Automated Commercial Environment (ACE)

Program Status and Portal Functionality

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ACE Business Office

U.S. Customs and Border Protection

June 5, 2014

U.S. Customs and Border Protection

AUTOMATED COMMERCIAL ENVIRONMENT/INTERNATIONAL TRADE DATA SYSTEM

U.S. SINGLE WINDOW FOR TRADE

INTERNATIONAL TRADE

- In FY2013, U.S. trade accounted for $2.4 trillion in imported goods and $1.6 trillion in exported goods

ACE / ITDS

- Executive Order establishes deadline of December 2016 for implementation
- ACE is the technology enabler through which Single Window processing will be achieved
- Key features to enable Single Window processing have been implemented

PARTNER GOVERNMENT AGENCIES

- 47 Partner Government Agencies
- Largely paper-based with multiple entry systems
- Nearly 200 forms required for imports and exports

Quicker data availability for Government - better identification of dangerous or prohibited shipments

Automated Agency interactions reduce paper, enable near-real time decision making by Government

Easier for industry to comply with government regulations

Reduced costs for Government and industry

Mandatory Dates for Transition to ACE

Date	Mandatory Requirement	Time Remaining
May 1, 2015	Mandatory use of ACE for electronic import and export manifest	11 months
November 1, 2015	Mandatory use of ACE for electronic Cargo Release and related Entry Summary filings	17 months
October 1, 2016	Mandatory use of ACE for all remaining portions of the CBP cargo process	28 months

High Level ACE Deployment Schedule

	DEPLOYMENT A	DEPLOYMENT B	DEPLOYMENT C	DEPLOYMENT D			DEPLOYMENT E	DEPLOYMENT F	DEPLOYMENT G
	November 2, 2013 Increments 1 and 2	January 4, 2014 Increment 3	Aug 7 - Nov 5, 2013 Increment 4	July 12, 2014	October 18, 2014 Increments 5, 6, & 7	January 3, 2015	July 4, 2015 Increments 8 & 9	January 2, 2016 Increments 10 & 11	July 2, 2016 Increment 12
PRE-ARRIVAL MANIFEST			• Vessel Management System (VMS)			• Air Import Manifest			
ARRIVAL CARGO RELEASE	• Air Processing › Corrections & Cancellations › In-Bonds › Partial Quantities › Split Shipments (Hold All & Immediate Delivery)	• Ocean/Rail Processing › Corrections & Cancellations › No In-Bonds › No Partials • Single Accept/Reject message • MEWS	• Air Processing › Certified from Entry Summary • Ocean/Rail Processing › In-Bonds › Partials › Certified from Entry Summary • Truck Processing › Corrections & Cancellations › No In-Bonds › No Partials	• Single CR filing to include ISF data	• Diversions	• Truck Processing › In-Bonds › Partial Quantities › Certified from Entry Summary • Ability to Query Entries via ABI • Redelivery • Non-ABI Entries	• Remaining ES Types • FTZ Admissions		
POST RELEASE ENTRY SUMMARY & ACCOUNTS	• System Validations: › Harbor Maintenance Fee › Classification • Single Accept/Reject message	• System Validations: › Simple Duty Calculations	• System Validations: › Complex Duty Calculations › Merchandise Processing Fee (MPF)	• System Validations: › Informal Entry Restrictions › Charges Restrictions › Taxes › Other Fees		• Statements • Electronic Bond Processing: › STB › Continuous Bonds • Exporter & Freight Forwarder Accounts • Remaining ES Types	• Lab Sample Records • Protest • Liquidation • RLF • Remaining ES Types	• Drawback	• System Validations: › Tariff Usage Restrictions › Licenses, permits, certificates
EXPORTS			• Commodity Processing › Support for Census and BIS Regulatory Filings		• Air Manifest	• Ocean/Rail Manifest	• Truck Manifest		
PGA INTEGRATION – Document Image System (DIS)	• APHIS • CDC • DCMA • EPA • FSIS • NMFS						• CPSC • FWS • TSA	• ATF • IRS	
PGA INTEGRATION – Interoperability Web Services (IWS)	• AMS • FSIS • CPSC • USCG			• AMS • NMFS • TTB	• NHTSA • FCC	• FDA	• FDA • FWS	• BLS • EIA • E&C, OTEXA • IRS	• FMC • USTR
PGA INTEGRATION – PGA Message Set	• EPA (ODS) • EPA (Vehicles & Engines) • FSIS		• NMFS		• APHIS Lacey Act • CDC (Human Blood) • FCC • FDA (Start) • NHTSA • EPA (Pesticides) • EPA (Vehicles & Engines)	• FDA	• AMS • APHIS (EAN) • FAS • FDA • FWS • TTB	• E&C (Steel Licensing) • USACE	• FDA
PGA INTEGRATION – Other Data Exchange Types		• Data: Census, NRC • APHIS (Streamlined Findings Input)	• BIS (Export Licensing Forms) • DDTC (Export Content)		• Portal Access: › FTZB • EPA (Exports, Hazmat) • AMS (Exports, Apples & Grapes)	• Data: MARAD, FAA, FHWA • AMS • APHIS (309) • ATF • DEA (Exports, Precursor and Controlled Chemical Shipments) • NMFS (Export Licensing Forms) • OFAC (Export Licensing Forms)	• Portal Access: (AD/CVD) • APHIS (EAN) • BTS • FWS (Export Licensing Forms) • PHMSA • DSCA (Export, Foreign Military Sales)	• BIS (Export Decrementation) • DDTC (Export Content)	• Data: A/LM, OFM, OES

MAY 1, 2015: MANDATED USE OF ACE FOR ALL ELECTRONIC MANIFEST FILINGS.

NOVEMBER 1, 2015: MANDATED USE OF ELECTRONIC CARGO RELEASE AND ASSOCIATED ENTRY SUMMARY.

OCTOBER 1, 2016: MANDATED USE OF ACE FOR ALL REMAINING ELECTRONIC PORTIONS OF THE CBP CARGO PROCESS.

U.S. Customs and Border Protection

Full schedule available at cbp.gov/ace

Getting Started is Easy

Mandatory dates are set

- Don't wait until the last minute!
- Be one step ahead of the game.
- Start benefiting from capabilities

To start using ACE:

Brokers, self-filers & carriers:

- Contact your software provider and inquire about their ability to file cargo release, entry summary and manifest transaction in ACE
- Contact your CBP Client Representative and express your interest in filing in ACE

Importers using a Broker or Carriers using a Service Center:

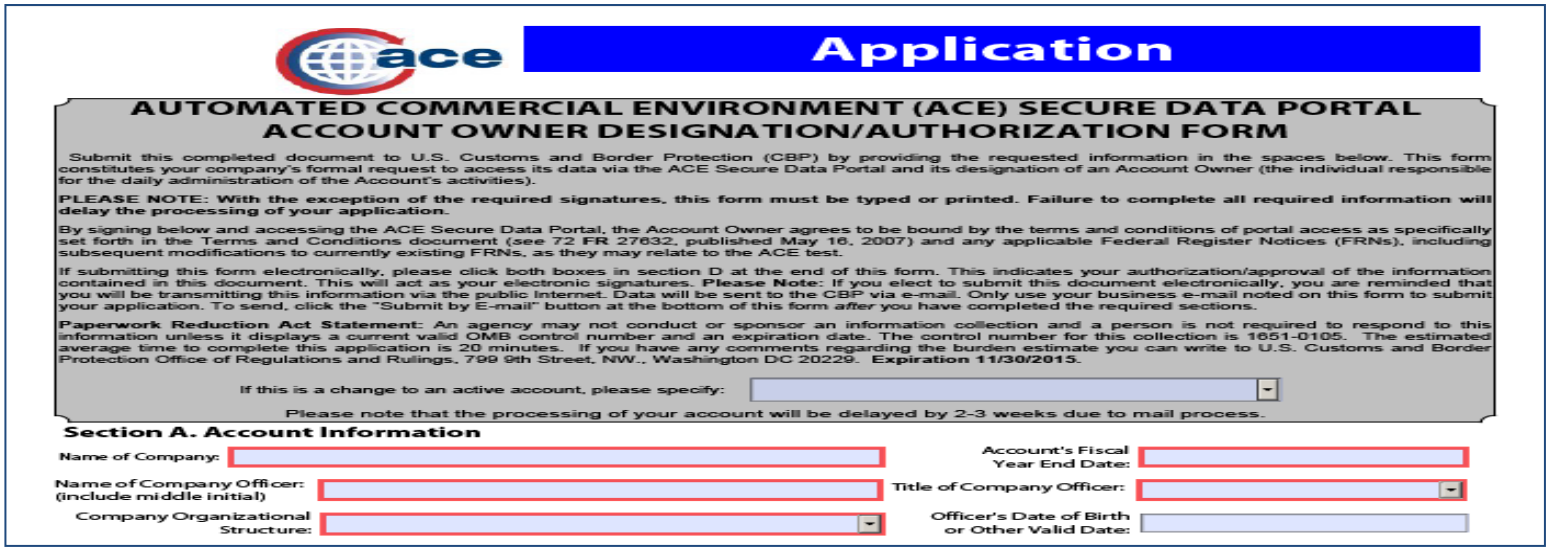
- Inquire about broker or service center ability to transmit to ACE

"I WANT TO…"	ACE VIA EDI INTERFACES	ACE PORTAL
Send Importer Security Filing Data *Only low volume through Portal (less than 12 per year)	✓	✓
File an Import Ocean or Rail Manifest	✓	
File an Import Truck Manifest	✓	✓
File an Entry	✓	
File an Entry Summary	✓	
File Export Commodity Data *Can also be filed using AESDirect	✓	
Run Reports		✓
Respond to CBP Forms 28, 29, 4647		✓
Create Blanket Declarations		✓
Submit Supporting Documentation	✓ DIS	✓ Upload Forms
Manage Account and Periodic Monthly Statement Information		✓
File Export Manifest and Import Air Manifest	*Coming in January 2015!*	

See cbp.gov/ace for more detailed information

U.S. Customs and Border Protection

ACE Secure Data Portal Application and Website



Application

AUTOMATED COMMERCIAL ENVIRONMENT (ACE) SECURE DATA PORTAL
ACCOUNT OWNER DESIGNATION/AUTHORIZATION FORM

Submit this completed document to U.S. Customs and Border Protection (CBP) by providing the requested information in the spaces below. This form constitutes your company's formal request to access its data via the ACE Secure Data Portal and its designation of an Account Owner (the individual responsible for the daily administration of the Account's activities).

PLEASE NOTE: With the exception of the required signatures, this form must be typed or printed. Failure to complete all required information will delay the processing of your application.

By signing below and accessing the ACE Secure Data Portal, the Account Owner agrees to be bound by the terms and conditions of portal access as specifically set forth in the Terms and Conditions document (see 72 FR 27632, published May 16, 2007) and any applicable Federal Register Notices (FRNs), including subsequent modifications to currently existing FRNs, as they may relate to the ACE test.

If submitting this form electronically, please click both boxes in section D at the end of this form. This indicates your authorization/approval of the information contained in this document. This will act as your electronic signatures. **Please Note:** If you elect to submit this document electronically, you are reminded that you will be transmitting this information via the public Internet. Data will be sent to the CBP via e-mail. Only use your business e-mail noted on this form to submit your application. To send, click the "Submit by E-mail" button at the bottom of this form *after* you have completed the required sections.

Paperwork Reduction Act Statement: An agency may not conduct or sponsor an information collection and a person is not required to respond to this information unless it displays a current valid OMB control number and an expiration date. The control number for this collection is 1651-0105. The estimated average time to complete this application is 20 minutes. If you have any comments regarding the burden estimate you can write to U.S. Customs and Border Protection Office of Regulations and Rulings, 799 9th Street, NW., Washington DC 20229. **Expiration 11/30/2015.**

If this is a change to an active account, please specify:

Please note that the processing of your account will be delayed by 2-3 weeks due to mail process.

Section A. Account Information

Name of Company:

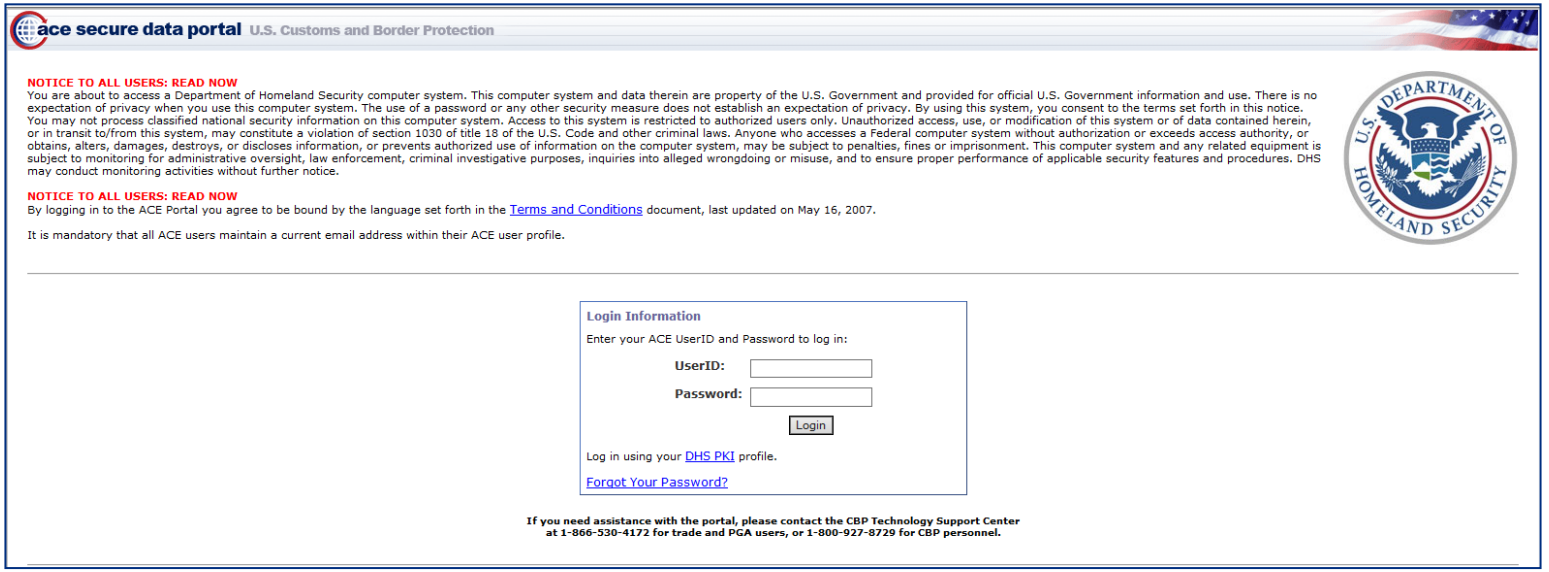
Account's Fiscal Year End Date:

Name of Company Officer: (include middle initial)

Title of Company Officer:

Company Organizational Structure:

Officer's Date of Birth or Other Valid Date:



ace secure data portal U.S. Customs and Border Protection

NOTICE TO ALL USERS: READ NOW

You are about to access a Department of Homeland Security computer system. This computer system and data therein are property of the U.S. Government and provided for official U.S. Government information and use. There is no expectation of privacy when you use this computer system. The use of a password or any other security measure does not establish an expectation of privacy. By using this system, you consent to the terms set forth in this notice. You may not process classified national security information on this computer system. Access to this system is restricted to authorized users only. Unauthorized access, use, or modification of this system or of data contained herein, or in transit to/from this system, may constitute a violation of section 1030 of title 18 of the U.S. Code and other criminal laws. Anyone who accesses a Federal computer system without authorization or exceeds access authority, or obtains, alters, damages, destroys, or discloses information, or prevents authorized use of information on the computer system, may be subject to penalties, fines or imprisonment. This computer system and any related equipment is subject to monitoring for administrative oversight, law enforcement, criminal investigative purposes, inquiries into alleged wrongdoing or misuse, and to ensure proper performance of applicable security features and procedures. DHS may conduct monitoring activities without further notice.

NOTICE TO ALL USERS: READ NOW

By logging in to the ACE Portal you agree to be bound by the language set forth in the Terms and Conditions document, last updated on May 16, 2007.

It is mandatory that all ACE users maintain a current email address within their ACE user profile.

Login Information

Enter your ACE UserID and Password to log in:

UserID:

Password:

Login

Log in using your DHS PKI profile.

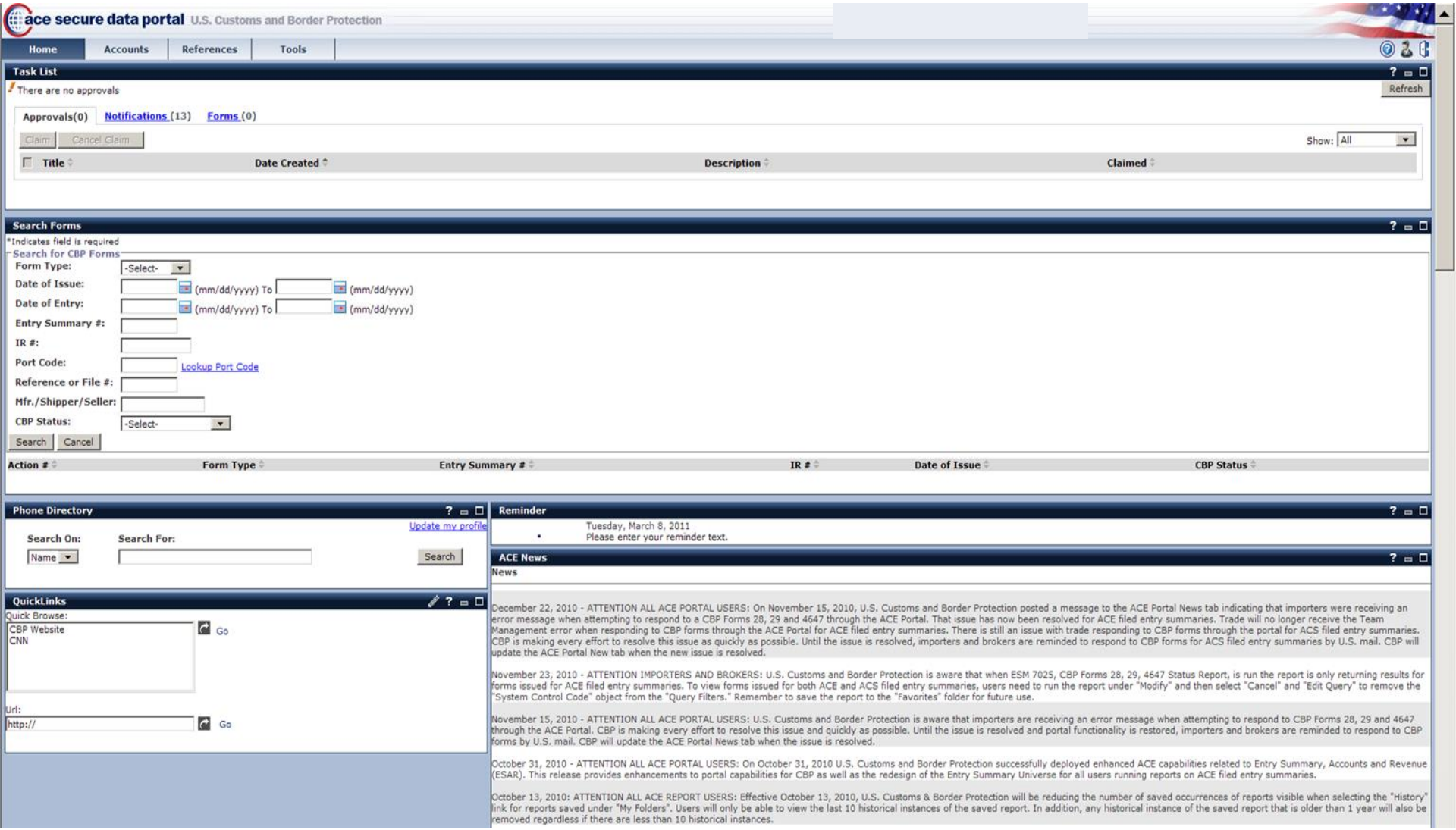
Forgot Your Password?

