



TRACETM

Trade Reporting and Compliance EngineTM

Securitized Products

User Guide

Version 1.0 March 21, 2011

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Chapter 1: Introduction

Overview

On January 23, 2001, the Securities and Exchange Commission ("SEC") approved proposed rules requiring FINRA[®] members to report over-the-counter ("OTC") secondary market transactions in eligible fixed income securities to FINRA and subject certain transaction reports to dissemination. The Trade Reporting and Compliance Engine ("TRACE[™]") is a FINRA-developed vehicle that facilitates this mandatory reporting and also provides increased price transparency to market participants/investors in corporate bonds. The rules, referred to as the "TRACE Rules," are contained in the Rule 6700 Series.

Phase 2 of the TRACE Expansion covers the SEC Rule Filing requiring that executions of Asset Backed Securities, Mortgage Backed Securities and other similar securities be reported to TRACE. For purposes of this document the term of Asset Backed Securities will be collectively defined as "Securitized Products."

The Rule Filing refers to reporting of Asset Backed Securities (ABS) and the TRACE reporting system will classify the products into four sub-product types:

- Asset Backed Securities (ABS)
- Mortgage Backed Securities (MBS)
- Collateralized Mortgage Obligations (CMO)
- To Be Announced (TBA)

Information regarding specific questions about transaction reporting in Securitized Products can be found in FINRA Rules (TRACE 6700 Series Rules) and also in the Market Transparency section of FINRA Website for Industry Professionals, available at:

<http://www.finra.org/Industry/Compliance/MarketTransparency/TRACE/index.htm>

FINRA Trade Reporting and Quotation Service Technical Platform (TRAQS):

All broker/dealers who are FINRA member firms have an obligation to report transactions in Securitized Products to TRACE. TRACE allows bond dealers and brokers to enter pre-negotiated priced trades via a web interface where the trades are subject to validation.

The FINRA Trade Reporting and Quotation Service (TRAQS) technical platform has been developed as a central communication source and is the primary collector, disseminator and support service that will be used to assist all members for the posting of quotes and reporting of trades to FINRA. This platform has been designed to be reliable, scalable, and efficient in order to support multiple FINRA products and the end user. All TRACE interfaces (WEB, CTCL, FIX, etc...) map to this system in order for users to perform the required actions and to receive pertinent information about transactions and securities to/from FINRA.

The application consists of a messaging hub with various internal and external interfaces to other systems and parties. The core processor will utilize transmission systems and protocols that provide equivalent access for all participants.

NOTE: Securitized Products transactions will not be disseminated to the investing public upon the initial software release of the reporting obligation for these products. Users will have the ability to review and act on their own transactions, but not those of the general marketplace. In addition, Market Data Vendors will not receive this information until further notice.

The core system applies imbedded business logic that insures proper system access with validations necessary to insure the accuracy, timeliness and integrity of the price data submitted by members for audit trail. All transactions received are used by FINRA to provide market wide surveillance.

All functions described in this User guide are developed and supported in the TRAQS platform.

Reporting Party Obligations

FINRA members are obligated to report their side of every respective transaction in eligible Securitized Products. TRAQS will accept the trade reports of reporting firms or their designated third-party reporting intermediaries. The reporting party is determined as follows:

Transactions Between	Who Reports
Two FINRA members	Both the Buying and Selling FINRA member
A FINRA member and a non-FINRA member	A FINRA member
A FINRA member and a customer	A FINRA member

NOTE: FINRA member firms cannot qualify each other as “customers.” Only an end customer (a non-FINRA member institutional or retail account) can be designated “C” (for Customer) in the trade report.

For example, firms ABCD and EFGH are both FINRA members. Firm EFGH is a correspondent of firm ABCD, which is a clearing firm and also has execution capability. For complete audit trail purposes, any transactions that occur between these two member firms must be reported by both firms under each firm’s own TRACE Market Participant ID (MPID) or by the clearing firm on the correspondent firm’s behalf, under a pre-signed FINRA/TRACE Uniform Services Agreement. Under no circumstances may the clearing firm use the “C” designation for its own correspondent customer base, since each firm’s identity would then be anonymous to regulatory/surveillance personnel and the audit trail would be broken.

Website Security and Configuration Requirements

TRAQS uses a combination of Secure Socket Layer (SSL) encryption and X.509 Digital Certificate software to protect the data that is being transferred from the client to FINRA and back. In order to access the TRAQS website, the user must be entitled to use the product and have been assigned a digital certificate to be loaded on their PC.

The minimum connectivity and software requirements are:

56K modem internet access

Microsoft Internet Explorer 7 and higher

or

Mozilla Firefox - 3.6.12 and higher

All content on each page should be visible on a screen with a resolution of 800x600.

Website Access Levels

All users of TRAQS who wish to access the Securitized Products secure website, whether FINRA member firms or third-party reporting intermediaries, must complete and submit a [TRACE Order Form](http://www.finra.org/Industry/Compliance/MarketTransparency/TRACE/Legal/) <http://www.finra.org/Industry/Compliance/MarketTransparency/TRACE/Legal/> indicating the TRACE access method selected as well as two signed originals of the [FINRA Participation Agreement](http://www.finra.org/Industry/Compliance/MarketTransparency/TRACE/Legal/) <http://www.finra.org/Industry/Compliance/MarketTransparency/TRACE/Legal/>.

FINRA Members attempting to access the TRAQS web interface will be required to download a digital certificate on their PC and be assigned an entitlement token in order to login to the interface.

The token gives the user rights to access specific functions on the web interface. (For Securitized Products all viewing and action capabilities will be permitted with one token level).

Users will be responsible for securing and maintaining their assigned user id and passwords once assigned. It is NOT recommended that accounts are shared between users at the same firm.

Users can only operate one web session at a time, meaning the account that is logged on cannot be shared with additional personnel. If a new session is attempted while an existing session is open, the first session will exit.

Once a user has been authorized and access is gained the user will be able to view and utilize the Homepage functions as well as specific functions related to the trade reporting of Securitized Products.

This includes:

- Trade Entry
- Trade Management
- Reversals
- Reject Scan
- Unmatched Trade Reports
- Daily List
- Security Scan
- Current Security Halt View
- Security Halt History
- Participant Scan

In order to begin the process of gaining access to the Securitized Products of the secure web interface new TRACE website users should contact FINRA Operations at 866.776.0800; finraoperations@finra.org. Users who currently use TRACE to report other TRACE-eligible securities and who need to also report TRACE Securitized Products transactions will automatically be authorized to use the secure website for Securitized Products.

TRAQS User Contacts

FINRA Client Contact Information:

General Product Inquiries; product functionality; web signup; CTCI/FIX connectivity signup	FINRA Operations 866.776.0800 finraoperations@finra.org
Connectivity support issues	NASDAQ OMX Technical Services 212.231.5180
Legal Issues	FINRA Office of General Counsel 202.728.8071
Product implementation and enhancement information	FINRA Product Management 866.899.2107 ProdMgmtTransparencySvcs@finra.org
TRACE transaction reporting issues	FINRA Market Regulation 240.386.5126 bondreporting@finra.org

Chapter 2: TRAQS Web Application Overview

The TRAQS Web Application is designed for ease of use and functionality flow for the TRACE user. All trade reporting functions and respondent data queries are made intuitive via a set of links and sub pages. Although the application is primarily geared toward Securitized Products trade reporting, there are many other features that are made available that should be used to optimize the client experience. The sections that follow in the User Guide describe in detail how to use all functionality within the web application, how to interpret the data that is returned, and how to act on that data when necessary.

TRAQS Home Page – <https://www.finratraqs.org>

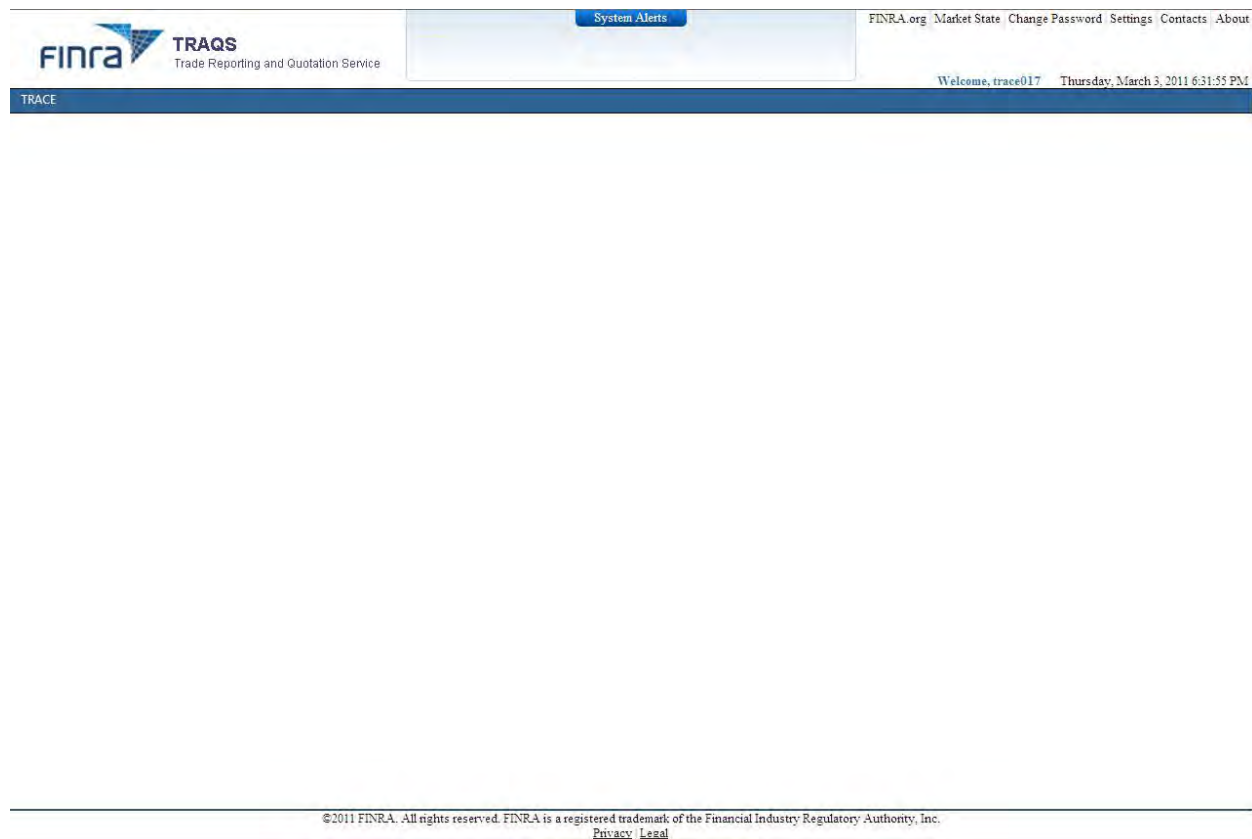


Figure 1
Home Page and Masthead

TRAQS Masthead Links

These links are located in the top right corner of the Home Page and are accessible throughout all TRAQS screens. Users can access them at any time when viewing the TRAQS web application.

Users wishing to return to the Home Page can do so by clicking on the FINRA logo at the top of the Masthead.

It is not recommended that users utilize the “back” button on their browsers to navigate to previous pages and links. Users should navigate using the specific tools within the TRAQS application.

FINRA.org

Navigates the user to a new tab at www.FINRA.org. FINRA.org is the main FINRA website which provides users links to such topics as education, compliance and transparency.

Market State

Indicates the current state of the market across facilities.

When available the following information will be returned:

- Current Market State
 - Pre-Open
 - Open
 - After Hours
 - End of Reporting
- Date
- Time
- Facility
- Product
- Sub Product
- Function

Market State						
Current Market State	Date	Time	Facility	Product	Sub-Product	Function
Market Open	03/11/2011	08:00:01	TRACE	SP	ABS	Trade
Market Open	03/11/2011	08:00:01	TRACE	SP	MBS	Trade
Market Open	03/11/2011	08:00:01	TRACE	SP	CMO	Trade
Market Open	03/11/2011	08:00:01	TRACE	SP	TBA	Trade

Figure 2
Market State

Change Password

Redirects user to a site, which allows the user to change their password that gains access to the TRAQS website.

Settings

User Settings

System Alerts

TRACE

Select the following messages to be displayed

☒ Security Halts and Resumes ☐ Email

☒ System Status ☐ Email

☒ Admin Messages ☐ Email

Email Address

Enter an email

Submit

Figure 3
Settings

The Settings link allows the user to setup specific messages to be viewed for the current day for Securitized Products; including:

- Security Halts and Resumes
- System Status
- Administrative Messages

Users have the choice for which type of messages they want to view. Once the user chooses a set of messages to receive all message types chosen will be forwarded to the user

If users wish to view specific messages they must elect them in the settings for the specific FINRA facility (TRACE).

- Click on Settings on Menu Bar
 - Under System Alerts select TRACE
 - Under Facility select TRACE (Securitized Products will be checked automatically)
 - Check the messages you want to receive
 - Check Email if the messages should also be delivered to your e-mail account; note this is not required
 - Enter the recipient E-Mail address in the “Enter an email” text box; note only one E-mail address is allowed
- Click “Submit” to activate the request

Contacts

Provides a list of TRAQS support contacts for various functions and topics that the user may need assistance or guidance on.

About

Lists the current TRAQS Web Software Version, TRAQS Messaging Version, and Messaging File Version being supported.

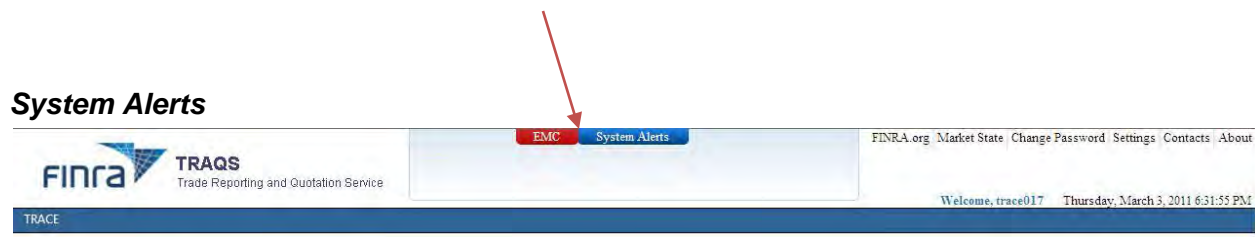


Figure 4
System Alerts (Shown with EMC)

The System Alerts screen, located in the Masthead will display specific messages that the user has subscribed to in the Settings function described above. System Alerts are messages generated to quickly notify the user of system and market events.

To preserve optimum screen viewing and space considerations only the three most recent messages will be displayed at any given time. The user must select the “System Alerts” icon button in the Masthead in order to receive the balance of messages that have been delivered for that day.

Clicking on “System Alerts” will reposition the user to a new screen that presents additional detail regarding each message for the day in most recent to least recent chronology.

