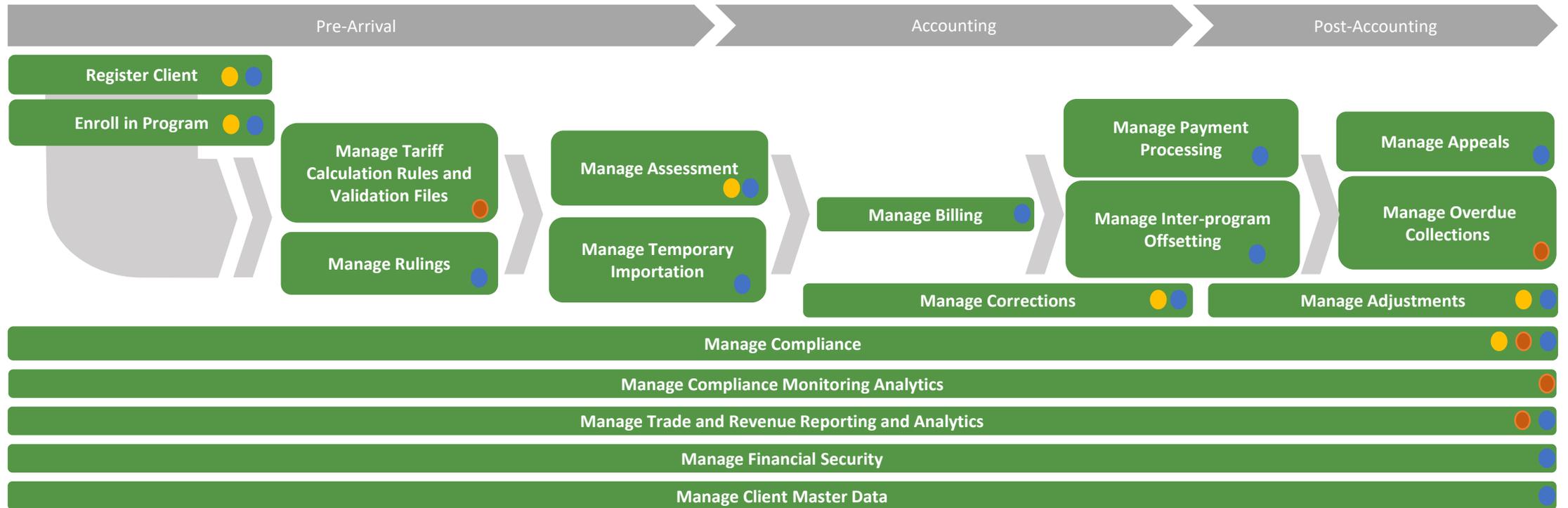
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