CBP and Trade Automated Interface Requirements

Quota Query

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U.S. Customs and Border Protection

Quota Query

This chapter provides input and output EDI record formats, data elements, and processing information for ABI filers to query quota information in ACE.

The reader should be advised that this technical document is considered final. However, the document retains the DRAFT designation in the footer until such time that an official OPA (Office of Public Affairs) publication number has been assigned to the new "ACE ABI CATAIR" publication. For your information, subsequent revisions to this document will be controlled through the official CBP document amendment process.

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Table of Changes

Revision Number	Date of Change	Section(s) Affected	Brief Description of Change
1	April 30, 2015	All	Initial Draft

Quota Query - Introduction

This chapter is intended to provide the conventional trade interface information for the ACE Quota Query. Therefore, this document should be used as the only implementation guide when programming the data elements required for this query.

An Automated Commercial Environment (ACE) Automated Broker Interface (ABI) filer has the capability to query quotas on-file in ACE. Queries may be made based on a specific country, tariff number, or textile category.

Input: Record Identifier Q1 is a mandatory input record that provides the query criteria to access ACE quota data.

The application identifier on Record Identifier B is **QA**. For additional information on Record Identifier B, refer to the Application Control chapter of the ACE ABI CATAIR.

Output: Record Identifiers Q2, Q3, and Q4 are conditional output records provided in response to successful quota queries and provide data related to the query request. These records may be repeated to provide data on all quota which meet the query criteria.

Record Identifier Q5 is a conditional output record provided in response to an unsuccessful quota query and provides the error related to the query request. Each input Q1 query record that has an error will generate one Q5 output record with an error number and error description.

The application identifier on Record Identifier B is **QB**. For additional information on Record Identifier B, refer to the Application Control chapter of the ACE ABI CATAIR.

Record Layout Key: A new description of the contents of each column of the record layouts has been developed for ACE. Please refer to ACE ABI CATAIR Appendix Q for a description of this new record layout key. The record layout key is copied in this document on pages QA-5 through QA-6 for ease of reference.

Record Layout Key

The following key describes the columns of the record layout definitions that follow.

Data Element:
 Contains the name of the reported data field.

Length:
 Indicates the maximum, allowed length of the reported data element.

Class:
 Defines the domain of values accepted for the data element. The class definition represents the accepted domain to be used in **all** filing scenarios. Class codes are as follows:

 S = Space ONLY.
 A = Alphabetic Data. Consists of characters A through Z (uppercase ONLY).
 N = Numeric Data Only. Consists of numerals 0 through 9.
 (S)N = Numeric Data Variation. May contain '**Numeric Data Only**' **or** may consist of one or more spaces followed by numerals 0 through 9. Must consist of at least one right justified numeral. This variation of numeric class may be used for amounts, rates, and counts (where specified).
 AN = Alphanumeric Data. Consists of characters A through Z (uppercase ONLY), numerals 0 through 9, and space.
 D = Known Date. Consists of numerals 0 through 9 (format MMDDYY; month, day, year).
 X = Special Data. Consists of characters A through Z (uppercase ONLY), numerals 0 through 9, space, and any other character found on a standard keyboard. The following characters are accepted:

 ! @ # $ % ^ & * ( ) - _ = + [{] } \ | ; : ' " , < . > / ? ` ~

 Generally, the numeric data class is reserved for a data element used as an integer. It may also include a data element used as a sequencer (e.g., a line number).

 Generally, any identifier or code is classed as alphanumeric. Note that this would include an identifier or code that may be required to be reported as all numerals.

Position:
 Indicates the beginning and ending position, respectively, of the reported data element within the 80-character record.

Designation:

   Indicates the reporting requirement as follows:

   M = Mandatory. A value conforming to the listed class is required in all filing scenarios.
   C = Conditional. A value conforming to the listed class may or may not be required for a
      particular filing scenario. The usage notes will describe the specific cases in which the
      data element is required or not allowed to be reported.
   O = Optional. A value conforming to the listed class will be conditionally accepted if
      provided. An optional data element may be subject to validation, however.

Description:

   Defines the data element and provides a further description of how it is to be reported. May
   include a list of acceptable values, an exception or further specification of the data class,
   and/or various rules regarding format, justification, and truncation.