If you need assistance with the portal, please contact the CBP Technology Support Center at 1-866-530-4172 for trade and PGA users, or 1-800-927-8729 for CBP personnel.

U.S. Customs and Border Protection

https://ACE.CBP.DHS.GOV

ACE Secure Data Portal Home Tab

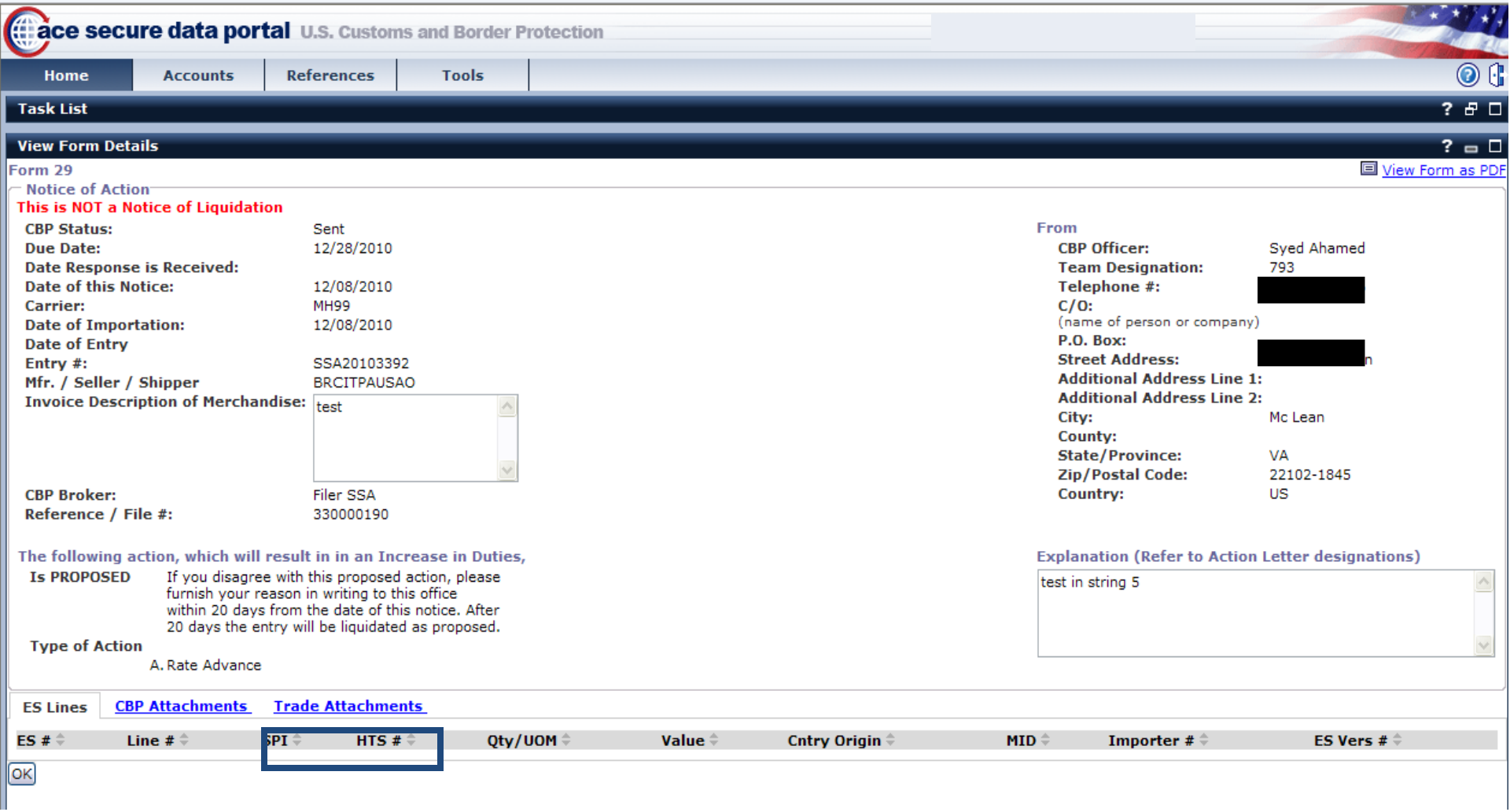


ACE Secure Data Portal
Entry Summary Forms

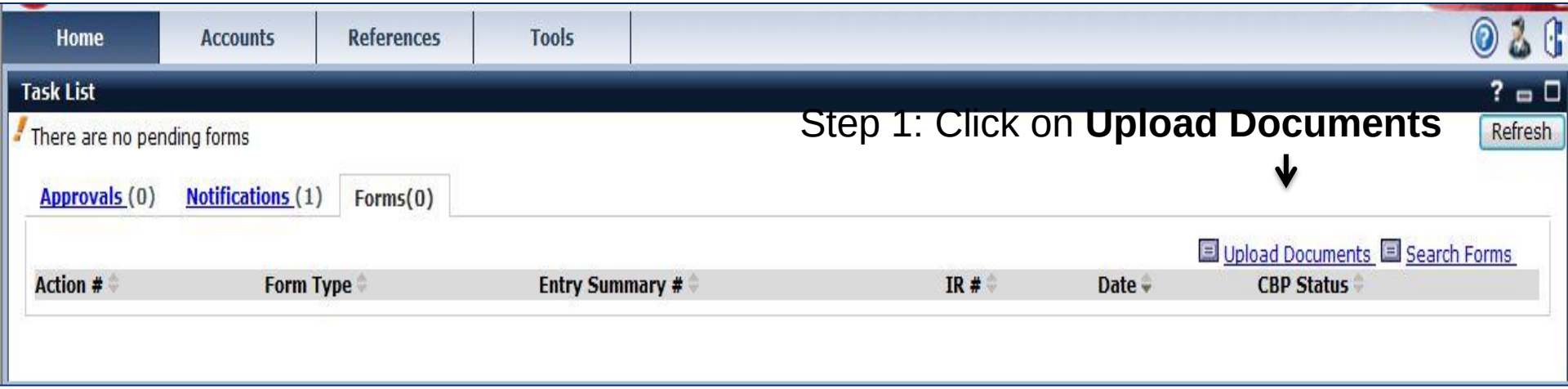
- Management of CBP Forms 28, 29, 4647
  - "Documents required" status messages received via ABI:
    - UC1 – Electronic invoice
    - UC2 – Entry summary package
    - UC3 – Other specific document

U.S. Customs and Border Protection

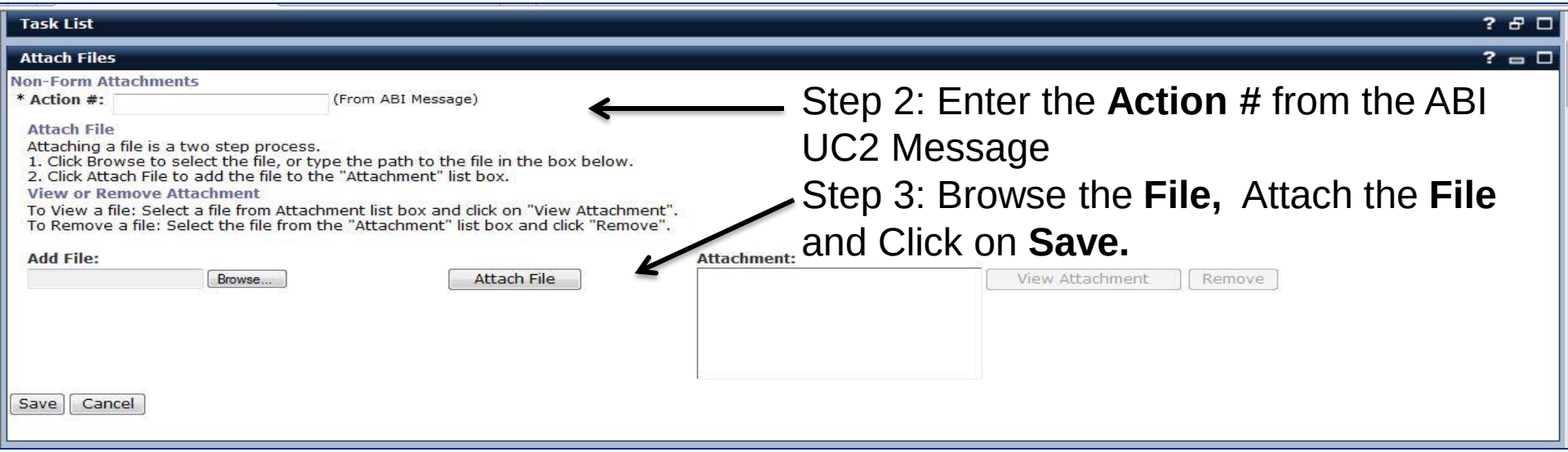
ACE Secure Data Portal
CBP Form 29



ACE Secure Data Portal
Uploading Documents



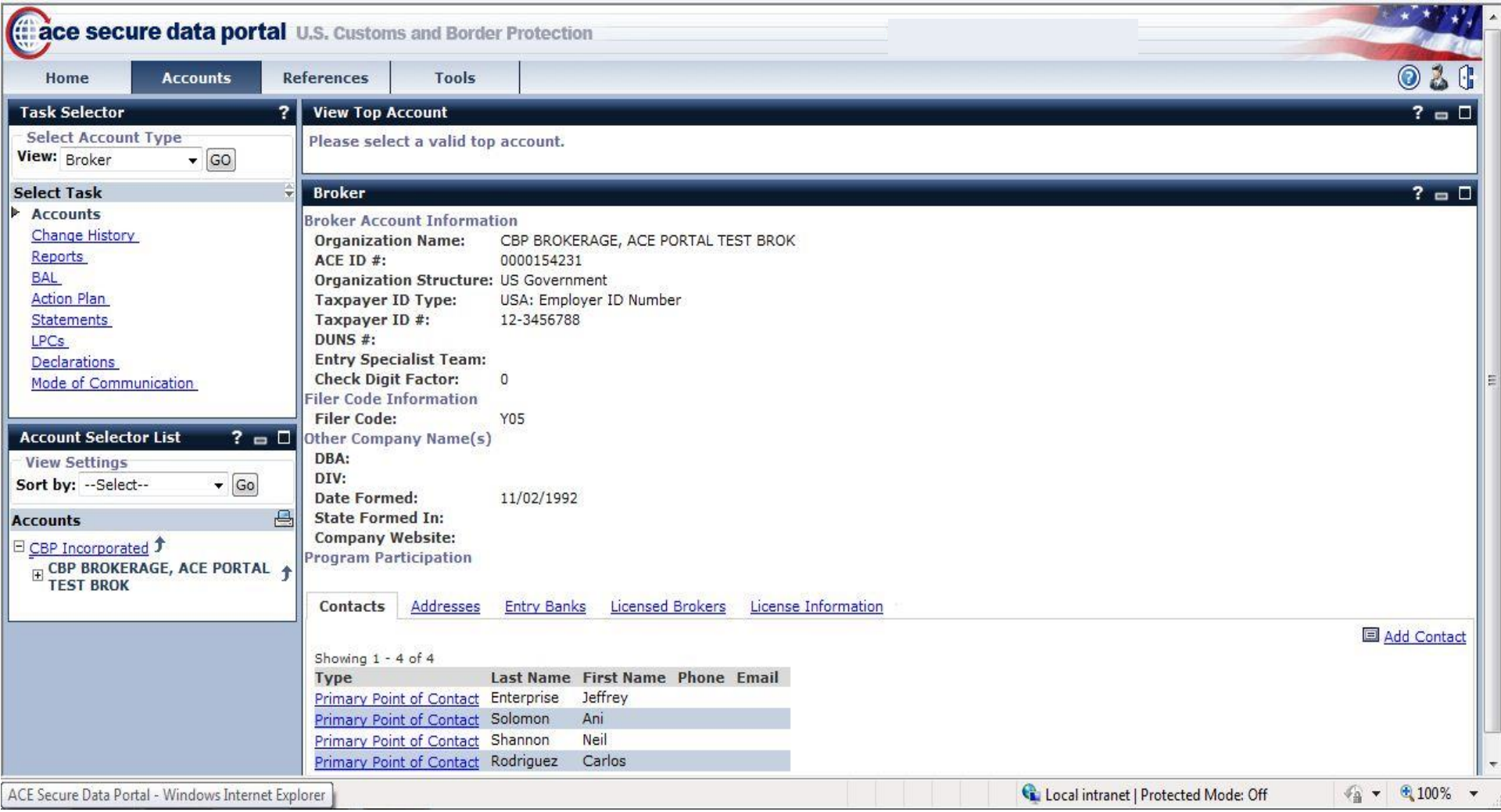
Step 1: Click on **Upload Documents**



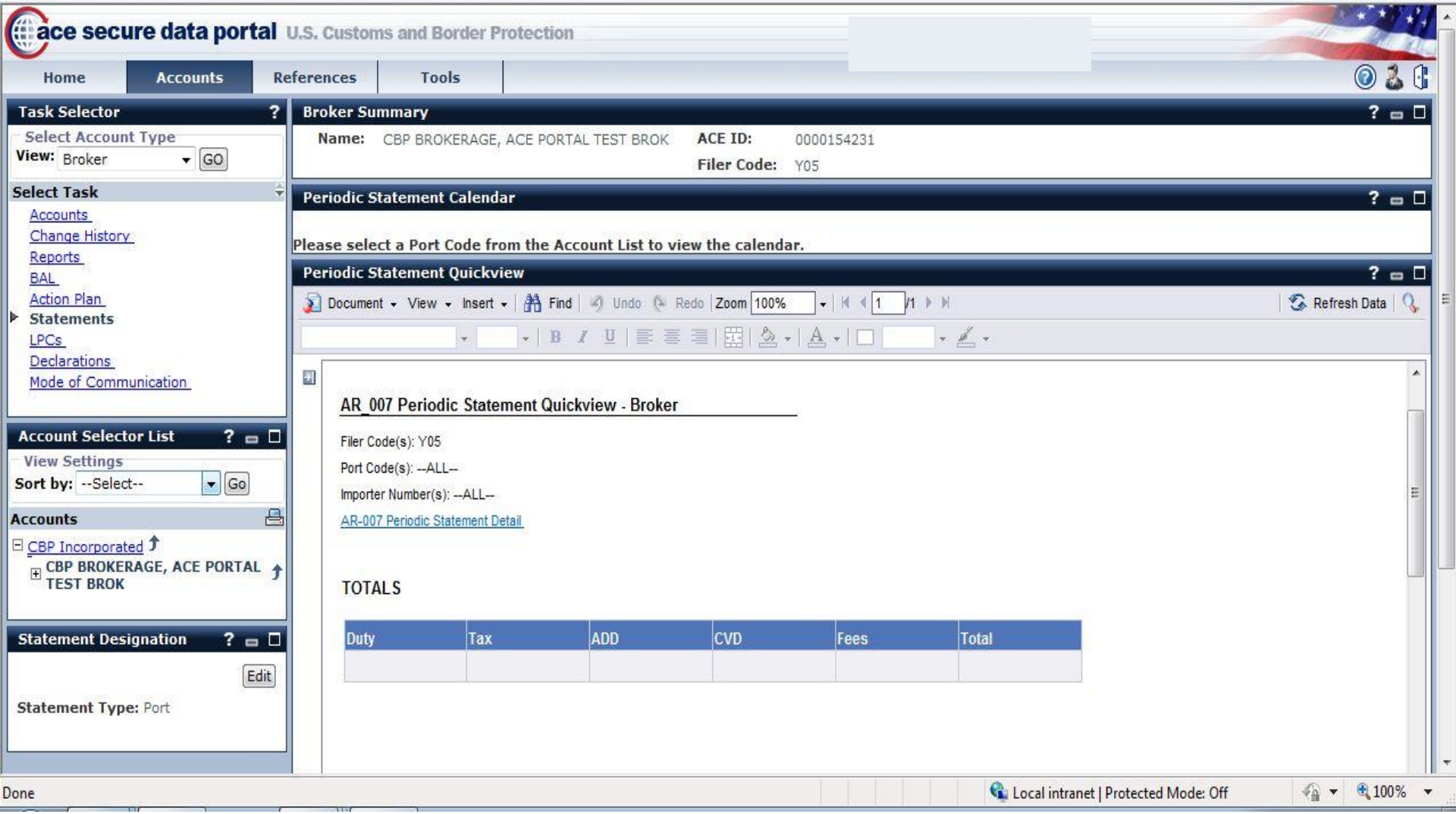
Step 2: Enter the **Action** # from the ABI UC2 Message