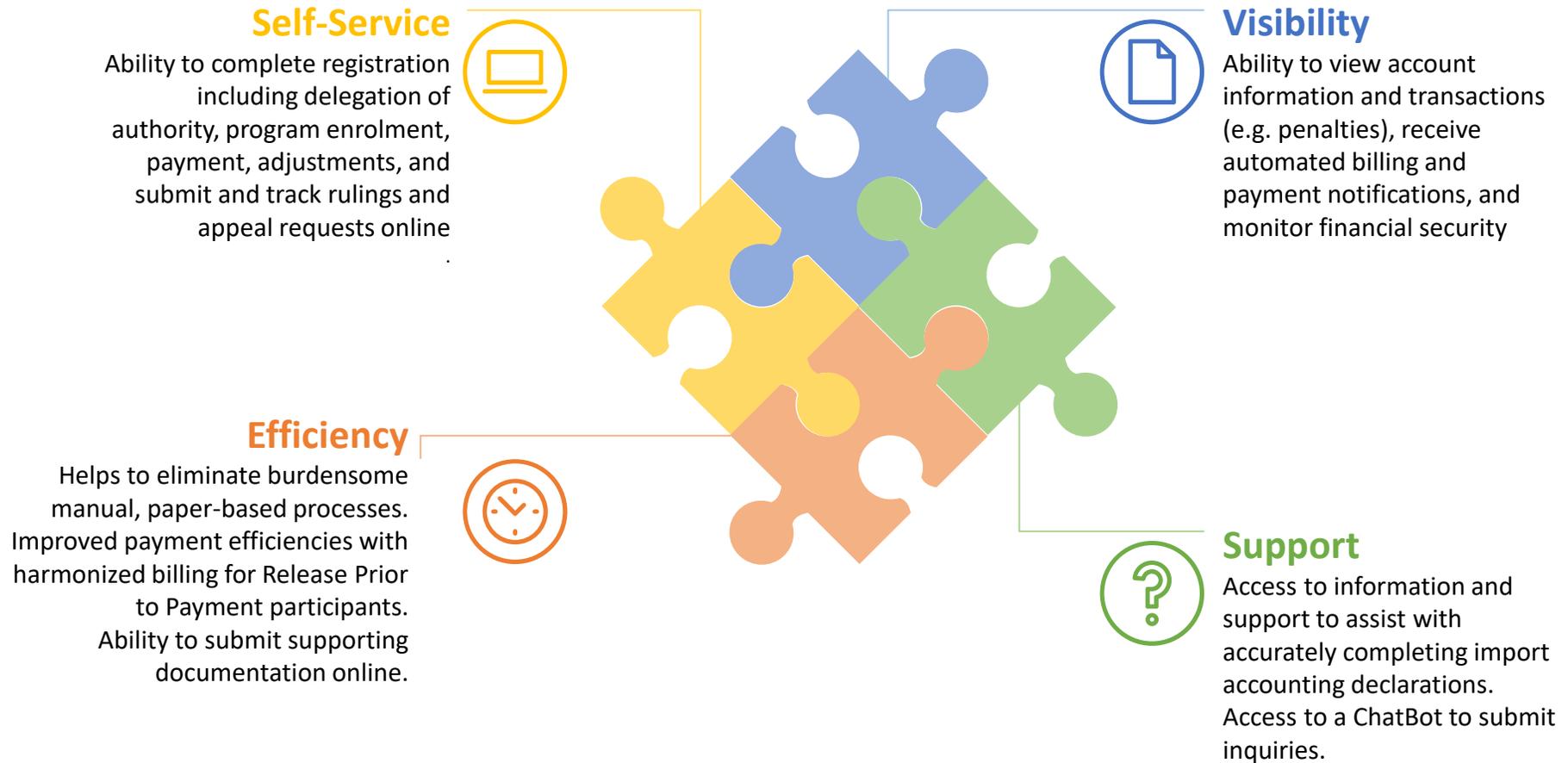
# CBSA Assessment and Revenue Management (CARM) Vision