System Alerts									
Facility: <input type="text"/>									
Message Id	Action	Facility	Product	Sub-Product	Function	Message	Updated By	Updated Date	Updated Time
8	EVNT	TRACE	SP	MBS	T	Market Open	EventServer	3/7/2011	8:00:00 AM
7	EVNT	TRACE	SP	CMO	T	Market Open	EventServer	3/7/2011	8:00:00 AM
6	EVNT	TRACE	SP	TBA	T	Market Open	EventServer	3/7/2011	8:00:00 AM
5	EVNT	TRACE	SP	ABS	T	Market Open	EventServer	3/7/2011	8:00:00 AM
4	EVNT	TRACE	SP	MBS	T	Start of Day	EventServer	3/7/2011	7:30:00 AM
3	EVNT	TRACE	SP	CMO	T	Start of Day	EventServer	3/7/2011	7:30:00 AM
2	EVNT	TRACE	SP	TBA	T	Start of Day	EventServer	3/7/2011	7:30:00 AM
1	EVNT	TRACE	SP	ABS	T	Start of Day	EventServer	3/7/2011	7:30:00 AM

Figure 5
System Alerts (Expanded View)

Details for the messages include:

- Message ID
- Action (Event, Admin, etc...)
- Facility (TRACE, OTCE, etc...)
- Product
- Sub-Product
- Function
- Message Details
- Message Date/Time

Emergency Market Condition (EMC) Actions:

The System Alerts screen is where EMC conditions will be displayed. If the announcement of an EMC occurs, an EMC halt message will be displayed; when the EMC is lifted and activity resumes an EMC resume message will be displayed. An EMC icon will also be displayed next to the System Alerts tag in the Masthead for the duration of the halt condition and will be removed when the resumption of activity has occurred.

EMC messages are automatically displayed to the user. There is no function to enable/disable this message type and display icon.

Main Menu Bar

The Menu Bar is available at the top of every TRAQS page. Included in the Menu Bar are FINRA reporting facilities that users access in order to comply with specific FINRA rules. Users choose what FINRA reporting facilities to perform related transactions on. Sub-menu choices for specific products and specific transaction functions are accessible underneath each reporting facility menu item.

Reporting Facilities included in the Menu Bar are:

- TRACE
 - Includes sub menu functions for specific TRACE-Eligible Securities, including Securitized Products, Agency Debt, and Corporate Bonds

NOTE: For purposes of this User Guide only TRACE Securitized Products functionality detail is explained in depth. User Guides for all other reporting facilities listed will be included under separate cover and distributed at a later date.











TRACE (Trade Reporting and Compliance Engine) is a FINRA developed vehicle that facilitates the mandatory reporting of over the counter market transactions in eligible fixed income securities. All broker/dealers who are FINRA member firms have an obligation to report transactions in to TRACE under an SEC approved set of rules. The next phase of the TRACE expansion requires that Asset Backed Securities (Securitized Products) transactions are reported to FINRA.

Securitized Products sub-products include:

- Asset Backed Securities (ABS)
- Mortgage Backed Securities (MBS)
- Collateralized Mortgage Obligations (CMO)
- To Be Announced (TBA)

Helpful hints/data action icons

The TRAQS Web Application is designed to be user friendly in order to assist clients in performing their trade reporting capabilities and other necessary functions. Many of the functions are intuitive, however, in order to ensure users clearly understand how to most effectively use the product a short description of many of the common tools are described below. Specific Application functions, including field definitions and validations, workflow, and screen shots are illustrated in later sections of this User Guide.

Web Application Tool	Description/User Hint
Comma Separated Value (CSV) Export 	A comma-separated values or character-separated values (CSV) file is a simple text format for a database table. Each record in the table is one line of the text file. Users click on the CSV Icon on Data Grid pages to copy the screen information to a CSV file. The Icon is located in the upper right hand corner of the data grid pages for the selected function.
Refresh Page 	Refreshes the current screen display to allow users to view recent changes to the data grid for the selected information. Users click on the Refresh Icon to perform this function. The Icon is located in the upper right hand corner of the data grid pages for the selected function.
Print 	Allows users to receive a hard copy of the data grid information. Users click on the Print Icon to enact this process. The Icon is located in the upper right hand corner of the data grid pages for the selected function.
Save Settings 	This function saves user settings for specific data grid pages (e.g. Security Scan). Settings that can be saved include data column width and sort criteria. After the user manipulates the affected fields and saves the settings the process is automatically applied. The Save Settings Icon is located in the upper right hand corner of the data grid for the selected function.
Clear Settings 	Clear Settings reverts the data grid pages back to the system default settings. The Clear Settings Icon is located in the upper right corner of the data grid pages for the selected function.
Adding A New Record 	Produces a popup for entering data such as for a Trade Entry when utilizing the Trade Management function.
Updating data in a row 	The data in the popup is reloaded from TRAQS and the user is allowed to promote an action on that data. This function is most commonly used to process trade corrections.
Delete a targeted record 	Produces a popup to confirm Deletion of the current record. The grid data is reloaded when the popup closes.
Repair a record 	Produces a repair record popup which allows users to modify a transaction that was previously rejected.
Close popup 	Allows user to close a repair window.

Web Application Tool	Description/User Hint
Drop Down Boxes	Users click on a drop down box to have filter criteria presented and then click on the desired choice.
Check Boxes	Check boxes flag certain conditions that may be required to process specific transactions. In some cases checking a box may enact additional fields associated with a function; i.e. Locked-In trades.
Text Boxes	These are free form boxes that allow users to type in necessary information. Usually the text boxes have character limits; i.e. 20 characters or 50 character maximum.
Combination Text/Drop Down Boxes	These tools allow a choice of either typing in an entry (i.e. Security symbol) or selecting the data item from a drop down box.
Calendar Views	The Calendar View is an Icon that allows the user to click on the calendar in order to select specific dates and date ranges to filter out the respondent data. Users may also manually enter dates in text boxes that are adjacent to the Calendar Views.
Filter	After specific data is entered to search for information (i.e. Daily List) the Filter button is depressed to initiate the transaction to TRAQS and the user should receive the resultant data grid.
Submit	Must be used to process transactions to TRAQS for functions like Trade Reports and Reversals This is a button located on the respective web pages that must be depressed to enact the function.
Data Grid Column Views	This function can be used in concert with the Save Settings, whereby the user can choose to customize which data grid columns should be viewed for their web page results. The user needs to right click on the data grid column heading and can then click on the appropriate checkbox(s) to determine which columns should appear or not appear in a resulting data query. Users can also re-order the columns to be viewed by right-clicking on a column and placing it in the new desired column position.



	Trade Report Date	Trade Report Time	Sub-Product	Status	Side	Symbol	CUSIP	Quantity	Price	Price Override
	03/03/2011	09:39:12	ABS	T-Newly Reported Trade	S-Sell	CRAK1003696	03927NAK9	600	23.320000	
	03/03/2011	09:08:44	ABS	T-Newly Reported Trade	B-Buy	CRAK1003696	03927NAK9	5,000	800.123400	
	03/03/2011	09:08:01	ABS	T-Newly Reported Trade	B-Buy	CRAK1003696	03927NAK9	5,000	400.000000	
	03/03/2011	09:07:41	ABS	T-Newly Reported Trade	B-Buy	CRAK1003696	03927NAK9	500	400.000000	

Figure 6
Website Tools

TRACE Product Website Functionality

TRACE for Corporate Bonds vs. TRACE for Securitized Products

Function	TRACE Corporate Bonds	TRACE Securitized Products
Home Page	x	x
FINRA Home	x	x
Market State		x
Change Password		x
Settings		x
Contacts	x	x
About		x
System Alerts	X	X
Trade Entry	X	X
Trade Management*	X	X
Reversal	X	X
Reject Scan	X	X
Unmatched Trade Reports		X
Daily List	X	X
Security Scan **	X	X
Current Security Halt View		X
Security Halt History		X
Participant Scan	X	X
Product Administrator		X
Time and Sales***	X	
Bond Index Data***	X	
Security Master ****	X	X

*Supports cancels and corrections up to T-20

**Named Bond Scan for TRACE Corporate Bonds

***May be available for authorized users in a future Securitized Products software release

**** Data is available in Security Scan and can be downloaded via CSV tool

Chapter 3: Trade Reporting Requirements

As with other designated debt instruments, FINRA members are required to report Securitized Product transactions to TRACE. The rules affecting this reporting will be broken up into specific phases. Note that each Sub Product may have different reporting rules. **Please refer to FINRA Rules Series 6700 for complete guidance.**

The Table below depicts the general trade reporting rules for Securitized Product transactions.

Normal System Hours

TRAQS supports the TRACE application from 8:00 a.m. to 6:30 p.m., Eastern Time (ET).

Please refer to the TRACE Holiday Calendar for the schedule of holidays and early closings:

<http://www.finra.org/RegulatorySystems/TRACE/TRACEHolidayCalendar/index.htm>

Securitized Products Pilot Program: Commencing May 16, 2011

EOD = End of Day = Trade date; +1= next business day

TRED = Trade Report Effective Date (Issue Date)

Sub Product	Reporting Time Requirement
ABS	All trades are reportable no later than EOD T+1 regardless of Execution Time.
CMO	All trades are reportable no later than EOD TRED+1 regardless of Trade Date or Execution Time.
MBS	All trades are reportable no later than EOD T+1 regardless of Execution Time.
TBA	All trades are reportable no later than EOD T+1 regardless of Execution Time.

Chapter 4: Trade Entry

Overview

The Trade Entry page is used to enter original and As-Of transactions. The reporting party should enter all of the required fields from their firm's point of view of the trade. Trade reports for Securitized Products transactions will be retained in the system on a rolling 20 day period (T-20) and available for subsequent trade management processing (trade cancel or trade correction). A cancel of a previously reported trade submitted prior to the T-20 period is allowed via submission of the Reversal function. These functions are detailed in later chapters of this user guide.

Users have the ability to clear data in any of the respective fields or can clear the entire form by clicking on "Clear Fields".

In order to have any transaction processed the "Submit" button must be clicked once all required fields have been populated.

- Select TRACE from the Main Menu
- Select Securitized Products
 - Click on Trade Entry

TRACE / Securitized Products / Trade Entry

Side: CUSIP: Symbol:

Quantity: Contra Party ID: Capacity:

Price: ☐ Price Override

Execution Time: Settlement Date: ☐ As Of

Commission: RP Give Up: Trade Date: RP Clearing #:

☐ Special Price

Reason:

Modifier 1: Modifier 2: Modifier 3: Modifier 4:

Client Trade ID: Branch Seq #:

Memo: Factor: Special Processing:

☐ Locked-In

CP Give Up: Contra Clearing #: Contra Capacity:

Contra Commision: Contra Client Trade ID: Contra Branch Seq #:

Figure 7
Trade Entry

4.1 Trade Entry Fields and Allowed Values

Side (Required)

- *Buy* - Click this drop down to enter a report where the reporting party was the buyer.
- *Sell* - Click this drop down to enter a report where the reporting party was the seller.

CUSIP (Required if Symbol is not entered)

Enter the appropriate 9-digit CUSIP number or the TRACE symbol associated with the trade.

Symbol (Required if CUSIP is not entered)

Enter the appropriate 14 character TRACE symbol or CUSIP number that has been assigned to the security by FINRA Operations.

Quantity (Required)

This field represents the dollar amount of the trade. This field allows volume reported up to 99,999,999,999.99 and commas should not be used.

If no decimal is entered the value after the decimal will be interpreted as .00. For example if 1000 is entered the default value the system will interpret will be 1000.00.

Note: please refer FINRA Rule 6730 for guidance on quantity reporting:

http://finra.complinet.com/en/display/display_main.html?rbid=2403&record_id=12361

Contra Party ID (Required)

Enter the Market Participant Contra Party ID (CPID) of the other party to the trade. If the Contra party is a customer, “C” may be reported as a valid entry. FINRA member firms cannot qualify each other as a customer; all FINRA member firms must be identified by their own MPID, regardless of their business role (introducing broker, executing broker, etc.).

Capacity (Required)

Click the appropriate drop down value to indicate whether the reporting party is acting as Principal or Agent in the transaction. A value must be chosen for each transaction. Transactions submitted without a Capacity will be rejected.

NOTE: Regarding Agent Trades:

For regulatory audit trail purposes, TRACE requires that all sides of all trades be reported. Because of this, trades where your firm acts as agent should be reported in the same way that a principal trade would be reported. For a complete description of how to properly report agency transactions, see “How To Report Agency Transactions” section below.

Price (Required)

Enter the price at which the trade was executed as a percentage of par. Valid entry format is 9999.999999. For example, a security traded at 98.625 should be reported as “98.625”. For principal trades, the price must include any markups or markdowns. For agency trades, the price field should NOT include the commission charged, since commission is reported in a separate field.

TRACE will validate the price that the user has submitted by comparing it to other recent transactions in the same security. If the reported price is substantially different than the price determined by TRACE to be the “current market” for that security, an error message will be generated:

If a price reject occurs, the user should go back and check the price to be sure it is accurate, or that data for the wrong security is not being submitted.

If after checking the price and security it is concluded that the data is correct, the Price Override checkbox can be selected.

If the trade report still fails the price validation with the Override checked, users will need to contact FINRA Operations at **866.776.0800**, and report the trade over the telephone. Operations will inquire as to why the price is substantially different than what normal conditions should dictate.

Price Override

All transactions entered into TRACE are subject to a price validation. The Price Override checkbox allows a wider variance for the entered price to be accepted, which may be necessary in a rapidly moving security. If the entered price is greater than the override variance allows, the transaction will still be rejected. Trades which still reject, even when the Price Override is selected, must be reported telephonically to FINRA Operations Emergency Trade Reporting at **866.776.0800**. This flag should only be used after an initial attempt to report the trade resulted in a rejection due to price variance, not on initial input of the trade report.

Execution Time (Required)

Enter the time at which the trade was executed. All reported times are Eastern Time and must be entered in military time format, HHmmss (except that seconds may be entered as “00” if your system is not capable of reporting seconds). For example, if a trade was executed at 2:30 p.m., the execution time should be reported as 143000 or 14:30:00.

Settlement Date (Required)

Securitized Product trade reports require a Settlement Date to be included in the report. The format for the field is MMddyyyy.

As-Of Indicator

This field is used if an execution was done on a previous day and not yet reported. Click the As-Of button if the trade was executed on a prior day. (i.e., the trade was executed yesterday, but was not reported to TRACE until today). The original trade execution date (MMddyyyy) must be entered in the accompanying Trade Date field for As-Of trade reporting.

Trade Date (Required when As-Of Indicator Check Box is selected)

Trade date which is used when an As-Of trade is entered. The format is MMddyyyy.

Commission (Required if applicable)

The flat dollar amount charged as commission. Field for this entry is 999999.99. If no data is entered after the decimal the system will default to .00. For example, 1000 will be represented as 1000.00. Commission will only be accepted when Capacity is Agent.

RP Give Up

Enter a valid MPID of the firm on whose behalf you are submitting the trade, (i.e., a clearing firm submitting on behalf of a correspondent, would enter the correspondent’s MPID in the RP Give Up field.).

RP Clearing #

This is an optional entry field for the reporting party’s clearing firm number.

Special Price Indicator

Check this box to indicate the existence of a special trade condition that impacted the execution price.

Special Price Reason (Required when Special Price Indicator Check Box is selected)

The Special Price Indicator Reason field is a fifty character alphanumeric field used to input the special conditions underlying a specified trade, and will be shown to the Contra side. If the Special Price Indicator field is selected the Special Price Reason field must be filled in.

Modifier 1-3 (Not Applicable for input on Securitized Product transactions)**Modifier 4**

This is a qualifying entry field used to indicate the trade was executed under one or more of the following circumstances:

Modifier	Description
O	Specified Pool Transaction (applicable to MBS trades only)
N	Stipulation Trade (applicable to TBA trades only)
L	Stipulated Dollar Role (applicable to TBA trades only)
D	Dollar Roll without Stipulation (applicable to TBA trades only)
W	Weighted Average Price

If none of the above conditions are applicable to the transaction the field can be left blank.

Client Trade ID

This field is an optional 20 character alphanumeric text box which is used to indicate a user reference number.

Branch Seq #

This is an optional entry field. The Branch Sequence # is an in-house reference number assigned to the trade by the Reporting Party. It is typically used by firms with several branch offices that want to identify which branch input a particular trade. This field will accept from one to eight alphanumeric characters.