Step 3: Browse the **File,** Attach the **File** and Click on **Save.**

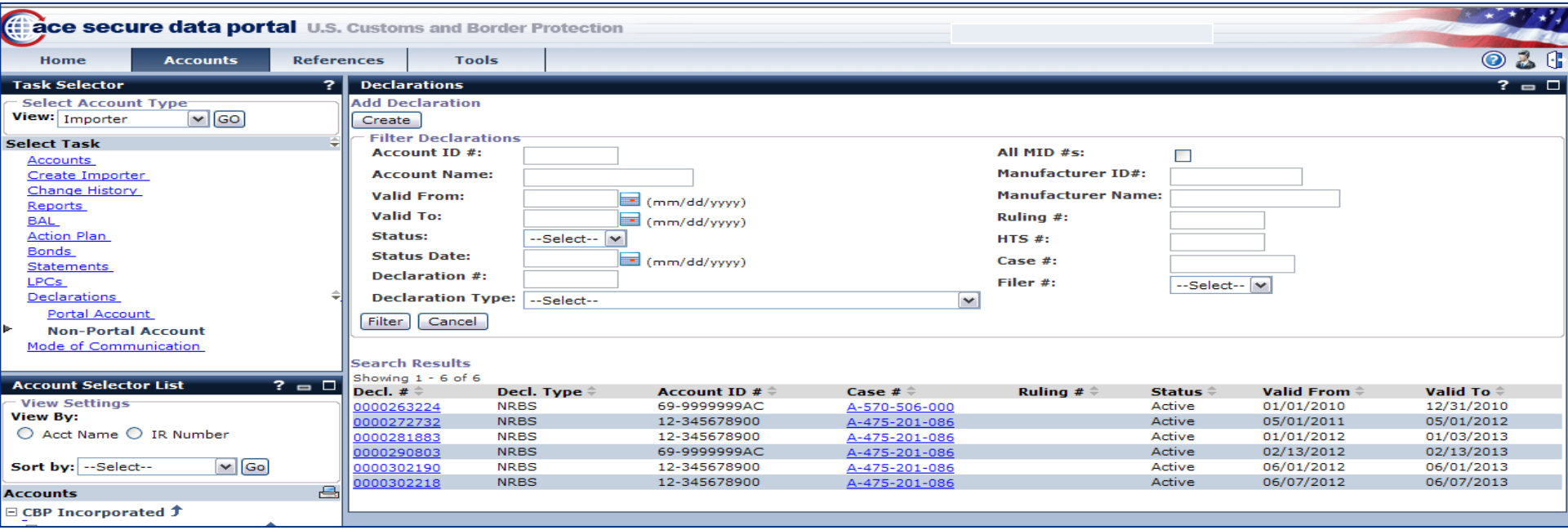
ACE Secure Data Portal
Accounts Tab



ACE Secure Data Portal Statements



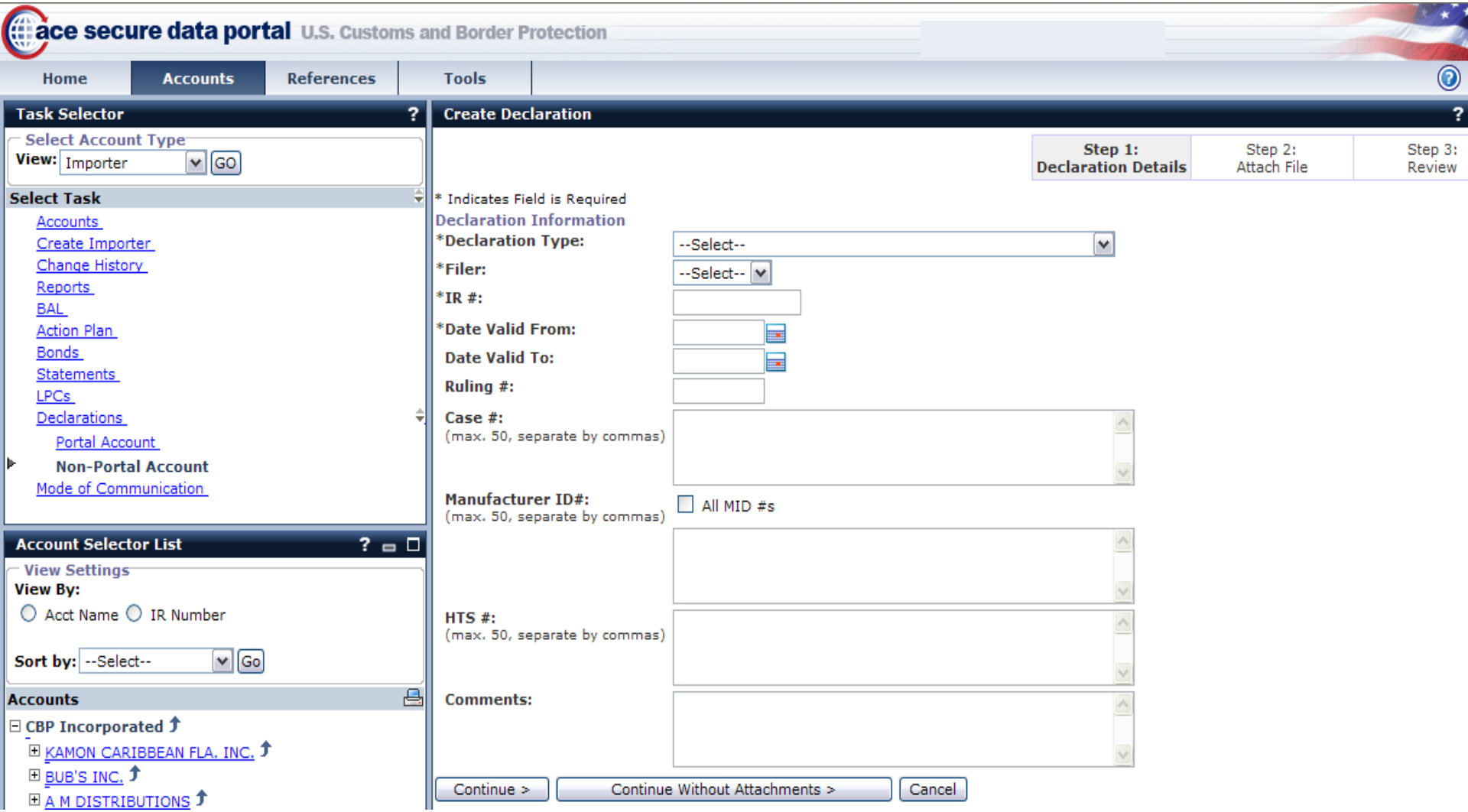
ACE Secure Data Portal - Blanket Declarations for ACE Entry Summary Filing



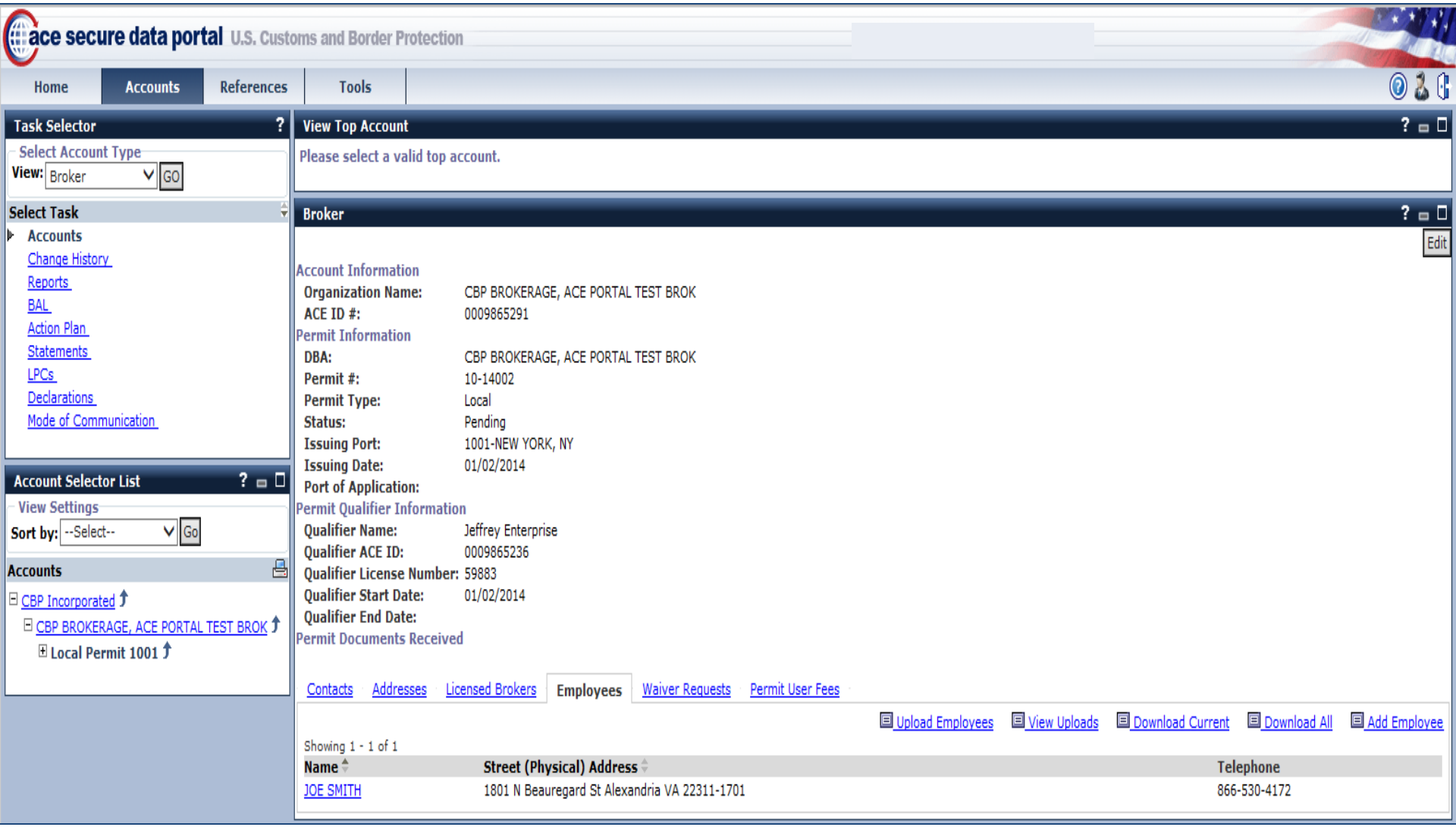
- Provide Nationwide CBP visibility to:
  - Affidavits of Manufacturer
  - Importer Certifying Statements
  - Non-Reimbursement Blanket Statements (Antidumping/Countervailing Duty)
  - North American Free Trade Agreement (NAFTA) Certificates of Origin