Note:

   Points to a further discussion regarding the reporting of the particular data element.

Input Record Structure Map

This section illustrates how the automated interface expects repeating groups to be structured within a QA transaction grouping. The transaction records described in this chapter must be preceded by the Batch and Block Control Header (A and B) records and followed by the Batch and Block Control Trailer (Y and Z) records as described in the ACE CATAIR Batch and Block Control chapter. Additional notes are provided for clarification on looping structures.

Record Structure Map for QA submissions to request Quota information on-file with US CBP in ACE:
(**Please Note:** *There is a limit of 99 Quota Query requests that can be made at a time in a single Block Control envelope (B-, Y-Record). This design helps to limit the amount of output information generated and the overall size of the QB response.*

Record ID	Name	Req. Des.	Max Use	Loop Repeat	Notes				
	Block Control Grouping	M		1					
	Transaction Control Headers (A,B)	M							
	Quota Query Grouping	M		99					
Q1	Quota Query Request information	M	1						
	Transaction Control Trailers (Y,Z)	M							

Designation: M = Reporting Mandatory; C = Reporting Conditional; O = Reporting Optional

Output Record Structure Map

This section illustrates how the automated interface structures repeating groups within a Quota Query response (QB) transaction.

Record Structure Map for QB responses to the Quota Query:
(***Please Note:*** *For each Q1 query record, there will be either Quota Query Results Groupings (Q2/Q3/Q4) or a Quota Query Error Q5 grouping. There are no cases where it will include both per Q1.***)**

Record ID	Name	Req. Des.	Max Use	Loop Repeat	Notes
	Block Control Grouping	M		1	
	Transaction Control Headers (A,B)	M			
	Quota Query Grouping	M		>1	
	Quota Query Results Grouping	C		>1	
Q2	Quota information	M	1		
Q3	Additional Quota information	M	1		
Q4	Additional Quota information	M	1		
	Quota Query Error Grouping	C		1	
Q5	Error Message	M	1		
	Transaction Control Trailers (Y,Z)	M			

Designation: M = Reporting Mandatory; C = Reporting Conditional; O = Reporting Optional

Quota Query Record Layouts

Record Identifier Q1 (Input)
Quota Request Record

This is a mandatory input record that requests quota data on a specific country, tariff number or textile category number. Each query request requires at least one Q1 record.

Record Identifier Q1 (Input)					
Data Element	**Length/ Class**	**Position**	**Desig.**	**Description**	**Note**
Control Identifier	2AN	1-2	M	Must always equal Q1	
Quota Query ID Type Code	1AN	3	M	A code representing the type of quota query perform. Valid codes are: R = Tariff Number. X = Textile Category Number.	
Quota Query ID	10AN	4-13	M	Unique Transaction ID based on the Quota Query ID Type Code. If it is less than 10 positions, it is left justified. Do not include spaces, hyphens, slashes or other special characters. Valid formats are: Harmonized Tariff Number = 8- to 10-position code located in the *Harmonized Tariff Schedule of the United States Annotated* (HTS) representing the tariff number. Textile Category Number = 3-position number.	1
Second Tariff Number	10AN	14-23	O	An 8- to 10-position code located in the Harmonized Tariff Schedule of the United States Annotated (HTS) representing the second tariff number. *Required to be space filled when the Quota Query ID Type Code = X.*	1
Country of Origin	2X	24-25	M	A code representing the International Organization for Standardization (ISO) country code. A list of ISO country codes can be found in the <u>ACS</u> ABI CATAIR Appendix B.	

Record Identifier Q1 (Input)					
Data Element	**Length/ Class**	**Position**	**Desig.**	**Description**	**Note**
Filler	55S	26-80	M	Space fill.	

Note 1

Most quotas can be queried with one tariff number; however, some quotas require two tariff numbers. They are:

- Quota levels established in HTS Chapter 99 require the Chapter 99 tariff number in the first position and the specific HTS schedule 1-97 tariff number in the second position.

- Special Regime or Special Access Programs require the 9802008015 tariff number in the first position and the specific HTS schedule 1-94 tariff number in the second position.