Memo

This is a field used for firm internal memo purposes. The contra side of the trade will not be able to view details of this field.

Factor

A decimal value reflecting the proportion of the outstanding principal balance of a mortgage security, which changes over time, in relation to its original principal value. This is an optional 12 character (including floating decimal meaning the decimal can be submitted anywhere in the field) field which is used to enter a value if a percentage other than the latest published Factor was used on the transaction. Factors must be positive values. Examples of data entry in this field are 1.0; 0.59875, .987654321.

Special Processing

This field is a drop-down box where users can select "Position Transfer." If the user chooses to use this value they must first gain authorization from FINRA Operations **866.776.0800**. Operations will set the authorization for the applicable transactions.

Locked-In

This is a check box that is optional. The field allows the user to indicate the trade is locked-in and if so satisfies both sides (Buy/Sell) for the trade reporting requirement.

By checking the Locked-In box the following fields will be enabled on the trade entry screen. Unchecking the Locked-In checkbox will clear and disable all of the above fields so it is necessary to have the box checked if any or all of these fields need to contain data.

- CP Give Up
- Contra Clearing Number
- Contra Capacity
- Contra Commission

- Contra Client Trade ID
- Contra Branch Sequence #

NOTE: A Uniform Services Agreement (USA) must be in place for firms to be eligible to perform Locked-In transactions.

CP Give Up

Data entered is to identify the Contra Give Up MPID and is enabled only on Locked-In trades and becomes present when the Locked-In checkbox is selected. This is an optional field.

Contra Clearing #

This optional field is to identify the Contra party clearing number and is enabled only on Locked-In trades and becomes present when the Locked-In checkbox is selected.

Contra Capacity (Required on Locked-In trades)

This is a drop down box which is required for Locked-In-In trades in order for the user to indicate if the contra party's transaction was done as Principal or Agent. The field becomes enabled only when the Locked-In checkbox is selected.

Contra Commission

This field is enabled only when the Locked-In checkbox is selected and describes the dollar amount charged as commission on the contra party. This is an optional field.

Contra Client Trade ID

This optional field is a 20 byte alphanumeric text box and describes the user reference number of the contra party for Locked-In trades. The field is only enabled when the Locked-In checkbox is enabled. This field cannot be used to perform trade management.

Contra Branch Seq#

The Contra Branch Sequence # is an in-house reference number assigned to the trade by the Contra side. This field will accept from one to eight alphanumeric characters, and is only enabled when the Locked-In checkbox is selected. This is an optional field.

How to Report Executions Done on a Non-Business Day

TRACE will accept Securitized Products trades with a non-business day execution date entered As-Of and reported the next business day.

How to Report Agency Capacity Transactions

In order to capture a complete audit trail for regulatory use, Agent capacity transactions need to be reported in the same way that principal transactions are reported. What this means is that if your firm acts as agent for your customer, the trade reports you must submit will “look” like you stood between your customer and the contra party.

For example, Firm XYZ receives an order from a customer to sell \$100000 of an asset-backed security. Acting as the customer’s agent, XYZ sells the security to ABC. Although, technically the customer sold the security to ABC with XYZ acting as their agent, the reports from XYZ would be made as follows:

Report #1: XYZ BUY \$100000 from C as Agent @ 98 and charged \$12.50 commission
Report #2: XYZ SELL \$100000 to ABC as Agent @98.

Notice that even though XYZ SOLD the security FOR their customer, they actually reported a BUY FROM the customer, followed by a SELL TO ABC. This is how a principal trade would be reported as well. Be aware that the trade tickets your firm generates for agency trades will most likely be different from the report you must submit. In the example above, you would probably have only a single SELL ticket, showing the customer vs. ABC, yet in TRACE you are reporting a BUY FROM the customer, followed by a SELL TO ABC.

Give Up and Locked-In Trade Processing

A “Give Up” trade report is reported by one FINRA Member on behalf of another FINRA Member who has a reporting responsibility. In order to do this, “Uniform Service Agreements” are required for every firm for which the reporting firm will submit. A simple example of a Give-Up would be a clearing firm that reports on behalf of its correspondent firms. The clearing firm reports the trade by entering in the clearing firm’s MPID in the Reporting Party ID (RPID) field, but “gives up” the name of the correspondent in the RP Give Up field. The trade report will be considered to have come from the correspondent for regulatory and billing purposes.

Required Agreements to process Give Up and Locked- transactions

Participant Service Agreements are agreements between two member firms allowing one firm to report trades on behalf of another firm. A firm may enter trade reports on behalf of another FINRA Member if the relationship has been established via a Participant Service Agreement (PSA).

A firm may report on behalf of the Executing Party side, the Contra Side or both sides of a trade. Service Agreements are unilateral relationships. If an agreement states that A is allowed to report on behalf of B the System shall not allow B to report on behalf of A unless a separate agreement is in place specifying that relationship.

Note: Instructions for the FINRA Participant Service Agreements, including links to the necessary agreements for Give Up and Locked-In transaction submission can be found at <http://www.finra.org/Industry/Compliance/MarketTransparency/TRACE/Legal/p005600>

NOTE: For give-up transactions reported via the website both the reporting party (the firm whose MPID is in the Reporting Party field of the trade report) and give-up (correspondent) can subsequently correct or cancel that trade report. When a FINRA member firm is logged into the TRACE web application, that firm’s MPID is automatically placed in the Reporting Party field. A clearing firm can report for a correspondent firm by putting the correspondent’s

MPID in the "RP Give-Up" field.

Locked-in trades are only able to be canceled or corrected by the reporting party to the trade.

Reporting Give Up Transactions

A Clearing firm wishes to enter a transaction on behalf of a correspondent.

- The clearing firm enters the MPID of the correspondent in the RP Give Up textbox field
- The clearing firm marks the trade as a Buy or Sell, based on whether the correspondent firm bought or sold
- Depending on what capacity the correspondent acted, the clearing firm marks the transaction as Principal or Agency in the Capacity drop down field
- The clearing firm enters any modifiers relevant to the transaction

TRACE / Securitized Products / Trade Entry

Side: [Dropdown] CUSIP: [Select a CUSIP] Symbol: [Select a Symbol]

Quantity: [Text] Contra Party ID: [Text] Capacity: [Dropdown]

Price: [Text] ☐ Price Override

Execution Time: HH:mm:ss Settlement Date: MMddyyyy Trade Date: MMddyyyy ☐ As Of

Commission: [Text] RP Give Up: [Text] RP Clearing #: [Text]

☐ Special Price

Reason: [Text]

Modifier 1: [Dropdown] Modifier 2: [Dropdown] Modifier 3: [Dropdown] Modifier 4: [Dropdown]

Client Trade ID: [Text] Branch Seq #: [Text]

Memo: [Text] Factor: [Text] Special Processing: [Dropdown]

☒ Locked-In

CP Give Up: [Text] Contra Clearing #: [Text] Contra Capacity: [Dropdown]

Contra Commission: [Text] Contra Client Trade ID: [Text] Contra Branch Seq #: [Text]

[Clear Fields] [Submit]

Figure 8
Locked-In Trade Entry Screen Partition

Locked-In transactions are trade reports representing both sides of a transaction.

Alternative Trading Systems, (ATSs) Electronic Communications Networks (ECNs), and clearing firms have the ability to match buy and sell orders, and create “locked-in” executions ready for settlement that require no further comparison by the involved parties.

ATSs and ECNs that are FINRA members (as opposed to those registered as an exchange) have the ability to report on behalf of multiple parties using a single trade report to TRACE and indicate that the trade is “locked-in” by using the Locked-In function and entering both the Reporting Party Give Up (RP Give Up) and Contra Party Give Up (CP Give Up) in the Trade Report Screen. A clearing firm that executes a trade with one of its correspondents can likewise submit a “locked-in” trade, since the clearing firm clears the trade for the correspondent. In order to do this, “Uniform Service Agreements” (GUs and Locked-In trades are covered by the same agreement) are required for every firm for which the ATS/ECN or clearing firm will submit trade reports. Depending on the scenario, a “One-sided” or “Two-sided” Locked-In trade can be submitted (as described in the Table below).

NOTE: The seller's Customer side and the buyer's Customer side are additional separate reports not covered by the Locked-In report. The use of the Locked-In trade processing function for trade reporting is optional. Instead, two separate reports, one from the Clearing firm's point of view, followed by another report from the Correspondent's point of view (using the Give-Up field) can be used instead. – When both sides of the trade are customers Locked In reports cannot be done.

NOTE: The trade reporting firm's identifier must be entered in the Contra Party ID field for Locked-In trades. Locked-In trades must also be reported as Sell transactions. Trades submitted as Locked-In and as a Buy will be rejected.

Reporting Locked-In Transactions

The table below describes common Locked-In trade scenarios and how users should use the web site to process the respective trade data.

Scenario	How To Report
Simple Give Up Clearing firm reports a trade for one of its correspondents	<ul style="list-style-type: none">• The clearing firm enters its own MPID in the Reporting Party ID textbox and the MPID of the correspondent in the RP Give Up textbox.• The clearing firm enters the MPID of the contra party in the Contra Party ID textbox.• The clearing firm marks the trade as buy or sell depending on if the correspondent firm bought or sold.• The clearing firm marks the capacity indicator as Principal or Agent depending on which capacity the correspondent acted.• The clearing firm enters any other trade details and modifiers that applied to the correspondent's trade.• The Locked-In Indicator is left blank for this transaction.

Scenario	How To Report
<p>One-sided Locked-In Trade A clearing firm executes a trade with one of its correspondents, creating a “locked-in” trade with the correspondent. To report this trade, the clearing firm fills in the following:</p> <p>OR</p> <p>A FINRA member ATS/ECN matches a Buy and a Sell order from FINRA member firms using its system which causes two executions to occur, and creates two “locked-in” trades. Each counterparty knows the ATS/ECN as its contra, i.e., the ATS/ECN provides anonymity through settlement. Two One-sided Locked-In trades would be reported Locked-In</p>	<ul style="list-style-type: none"> • The clearing firm (or ATS/ECN) enters its own MPID in the Reporting Party ID and Contra Party ID textbox (which makes it look like the clearing firm or ATS/ECN is trading with itself). • The clearing firm marks the trade as a Sell in the Side field drop down box (For Securitized Products only Sell transactions are permitted for Locked-In trades). • <i>The clearing firm clicks the Locked-In checkbox; this enables additional fields to be populated in the Trade Entry screen.</i> • The clearing firm marks the capacity indicator for itself and the correspondent. Since Locked-In trades must always be reported as a Sell, if the clearing firm Sold then the clearing firm marks its capacity in the Capacity dropdown and the correspondent’s capacity in the Contra Capacity dropdown. • The clearing firm enters any other trade details and modifiers that applied to the clearing firm. • The clearing firm enters the MPID of the correspondent firm in the proper Give Up field depending on whether the correspondent is the seller or buyer in the trade. <ul style="list-style-type: none"> ○ If the correspondent is the seller then the correspondent’s MPID is entered in the RP Give Up textbox ○ If the correspondent is the buyer then the correspondent’s MPID is entered in the CP Give Up textbox. • The clearing firm enters any other relevant data pertaining to the transaction for the correspondent in the balance of the fields in the Locked-In partition of the Trade entry screen.

NOTE: Although the One-sided Locked-In trade report is entered as a Sell, it satisfies both sides’ trade reporting requirement. A buy trade report is not required for this type of transaction.

Scenario	How To Report
<p>Two-sided Locked-In Trade</p> <p>A clearing firm is reporting on behalf of two fully disclosed correspondent firms that traded with each other. Locked-In</p> <p>OR</p> <p>A FINRA member ATS/ECN matches a Buy and a Sell order from FINRA member firms using the ATS/ECN system, which causes an execution to occur, and generates a “locked-in” trade in which the two counterparties ARE DISCLOSED TO ONE ANOTHER.</p>	<ul style="list-style-type: none"> • The clearing firm or ATS/ECN enters its own MPID in both the Reporting Party ID and Contra Party ID textboxes. • The clearing firm marks the trade as Sell. The report is made from the point of view of the correspondent who SOLD. Locked-In • The clearing firm enters the MPID of the Selling correspondent in the “RP Give Up” field. • <i>The clearing firm clicks the Locked-In checkbox; this enables additional fields to be populated in the Trade Entry screen.</i> • The clearing firm enters the MPID of the Buying correspondent in the CP Give Up textbox. • The clearing firm marks the appropriate capacity indicators for both correspondents in the Capacity and Contra Capacity dropdowns. Agency • The clearing firm enters any other relevant trade data.

NOTE: Although the Two-sided Locked-In trade report is submitted as a Sell, it satisfies both sides’ trade reporting requirement. Therefore a Buy trade report is not required. Both correspondents recognize the other as their contra party.

Accepted and Rejected Trade Reports

Accepted Trade Reports

When a trade report is submitted, TRACE will validate the transaction and, if accepted, will return a positive confirmation message acknowledgement to the submitting party. The confirmation message will return the following data:

- Control Date
- Control Number
- CUSIP
- Symbol
- Security Description
- Client Trade ID

NOTE: Trade cancellations and corrections can be performed on transactions that were reported to TRACE either on the current day or reported historically; T-20. Users have the ability to act on trades reported prior to the T-20 period by utilizing the Reversal function. These functions are explained in greater detail in the sections below.

Rejected Trade Reports

If the trade is rejected after submitting the trade entry, TRACE will return an error code () to the submitting user. The reject format will include:

- System-assigned reject reference number
- Reject Code
- Reject Reason

Any trade rejected by TRACE should be repaired and resubmitted to TRACE as soon as possible by the reporting member. Rejects not acted on by the daily TRACE system close will close automatically.

Chapter 5: Trade Management

Overview

The Trade Management function enables the user to search and view trades that were reported to TRACE within the past rolling 20 business days (T-20). Users can search by specific filtering capability, and to perform cancel and corrections on selected trades as necessary.

- Select TRACE from the Main Menu
- Select Securitized Products
 - Click on Trade Management

	Trade Report Date	Trade Report Time	Sub-Product	Status	Side	Symbol	CUSIP	Quantity	Price	Price Override
	03/03/2011	09:39:12	ABS	T-Newly Reported Trade	S-Sell	CRAK1003696	03927NAK9	600	23.320000	
	03/03/2011	09:08:44	ABS	T-Newly Reported Trade	B-Buy	CRAK1003696	03927NAK9	5,000	800.123400	
	03/03/2011	09:08:01	ABS	T-Newly Reported Trade	B-Buy	CRAK1003696	03927NAK9	5,000	400.000000	
	03/03/2011	09:07:41	ABS	T-Newly Reported Trade	B-Buy	CRAK1003696	03927NAK9	500	400.000000	

Figure 9
Trade Management

5.1 Trade Management Search Filters

Users have the ability to review specific trade activity by utilizing filter criteria from the Trade Management main menu.