U.S. Customs and Border Protection

ACE Secure Data Portal
Create Declaration Record

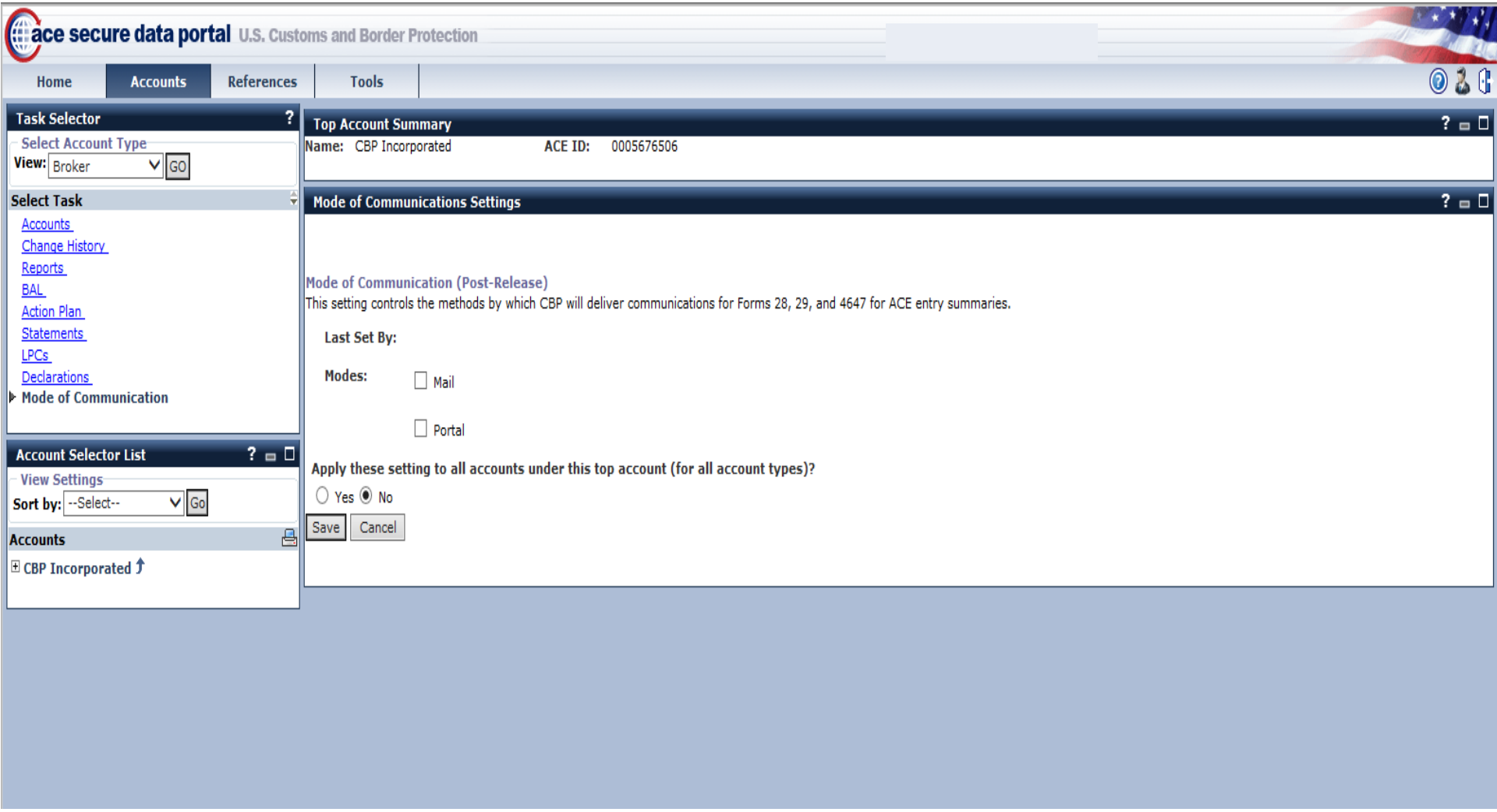


ACE Secure Data Portal
Broker Employee Data Upload

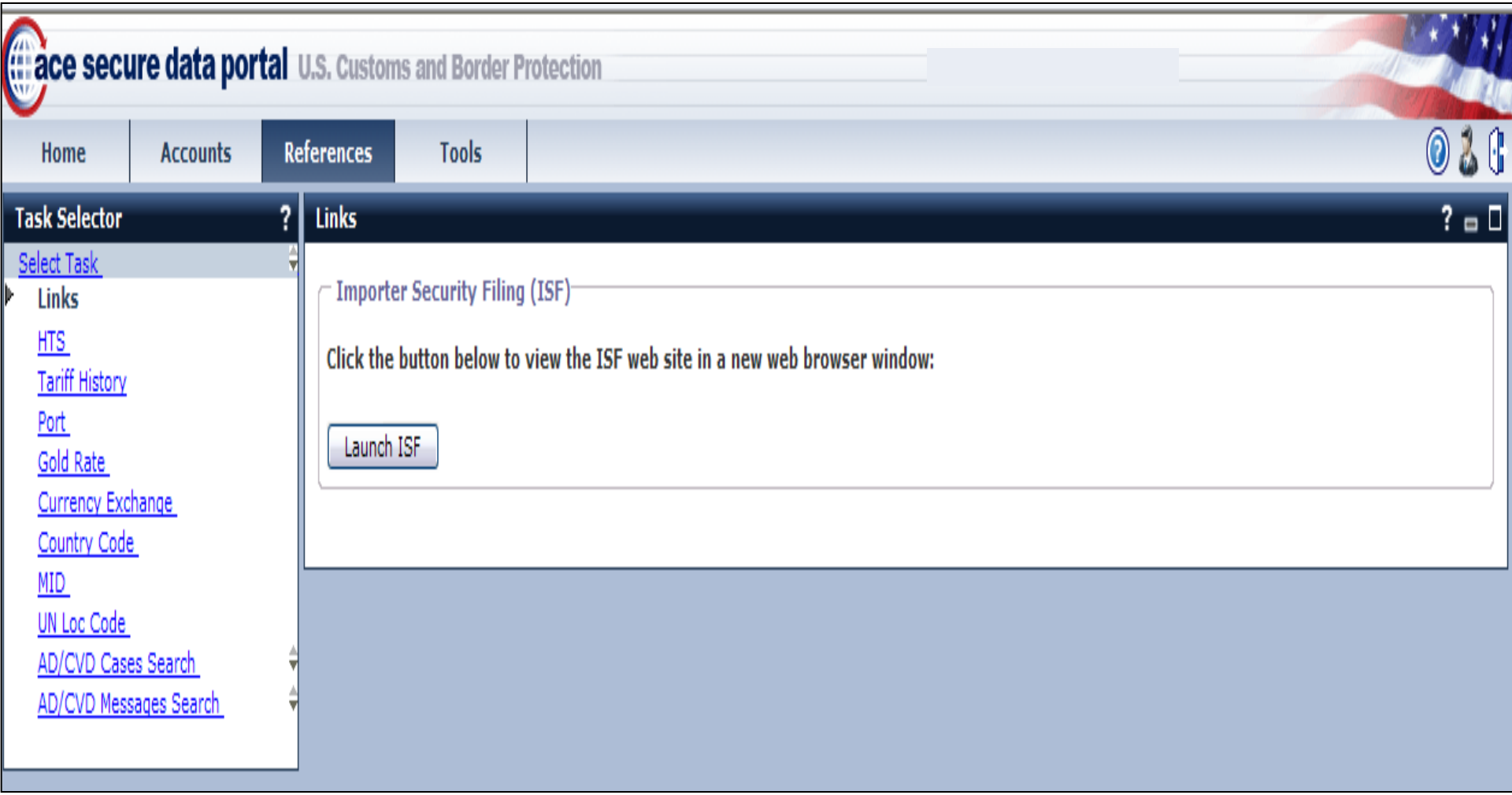


U.S. Customs and Border Protection

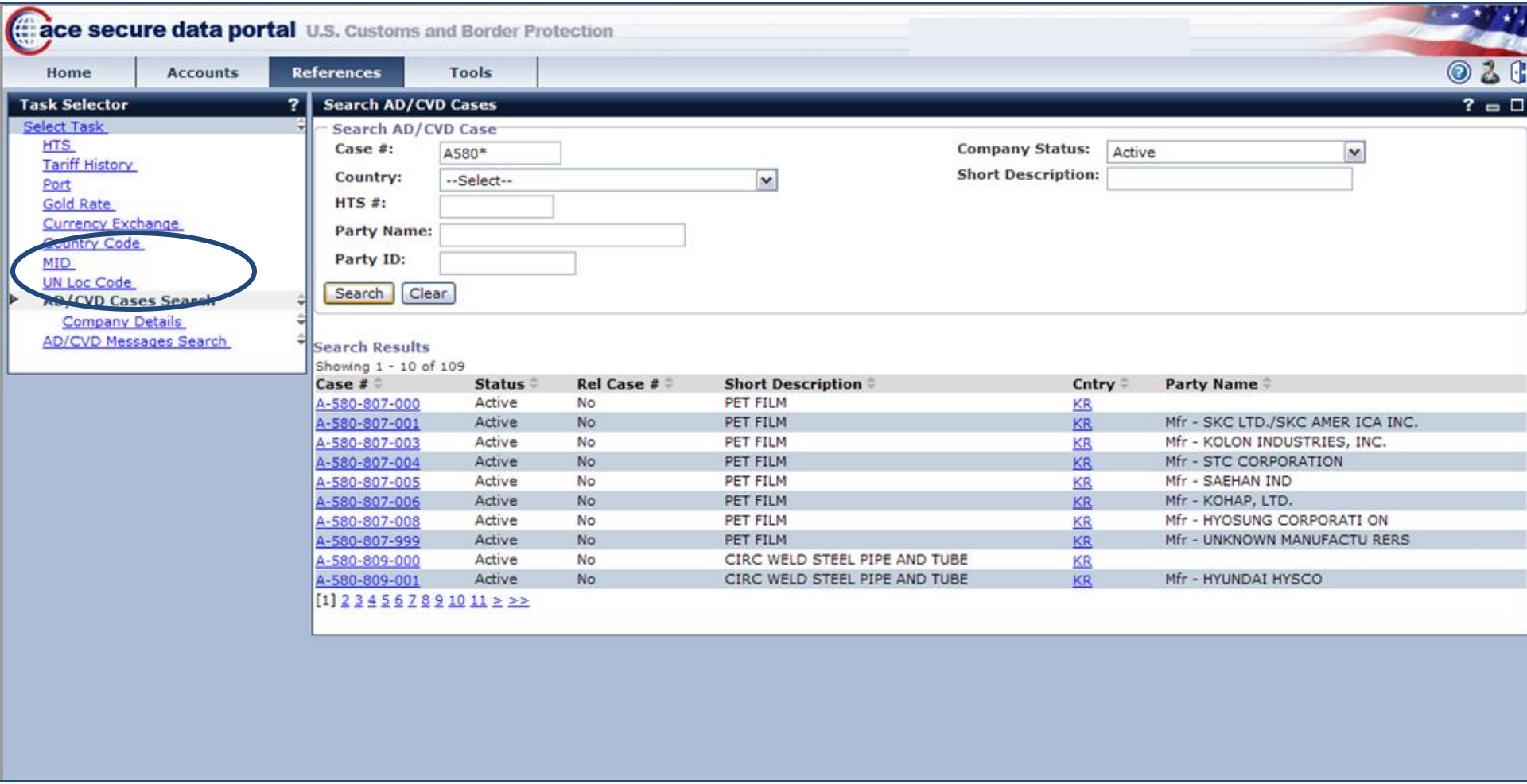
ACE Secure Data Portal
Mode of Communication



ACE Secure Data Portal
ISF Portal

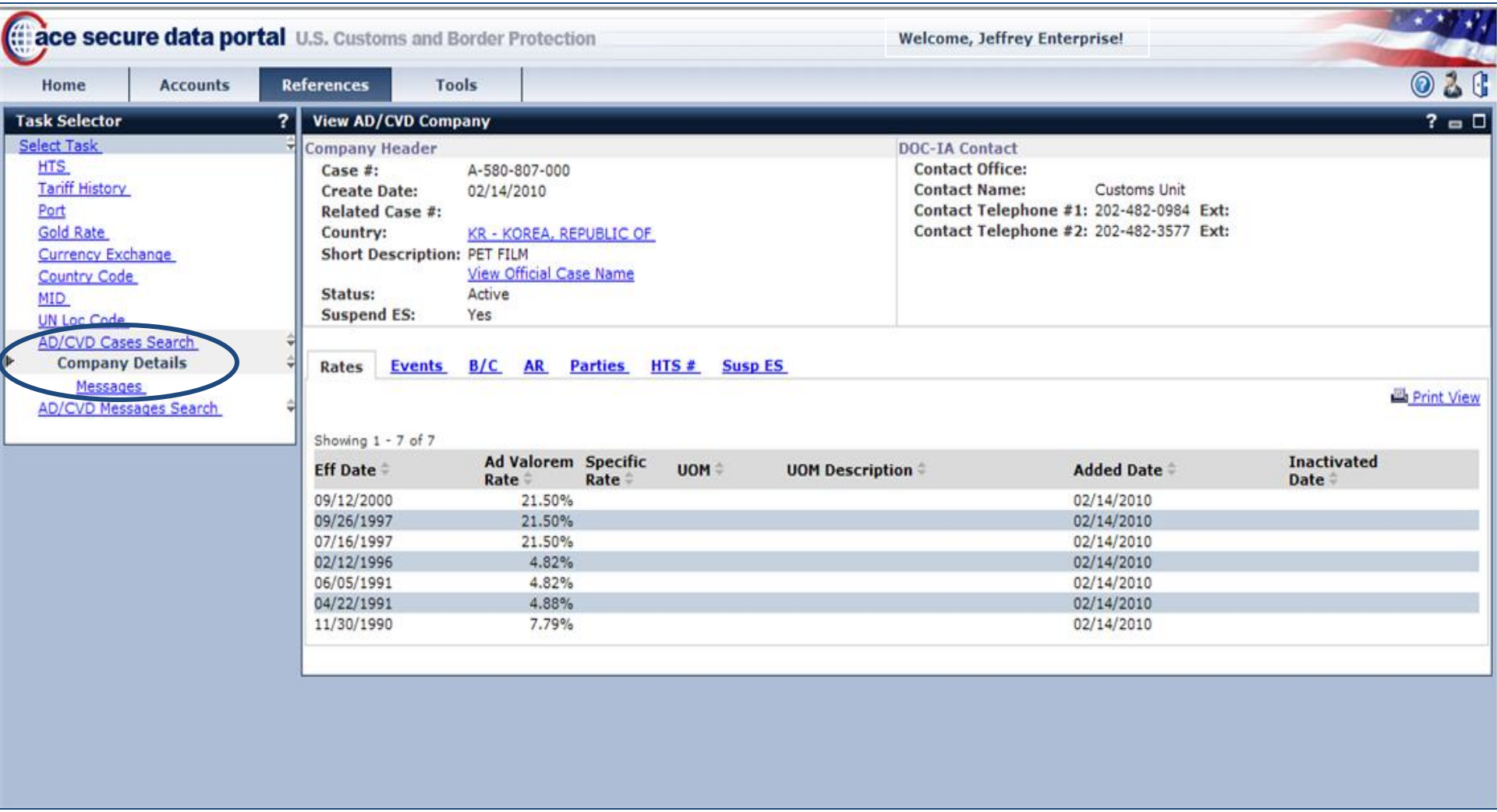


ACE Secure Data Portal
AD/CVD Case Search Results



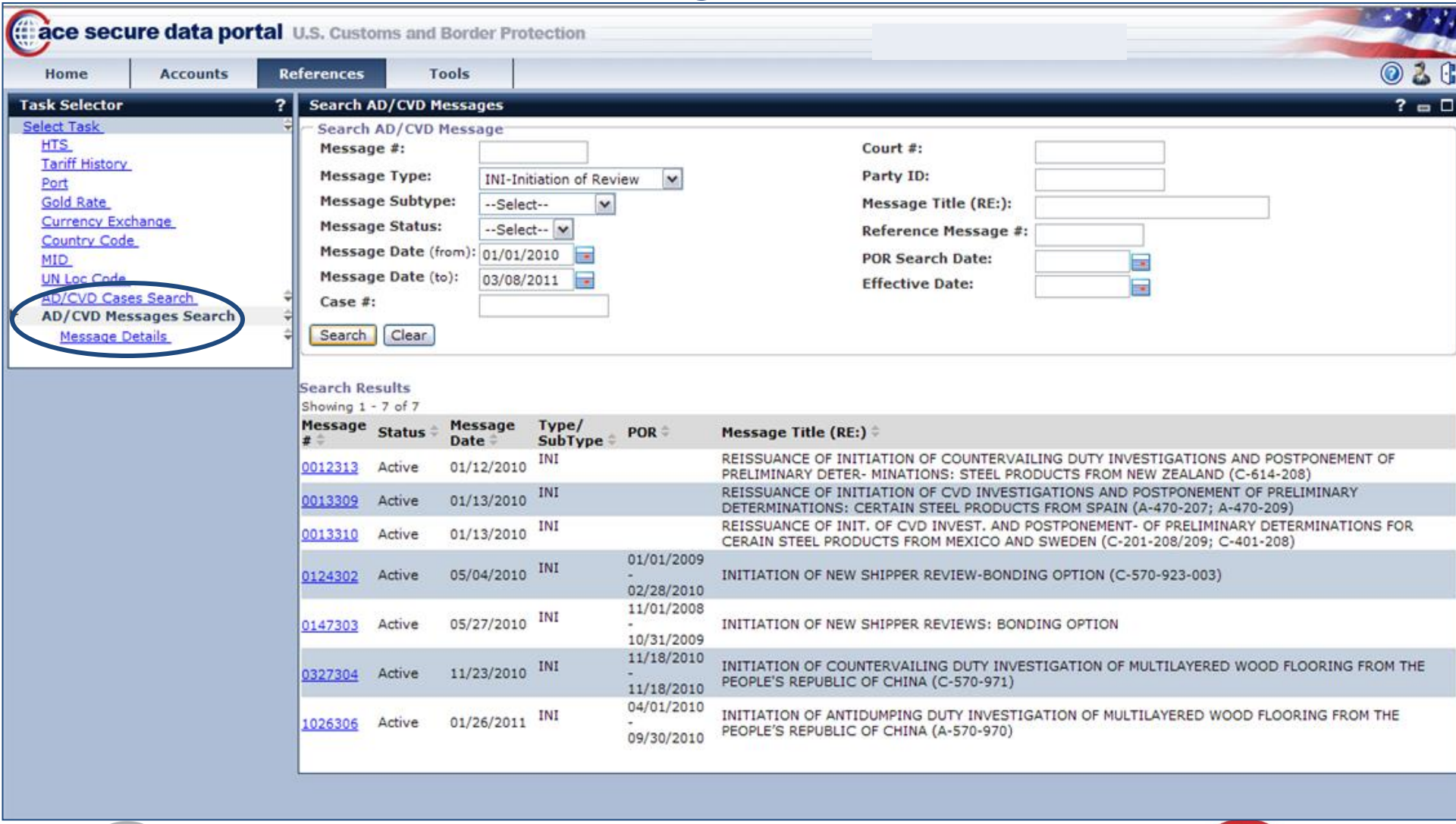
U.S. Customs and Border Protection

ACE Secure Data Portal
AD/CVD Case Information



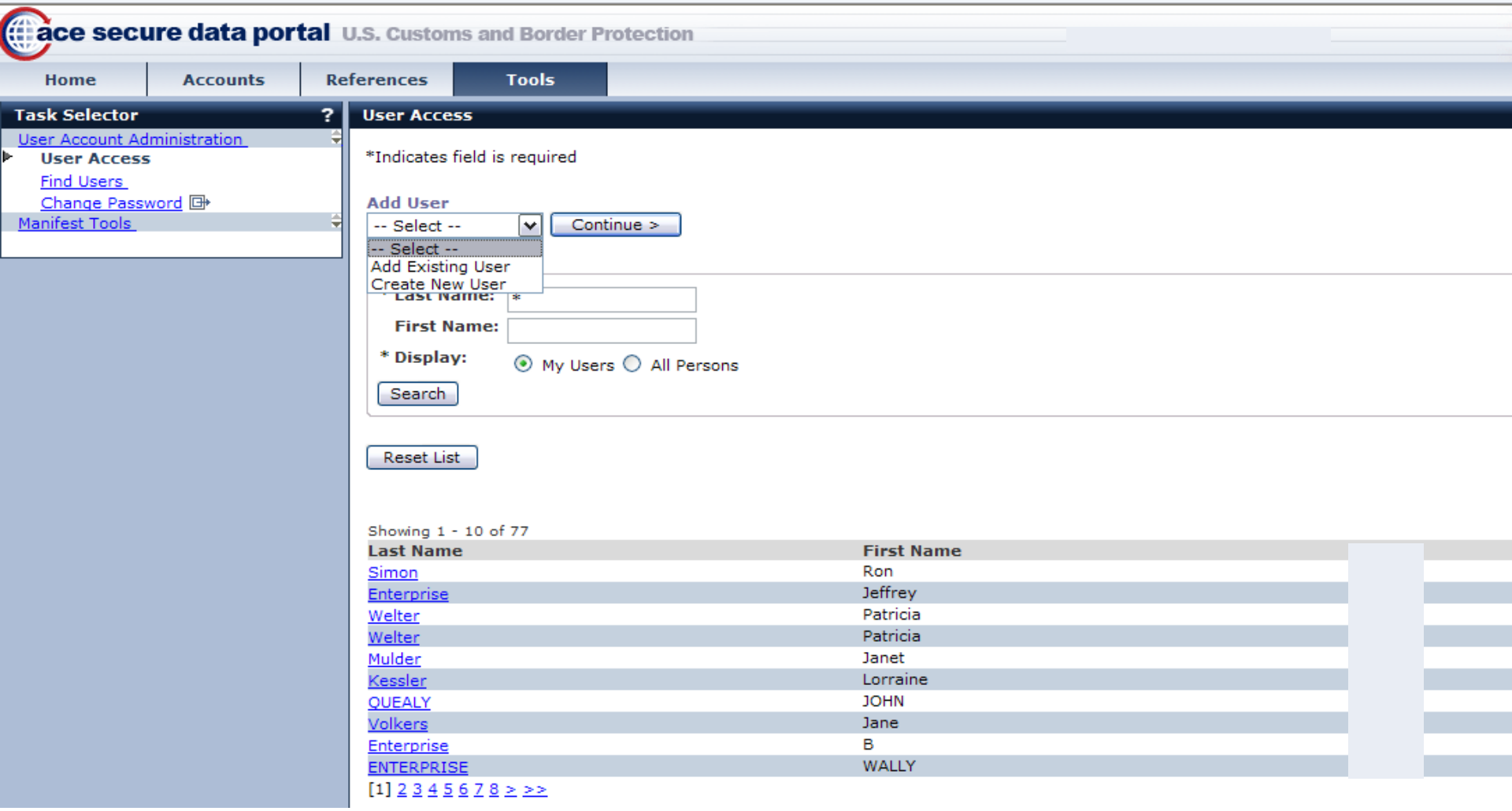
Eff Date	Ad Valorem Rate	Specific Rate	UOM	UOM Description	Added Date	Inactivated Date
09/12/2000	21.50%				02/14/2010	
09/26/1997	21.50%				02/14/2010	
07/16/1997	21.50%				02/14/2010	
02/12/1996	4.82%				02/14/2010	
06/05/1991	4.82%				02/14/2010	
04/22/1991	4.88%				02/14/2010	
11/30/1990	7.79%				02/14/2010	