The vision of CARM is to deliver a **globally-leading customs experience** that is **customer-centric**, facilitates legitimate trade, improves compliance and revenue collection, and contributes to securing the borders of Canada.

# The 18 core processes enabled by CARM will help the CBSA to realize the intended CARM benefits, thereby facilitating importation of commercial goods into Canada



# Benefits for Trade Chain Partners



# CARM will be delivered in a phased approach.



**Implementation Stage**  
(Build, Testing and Deployment targeted to begin)

Spring  
2020

## Release 0

Account Receivable Ledger (ARL) will be re-platformed to the SAP S/4 HANA environments



### Key Functionality

- ✓ Re-platform of ARL/RL solution onto SAP S/4 HANA database
- ✓ Implementation of the CARM Managed Services model

Fall  
2020

## Release 1

Basic portal functionality will be introduced



### Key Functionality

- ✓ CARM Client Portal is accessible only to clients with an RM account
- ✓ CARM Internal Portal
- ✓ Manage payment processing (online payments, pre-authorized debit, etc.)
- ✓ CBSA Commercial Client Portal with the HS classification tool
- ✓ Tariff data management
- ✓ Case management functionality for rulings
- ✓ Revenue reporting

Spring  
2021

## Release 2

Registration and enrolment will be available to all clients, as well as electronic declarations with versioning



### Key Functionality

- ✓ Register & enrolment of all CBSA clients
- ✓ New portal functionality and notifications
- ✓ Electronic declarations
- ✓ Digital versioning and mass editing capabilities
- ✓ Basic re-assessment risking
- ✓ Case management functionality for appeals, compliance and risks
- ✓ New offsetting options
- ✓ CBSA pre-collections options
- ✓ Central trade data reporting



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# CARM – Commercial Accounting Declaration (CAD) Message

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# CAD Submission Technical Change Overview



## HELLO XML GOODBYE B3 CADEX & EDIFACT

- New CAD by CAD message, using a single XML format, based on WCO data model
- Retirement of the current B3 CADEX/EDIFACT messages at go-live and both data models will not be supported



## NEW CAD DATA MODEL

- New CAD data model changes the way accounting data is submitted to the CBSA
- Supports Corrections and Adjustments submissions
- Sub-header concept is changing to be a commodity aggregation by vendor



## CBSA TO CALCULATE COMMERCIAL DUTIES & TAXES

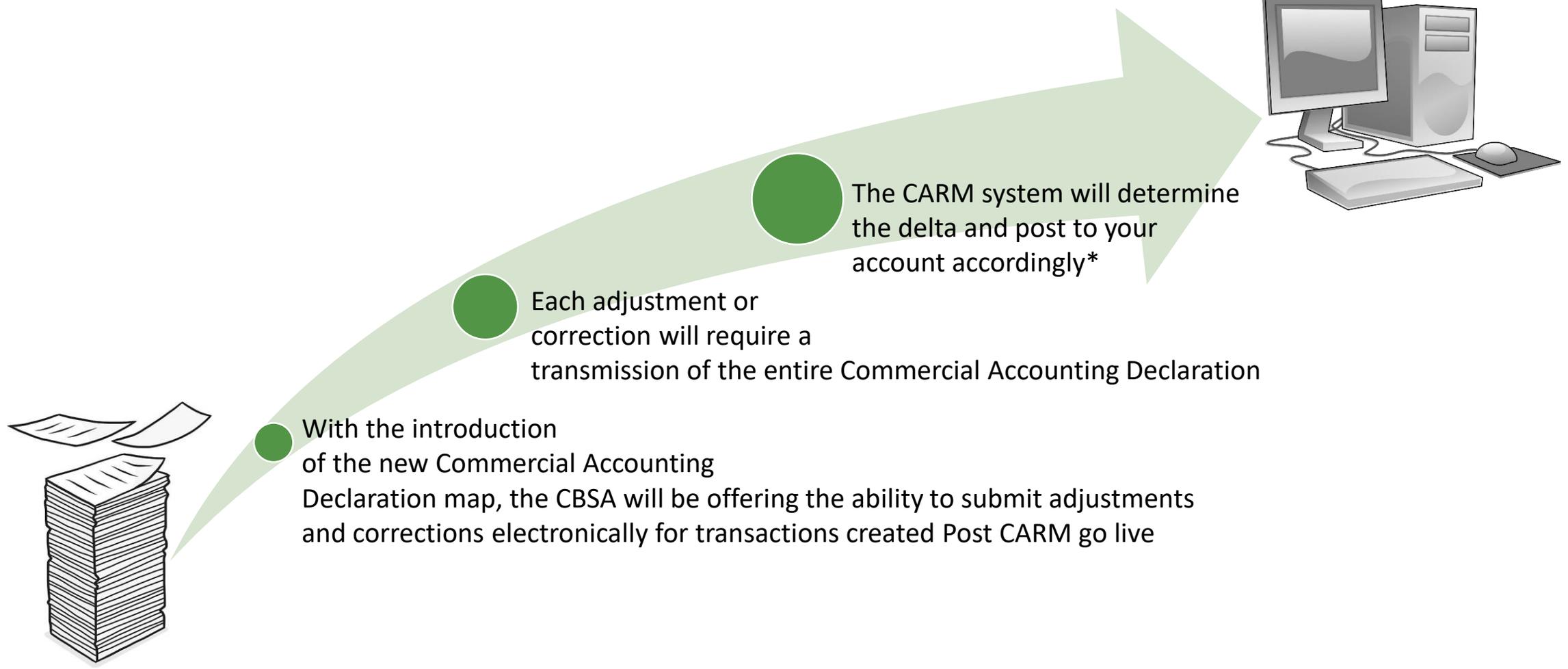
- Automated commercial Duty and Taxes calculations will be processed in CARM based on inputs provided by TCPs
- A post processing outbound message will include the entire CAD as received in CARM, including all calculation results
- Non-commercial goods in the commercial stream will continue to have the PST portion of their duties and taxes calculated and submitted to CARM by TCPs