Users can customize their search by: Trades Reported

- By You (Returns only trades reported by you)
- By Contra (Returns only trades reported by Contra party alleged against your firm)
- Both Views (Default; returns trades reported by you and trades reported by the contra party)
- Trade Report Date (Defaults to current date)
 - Choose date for query in dropdown (up to T-20)
- TRACE Ctrl #
 - Enter the TRACE Control # to display a specific trade. If this field is left empty all trades will be displayed based upon other filter criteria selected
- CUSIP
 - Enter the nine digit CUSIP or select a security from the dropdown to view all trades for a specific CUSIP. If this field and the Symbol field are left blank trades for all securities will be displayed
- Symbol
 - Enter the symbol or select a symbol from the dropdown to view all trades for a specific symbol. If this field and the CUSIP field are left blank trades for all securities will be displayed.
- Sub-Product
 - Choose the type of Securitized Product to be displayed from the dropdown box; choices are ABS, MBS, CMO, TBA

- Status- From the dropdown box choose the type of transaction to be displayed
 - Newly Reported Trade
 - Canceled
 - Correction Canceled (The cancel portion of a trade that was modified)
 - Correction New Trade (New trade as a result of a trade correction)
 - Reversals
 - All
- Side From the dropdown box choose the transaction side to be viewed
 - Buy – Displays trades where your firm was the buyer
 - Sell – Displays trades where your firm was the seller
- Client Trade ID
 - Enter the internal Client Trade Identifier for a specific trade
- Contra Exec Party
 - Enter the Contra Party Identifier or select one from the dropdown box to view trades with a specific contra party. If this field is left blank trades with all contra parties will be displayed based upon other filter criteria selected

5.2 Trade Management Field Definitions

Field	Description
Trade Report Date	The date the trade was reported to TRACE.
Trade Report Time	The time the trade was reported to TRACE.
Sub-Product	The type of Securitized Product; choices returned are ABS, MBS, CMO, TBS.
Status	Selection choices are: <ul style="list-style-type: none"> ○ Newly Reported Trade ○ Canceled ○ Correction Canceled (The cancel portion of a trade that was modified) ○ Correction New Trade (New trade as a result of a trade correction) ○ Reversals
Reversal Indicator	Illustrates if the transaction was a reversal.
Side	Indicates whether the trade was reported as a buy or sell.
Symbol	The symbol of the security in the trade report
CUSIP	The CUSIP Number of the affected security in the trade report.
Quantity	Displays the quantity reported in the trade (in dollar amount).
Price	Displays the prices at which the trade was executed.
Price Override	Indicates if a price override was used to process the trade report.
Reporting Party (RPID)	The identifier of the trade reporting party.
Reporting Party Give Up (RPGU)	The identifier of the trade reporting party Give Up (if entered) firm.
Reporting Party Capacity	Displays the capacity (Principal or Agent) for the reporting party.
Reporting Party Clearing Number	Displays the clearing number for the trade reporting party.
Contra Party (CPID)	Displays the identifier of the contra party to the trade.
Contra Party Give Up (CPGU)	Displays the Give Up (if entered) identifier for the contra party to the trade.
Contra Capacity	Displays the capacity (Principal or Agent) of the contra party to the trade.
Contra Clearing Number	Displays the clearing number for the contra party to the trade.
Locked-In Indicator	Lists if the Locked-In Indicator was selected for the trade.
As Of Indicator	Lists if the As Of Indicator was selected for the trade.
Execution Date	Displays the date the trade was executed.
Execution Time	Displays the time the trade was executed.
Trade Mod 1	Not applicable for entry for Securitized Products.
Trade Mod 2	Not applicable for entry for Securitized Products.


Field	Description
Trade Mod 3	This will be a system-assigned value if applicable.
Trade Mod 4	Displays the modifier associated with the trade.
Settlement Date	Displays the date the trade is reported to settle.
Seller's Commission	The flat dollar amount charged as commission on the sell side.
Buyer's Commission	The flat dollar amount charged as commission on the buy side.
Branch Sequence #	Displays code denoting the reporting party's branch office and sequence number associated with the trade report.
Contra Branch Sequence #	Displays code denoting the contra party's branch office and sequence number associated with the trade report.
Memo	This is a field used for firm internal memo purposes. The contra side of the trade will not be able to view details of this field.
Factor	A decimal value reflecting the factor reported on the trade.
Special Processing Flag	Indicates if the trade report was signified as "Position Transfer."
Special Price Indicator	Displays a notation if a special condition was used on the trade.
Special Price Reason	Displays the reason for the Special Price.
Method of Entry	Displays the way the trade were reported to TRACE; either FIX connection, CTCL, or Web entry.
Control Date	Reflects the date the system received the trade report.
Control Number	The Control Number is the unique 10-digit TRACE assigned control number of the trade.
Prior Control Date	The date for the control number of a trade that is being corrected.
Prior Control Number	The Control Number for the original trade that was subsequently corrected by a new trade. The new trade will be assigned its own Control Number.
Client Trade Identifier	Indicates the trade reporting party internal user reference number for the trade report.
Contra Client Trade Identifier	Indicates the contra party's internal user reference number for the trade report.

5.3 Canceling/Correcting a transaction

Users are able to act on previously accepted trade reports. Trades that were submitted during the past 20 business days (T-20) are available to be cancelled or corrected.

Note: Trades can be cancelled or corrected outside the T-20 timeframe via the Reversal function described in chapter 6.

To cancel a transaction

- Identify the trade to be acted on as a result of the search criteria performed
- Click on the cancel icon  next to the trade report
 - A popup will be displayed reflecting the following data fields and information
 - Symbol and CUSIP of the affected trade report
 - Side
 - Quantity
 - Price
 - Contra Party
 - Control #
 - Client Trade Identifier
- Depress Submit to enact the cancel of the selected trade
- Depress Close to exit without canceling transaction

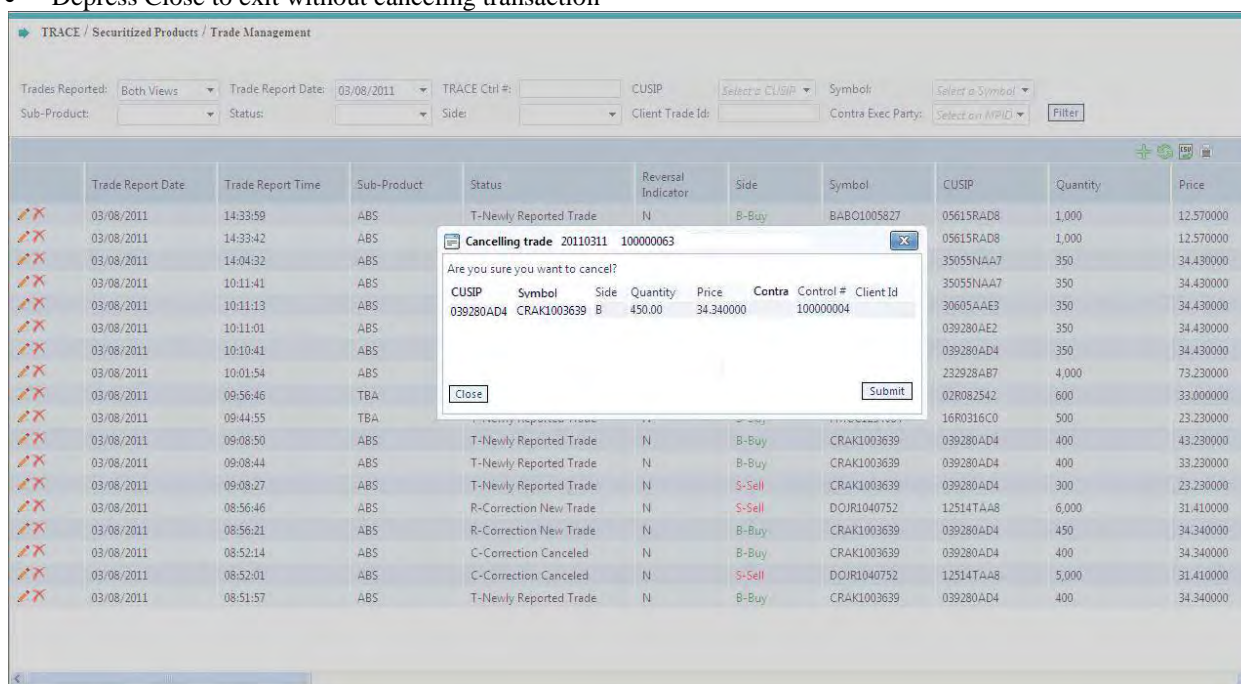


Figure 10
Cancel Trade pop-up

To correct a transaction

- Identify the trade to be acted on as a result of the search criteria performed

- Click on the pencil icon  next to the trade report

A popup will be displayed reflecting the details of the original trade and stating that a correction action is being pursued


The following data fields are populated with trade details and unless noted can be modified

- Side
 - CUSIP (Cannot be modified)
 - Symbol (Cannot be modified)
 - Quantity
 - Contra Party ID
 - Capacity
 - Price
 - Price Override
 - Execution Time
 - Settlement Date
 - As Of Indicator
 - Trade Date
 - Commission
 - Reporting Party Give Up
 - Reporting Party Clearing Number
 - Special Price Indicator
 - Special Price Reason
 - Trade Modifier 1 (Disabled)
 - Trade Modifier 2 (Disabled)
 - Trade Modifier 3 (Disabled)
 - Trade Modifier 4
 - Client Trade Identifier
 - Branch Sequence #
 - Memo
 - Factor
 - Special Processing Flag
 - Locked-In Indicator
 - Contra Party Give Up
 - Contra Clearing Number
 - Contra Capacity
 - Contra Commission
 - Contra Client Trade Identifier
 - Contra Branch Sequence #
 - TRACE Control #(Cannot be modified)
 - TRACE Control Date (Cannot be modified)
- Modify the appropriate fields and depress Submit to enact the trade correction
 - A new trade with details and a new TRACE Control Number will replace the modified trade.
 - Depress Close to exit the correction process without enacting the changes to the transaction.

Figure 11
Correcting a Trade Data Grid

Launching the Trade Entry Popup

Users working within the Trade Management functions of the website have the ability to process new trades without having to exit the Trade Management area. Once a user conducts a filtered search and information is returned in the

Data Grid a new Trade Entry Icon  will be available on the page to allow a new trade report to be submitted. The trade entry form launched from this Icon will have the same capabilities of trade reports submitted from the main Trade Report form available from the Securitized Products link on the website.

5.4 Data Actions

Users have the ability to perform various functions with the resultant Trade Reports data grid once their selection and filter criteria has been submitted to TRAQS.

Trade Management Data Refresh

As users modify data during the course of the day information contained on the website is updated. Users have the ability to refresh the current screen display of data grid by selecting the data refresh icon. The process will return the data grid with the most recent information contained in the selected data set.

Trade Management Comma Separated Value File (CSV) Export



Once a user performs the selection filtering for the Trade Management data to be returned they have the ability to export the Trade Management data into a Comma Separated Value (CSV) format by selecting the CSV icon located in the upper right corner of the Trade Management menu band. All pages containing data for the filtered search criteria will be returned. Typically users will export a CSV file into a Microsoft Excel spreadsheet. This will allow the user to further manipulate the data and perform its own analysis within its own system capabilities outside of TRAQS.

Once the CSV icon is selected the user will be prompted to open the file or to perform a Save on the file. Opening the file will transfer the data, including data headings immediately into a spreadsheet. Choosing Save will require the user to create a file path and name which will then become the current location of the file within the user's internal file directory.

Printing the Trade Management data



Hard copies of the information contained in a Trade Management request can be produced by clicking on the Print icon located in the upper right corner of the Trade Management menu band or by right clicking when the desired screen image is in view. All of the information set including column format will be printed for the current page being displayed.

Chapter 6: Reversals

Overview

The Reversals page is used to cancel or correct trades that were submitted prior to the T-20 period. Users must enter the same details of the entire original transaction when cancelling a trade that was submitted during this period. If a trade needs to be corrected for a transaction completed prior to T-20 users should cancel the original trade via the Reversal function and then enter an As-Of trade with the correct trade details.

- Select TRACE from the Main Menu
- Select Securitized Products
 - Click on Reversals

◆ TRACE / Securitized Products / Reversals

Control Date: MMddyyyy Control #:

Side: CUSIP: Symbol:

Quantity: Contra Party ID: Capacity:

Price: ☐ Price Override

Execution Time: HHmmss Settlement Date: MMddyyyy

☒ As Of Trade Date: MMddyyyy

Commission: RP Give Up: RP Clearing #:

☐ Special Price Reason:

Modifier 1: Modifier 2: Modifier 3: Modifier 4:

Client Trade ID: Branch Seq #:

Memo: Factor: Special Processing:

☐ Locked-In

CP Give Up: Contra Clearing #: Contra Capacity:

Contra Commission: Contra Client Trade ID: Contra Branch Seq #:

Figure 12
Reversals

6.1 Reversals Fields and Allowed Values

Control Date (Required)

Reflects the date the system received the original trade report.

Control # (Required)

The Control Number is the unique 10-digit TRACE assigned control number of the trade.

Side (Required)

- *Buy* - Click this drop down to enter a report where the reporting party was the buyer.
- *Sell* - Click this drop down to enter a report where the reporting party was the seller.

CUSIP (Required if Symbol is not entered)

Enter the appropriate 9-digit CUSIP number or the TRACE symbol associated with the trade.

Note: TBA Securities may use a generic TBA CUSIP that can cover multiple securities.

Symbol (Required if CUSIP is not entered)

Enter the appropriate 14 character TRACE symbol or CUSIP number that has been assigned to the security by FINRA Operations.

Quantity (Required)

This field represents the dollar amount of the trade. For Securitized Products trades, units are not applicable. This field allows volume reported up to 99,999,999,999.99 and commas should not be used.

If no decimal is entered the value after the decimal will be interpreted as .00. For example if 1000 is entered the default value the system will interpret will be 1000.00.

Contra Party ID (Required)

Enter the Market Participant Contra Party ID of the other party to the trade. If the Contra party is a customer, "C" may be reported as a valid entry. FINRA member firms cannot qualify each other as a customer; all FINRA member firms must be identified by their own MPID, regardless of their business role (introducing broker, executing broker, etc.).

Capacity (Required)

Click the appropriate drop down value to indicate whether the reporting party acted as Principal or Agent in the transaction. A value must be chosen for each transaction. Transactions submitted without a Capacity will be rejected.

Price (Required)

Enter the price at which the trade was executed as a percentage of par. Valid entry format is 9999.999999. For example, a security traded at 98.625 should be reported as "98.625". For principal trades, the price must include any markups or markdowns. For agency trades, the price field should NOT include the commission charged, since commission is reported in a separate field.

Price Override

All transactions entered into TRACE are subject to a price validation. The Price Override checkbox allows a wider variance for the entered price to be accepted, which may be necessary in a rapidly moving security. If the entered price is greater than the override variance allows, the transaction will still be rejected. Trades which still reject, even when the Price Override is selected, must be reported telephonically to FINRA Operations at **866.776.0800**. This flag should only be used after an initial attempt to report the trade resulted in a rejection due to price variance, not on initial input of the trade report.

Execution Time (Required)

Enter the time at which the trade was executed. All reported times are Eastern Time and must be entered in military time format, HHmmss (except that seconds may be entered as “00” if your system is not capable of reporting seconds). For example, if a trade was executed at 2:30 p.m., the execution time should be reported as 143000 or 14:30:00.

Settlement Date (Required)

Securitized Product trade reports require a Settlement Date to be included in the report. The format for the field is MMddyyyy.

As-Of Indicator

This field is used if an execution was done on a previous day and not yet reported. For Reversal transactions the As-Of button will be automatically checked by the system and cannot be manipulated by the user.

Trade Date (Required when As-Of Indicator check box is selected):

The original trade execution date (MMddyyyy) must be entered in the field.

Commission (Required if applicable)

The flat dollar amount charged as commission... Field for this entry is 999999.99. If no data is entered after the decimal the system will default to .00. For example, 1000 will be represented as 1000.00. Commission is only accepted when when Capacity is Agent.

RP Give Up

Enter a valid MPID of the firm on whose behalf you are submitting the trade, (i.e., a clearing firm submitting on behalf of a correspondent, would enter the correspondent’s MPID in the RP Give Up field.).

RP Clearing #

This is an optional entry field for the reporting party’s clearing firm number.

Special Price Indicator

Check this box to indicate the existence of a special trade condition that impacted the execution price.