Record Identifier Q2 (Output)
Quota Query Results Record

This is a conditional output record that provides quota data pertaining to the tariff number, textile category number, quota id, country of origin, quota limit, unit of measure, textile conversion factor, effective dates, quota period, and threshold quantity.

Record Identifier Q2 (Output)					
Data Element	**Length/ Class**	**Position**	**Desig.**	**Description**	**Note**
Control Identifier	2AN	1-2	M	Must always equal Q2.	
Quota Query ID Type Code	1AN	3	M	A code representing the type of quota query perform. Valid codes are: R = Tariff Number. X = Textile Category Number.	
Quota Query ID	10AN	4-13	M	Unique Transaction ID based on the Quota Query ID Type Code. If it is less than 10 positions, it is left justified. Do not include spaces, hyphens, slashes or other special characters. Valid formats are: Harmonized Tariff Number = 8- to 10-position code located in the Harmonized Tariff Schedule of the United States Annotated (HTS) representing the tariff number. Textile Category Number = 3-position number.	
Quota ID	15X	14-28	M	Reporting of textiles and wearing apparel is done by category. As several tariff schedule numbers are assigned the same category, a Quota ID has been constructed to identify the category	1
Country of Origin	2X	29-30	M	A code representing the International Organization for Standardization (ISO) country code. A list of ISO country codes can be found in the <u>ACS</u> ABI CATAIR Appendix B. A code of *99* is also valid and indicates all countries or an aggregate record for a number of countries.	

Record Identifier Q2 (Output)

Data Element	Length/ Class	Position	Desig.	Description	Note
Quota Limit	11N	31-41	C	A number representing the quota limit as it exists on the record being queried. Not all records have a quota limit. For those that do not have a quota limit, this data element will be space filled.	
Unit of Measure Code	3X	42-44	M	The unit of measure that must be reported. This unit is located in the *Harmonized Tariff Schedules of the United States Annotated* (HTS). A list of valid unit of measure codes can be found in the ACS ABI CATAIR Appendix C.	
Textile Conversion Factor	6N	45-50	C	A number listed in the Textile and Apparel Correlation that converts all units of measure. The Office of Textiles, Department of Commerce publishes this document. The format is *NNN.NNN* (N = numeric). Three decimal places are implied.	
Beginning Period Date	6D	51-56	M	A numeric date in MMDDYY (month, day, year) format representing the beginning period date for the quota.	
Ending Period Date	6D	57-62	M	A numeric date in MMDDYY (month, day, year) format representing the ending period date for the quota.	
Quota Period	6X	63-68	M	A code representing the quota period in a particular calendar year. The first two positions are the last two digits of the calendar year in which the quota ends. The last two positions are the quota period within the year beginning with *01*.	
Threshold Quantity	11N	69-79	M	The quota level that ceases automated release of the merchandise. Once this level is reached, transactions are processed manually. The quantity is established by a country usage profile and is triggered when a presentation of merchandise plus what has already entered, equals or exceeds the threshold. This "triggering" is called "going on hold".	

Record Identifier Q2 (Output)					
Data Element	**Length/ Class**	**Position**	**Desig.**	**Description**	**Note**
Filler	1S	80	M	Space filled.	

Note 1

Most quotas can be queried with one tariff number; however, some quotas require two tariff numbers. They are:

The Quota ID consists of a 9-position character code where:

Code	**Description**
XX	22 for cotton and/or man-made fiber, 33 for cotton, 44 for wool, 66 for manmade fiber, and 88 for silk blend or non-cotton vegetable fibers.
XXX	Category number.
XX	The part category. If there is no part category, the positions will be ## (blank). The part category may also be assigned as A# or AA (A = alpha).
XX	Reserved for CBP use.

For quota items that are not assigned a category number, the Quota ID will be the tariff number minus the first digit or some other CBP-assigned number.