## NEW FIELDS FOR GREATER CLARITY

- New fields have been added to support CBSA verification activities
- Many fields from the current B3 expanded upon and reducing single fields for multiple purposes

# CAD Adjustments and Corrections Technical Change Overview



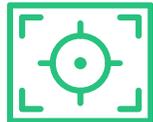
# CAD Submission: New CAD Data Model

## Technical Change Overview

The new CAD data model changes the way to submit accounting data to the CBSA with the concept of a sub-header is changing to be a commodity aggregation by vendor

### New CAD Data Model Highlights

- A new, WCO supported, Data Model to be introduced to support CBSA’s modern data requirements, calculations of commercial duties and taxes on behalf of TCP’s and electronic corrections/adjustments to declarations
- Commodity lines will now be aggregated by Vendor Information (Vendor Name and Address)
  - Multiple Purchasers, Invoices and Purchase Orders are able to be attached to each vendor
- Commonly changed sub-header fields will be moved down to the line item (i.e. Country of Origin, Tariff Treatment, Port of Exit and Date of Direct Shipment)
- Data Elements for Reason for Adjustment, Legislative Authority, and Adjustment Remarks have been included in the new model to support electronic corrections and adjustments



# CAD Submission: New Fields

## Technical Change Overview

The changes to the fields related to the CARM program will provide value to both the TCPs and the CBSA by increasing the accuracy of the CAD information and enabling new functionalities such as the calculation of taxes and duties

### Changes to Key Fields

- CBSA Case Number has been added to each line as a means to identify an adjustment in regards to a compliance verification case
- Cargo Control Number has been expanded from a single entry to have the ability to enter multiple CCNs
- PST will no longer use a dummy HS code to identify the province
  - Destination Province field added.
- New fields for Alcohol percentage, alcohol excise and tobacco excise will be added resulting in the elimination of split lines
- SIMA will be expanded upon with additional inputs to support the automatic calculation of amounts owed
- Special Authority will become Special Authority OIC, Permits and Remission
- Time Limit will be divided into two fields with a format change (Date From and Date To)



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# CARM – Technical Changes: Queries

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# API Query Transition - Release 1 & Release 2 Transition

## Technical Change Overview

Current State



### Today: TCP Submit Query/Request via EDI (CADEX/EDIFACT):

#### Tariff Data:

- Classification/Tariff Code (Record Types: QA, RA, GA, GB)
- GST Request (Record Types: FC, GC)
- Excise Tax Request (Record Types: FD, GD)

#### Exchange Rate Data:

- Exchange Rate (Record Types: QE, RE)

#### Entry/Release Data:

- Entry/Release Query (Record Types: QJ, RJ)
- Notification of Release Query (Record Type: QO)



### Today: CBSA Sends Automated Notification/Updates via EDI (CADEX/EDIFACT):

- Classification/Tariff Code (AA)
- GST (AC)
- Excise Tax (AD)
- Overdue Status Notification (AR)