Special Price Reason (Required when Special Price Indicator Check Box is selected)

The Special Price Reason field is a fifty character alphanumeric field used to input the special conditions underlying a specified trade, and will be shown to the Contra side. If the Special Price Indicator field is selected the Special Price Reason field must be filled in

Modifier 1-3 (Not Applicable for Securitized Product transactions)**Modifier 4**

This is a qualifying entry field used to indicate the trade was executed under one or more of the following circumstances:

Modifier	Description
O	Specified Pool Transaction (applicable to MBS trades only)
N	Stipulation Trade (applicable to TBA trades only)
L	Stipulated Dollar Role (applicable to TBA trades only)
D	Dollar Roll without Stipulation (applicable to TBA trades only)
W	Weighted Average Price

If none of the above conditions are applicable to the transaction the field can be left blank.

Client Trade ID

This field is an optional 20 character alphanumeric text box which is used to indicate a user reference number.

Branch Seq #

This is an optional entry field. The Branch Sequence # is an in-house reference number assigned to the trade by the Reporting Party. It is typically used by firms with several branch offices that want to identify which branch input a particular trade. This field will accept from one to eight alphanumeric characters.

Memo

This is a field used for firm internal memo purposes. The contra side of the trade will not be able to view details of this field.

Factor

A decimal value reflecting the proportion of the outstanding principal balance of a mortgage security, which changes over time, in relation to its original principal value. This is an optional 12 character (including floating decimal meaning the decimal can be submitted anywhere in the field) field which is used to enter a value if a percentage other than the latest published Factor was used on the transaction. Factors must be positive values. Examples of data entry in this field are 1.0; 0.59875, .987654321.

Special Processing

This field is a drop-down box where users can select "Position Transfer." If the user chooses to use this value they must first gain authorization from FINRA Operations (866.776.0800.) Operations will set the authorization for the applicable transactions.

Locked-In

This is a check box that is optional. The field allows the user to indicate the trade is Locked-In and if so satisfies both sides (Buy/Sell) for the trade reporting requirement. By checking the Locked-In box the following fields will be enabled on the trade entry screen:

- CP Give Up
- Contra Clearing #
- Contra Capacity
- Contra Commission
- Contra Client Trade ID
- Contra Branch Seq #

Note: Unchecking the Locked-In checkbox will clear and disable all of the above fields so it is necessary to have the box checked if any or all of these fields need to contain data.

CP Give Up

Data entered is to identify the Contra Give Up MPID and is enabled only on Locked-In trades and becomes present when the Locked-In checkbox is selected. This is an optional field.

Contra Clearing #

This optional field is to identify the Contra party clearing number and is enabled only on Locked-In trades and becomes present when the Locked-In checkbox is selected.

Contra Capacity (Required on Locked-In trades)

This is a drop down box which is required for Locked-In trades in order for the user to indicate if the transaction was done as Principal or Agent. The field becomes enabled only when the Locked-In checkbox is selected.

Contra Commission

This field is enabled only when the Locked-In checkbox is selected and describes the dollar amount charged as commission on the buy side. This is an optional field.

Contra Client Trade ID

This optional field is a 20 byte alphanumeric text box and describes the user reference number for Locked-In trades. The field is only enabled when the Locked-In checkbox is enabled. This field cannot be used to perform trade management.

Contra Branch Seq #

The Contra Branch Sequence # is an in-house reference number assigned to the trade by the Contra side. This field will accept from one to eight alphanumeric characters, and is only enabled when the Locked-In checkbox is selected. This is an optional field.

6.2 *Reversal action*

Upon entering the data the user should depress Submit to enact the reversal.

If the reversal is accepted the following information will be returned to the user:

- Control Date
- Control Number
- CUSIP
- Symbol
- Security Description
- Client Trade ID

If the reversal is rejected the following information will be returned to the user:

- System assigned reject number
- Reject Reason Code
- Reject Reason

Chapter 7: Reject Scan

Overview

The Reject Scan allows a trade reporting party to search and view rejected trades by utilizing specific search filtering criteria. Reporting parties can repair rejected transactions (trades, corrections, reversals) regardless of the originating source (Web entry, CTCL, FIX) for the trade.

Current day transaction rejects will be able to be viewed and acted on in the reject scan. Transaction rejects produced for prior day(s) activity within the T-20 time period will be view only and cannot be acted on.

- Select TRACE from the Main Menu
- Select Securitized Products
 - Click on Reject Scan

7.1 Reject Scan Search Filters

Users have the ability to review specific transaction rejects by utilizing filter criteria from the Reject Scan main menu. Users can customize their search by

- Entry Type
 - New Trade
 - Correction
 - Reversal
- CUSIP (The CUSIP Number assigned to the security)
 - Enter the CUSIP or select from the dropdown box
- Symbol (The TRACE Securitized Product symbol assigned to the security)
 - Enter the symbol or select from the dropdown box
- Reject Status (Select from the dropdown box)
 - Failed
 - Rejected (Rejects that require follow up action)
 - Repaired (Rejects that have been successfully repaired on the TRAQS website)
 - Closed Rejects (Rejects that were closed by an unsuccessful repair or close request)
 - All
- Reject Reason Code
- Depress Filter to enact the search request

	Reject Status	Entry Type	Client Trade Identifier	Side	Symbol	CUSIP	Sub-Product	Quantity	Price	Reporting or RPGL
	J-Rejected	T-Newly Reported Trade		S-Sell	DOJS1041014		ABS	4000.00	73.230000	FNRA
	J-Rejected	T-Newly Reported Trade		B-Buy	FMCF1042882		ABS	350.00	34.430000	NDMO
	J-Rejected	T-Newly Reported Trade		S-Sell	DUG1041027		ABS	300.00	23.670000	

Figure 13
Reject Scan

7.2 Reject Scan Field Definitions

Field	Description
Reject Reason Code	Displays the reject code associated with the transaction.
Reject Control Number	The TRAQS-assigned reject number for the transaction.
Reject Status	Identifies the current state of the specific reject; Values are: <ul style="list-style-type: none"> ○ Rejected (Rejects that require follow up action) ○ Repaired (Rejects that have been successfully repaired on the TRAQS website) ○ Repair Failed ○ Closed Rejects (Rejects that were closed by an unsuccessful repair or close request)
Entry Type	Identifies the type of transaction in the scan; Values are: Trade Entry Correction Reversal
Client Trade Identifier	The Client Trade Identifier indicates an internal user reference number for the transaction.
Side	The side of the trade that the reporting party was on.
Symbol	The symbol of the security in the trade report.
CUSIP	The CUSIP Number of the affected security in the trade report.
Sub Product	The type of Securitized Product; choices returned are ABS, MBS, CMO, TBS.
Quantity	The size of the trade report (in dollars).
Price	The price of the trade report.
Reporting Executing Party	The identifier of the trade reporting party for the execution.
Contra Executing Party	The contra side of the execution.
Execution Date	Displays the date the trade was executed.
Execution Time	Displays the time the trade was executed.

Reject Control Number

When a transaction has been originally rejected by the TRAQS system due to a failed validation check(s) a system Reject Control Number will be assigned to that specific transaction. This number will be identified in the Data Grid as a result of a Reject Scan request and will be a unique number for that specific transaction.


If a user, subsequent to the original reject, attempts to repair the rejected transaction and the repair also is rejected a new Reject Control Number will be assigned to that transaction,

7.3 Repairing a Reject

Trade Entry Repair

This function allows a user to repair a reject of an attempted trade entry.

To enact a repair of a trade entry:

- Access the transaction via the Reject Scan
- Click the Repair Icon  on the line of the trade transaction to be repaired
- The Trade Entry – Repair Window will appear with the details of the rejected transaction populated in the data fields and the Reject Reason Code(s) will be located on the screen
- Adjust the information in the data fields that correspond to the reject
- Depress Submit to enact the Trade Entry Repair

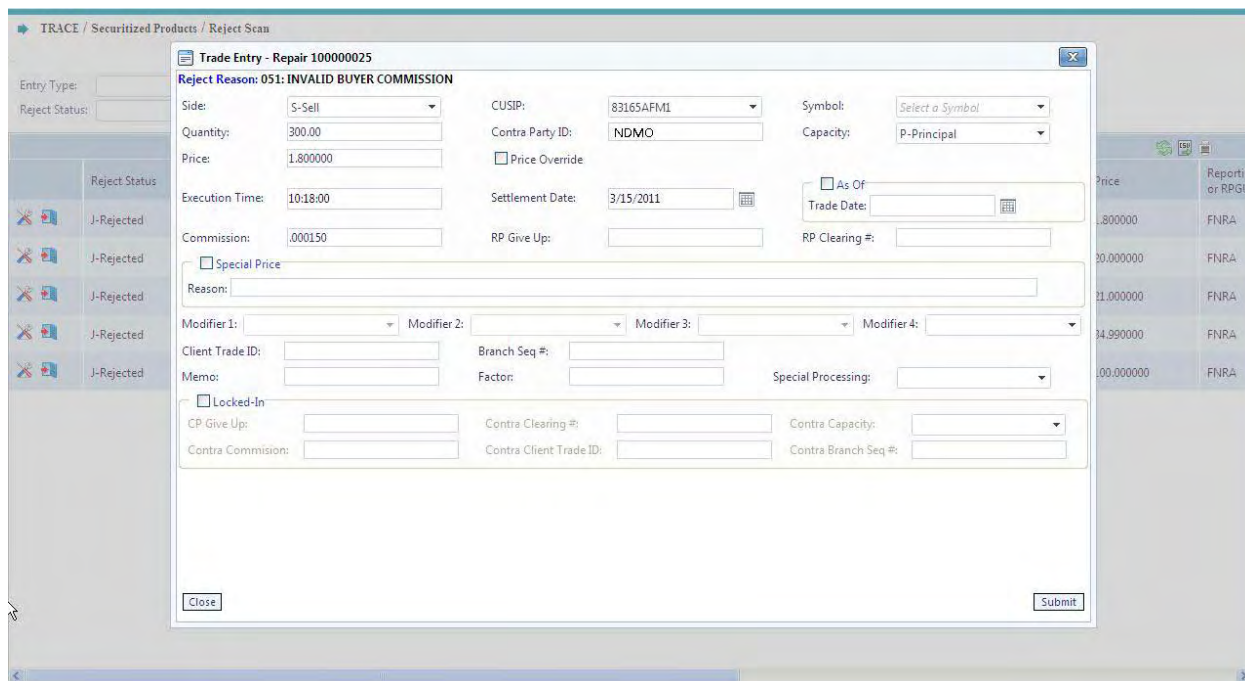


Figure 14
Trade Entry - Repair

Repairing a Reject – Trade Entry Fields


The following data fields are populated with trade details and unless noted can be modified

- Side
- CUSIP
- Symbol
- Quantity
- Price
- Price Override
- Contra Party ID
- Capacity
- Execution Time
- Settlement Date
- As Of Indicator
- Trade Date
- Commission
- RP Give Up
- RP Clearing Number
- Special Price Indicator
- Special Price Reason
- Trade Modifier 1 (Disabled)
- Trade Modifier 2 (Disabled)
- Trade Modifier 3 (Disabled)
- Trade Modifier 4
- Client Trade ID
- Branch Seq #
- Memo
- Factor
- Special Processing Flag
- Locked-In Indicator
- CP Give Up
- Contra Clearing #
- Contra Capacity
- Contra Commission
- Contra Client Trade ID
- Contra Branch Seq #

Trade Correction Repair

This function allows a user to repair a reject of an attempted trade correction.

To enact a repair of a trade correction:

- Access the transaction via the Reject Scan
- Click the Repair Icon  on the line of the correction transaction to be repaired
- The Correction – Repair Window will appear with the details of the rejected transaction populated in the data fields and the Reject Reason Code(s) will be located on the screen
- Adjust the information in the data fields that correspond to the reject
- Depress Submit to enact the Correction Repair

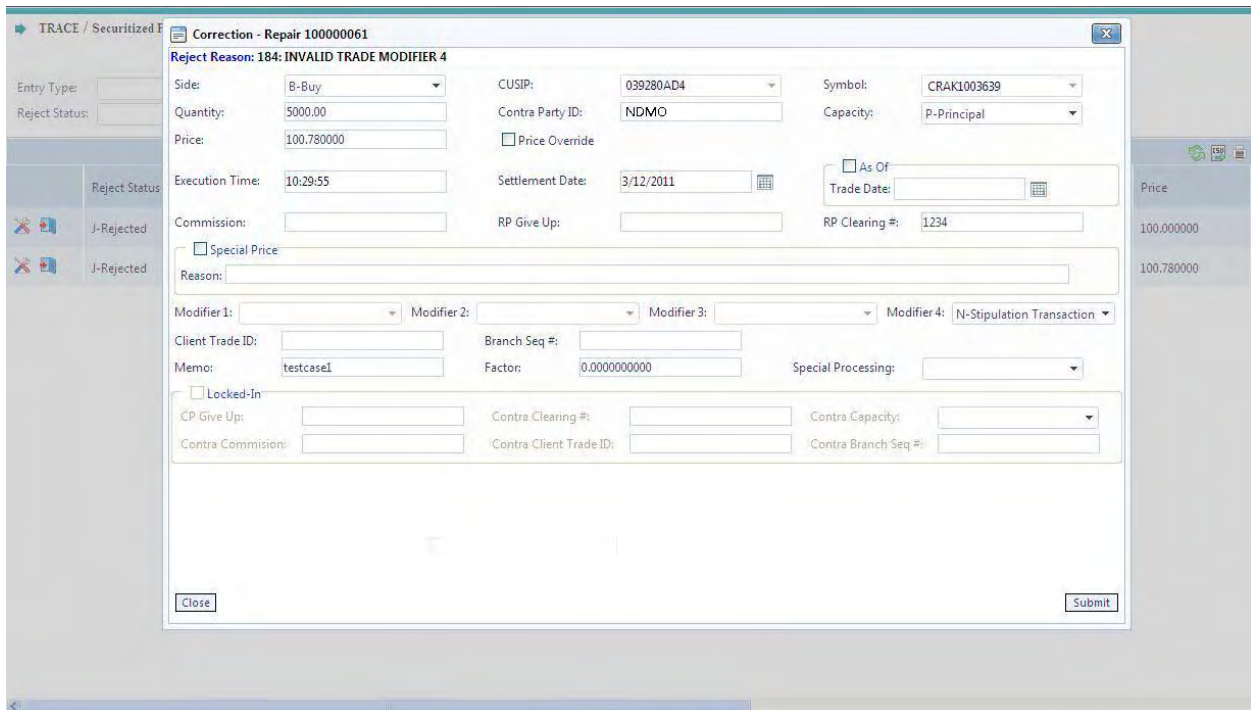


Figure 15
Correction - Repair

Repairing a Reject – Correction Fields


The following data fields are populated with correction details and unless noted can be modified

- Side
- CUSIP (Cannot be modified)
- Symbol (Cannot be modified)
- Quantity
- Contra Party ID
- Capacity
- Price
- Price Override
- Execution Time
- Settlement Date
- As Of Indicator
- Trade Date
- Commission
- RP Give Up
- RP Clearing #
- Special Price Indicator
- Special Price Reason
- Trade Modifier 1 (Disabled)
- Trade Modifier 2 (Disabled)
- Trade Modifier 3 (Disabled)
- Trade Modifier 4
- Client Trade ID
- Branch Seq #
- Memo
- Factor
- Special Processing Flag
- Locked-In Indicator
- CP Give Up
- Contra Clearing #
- Contra Capacity
- Contra Commission
- Contra Client Trade ID
- Contra Branch Seq #

Reversal Repair

Users are able to repair a reject of a Reversal that was processed during the current day.