ACE Secure Data Portal
AD/CVD Message Search Results

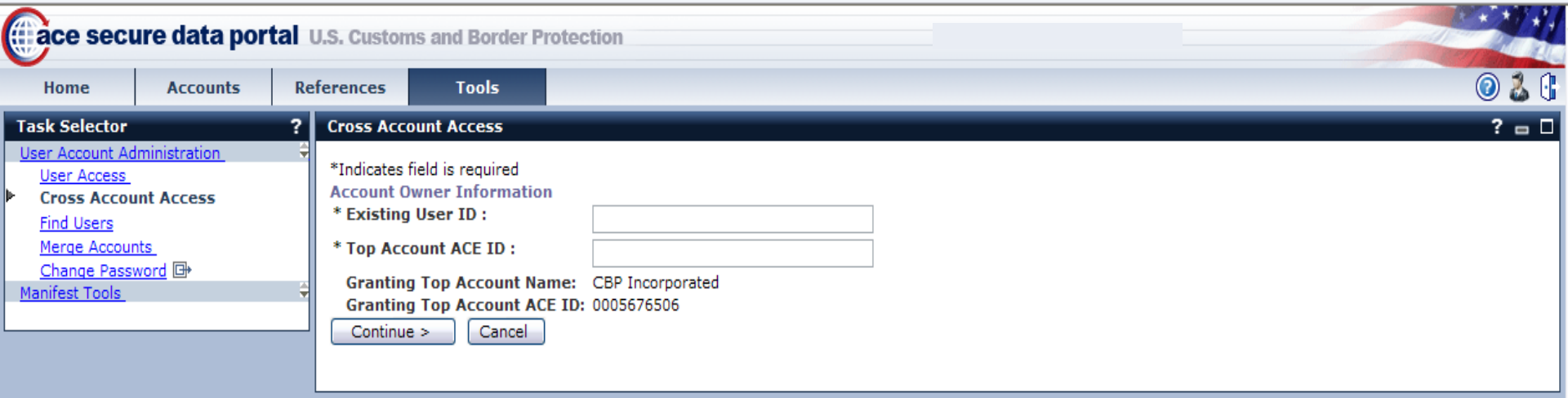


ACE Secure Data Portal
AD/CVD Message

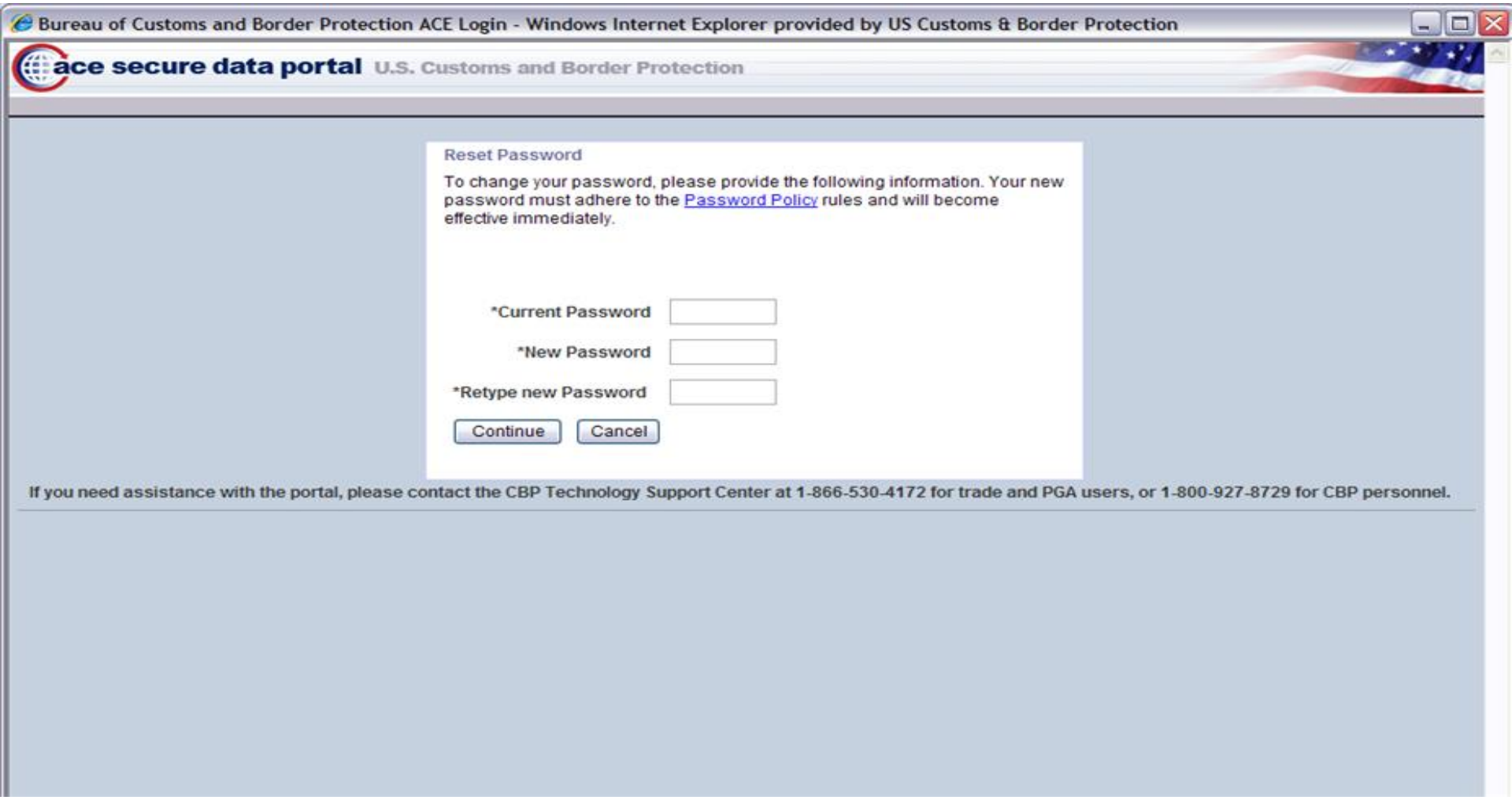
ACE Secure Data Portal
User Access



ACE Secure Data Portal
Cross Account Access

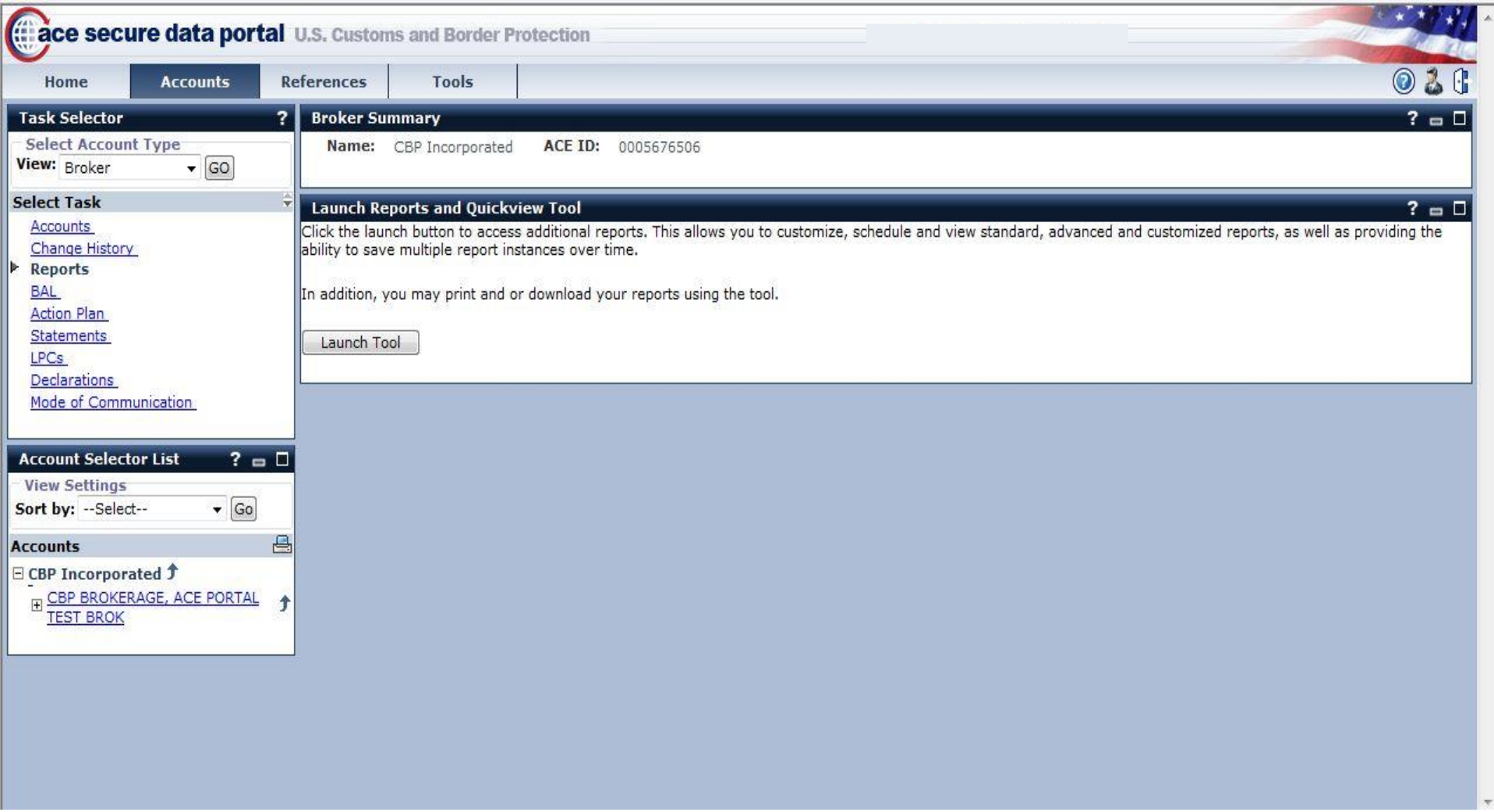


ACE Secure Data Portal
Change Password

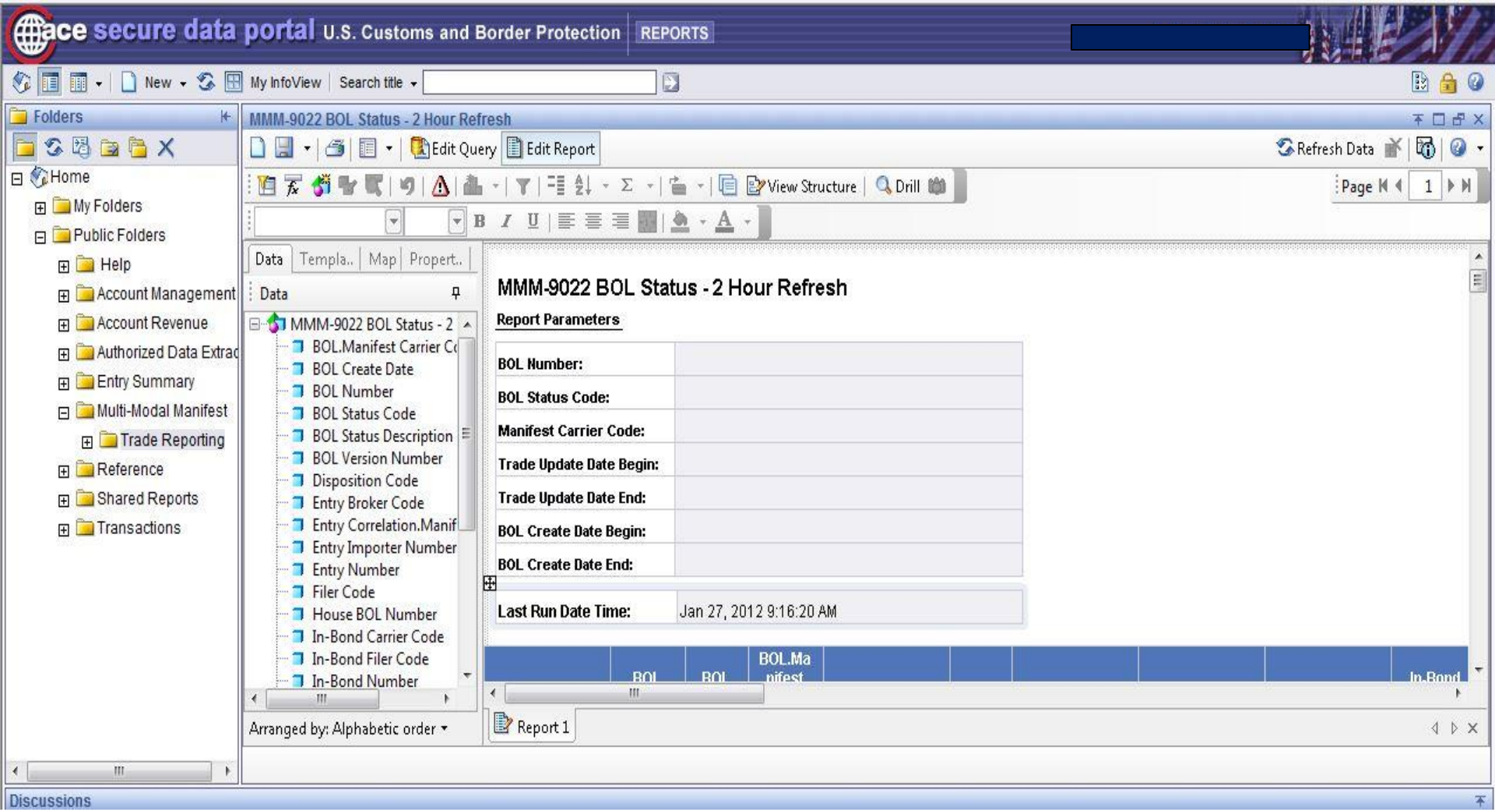


ACE Reports

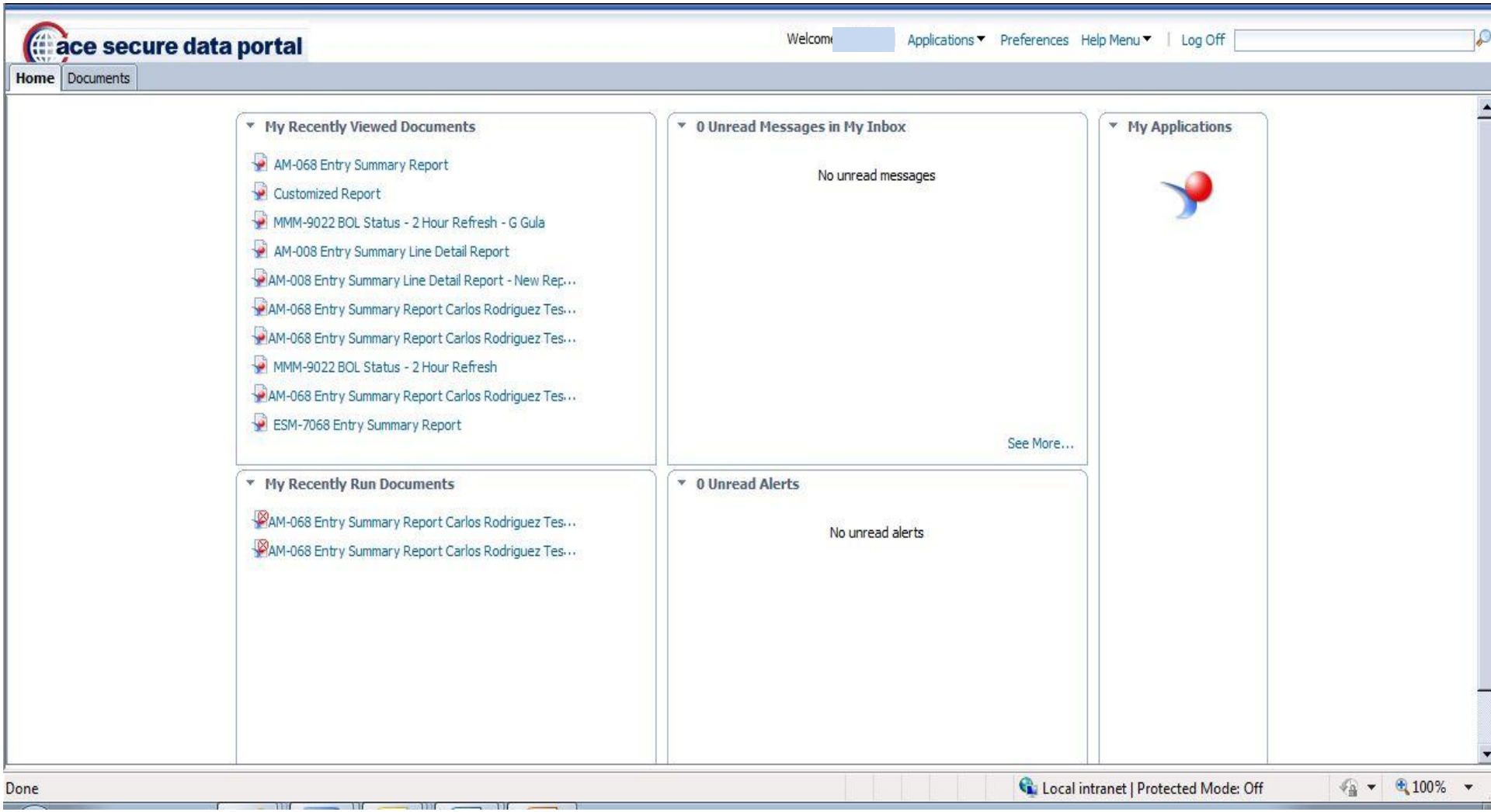
ACE Secure Data Portal
Launching Reports