Future State



### Future: TCP Initiates API Query

#### Tariff Data: (CARM Release 1)

- TCP can query Tariff data with Public API Service (Replaces Record Types: QA, RA, GA, GB, FC, GC, FD, GD, AA, AC, AD)

#### Exchange Rate Data: (CARM Release 2)

- TCP can query Exchange rate with Public API Service (Replaces Record Type: QE, RE)

#### Entry/Release Data: (CARM Release 2)

- TCP can query Entry/Release related info with authenticated API Service (Replaces Record Types: QJ, RJ, QO, AR)



### Future: Automated Updates transition to TCP-initiated API Queries

- CBSA will no longer send Automated Notifications/Updates for these records.
- API Query Services will support periodic queries based on key date, to identify any new changes since last execution
  - As with all open APIs, rate limiting and quotas will be associated with all API requests to manage throughput



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# Technical Working Group – Forward Planning

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# Forward Planning of Technical Sessions

The following outlines the high-level schedule for the coming months of technical sessions, including the expected topics that will be covered during these meetings.

		November		December	
		Build Phase			
Session Target		 <b>November (TBD)</b> November Session		 <b>December (TBD)</b> December Session	
Session Topics	Topic	Details		Topic	Details
	WCO Data Model Mapping	<ul style="list-style-type: none"> <li>Output from GEFEG with CBSA business rules and terms (include table with WCO unique ID mapping)</li> </ul>		Application & Testing Process	<ul style="list-style-type: none"> <li>Onboarding Process</li> <li>Contacts</li> <li>Test Package</li> </ul>
	Transmission Requirements	<ul style="list-style-type: none"> <li>Message functions</li> <li>Timeframes and Protocols For Transmission For the CAD</li> </ul>		Business Rules for Functions	<ul style="list-style-type: none"> <li>Low Value Shipment</li> <li>Warehouses</li> <li>CSA, With and Without Release</li> <li>Collection Of The Harmonized Sales Tax, The Provincial Sales Taxes, Provincial Tobacco Taxes And Alcohol Mark-Ups/Fees On Casual Importation</li> </ul>
	Inbound Messages: New Submissions	<ul style="list-style-type: none"> <li>Message Functions: New Submissions</li> <li>Sample Inbound Messages</li> </ul>			
	Inbound Messages: Adjustments	<ul style="list-style-type: none"> <li>Message Functions: Adjustments (Fairly Large)</li> <li>Sample Inbound Messages</li> </ul>			
	Inbound Messages: Cancel	<ul style="list-style-type: none"> <li>Message Functions: Cancel</li> <li>Sample Inbound Messages</li> </ul>			
	Outbound Messages & Error Handling	<ul style="list-style-type: none"> <li>Sample Outbound Messages</li> <li>Error Message Process</li> <li>Error Messages</li> </ul>			



Are there topics that are missing? Do some topics require a greater focus than others? What medium works best for engagement?

# Key Activities and Timings for CARM ECCRD



## Technical Engagement Sessions

November & December 2019

Working group sessions to solicit and facilitate feedback on various CARM ECCRD topics and content



## Call for Review

January 2020

A framework for a draft of ECCRD socialized to TCPs for a detailed review and feedback (only an English version will be provided)



## Final ECCRD

April 2020

The final version of the CARM ECCRD and API Design Documentation will be publicly released (Both English and French versions will be published)

**Ongoing CARM Program Design & Development Iteration**

# Additional questions?





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# Roundtable and Conclusion

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# Thank You!

## For more information:

- Visit the [CARM CBSA website](#)
- Email: [CBSA.CARM Engagement-Engagement de la GCRA.ASFC@cbsa-asfc.gc.ca](mailto:CBSA.CARM_Engagement-Engagement_de_la_GCRA.ASFC@cbsa-asfc.gc.ca)
- Follow CBSA social media accounts: Facebook (Canada Border Services Agency) and Twitter (@CanBorder)