To enact a repair of a Reversal:

- Access the transaction via the Reject Scan
- Click the Repair Icon  on the line of the Reversal transaction to be repaired \
- The Reversal – Repair Window will appear with the details of the rejected transaction populated in the data fields and the Reject Reason Code(s) will be located on the screen
- Adjust the information in the data fields that correspond to the reject
- Depress Submit to enact the Reversal Repair

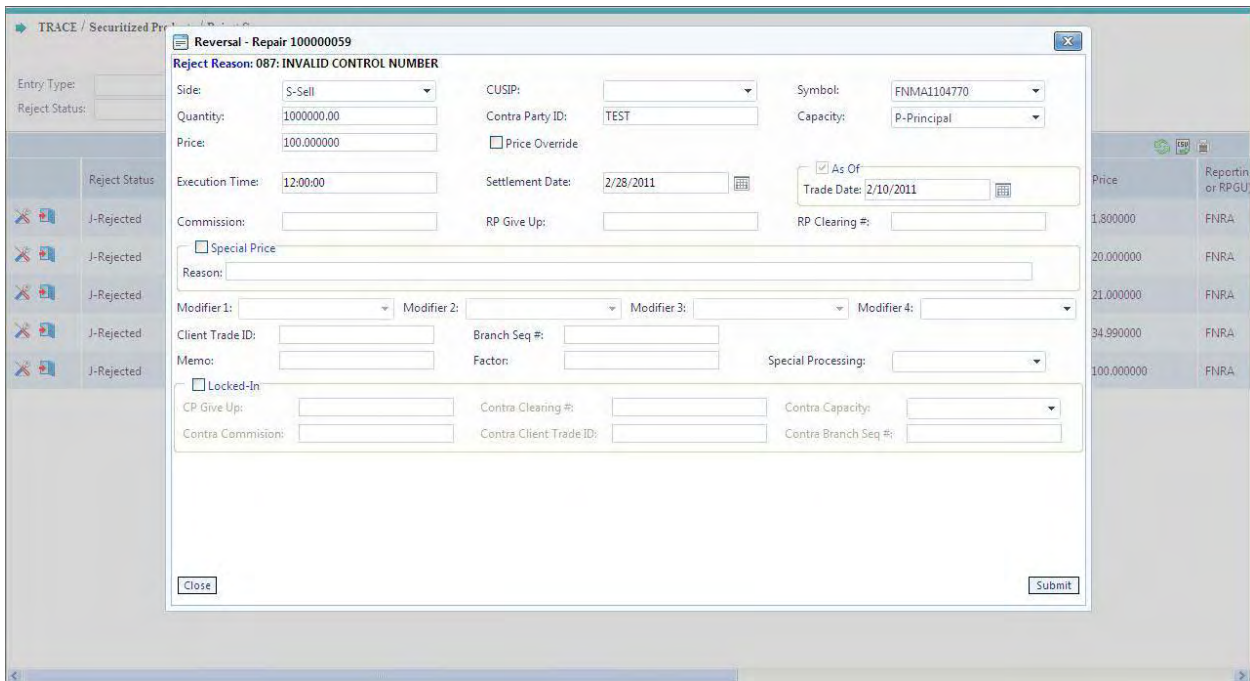


Figure 16
Reversal - Repair

Repairing a Reject – Reversal Fields

The following data fields are populated with trade details and unless noted can be modified

- Control Date (Cannot be modified)
- Control # (Cannot be modified)
- Side
- CUSIP (Cannot be modified)
- Symbol (Cannot be modified)
- Quantity
- Contra Party ID
- Capacity
- Price
- Price Override
- Execution Time
- Settlement Date
- As Of Indicator
- Trade Date

- Commission
- RP Give Up
- RP Clearing Number
- Special Price Indicator
- Special Price Reason
- Trade Modifier 1 (Disabled)
- Trade Modifier 2 (Disabled)
- Trade Modifier 3 (Disabled)
- Trade Modifier 4
- Client Trade Identifier
- Branch Sequence #
- Memo
- Factor
- Special Processing Flag
- Locked-In Indicator
- CP Give Up
- Contra Clearing Number
- Contra Capacity
- Contra Commission
- Contra Client Trade Identifier
- Contra Branch Sequence #

7.4 Closing a Reject

Once a user has accessed a record from the Reject Scan they must decide if they are to take action on that record, either attempt to repair it or close the record. A “Close” reject action will indicate the user does not wish to take action on the rejected transaction instead of attempting to modify the record and have the system re-process it. However, once the close action is selected users will not have another opportunity to repair that specific transaction.

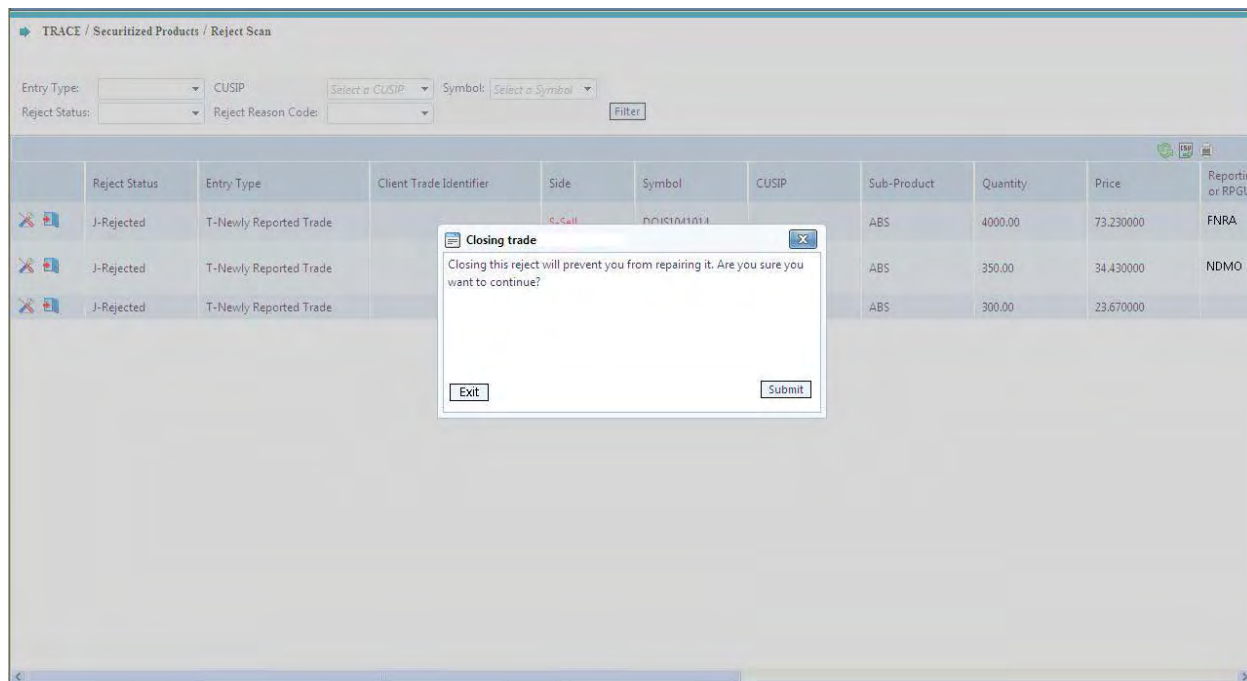



Figure 17
Closing Reject

To close a repair of a rejected transaction:

- Access the transaction via the Reject Scan
- Click the Close Icon  on the line of the transaction to be repaired
- The Close Reject Popup window will appear
- A system validation will ask if you wish to close the repair function
- Depress Submit and then X to affect the Close reject
- Or
- Depress Exit to escape the window without closing the reject

If no user action is taken on a rejected transaction because the user closed the repair function or if no repair action was taken by the user by the time of system close the system will consider that transaction closed and will not allow the user to attempt to repair it.

7.5 Data Actions

Users have the ability to perform various functions with the resultant Reject Scan data grid once their selection and filter criteria has been submitted to TRAQS.

Reject Scan Data Refresh



Information contained in the Reject Scan data grid is can be updated during the course of the day. Users have the ability to refresh the current screen display of data grid by selecting the Refresh Icon located in the upper right corner of the Reject Scan menu band. This action will return the data grid with any new information contained in the selected data set.

Reject Scan Comma Separated Value File (CSV) Export



Once a user performs the selection filtering for the Reject Scan data to be returned they have the ability to export the reject Scan data into a Comma Separated Value (CSV) format by selecting the CSV icon located in the upper right corner of the Reject Scan menu band. All pages containing data for the filtered search criteria will be returned. Typically users will export a CSV file into a Microsoft Excel spreadsheet. This will allow the user to further manipulate the data and perform its own analysis within its own system capabilities outside of TRAQS.

Once the CSV icon is selected the user will be prompted to open the file or to perform a Save on the file. Opening the file will transfer the data, including data headings immediately into a spreadsheet. Choosing Save will require the user to create a file path and name which will then become the current location of the file within the user's internal file directory.

Printing the Reject Scan



Hard copies of the information contained in a Reject Scan request can be produced by clicking on the Print icon located in the upper right corner of the Reject Scan menu band or by right clicking when the desired screen image is in view. All of the information set including column format will be printed for the current page being displayed.

Chapter 8: Unmatched Trade Reports

Overview

Unmatched Trade Reports are produced to ensure trades are accurate versus what a contra party to a trade is verifying. These reports are available to FINRA reporting firms for trades done on an intra-dealer (not customer) basis, and where their reported trades do not have a corresponding match against the reported contra broker dealer's trade report or could potentially be duplicate submissions, or where trades were reported against them (alleged) and no matching report was found.

In order to support this function TRAQS stores the current day and past four business days of data (on a rolling basis) and users may enter the trade date they are interested in viewing.

- Select TRACE from the Main Menu
- Select Securitized Products
 - Click on Unmatched Trade Reports



Trade Report Date	Trade Date	Execution Time	Reporting Party	Reporting Party Capacity	Contra	Symbol	CUSIP	Side	Quantity
03/11/2011	03/11/2011	08:25:00	FNRA	P	NDMO	SMB41268919	831644W/X9	B	5,200
03/11/2011	03/11/2011	09:00:00	FNRA	P	NDMO	CRAK1003639	039280AD4	S	500
03/11/2011	03/11/2011	10:35:00	FNRA	P	NDMO	YALE1241808	984582AD8	B	1,000
03/11/2011	03/11/2011	10:44:00	FNRA	P	NDMO	YALE1241808	984582AD8	S	750

Figure 18
Unmatched Trade Reports

8.1 Unmatched Trade Reports Search Filters

Users have the ability to filter specific data searches from the Unmatched Trade Reports query depending on the information desired. Users can customize their search by:

- Trades Reported By
 - By Both Views (Default) By You or By Contra
- CUSIP
- Symbol
- Contra
- Trade Report Date

Once the user has decided upon the information to be retrieved the “Filter” button should be depressed to return the desired data results.

To clear the screen of the returned data results and return to a new data submission form the user can right click and press “Refresh” or select the Unmatched Trade Reports from the Securitized Products drop down on the TRACE main menu.

8.2 Unmatched Trade Reports Field Definitions

Field	Description
Trade Report Date	The date the trade was reported to TRACE.
Trade Date	The date the execution of the trade took place.
Execution Time	The time which the trade was executed.
Reporting Party	The firm who was the reporting party for the trade.
Contra Party	The firm who was on the opposite side of the trade.
Symbol	The symbol of the security in the trade report.
CUSIP	The CUSIP Number of the affected security in the trade report.
Side	The side of the trade that the reporting party was on.
Quantity	The size of the trade report (in dollars).
Price	The price of the trade report.
Factor	A decimal value reflecting the proportion of the outstanding principal balance of a mortgage security, which changes over time, in relation to its original principal value.
Client Trade Identifier	The Client Trade Identifier indicates an internal user reference number for the transaction.
Branch Sequence #	The Branch Sequence # is an in-house reference number assigned to the trade by the Reporting Party.
Control Number	The Control Number is the unique 10-digit TRACE assigned control number of the trade.
Comments	Identifies miscellaneous information regarding the trade report.

8.3 Data Actions

Users have the ability to perform various functions with the resultant Unmatched Trade Reports data grid once their selection and filter criteria has been submitted to TRAQS.

Unmatched Trade Reports Data Refresh



Information contained in the Unmatched Trade Reports data grid is sometimes updated during the course of the day. Users have the ability to refresh the current screen display of data grid by selecting the Refresh Icon located in the upper right corner of the Unmatched Trade Reports menu band. This action will return the data grid with any new information contained in the selected data set.

Unmatched Trade Reports Comma Separated Value File (CSV) Export



Once a user performs the selection filtering for the Unmatched Trade Reports data to be returned they have the ability to export the Unmatched Trade reports data into a Comma Separated Value (CSV) format by selecting the CSV icon located in the upper right corner of the Unmatched Trade Reports menu band. All pages containing data for the filtered search criteria will be returned. Typically users will export a CSV file into a Microsoft Excel

spreadsheet. This will allow the user to further manipulate the data and perform its own analysis within its own system capabilities outside of TRAQS.

Once the CSV icon is selected the user will be prompted to open the file or to perform a Save on the file. Opening the file will transfer the data, including data headings immediately into a spreadsheet. Choosing Save will require the user to create a file path and name which will then become the current location of the file within the user's internal file directory.

Printing the Unmatched Trade Reports



Hard copies of the information contained in an Unmatched Trade Reports request can be produced by clicking on the Print icon located in the upper right corner of the Unmatched Trade Reports menu band or by right clicking when the desired screen image is in view. All of the information set including column format will be printed for the current page being displayed.

Chapter 9: Daily List

Overview

The Daily List is a summary of the security and participant additions, deletions, and symbol changes made to the Data Master file on a given day. Clicking on the Daily List menu item will take the user directly to the most recent Daily List available.

Users can filter out data by specific date in order to view a historical capture of a day's Daily List.

The Daily List is available on an intra-day basis, i.e., additions, deletions and symbol changes performed during the current day will be available for viewing the intra-day Daily List will be updated real-time starting at approximately 8:00am ET, up until system close. The intra-day Daily List will be a cumulative list, meaning all adds/deletes/changes will continue to appear throughout every updated list during the day.

- Select TRACE from the Main Menu
- Select Securitized Products
 - Click on Daily List

DL Date	DL Reason	Sub-Product	Trade Report Effective Date	Symbol	CUSIP	Issuer Name	Description	Pool Number
02/04/2011	MOT	ABS	02/07/2011	ONHT3279378	TST123456	125 HOME LOAN OWNER TRUST	TEST TEST TEST TEST123	
02/04/2011		ABS	02/07/2011	ONHT3279378	TST123456	125 HOME LOAN OWNER TRUST	TEST TEST TEST TEST123	
02/08/2011		CMO	02/02/2011	ABCDE1451318	00764MB66	Testing ID	AABST 041 M2 Mezz Seq Flt AEGIS ASSET BACKED SECURITIES TRUST Mortgage Pass-	
02/08/2011	blk	ABS	02/08/2011	ACADIA3279381	ACADIA777	ACADIA FINANCIAL SECURITIES ISSUER	ACADIA FINANCIAL Commercial M ACADIA777-DEAL-001	
02/08/2011	MOT	TBA	02/08/2011	ACADIA3279382	ACADIA776	ACADIA FINANCIAL SECURITIES ISSUER	ACADIA FINANCIAL TEST TEST TEST - GNM1A1	
02/08/2011	MTR	MBS	02/08/2011	ACADIA3279383	ACADIA753	ACADIA FINANCIAL SECURITIES ISSUER	ACADIA FINANCIAL TEST TEST ALL CHAR ~!@#\$%^&*()_+={ }[]";'<>?.,/\	97
02/08/2011	DAX	CMO	02/08/2011	ACADIA3279384	ACADIA555	ACADIA FINANCIAL SECURITIES ISSUER	ACADIA FINANCIAL SECURITIES T ACADIA555 DEAL ***123***	
02/08/2011		ABS	02/02/2011	AIMO1453654	008894AA5	AIMCO CDO	AIMCO 00A A Sr Seq Flt AIMCO CDO, Series 2000-A Corp2000-A	

Figure 19
Daily List Security

9.1 Daily List Search Filters

Users have the ability to filter specific data searches from the Daily List depending on the information desired.