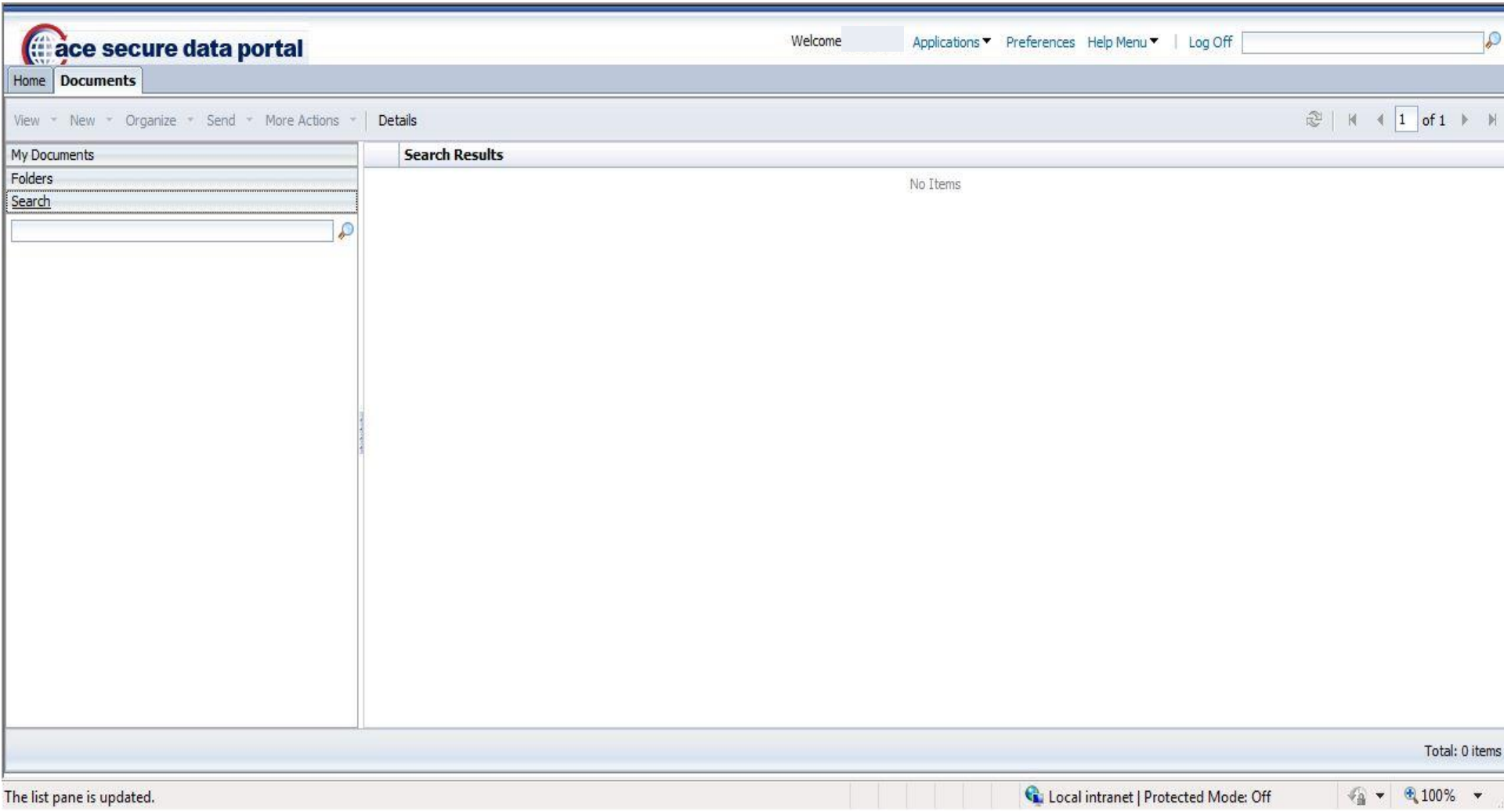
ACE Reports
Previous Interface



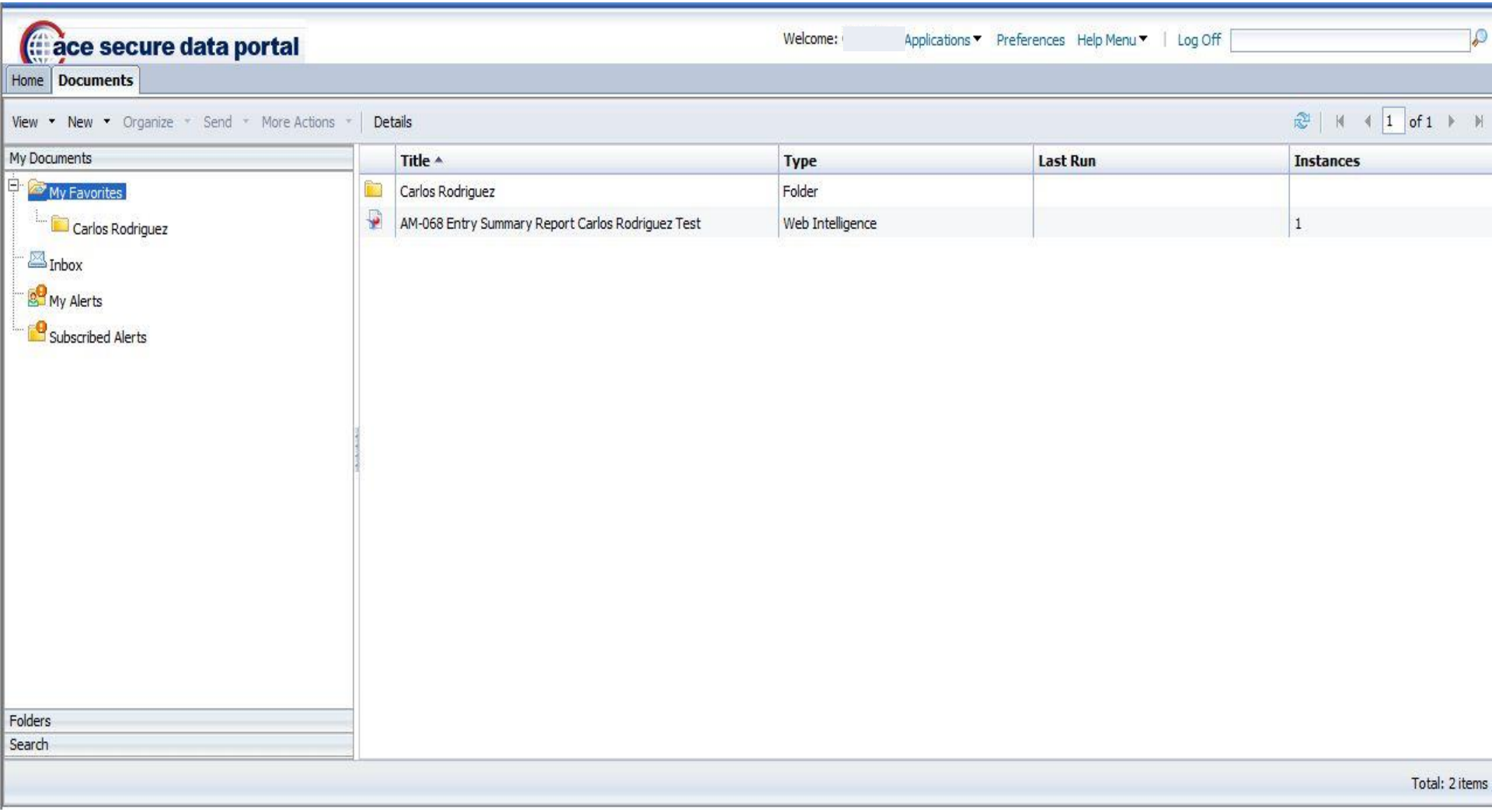
ACE Reports
Home Tab



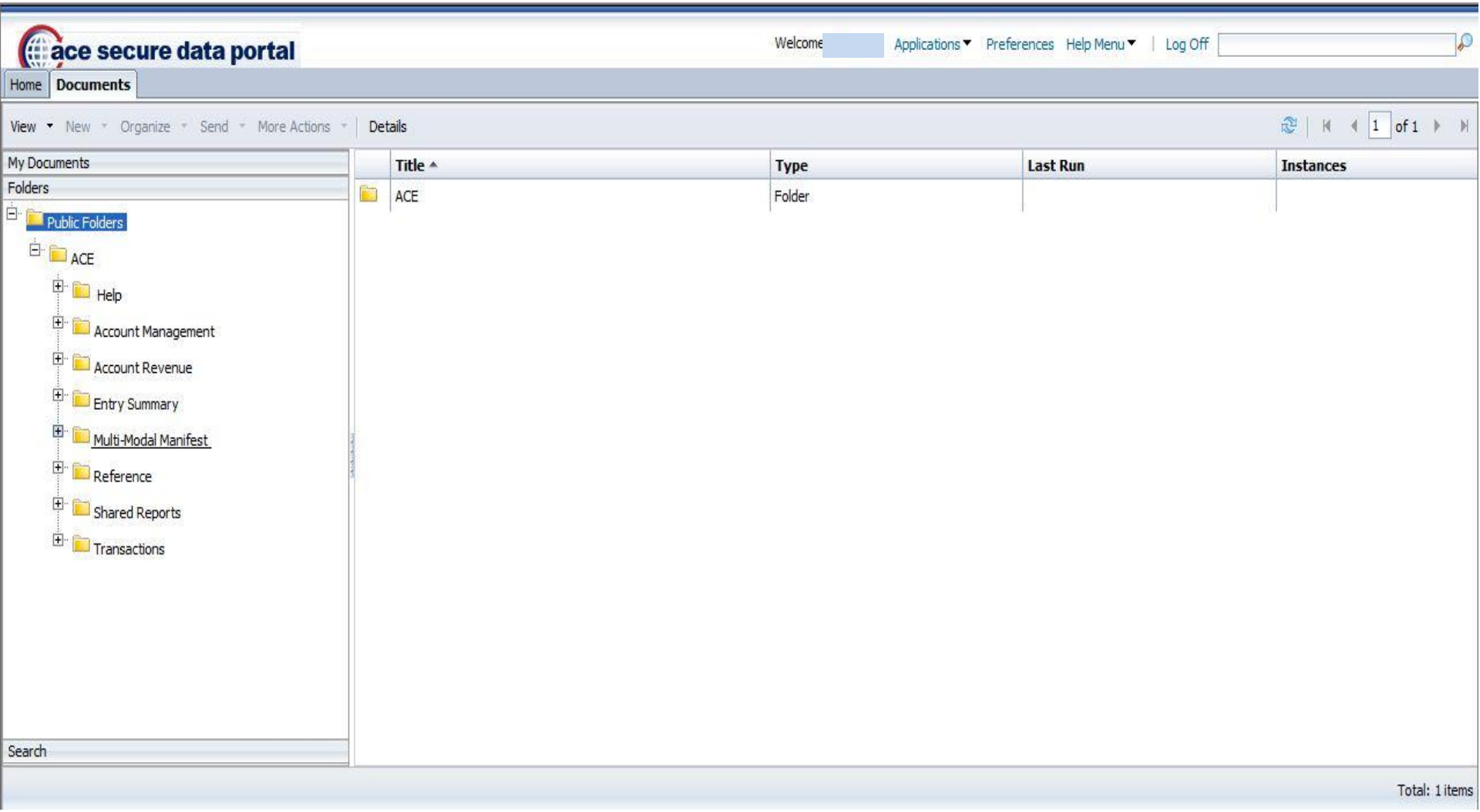
ACE Reports
Documents Tab



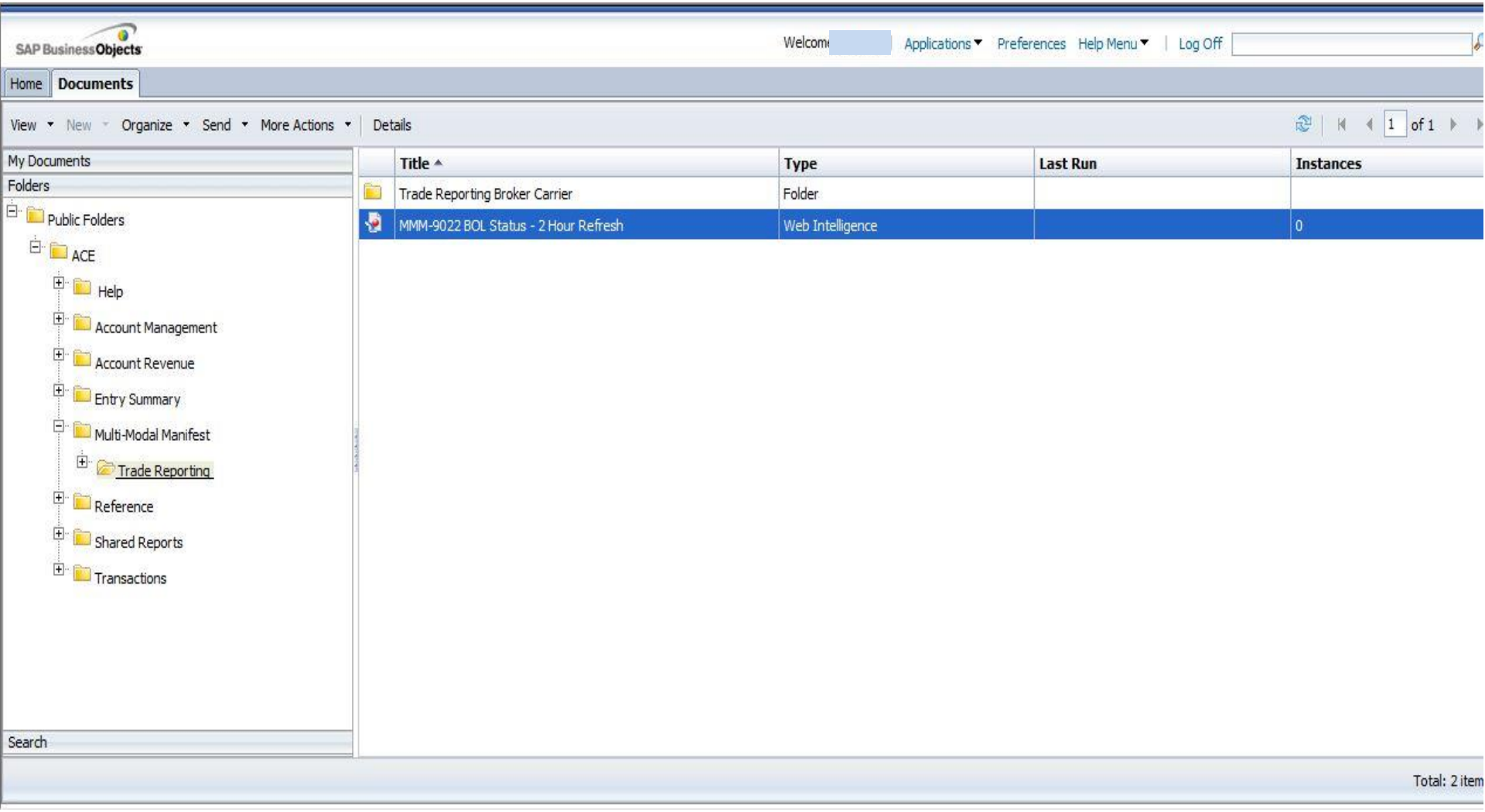
ACE Reports
My Documents Panel



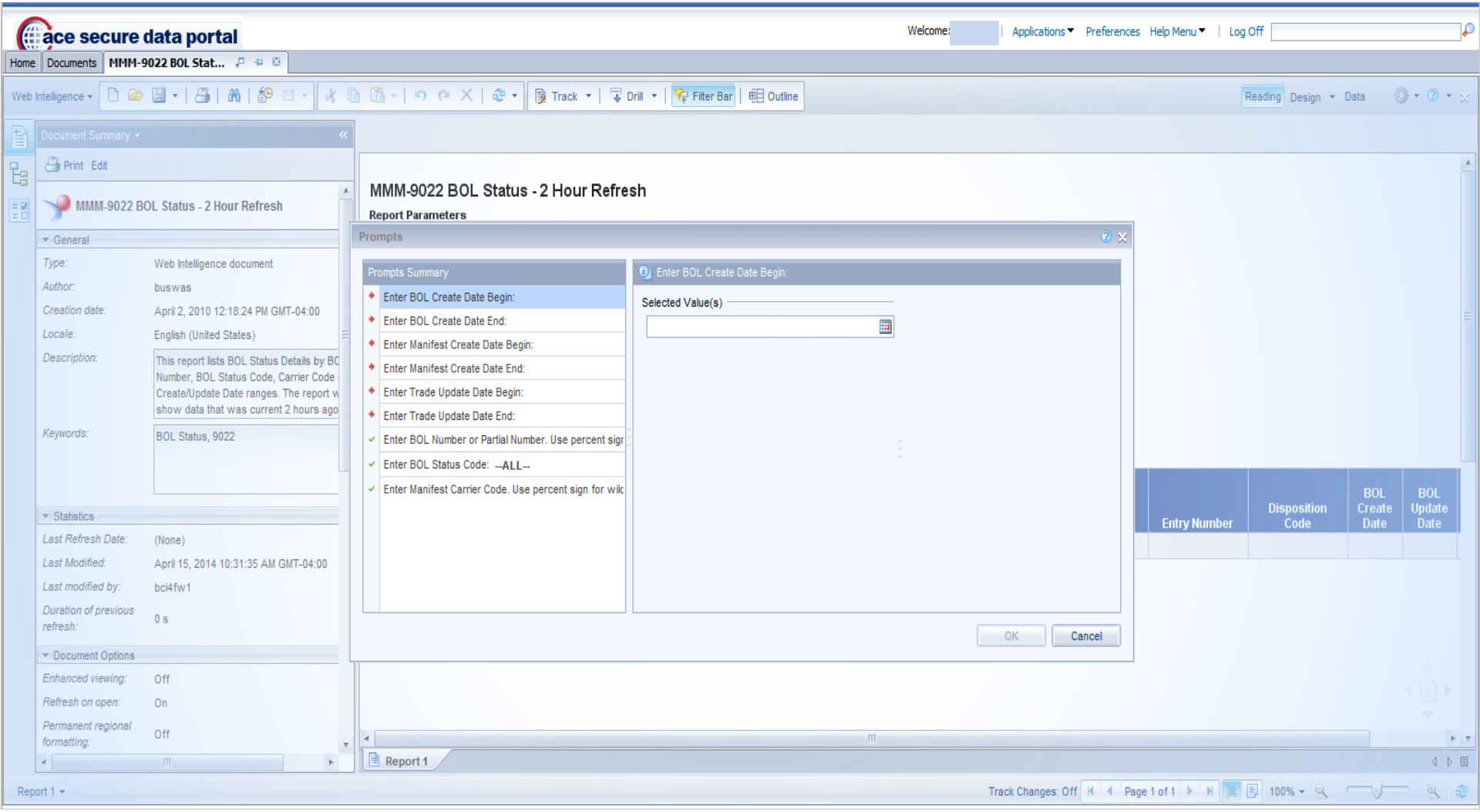
ACE Reports
Folders Panel



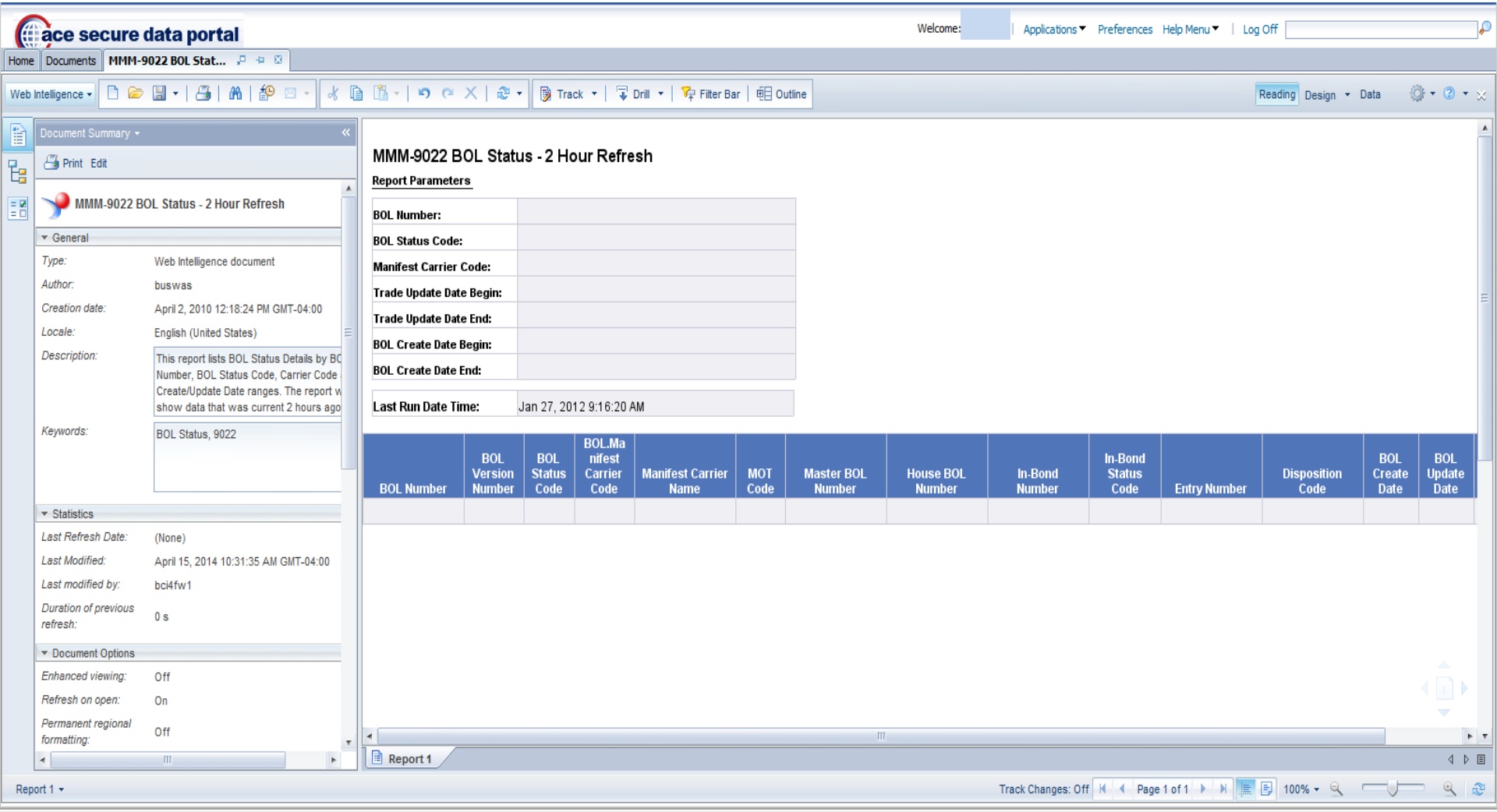
ACE Reports
Running a Standard Report