Record Identifier Q3 (Output)
Additional Quota Query Results Record

This is a conditional output record that provides quota data pertaining to global indicator, period processing indicator, description, quota type, quantity to date, record number, and secondary tariff number**.**

Record Identifier Q3 (Output)					
Data Element	**Length/ Class**	**Position**	**Desig.**	**Description**	**Note**
Control Identifier	2AN	1-2	M	Must always equal Q3.	
Global Indicator	2X	3-4	C	A code of *99* if the queried tariff number is reported by more than one country; otherwise, space fill.	
Period Processing Indicator	6X	5-10	C	A code representing the period processing indicator. The first two positions of the code are: PD = Presentation Date ED = Export Date The second four positions of the code are: OPEN = Quota open POTF = Quota potentially filled FILL = Quota filled EXPD = Quota expired BAND = Banned (merchandise cannot be imported from the country) HOLD = Held EXCL = Excluded	
Description	40X	11-50	C	A narrative description of the quota item.	
Quota Type	3X	51-53	M	A code indicating the quota type. Valid Quota Type Codes are: TRQ - Tariff-Rate Quota TPL - Tariff Preference Quota ABS - Absolute Quota STA - Statistical Quota	
Quantity to Date	11N	54-64	M	The total amount to date charged against the quota.	
Record Number	4N	65-68	M	The Record Number is the ordinal number of the result record (eg...0001, 0002, 0003,	

				0004....).	
Second Tariff Number	10AN	69-78	C	An 8- to 10-position code located in the *Harmonized Tariff Schedule of the United States Annotated* (HTS) representing the second tariff number. This code is the same as that contained in Record Identifier Q1.	
Filler	2S	79-80	M	Space filled.	

Record Identifier Q4 (Output)

Additional Quota Query Results Record

This is a conditional output record that provides quota data pertaining to last quota transaction date, date of status, and time of status**.**

Data Element	Length/ Class	Position	Desig.	Description	Note
Control Identifier	2AN	1-2	M	Must always equal Q4.	
Last Quota Transaction Date	6D	3-8	M	The numeric date in MMDDYY (month, day, year) format representing the last quota transaction date. If there have been no transactions, spaces are returned.	
Date of Status	6D	9-14	M	A numeric date in MMDDYY (month, day, year) format representing the date the query was processed.	
Time of Status	4N	15-18	M	The time the query was processed in HHMM (hour and minute) military time format.	
Filler	62S	19-80	M	Space filled.	

Note: The first row of the table is headed *Record Identifier Q4 (Output)*.

Record Identifier Q5 (Output)
Quota Error Message Record

This is an output record that provides an error message when there is an issue with the Q1 quota query request.

Data Element	Length/ Class	Position	Desig.	Description	Note
Record Identifier Q5 (Output)					
Control Identifier	2AN	1-2	M	Must always equal Q5.	
Quota Query ID Type Code	1AN	3	M	A code representing the type of quota query perform. Valid codes are: R = Tariff Number. X = Textile Category Number.	
Quota Query ID	10AN	4-13	M	Unique Transaction ID based on the Quota Query ID Type Code. If it is less than 10 positions, it is left justified. Do not include spaces, hyphens, slashes or other special characters. Valid formats are: Harmonized Tariff Number = 8- to 10-position code located in the Harmonized Tariff Schedule of the United States Annotated (HTS) representing the tariff number. Textile Category Number = 3-position number.	
Country of Origin	2A	14-15	M	A code representing the International Organization for Standardization (ISO) country code. A list of ISO country codes can be found in the ACS ABI CATAIR Appendix B.	
Filler	2S	16-17	M	Space filled.	
Condition Code	3AN	18-20	M	A code identifying the narrative message.	1
Filler	2S	21-22	M	Space filled.	
Narrative Text	58X	23-80	M	Text description that corresponds to the Condition Code.	1

Note 1

The following conditions may arise.

Condition Code	Narrative Text
Q05	BANNED IMPORT
Q40	Q1 RECORD MISSING
Q41	Q1 RECORD COUNT EXCEEDED
Q42	BAD INPUT RECORD
Q43	INVALID QUERY TYPE CODE
Q44	INVALID CATEGORY NUMBER
Q45	INVALID TARIFF NUMBER
Q46	NOT USED WITH QUERY TYPE
Q47	INVALID COUNTRY CODE
Q48	FILLER NOT BLANK
Q49	NO QUOTA RECORDS FOR TARIFF
Q50	NO QUOTA FOR CATEGORY