Users can customize their search by:

- Daily List Type (Either Security or Participant; Default = Security)
- Search By
 - If Daily List Type is Security then users can search by Symbol or Security Name
 - If Daily List Type is Participant then users can search by MPID or Firm Name
- Date Range (Enter in the dates of a Daily List that are to be reviewed) Default is current day only.
- Search Criteria
- Category

Additions
Deletions
Changes

Once the user has decided upon the information to be retrieved the “Filter” button should be depressed to return the desired data results.

To clear the screen of the returned data results and return to a new data submission form the user can right click and press “Refresh” or select the Daily List from the Securitized Products drop down on the TRACE main menu.

9.2 Field Definitions

Daily List Type: Security; Category: Addition or Deletion

Field	Description
DL Date	The date chosen for the Daily List report.
DL Reason Description	Reason for the action being taken on the security;
Sub Product Type	The Sub Product identifier for the Securitized Product; ABS, CMO, TBA, MBS.
Trade Report Effective Date – Additions only	The date the security is first eligible for trade reporting.
Effective Date – Deletions only	The effective date of the security deletion
Symbol	The security symbol affected in the addition
CUSIP	The CUSIP Number of the affected security in the addition.
Issuer Name	The security issuer name.
Description	The security issuer name description.
Pool Number	The number of the Pool for the collection of mortgage loans assembled by an originator or master servicer as the basis for the security.
Coupon Rate	The interest payment made on the security.
Maturity Date	The date when the principal amount of the security is repaid to the investor along with the final interest payment.
TBA Settlement Month	Represents the month of settlement for TBA securities.
Comments	Provides further explanation of affected transaction.

Daily List Type: Security; Category: Changes

Field	Description
DL Date	The date chosen for the Daily List report.
DL Reason Description	Reason for the action being taken on the security.
Old Sub Product Type	The previous Sub Product type for the affected security; potential values are: ABS, CMO, TBA, and MBS.
New Sub Product Type	The new Sub Product type for the affected security; potential values are: ABS, CMO, TBA, and MBS.
Old Trade Report Effective Date	The previous date when the security was first eligible for trade reporting.
New Trade Report Effective Date	The new date the security is eligible for trade reporting.
Old Symbol	The original security symbol affected in the change.
New Symbol	The new symbol of the security affected in the change.
Old CUSIP	The previous CUSIP Number of the affected security in the change.
New CUSIP	The new CUSIP Number of the affected security in the change.
Old Issuer Name	The previous security issuer name affected in the transaction.
New Issuer Name	The new security issuer name in the transaction.

Field	Description
Old Description	The previous security description affected in the transaction.
New Description	The new security description affected in the transaction.
Old Pool Number	The previous number of the Pool for the collection of mortgage loans assembled by an originator or master servicer as the basis for the security.
New Pool Number	The new number of the Pool for the collection of mortgage loans assembled by an originator or master servicer as the basis for the security.
Old Coupon Rate	The previous interest payment made on the security.
New Coupon Rate	The new interest payment made on the security.
Old Maturity Date	The previous date when the principal amount of the security is repaid to the investor along with the final interest payment.
New Maturity Date	The new date when the principal amount of the security is repaid to the investor along with the final interest payment.
Old TBA Settlement Month	The previous Settlement Month for a TBA security.
New TBA Settlement Month	The new Settlement Month for a TBA security.
Comments	Provides further explanation of affected transaction.

Daily List Type: Participant; Category: Addition or Deletion

TRACE / Securitized Products / Daily List

Daily List Type: Participant Search By: MPID Search Criteria:

From Date: 3/1/2011 To Date: 3/6/2011 Category: PA-Participant Addition Filter

DL Date	Effective Date	MPID	Firm Name	Comments
03/03/2011	03/03/2011	C	FINRA Customer	Participant Addition
03/02/2011	08/04/2010	WTCO	WILLIAMS TRADING LLC	Participant Addition
03/02/2011	09/03/2010	MAPL	MAPLE SECURITIES U.S.A. INC.	Participant Addition
03/01/2011	03/01/2011	WATH	TD AMERITRADE, INC.	Participant Addition
03/01/2011	03/01/2011	WCOM	WESCOM FINANCIAL SERVICES	Participant Addition
03/01/2011	10/27/2010	FNRA	FINRA OPERATIONS	Participant Addition

Figure 20
Daily List Participant

Field Definitions

Daily List Type: Participant; Category: Addition or Deletion

Field	Description
DL Date	The date chosen for the Daily List report.
Effective Date	The date the respective action (addition, deletion) is applied.
MPID	The market participant identifier of the firm being affected by the transaction.
Firm Name	The name of the firm being affected by the transaction.
Comments	Provides further explanation of affected transaction.

Daily List Type: Participant; Category: Change

Field	Description
DL Date	The date chosen for the Daily List report.
DL Reason Description	Reason for the action being taken by the transaction.
Effective Date	The date the transaction on the participant is effective.
Old MPID	The previous market participant identifier.
New MPID	The new market participant identifier.
Old Firm Name	The previous name of the market participant.
New Firm Name	The new name of the market participant.
Comments	Provides further explanation of affected transaction.

9.3 Data Actions

Users have the ability to perform various functions with the resultant Daily List data grid once their selection and filter criteria has been submitted to TRAQS.

Daily List Data Refresh



Information contained in the Daily List data grid is sometimes updated during the course of the day. Users have the ability to refresh the current screen display of data grid by selecting the Refresh Icon located in the upper right corner of the Daily List menu band. All pages containing data for the filtered search criteria will be returned. This action will return the data grid with any new information contained in the selected data set.

Daily List Comma Separated Value File (CSV) Export



Once a user performs the selection filtering for the Daily List data to be returned they have the ability to export the Daily List data into a Comma Separated Value (CSV) format by selecting the CSV icon located in the upper right corner of the Daily List menu band. Typically users will export a CSV file into a Microsoft Excel spreadsheet. This will allow the user to further manipulate the data and perform its own analysis within its own system capabilities outside of TRAQS.

Once the CSV icon is selected the user will be prompted to open the file or to perform a Save on the file. Opening the file will transfer the data, including data headings immediately into a spreadsheet. Choosing Save will require the user to create a file path and name which will then become the current location of the file within the user's internal file directory.

Printing the Daily List



Hard copies of the information contained in a Daily List request can be produced by clicking on the Print icon located in the upper right corner of the Daily List menu band or by right clicking when the desired screen image is in view. All of the information set including column format will be printed for the current page being displayed.

Chapter 10: Security Scan

Overview

The Security Scan allows the user to view securities handled in the TRAQS system. Users can filter a request to view a specific subset of securities or can choose to view all securities. The resultant information provided for each request is “View Only” as users will not have any ability to manipulate this data. Once the user determines the information to be returned they must submit the request by selecting “Filter” on the request screen.

- Select TRACE from the Main Menu
- Select Securitized Products
 - Click on Security Scan

Symbol	Security Name	CUSIP	Pool Number	Deal Id	Tranche Id	Subproduct	Subproduct Asset	Subproduct Asset Description	Issuer Name
ABCD1000149	ABCD5 061 E Mezz Seq Ftt ABCDS 2006-1	000563AA4		2006-1	E	ABS	CDO		ABCD5 LTD

Figure 21
Security Scan

10.1 Security Scan Search Filters

Users have the ability to filter specific data searches from the Security Scan depending on the information desired. Leaving all fields blank will return all securities in the SP database. Users can also customize their search by the following fields:

- CUSIP – this is a drop down selection tool that allows the users to leave blank (to return all CUSIP numbers); choose a specific CUSIP Number from the drop down box pre-loaded list, or, manually type in the specific CUSIP Number.
- Symbol – this is a drop down selection tool that allows users to leave blank (to return all securities); choose a specific symbol from the drop down box pre-loaded list, or, manually type in the specific known security symbol.
- Security Name – this is a text box that allows the user to type in a security name or truncated version of the security name. Multiple records of a Security Name may be returned in the data grid if this filter is used.
- Issuer name – this is a drop down selection tool that allows the user to choose the Issuer Name of the security. Multiple records of an Issuer Name may be returned for this query.
- Sub Product – this is a drop down selection tool that allows the user to choose between the four sub product classes in TRACE-Eligible Securitized Products; ABS, MBS, TBA, CMO

Users have the ability to process new Security Scan requests by clearing the current data grid.

To clear the screen of the previous returned data results and refresh the page to a new data submission form the user can right click and press “Refresh” or select the Security Scan from the Securitized Products drop down on the TRACE main menu.

10.2 Security Scan Field Definitions

Field	Description
CUSIP	The CUSIP Number assigned to the security.
Symbol	The assigned symbol for the security.
Pool Number	The number of the Pool for the collection of mortgage loans assembled by an originator or master servicer as the basis for the security.
Deal ID	The identifier of the overall security offering; applicable to ABS and CMO only.
Tranche ID	The identifier of the portion of the security offering; applicable to ABS and CMO only. .
Sub Product	The Sub Product identifier for the Securitized Product; values are ABS, CMO, TBA, MBS.
Sub Product Asset	Four character identifier of the asset within each Sub Product.
Sub Product Asset Description	Description of the Sub Product asset.
Issuer Name	Elongated name of the security.
Security Description	The description of the security.
Coupon Rate	The interest payment made on the security.
Coupon Type	The specific type of Coupon associated with the security.
Coupon Type Description	The description of the Coupon Type associated with the security.
Interest Type	The Interest Type for the affected security.
Interest Type Description	The Interest Type description for the affected security.
Trade Report Effective Date	The date the security was first eligible for trade reporting.
Maturity Date	The date when the principal amount of the security is repaid to the investor along with the final interest payment.
TBA Settlement Month	The month for which the settlement date for TBA securities has been established.
Grade	A flag which indicates if the security is Investment Grade (I) or High Yield (H).
Moody's Rating	The current assigned Moody's rating to the security
144A Indicator	A flag which indicates if the security is a 144A security.

10.3 Data Actions

Users have the ability to perform various functions with the resultant Security Scan data grid once their selection and filter criteria has been submitted to TRAQS.

Security Scan Data Refresh



Information contained in the Security Scan data grid is sometimes updated during the course of the day. Users have the ability to refresh the current screen display of the data by selecting the Refresh icon located in the upper right corner of the Security Scan menu band. This action will return the data grid with any new information contained in the selected data set.

Daily List Comma Separated Value File (CSV) Export



Once a user performs the selection filtering for the Security Scan data to be returned they have the ability to export the Scan data into a Comma Separated Value (CSV) format by selecting the CSV icon located in the upper right corner of the Security Scan menu band. All pages containing data for the filtered search criteria will be returned. Typically users will export a CSV file into a Microsoft Excel spreadsheet. This will allow the user to further manipulate the data and perform its own analysis within its own system capabilities outside of TRAQS.

Once the CSV icon is selected the user will be prompted to open the file or to perform a Save on the file. Opening the file will transfer the data, including data headings immediately into a spreadsheet. Choosing Save will require the user to create a file path and name which will then become the current location of the file within the user's internal file directory.

Printing the Security Scan



Hard copies of the information contained in a Security Scan request can be produced by clicking on the Print icon located in the upper right corner of the Security Scan menu band or by right clicking when the desired screen image is in view. All of the information set including column format will be printed for the current page being displayed.

Saving your Settings

Users have the ability to customize and save the data grid settings that are the result of a scan. Settings that can be change include column width, sort criteria and page size. The next time the user views the affected data grid the changes that were enacted and saved will be apparent.

To save settings:

- Perform desired Security Scan filtered search
- View data grid and change desired settings
 - To change Column Width click on the Column Heading until the East-West arrow appears, then drag the column heading line to resize
 - To regroup the data set Columns click on the Column Heading until the North-South-East-West arrow appears. Then drag the chosen columns to the desired location
 - To regroup the data by Ascending/Descending order click on the Column Heading then right click and choose the desired way to sort the data set
- Once the desired filtering has been completed click on Save Settings

Users may choose to eliminate certain fields listed in the table above from their data grid. To customize which fields will appear in a filtered search:

- Perform desired Security Scan filtered search
- View data grid and right click on Column Heading and then click on Columns A list of Columns and associated checkboxes appears
- Uncheck any box that contains a column to be removed from the data grid
- Click on Save Settings to enact the change

Clearing the Settings

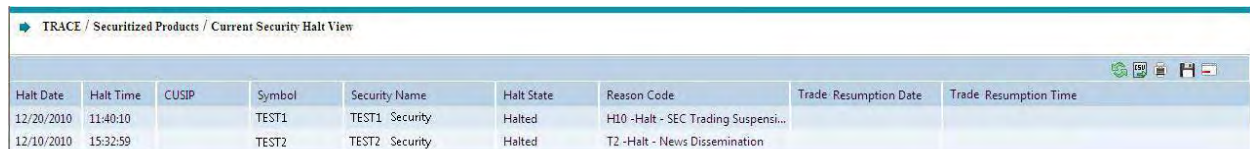
TRAQS provides functionality that allows users to change settings that were previously customized. In the event a user has customized the Scan Settings but would like to have them reset to the system default the Clear settings Icon, located in the upper right corner of the Security Scan data grid page can be depressed to return any changes made to column width, data sorting choices or page size.

Chapter 11: Current Security Halt View

Overview

The Security Halt View is a display-only function that allows the user to see all securities that are currently in a halted state or securities that have been resumed during the current day. This display does not show pending halt or resume actions. The following states will be processed by TRAQS to inform the users of status:

- Halted
 - Trading Resumed
- Select TRACE from the Main Menu
 - Select Securitized Products
 - Click on Current Security Halt View



Halt Date	Halt Time	CUSIP	Symbol	Security Name	Halt State	Reason Code	Trade Resumption Date	Trade Resumption Time
12/20/2010	11:40:10		TEST1	TEST1 Security	Halted	H10 -Halt - SEC Trading Suspensi...		
12/10/2010	15:32:59		TEST2	TEST2 Security	Halted	T2 -Halt - News Dissemination		

Figure 22
Current Security Halt View

11.1 Current Security Halt View Field Definitions

Field	Description
Original Halt Date	The date which the original halt took place for the affected security.
Halt Time	The time which the original halt took place for the affected security.
CUSIP	The CUSIP Number assigned to the security.
Symbol	The affected security's symbol. Will state EMC if emergency market halt.
Security Name	The name of the affected security.
Halt State	The current halt state that the security is in; values are Halted, Quoting Resumed, Trading Resumed.
Reason Code	The Halt reason; Associated code values are: T1 News Pending - H10 Halt (SEC Suspension) - H11 Halt (regulatory Concern) - H12 Halt (SEC Revocation) - U1 Halt (Foreign Market/Regulatory) - U4 Halt - EMC (Emergency Market Condition) - C11Resume – (Trade Halt Concluded By Other Regulatory Authority; Quotes/Trades to Resume)\ - C13 Resume – EMC Resume
Trade Resumption Date	The date trade reporting resumes.
Trade Resumption Time	The time trade reporting resumes.

11.2 Data Actions

Users have the ability to perform various functions with the resultant Current Security Halt View data grid once their selection and filter criteria has been submitted to TRAQS.

Current Security Halt View Data Refresh



Information contained in the Current Security Halt View data grid is sometimes updated during the course of the day. Users have the ability to refresh the current screen display of the data by selecting the Refresh icon located in the upper right corner of the Current Security Halt View menu band. This action will return the data grid with any new information contained in the selected data set.