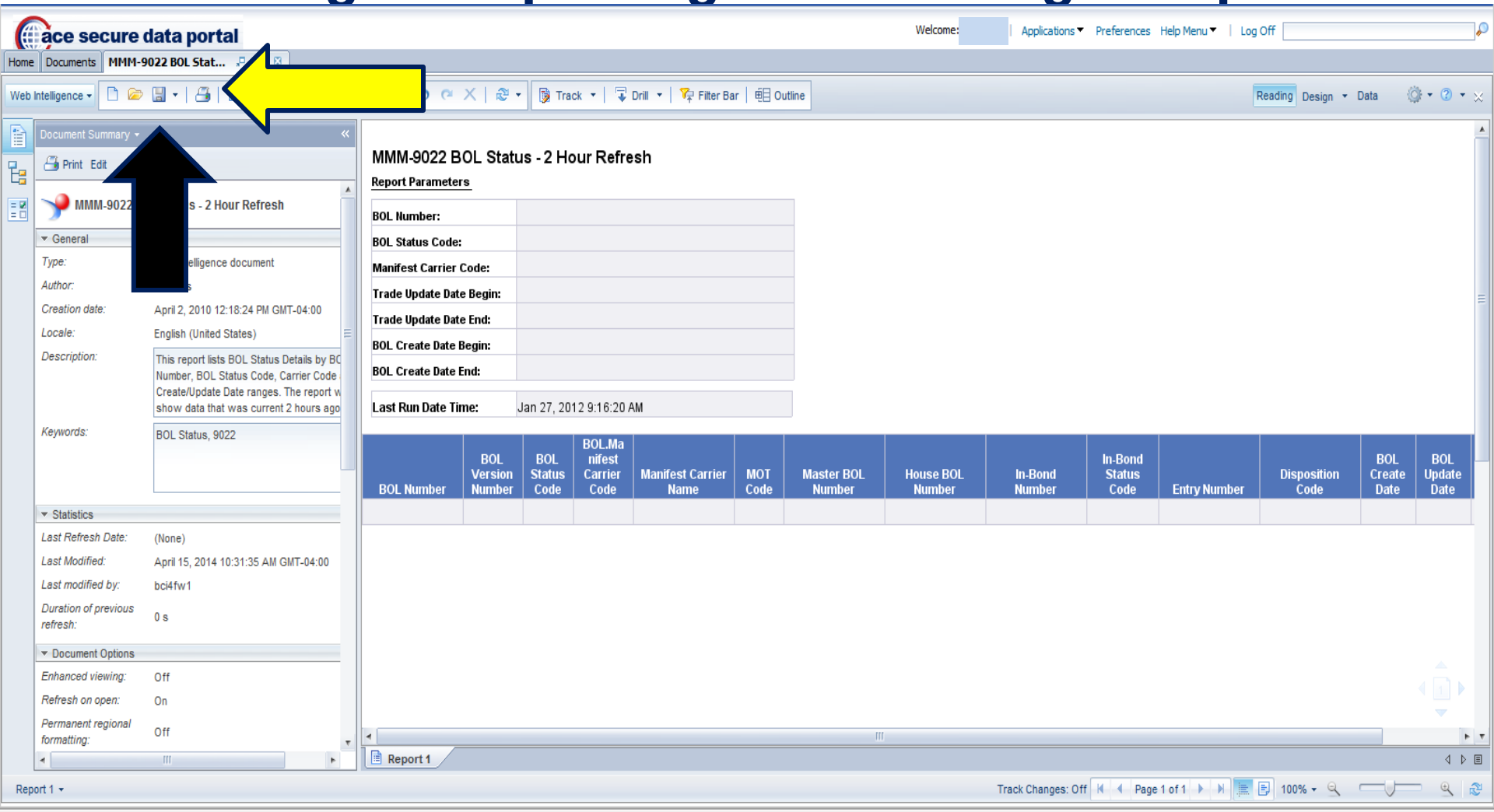
ACE Reports
Prompts Screen



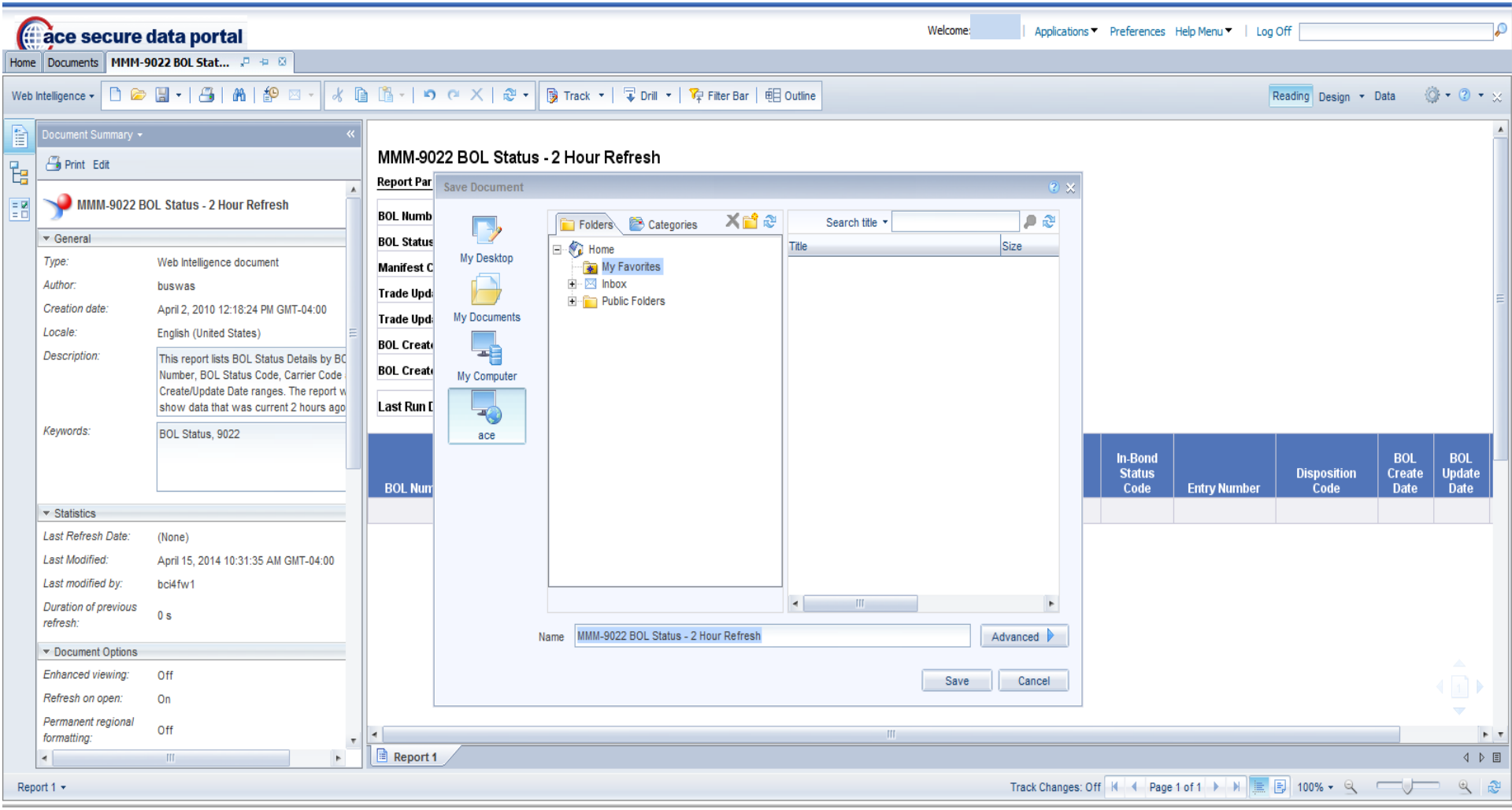
ACE Reports
MMM-9022 BOL Status - 2 Hour Refresh



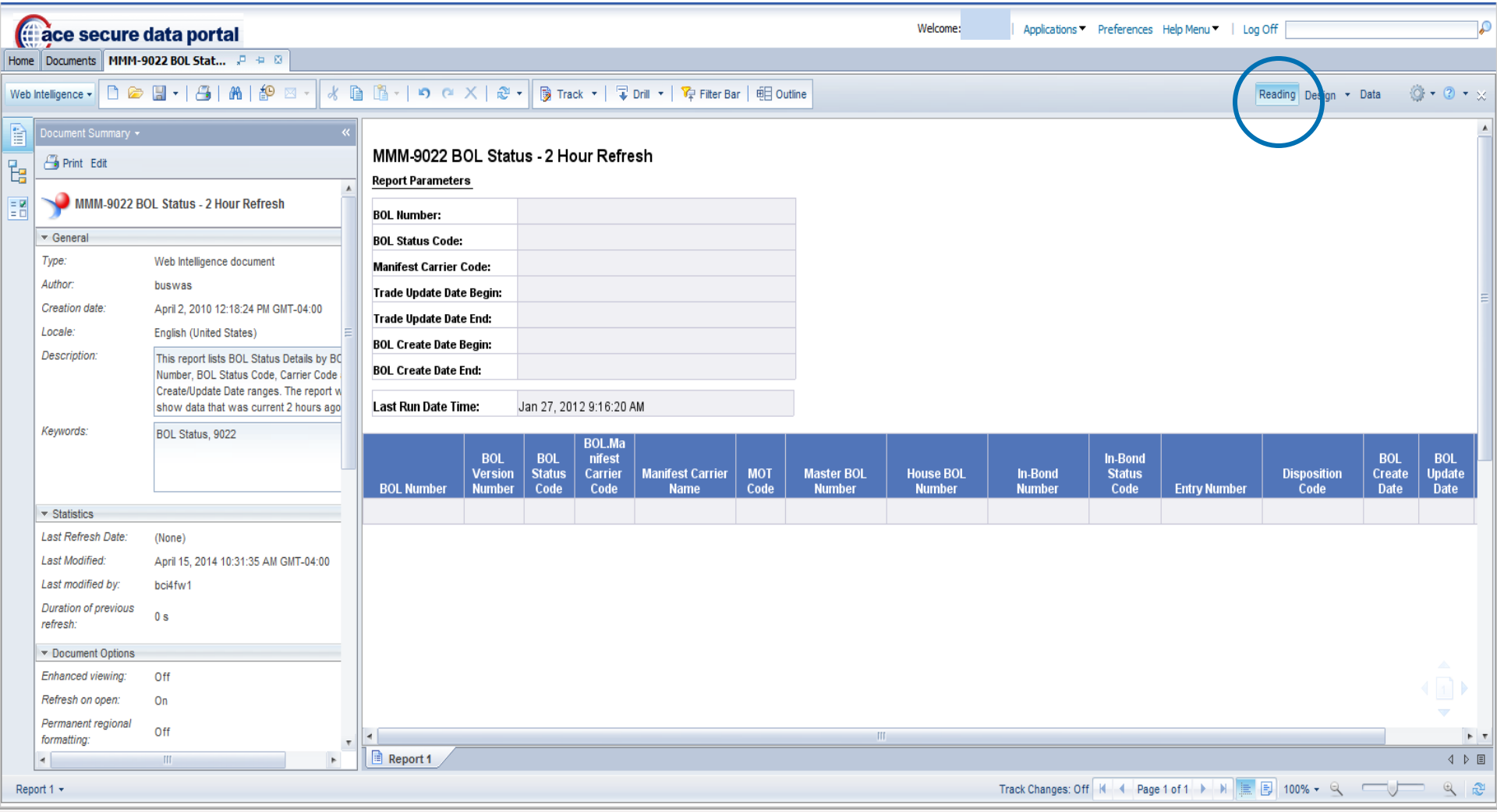
ACE Reports
Saving or Exporting and Printing a Report



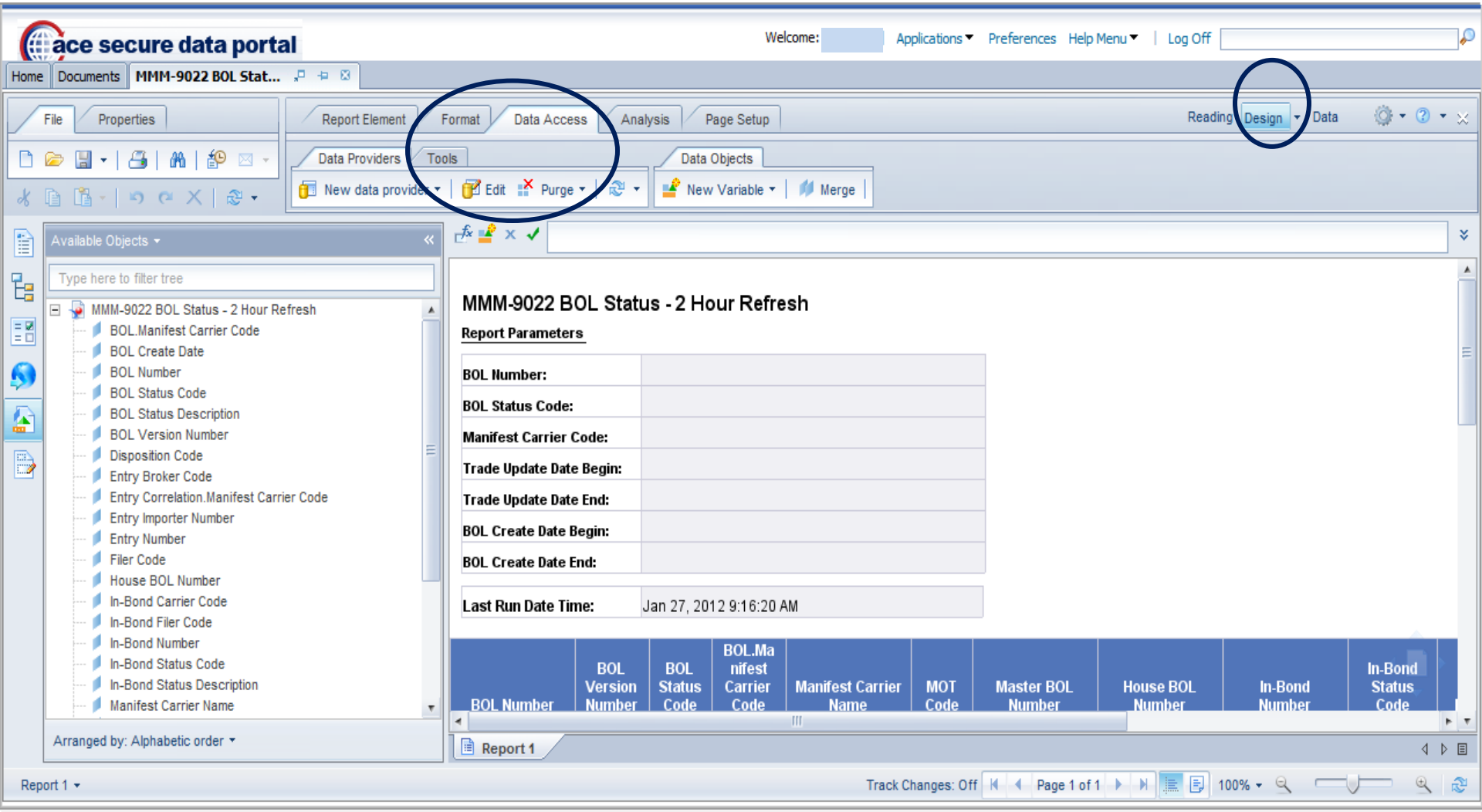
ACE Reports
Save Document Screen



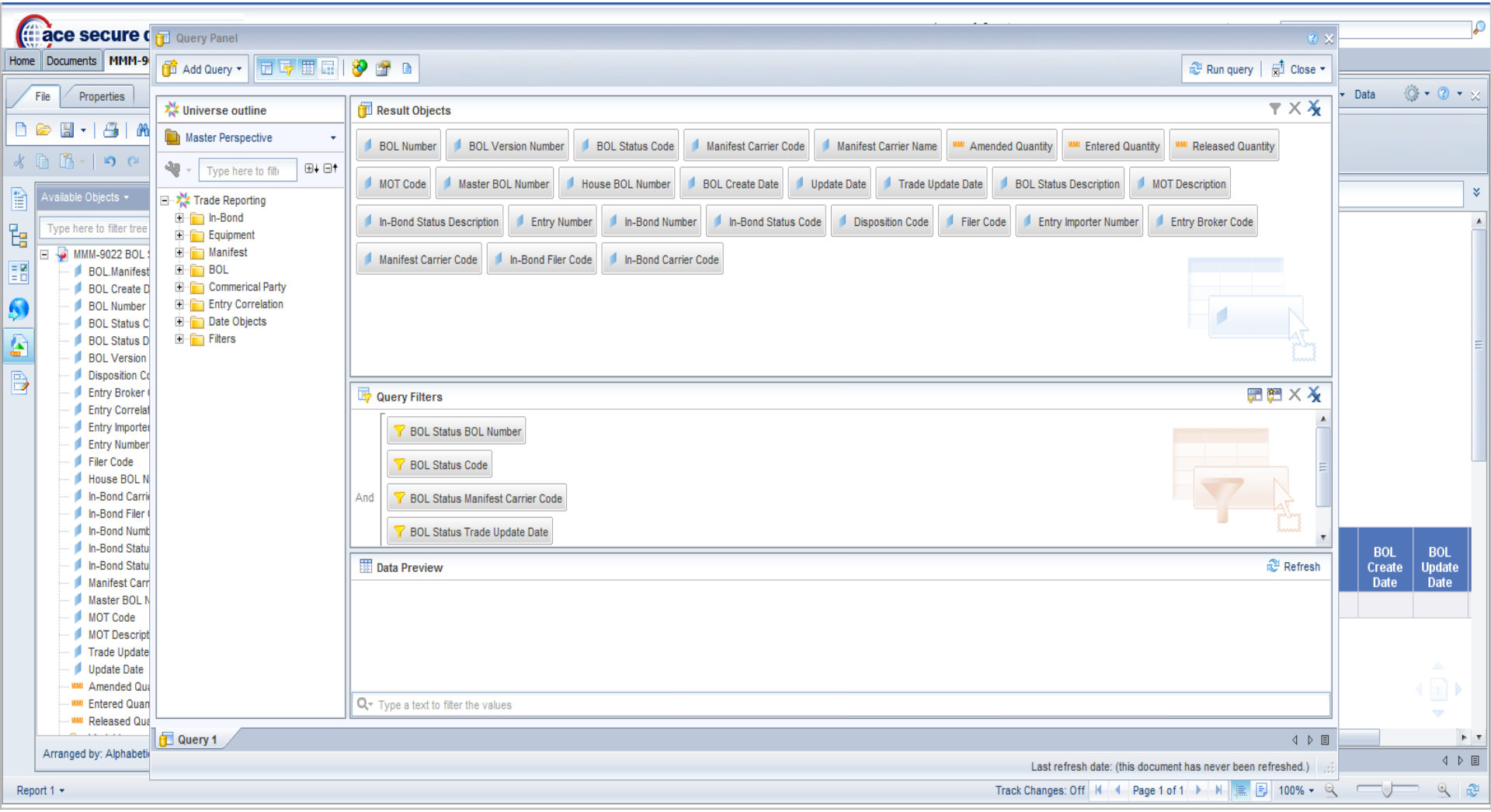
ACE Reports
Modifying a Report from the "Public Folders" panel



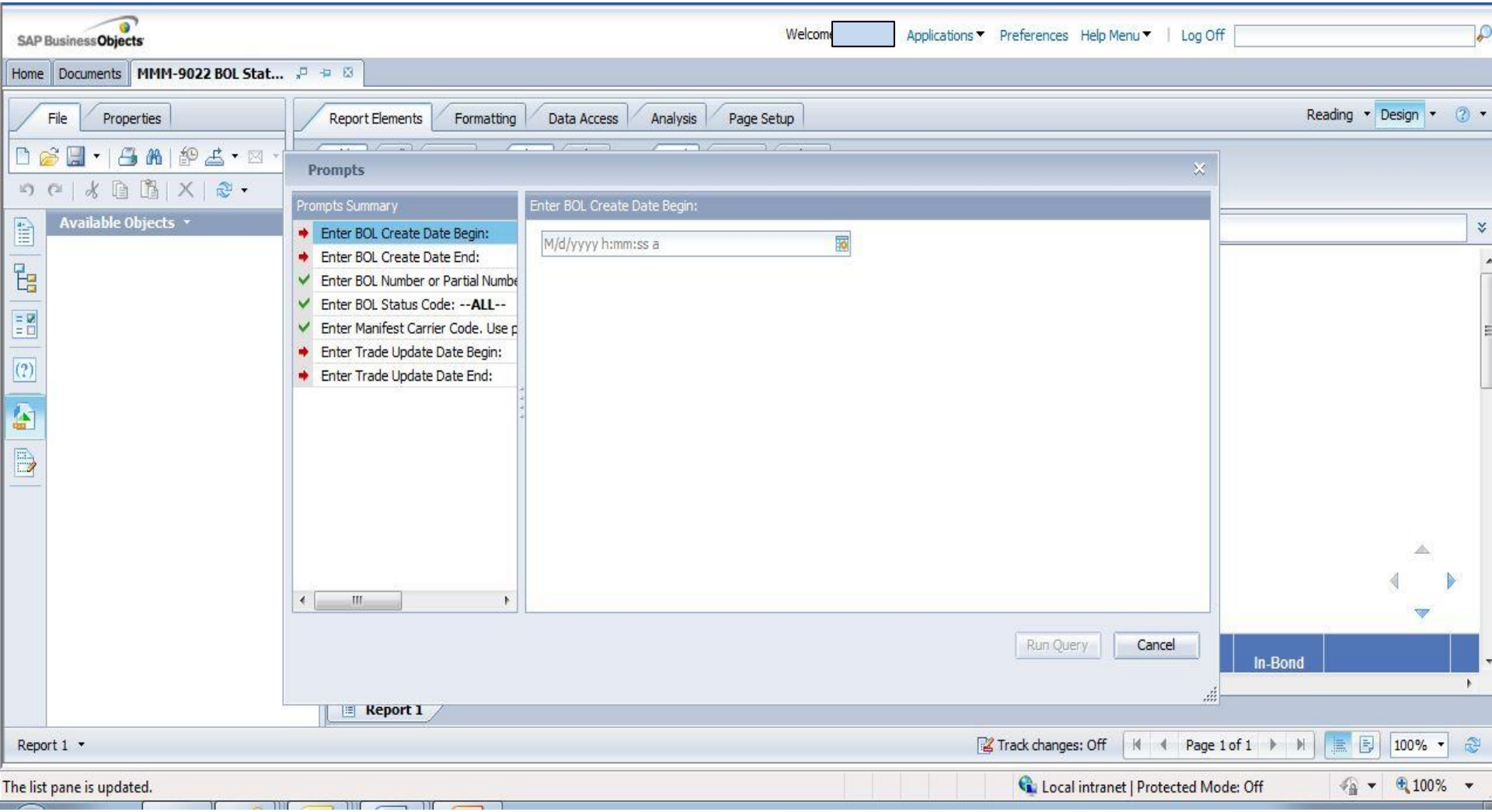
ACE Reports
Switching to "Design" Mode to Modify a Report



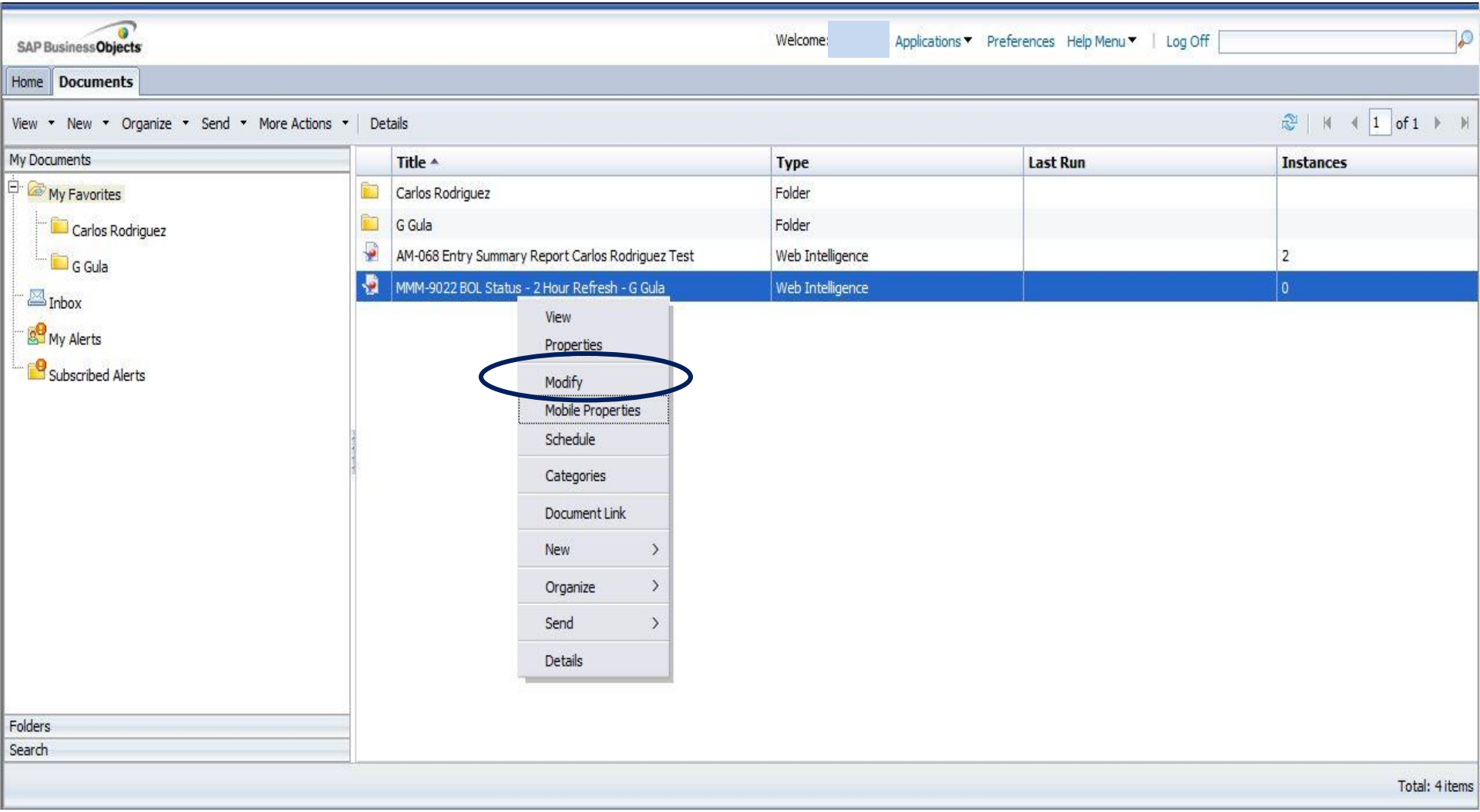
ACE Reports
Query Panel



ACE Reports
Prompts Screen



ACE Reports
Modifying a Report from the "My Favorites" Panel



MMM – 9022 BOL Status
2 Hour Refresh Report

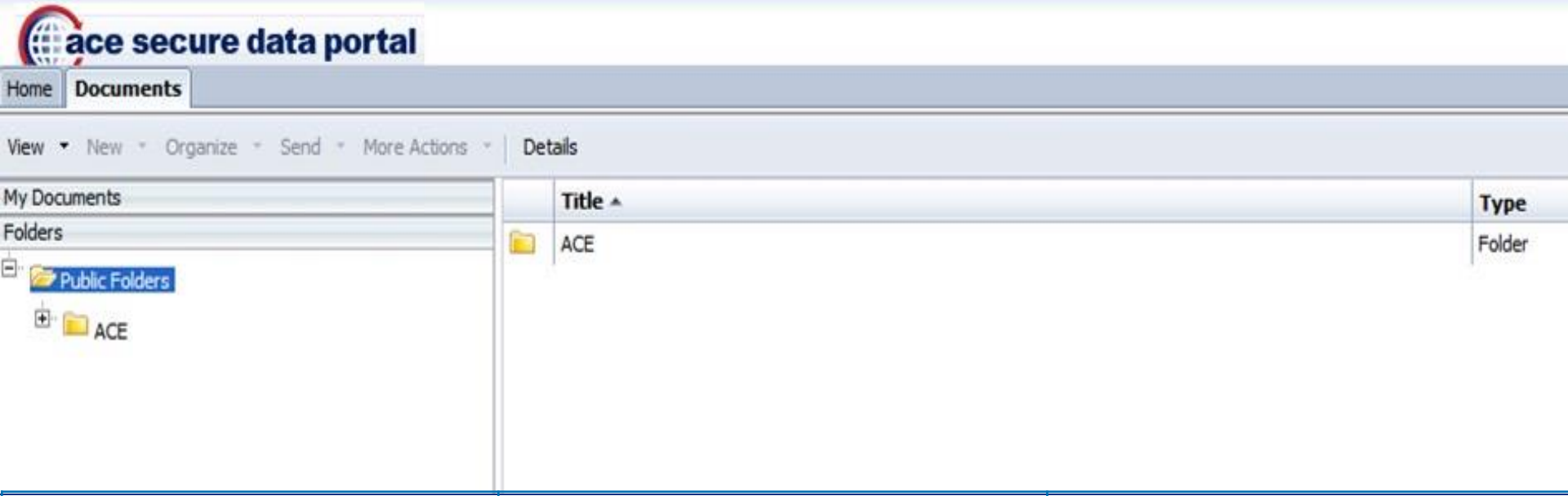
MMM-9022 BOL Status - 2 Hour Refresh

Report Parameters

BOL Number:	--ALL--
BOL Status Code:	--ALL--
Manifest Carrier Code:	--ALL--
Trade Update Date Begin:	12/1/2011 12:00:00 AM
Trade Update Date End:	12/7/2011 12:00:00 AM
BOL Create Date Begin:	12/01/2011
BOL Create Date End:	12/7/2011 12:00:00 AM
Last Run Date Time:	Dec 12, 2011 3:07:47 PM

BOL Number	BOL Version Number	BOL Status Code	Manifest Carrier Code	Manifest Carrier Name	MOT Code	Master BOL Number	House BOL Number	In-Bond Number	In-Bond Status Code	Entry Number	Disposition Code	BOL Create Date	BOL Update Date	Trade Update Date
XXXA0023834243	1	OP	XXXA	C&A Test Carrier	10	XXXA0023834243		391672396	ER		1J	12/02/2011	12/02/2011	12/02/2011
XXXA0023834243	1	OP	XXXA	C&A Test Carrier	10	XXXA0023834243		391672396	ER		69	12/02/2011	12/02/2011	12/02/2011
XXXA0023842253	1	OP	XXXA	C&A Test Carrier	10	XXXA0023842253					54	12/06/2011	12/06/2011	12/06/2011
XXXA0023842253	1	OP	XXXA	C&A Test Carrier	10	XXXA0023842253					69	12/06/2011	12/06/2011	12/06/2011

ACE Secure Data Portal – ACE Reports



Multi-Modal Manifest Folder	Entry Summary Reports Folder	Account Revenue Folder
MMM 9009 In-Bond Details Report MMM 9021 BOL Details	ESM 7001 Entry Summary Census Warning and Override Report ESM 7008 Entry Summary Line Detail Report ESM 7068 Entry Summary Report ESM 7024 ACE Reject Report ESM 7025 CBP Form 28, 29, 4647 Status Report	AR 007 Periodic Monthly Statement AR 007 Periodic Statement Detail

Entry Summary data is refreshed nightly

Periodic Monthly Statement data is refreshed hourly

U.S. Customs and Border Protection

Questions?

http://cbp.gov/ace

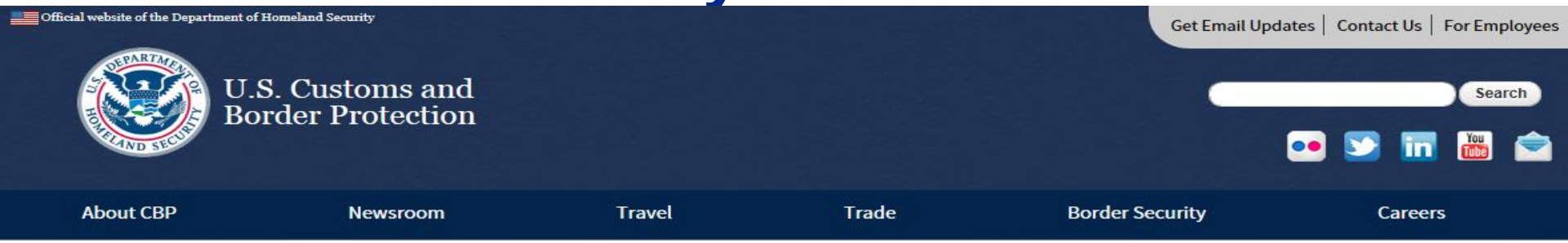
U.S. Customs and Border Protection

References and Resources

Cargo Systems Messaging Service (CSMS)

- Provides information on all commercial systems, including truck e-Manifest, air manifest, rail manifest, ocean manifest, and Automated Broker Interface (ABI):
  - CSMS is the broadcast message system for users of CBP automated commercial trade systems
  - Messages from CSMS are sent instantly, providing near real-time access to the latest news and information from CBP
- Two ways to get information with CSMS:
  - Messages e-mailed directly to subscribers
  - Messages also stored on a searchable database, accessible via CBP.gov
- Subscribe for CSMS messages at: https://public.govdelivery.com/accounts/USDHSCBP/subscriber/new?pop=t&qsp=938
- To search for CSMS Messages: http://apps.cbp.gov/csms/csms.asp?display_page=1

CBP.Gov - ACE Cargo Release and Entry Summary Information



- The following ACE Cargo Release and Entry Summary information is available at CBP.gov:
  - Getting Started Filing ABI Data in ACE
    - http://www.cbp.gov/trade/ace/catair/
    - Table of Contents
    - Introduction and Getting Started
    - ACS to ACE Transition Topics
  - ACE Entry Summary Process and Policy
    - http://www.cbp.gov/trade/entry-summary/ace
    - ACE Entry Summary Filings
    - ACE Entry Summary Business Process V3.4
    - ACE Entry Summary Rejection Response

Portal Applications

The application to request your free ACE Portal account as well as instructions and tutorials can be found on CBP.gov

http://www.cbp.gov/sites/default/files/documents/ace_portal_app_3.pdf

Web Based Training for each release

http://nemo.cbp.gov/ace_online

Cargo Systems Messaging Service

A subscription based, broadcast message system for users of CBP automated commercial trade system http://apps.cbp.gov/csms/

www.CBP.gov/trade/automated

- Getting Started with ACE
- Federal Register Notices
- Training and Reference Guides
- Technical Documentation

U.S. Customs and Border Protection