Current Security Halt View Comma Separated Value File (CSV) Export



Once a user performs the selection filtering for the Current Security Halt View data to be returned they have the ability to export the Scan data into a Comma Separated Value (CSV) format by selecting the CSV icon located in the upper right corner of the Current Security Halt View menu band. All pages containing data for the filtered search criteria will be returned. Typically users will export a CSV file into a Microsoft Excel spreadsheet. This will allow the user to further manipulate the data and perform its own analysis within its own system capabilities outside of TRAQS.

Once the CSV icon is selected the user will be prompted to open the file or to perform a Save on the file. Opening the file will transfer the data, including data headings immediately into a spreadsheet. Choosing Save will require

the user to create a file path and name which will then become the current location of the file within the user's internal file directory.

Printing the Current Security Halt View



Hard copies of the information contained in a Current Security Halt View request can be produced by clicking on the Print icon located in the upper right corner of the Security Scan menu band or by right clicking when the desired screen image is in view. All of the information set including column format will be printed for the current page being displayed.

Saving your Settings



Users have the ability to customize and save the data grid settings that are the result of a data search. Settings that can be change include column width, sort criteria and page size. The next time the user views the affected data grid the changes that were enacted and saved will be apparent.

To save settings:

- Perform desired Current Security Halt View filtered search
- View data grid and change desired settings
 - To change Column Width click on the Column Heading until the East-West arrow appears., then drag the column heading line to resize
 - To regroup the data set Columns click on the Column Heading until the North-South-East-West arrow appears. Then drag the chosen columns to the desired location
 - To regroup the data by Ascending/Descending order click on the Column Heading then right click and choose the desired way to sort the data set.
- Once the desired filtering has been completed click on Save Settings

Users may choose to eliminate certain fields listed in the table above from their data grid. To customize which fields will appear in a filtered search:

- Perform desired Current Security Halt View filtered search
- View data grid and right click on Column Heading and then click on Columns A list of Columns and associated checkboxes appears
- Uncheck any box that contains a column to be removed from the data grid
- Click on Save Settings to enact the change

Clearing the Settings



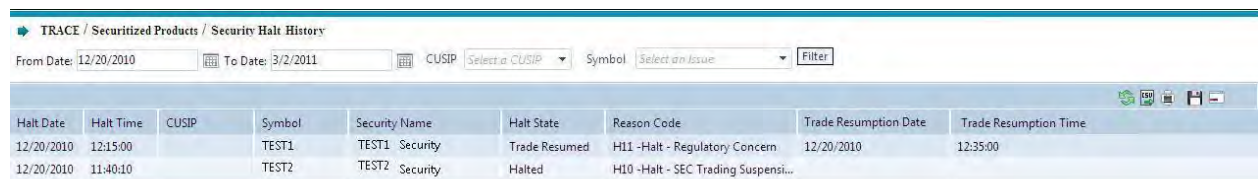
TRAQS provides functionality that allows users to change settings that were previously customized. In the event a user has customized the Current Security Halt View but would like to have them reset to the system default the Clear settings Icon, located in the upper right corner of the Current Security Halt View data grid page can be depressed to return any changes made to column width, data sorting choices or page size.

Chapter 12: Security Halt History

Overview

The Security Halt History is a display-only function that allows the user to review halt activity for security(s) during a specific date range (default setting will be for the previous day). Users are able to select a date range to view all halt and resume activity for the affected security(s). The following states will be processed by TRAQS to inform the users of status:

- Halted
 - Trading Resumed
-
- Select TRACE from the Main Menu
 - Select Securitized Products
 - Click on Security Halt History



Halt Date	Halt Time	CUSIP	Symbol	Security Name	Halt State	Reason Code	Trade Resumption Date	Trade Resumption Time
12/20/2010	12:15:00		TEST1	TEST1 Security	Trade Resumed	H11 -Halt - Regulatory Concern	12/20/2010	12:35:00
12/20/2010	11:40:10		TEST2	TEST2 Security	Halted	H10 -Halt - SEC Trading Suspensi...		

Figure 23
Security Halt History

12.1 Security Halt History Search Filters

A Date or Date Range is always required

- To view all historical halt/resume activity for all securities in a date/date range users enter the From Date or date range , leave the Symbol and CUSIP field blank and then depress Filter.
- To view halt/resume activity for a specific symbol or CUSIP in a date/date range, users should enter in the Symbol or CUSIP, the From Date or date range and then depress Filter.

12.2 Security Halt History Field Definitions

Field	Description
Original Halt Date	The date, in reverse chronological order, which the original halt took place for the affected security.
Halt Time	The time which the original halt took place for the affected security.
CUSIP	The CUSIP Number assigned to the security.
Symbol	The affected security's symbol. Will state EMC if emergency market halt.
Security Name	The name of the affected security.
Halt State	The halt state that the security was in for the data record; values are Halted, Quoting Resumed, Trading Resumed.
Reason Code	The Halt reason; Associated code values are: <ul style="list-style-type: none">- H10 Halt (SEC Suspension)- H11 Halt (Regulatory Concern)- H12 Halt (SEC Revocation)- U1 Halt (Foreign Market/Regulatory)- U4 Halt - EMC (Emergency Market Condition)- C11Resume – (Trade Halt Concluded By Other Regulatory Authority; Quotes/Trades to Resume)\- C13 Resume – EMC Resume
Trade Resumption Date	The date trade reporting resumes.
Trade Resumption Time	The time trade reporting resumes.

12.3 Data Actions

Users have the ability to perform various functions with the resultant Security Halt History data grid once their selection and filter criteria has been submitted to TRAQS.

Security Halt History Data Refresh



Information contained in the Security Halt History data grid is sometimes updated during the course of the day. Users have the ability to refresh the current screen display of the data by selecting the Refresh icon located in the upper right corner of the Security Halt History menu band. This action will return the data grid with any new information contained in the selected data set.

Security Halt History Comma Separated Value File (CSV) Export



Once a user performs the selection filtering for the Security Halt History data to be returned they have the ability to export the History data into a Comma Separated Value (CSV) format by selecting the CSV icon located in the upper right corner of the Security Halt History menu band. All pages containing data for the filtered search criteria will be returned. Typically users will export a CSV file into a Microsoft Excel spreadsheet. This will allow the user to further manipulate the data and perform its own analysis within its own system capabilities outside of TRAQS.

Once the CSV icon is selected the user will be prompted to open the file or to perform a Save on the file. Opening the file will transfer the data, including data headings immediately into a spreadsheet. Choosing Save will require the user to create a file path and name which will then become the current location of the file within the user's internal file directory.

Printing the Security Halt History



Hard copies of the information contained in a Security Halt History request can be produced by clicking on the Print icon located in the upper right corner of the Security History menu band or by right clicking when the desired screen image is in view. All of the information set including column format will be printed for the current page being displayed.

Saving your Settings

Users have the ability to customize and save the data grid settings that are the result of a data search. Settings that can be change include column width, sort criteria and page size. The next time the user views the affected data grid the changes that were enacted and saved will be apparent.

To save settings:

- Perform desired Security Halt History filtered search
- View data grid and change desired settings
 - To change Column Width click on the Column Heading until the East-West arrow appears., then drag the column heading line to resize
 - To regroup the data set Columns click on the Column Heading until the North-South-East-West arrow appears. Then drag the chosen columns to the desired location
 - To regroup the data by Ascending/Descending order click on the Column Heading then right click and choose the desired way to sort the data set.
- Once the desired filtering has been completed click on Save Settings

Users may choose to eliminate certain fields listed in the table above from their data grid. To customize which fields will appear in a filtered search:

- Perform desired Security Halt History filtered search
- View data grid and right click on Column Heading and then click on Columns A list of Columns and associated checkboxes appears
- Uncheck any box that contains a column to be removed from the data grid
- Click on Save Settings to enact the change

Clearing the Settings

TRAQS provides functionality that allows users to change settings that were previously customized. In the event a user has customized the Security Halt History but would like to have them reset to the system default the Clear settings Icon, located in the upper right corner of the Security Halt History data grid page can be depressed to return any changes made to column width, data sorting choices or page size.

Chapter 13: Participant Scan

Overview

The Participant Scan allows users to retrieve information about other clients that use the TRAQS system. The information available as a result of a data query includes the client's Market Participant ID (MPID), the client name, their role in the marketplace, and their clearing number.

- Select TRACE from the Main Menu
- Click on Participant Scan



Figure 24
Participant Scan

13.1 Participant Scan Search Filters

To view all firms in the data set:

- Leave both the MPID and Firm Name text boxes empty and depress Submit.
 - All data fields for all firms in the system will be returned in the data grid.

To query a specific firm:

- Enter the MPID or choose from the roster of MPID's in the MPID textbox dropdown, or;
- Enter the name of the firm by choosing the firm name from the roster of names in the Firm Name textbox/dropdown. Data fields for the selected firm will be returned in the data grid.

13.2 Participant Scan Field Definitions

Field	Description
MPID	The Market Participant Identifier.
Firm Name	The full name of the client firm.

13.3 Data Actions

Users have the ability to perform various functions with the resultant Participant Scan data grid once their selection and filter criteria has been submitted to TRAQS.

Participant Scan Data Refresh



Information contained in the Participant Scan data grid is sometimes updated during the course of the day. Users have the ability to refresh the current screen display of the data by selecting the Refresh icon located in the upper

right corner of the Participant Scan menu band. This action will return the data grid with any new information contained in the selected data set.

Participant Scan Comma Separated Value File (CSV) Export



Once a user performs the selection filtering for the Participant Scan data to be returned they have the ability to export the Scan data into a Comma Separated Value (CSV) format by selecting the CSV icon located in the upper right corner of the Participant Scan menu band. All pages containing data for the filtered search criteria will be returned. Typically users will export a CSV file into a Microsoft Excel spreadsheet. This will allow the user to further manipulate the data and perform its own analysis within its own system capabilities outside of TRAQS.

Once the CSV icon is selected the user will be prompted to open the file or to perform a Save on the file. Opening the file will transfer the data, including data headings immediately into a spreadsheet. Choosing Save will require the user to create a file path and name which will then become the current location of the file within the user's internal file directory.

Printing the Participant Scan



Hard copies of the information contained in a Participant Scan request can be produced by clicking on the Print icon located in the upper right corner of the Participant Scan menu band or by right clicking when the desired screen image is in view. All of the information set including column format will be printed for the current page being displayed.

Saving your Settings



Users have the ability to customize and save the data grid settings that are the result of a data search. Settings that can be change include column width, sort criteria and page size. The next time the user views the affected data grid the changes that were enacted and saved will be apparent.

To save settings:

- Perform desired Participant Scan filtered search
- View data grid and change desired settings
 - To change Column Width click on the Column Heading until the East-West arrow appears., then drag the column heading line to resize
 - To regroup the data set Columns click on the Column Heading until the North-South-East-West arrow appears. Then drag the chosen columns to the desired location
 - To regroup the data by Ascending/Descending order click on the Column Heading then right click and choose the desired way to sort the data set.
- Once the desired filtering has been completed click on Save Settings

Users may choose to eliminate certain fields listed in the table above from their data grid. To customize which fields will appear in a filtered search:

- Perform desired Participant Scan filtered search
- View data grid and right click on Column Heading and then click on Columns A list of Columns and associated checkboxes appears
- Uncheck any box that contains a column to be removed from the data grid

- Click on Save Settings to enact the change

Clearing the Settings

TRAQS provides functionality that allows users to change settings that were previously customized. In the event a user has customized the Participant Scan but would like to have them reset to the system default the Clear settings Icon, located in the upper right corner of the Participant Scan data grid page can be depressed to return any changes made to column width, data sorting choices or page size.

Appendix A: Glossary

Agency Pass thru MBS

A mortgage-backed security issued by an Agency or a Government- Sponsored Enterprise, for which the timely payment of principal and interest is guaranteed by an Agency or a Government- Sponsored Enterprise, representing ownership interests in a pool or pools of residential mortgage loans with the security structured to “pass through” the principal and interest payments made by the Mortgagees to the owners of the pool(s) on a pro rata basis.

Agent

A broker or intermediary authorized by the principal party to execute trades on its behalf with a third party and for which the trader is paid a commission that is specifically identified on the customer’s confirmation.

As-Of transaction

A transaction reported by a FINRA member on a date later than the actual transaction date. In TRACE, trades executed after the system closes, between 6:30 p.m. and 11:59:59 p.m. ET, must be reported on the next business day within the timeframe specified in the TRACE Rules as As-Of trades, effective the previous business day. FINRA members will be allowed to enter the trade date for an “As-Of” for a period of up to one calendar year. As-Of transactions are not included in the day’s market aggregates (i.e., high, low, last sales), but, if eligible, will be disseminated when reported.

Automatic Give-Up (AGU)

AGU transactions can either be one-sided to two-sided. A typical one-sided AGU occurs when a clearing firm executes a trade with one of its correspondents. A two-sided AGU would occur when a FINRA member alternative trading system/electronic communications network (ATS/ECN) matches a Buy and a Sell order on its system, creating a “locked-in” trade between the two parties. The trading platform could submit a two-sided AGU trade report to TRACE, indicating both sides of the trade in addition to itself.

Cash Sale

A transaction in which the delivery of securities and payment must occur on the same day that the trade was executed. Denoted by the “.C” modifier.

Commission

Fees paid to a broker for executing a trade as agent based on the number of securities traded or the dollar amount of the trade.

Contra Party

A FINRA member or non-member (either a non-member firm or an end customer) on the other side of the trade. Contra parties that are non-FINRA members will be identified with the letter “C” (for Customer). FINRA members CANNOT consider other FINRA members their customers with respect to TRACE reporting of contra parties.

CUSIP

CUSIP stands for the Council on Uniform Securities Identification Procedures. A CUSIP number is a unique nine-character alphanumeric code appearing on the face of each stock or security certificate that is assigned to a security by Standard & Poor's Corporation. CUSIP numbers are the property of the American Bankers Association (ABA) and are administered by Standard & Poor's. The number is used to expedite clearance and settlement.

Dollar Roll

Simultaneous transactions that are executed pursuant to an agreement between a buyer and seller of an Agency Pass-Through Mortgage-Backed Security. At the time of the transactions, the initial buyer of the Agency Pass-Through Mortgage-Backed Security pays a specific purchase price, agrees to a settlement date, and also agrees to reverse the purchase transaction at a later occurring settlement date, at a different price, and deliver to the initial seller of such securities the same or substantially similar securities.

Execution Date

The date on which the trade took place. If the transaction was reported on a later date (an As-Of trade or a Reversal), this field will be populated with the date on which the trade originally took place.

Execution Time

The actual trade time corresponding to the time stamp on the trader's ticket and as reported by a FINRA member firm into the TRACE system. If the transaction reported was an As-Of trade or a Reversal, this field will be populated with the time (as well as the date) on which the original trade was executed. In transactions where the price is determined by a spread off a benchmark, the execution time will be considered the time that the benchmark yield is determined.

Factor

The decimal value representing the proportion of the outstanding principal value of a security to its original principal value.

High Yield Security

A high-yield security is by definition a "Non-Investment Grade" security under the TRACE Rules. A high-yield security is a corporate security that is rated as speculative grade by a nationally recognized statistical rating agency (i.e., Ba1 or lower by Moody's Investors Services or BB+ or below by Standard & Poor's Corporation). For purposes of TRACE dissemination, unrated (NR/NA) debt securities are also classified as Non-Investment Grade securities.

Investment Grade Security

A security rated in one of its four highest generic rating categories by a nationally recognized statistical rating agency (i.e., Baa3 or better by Moody's Investors Service or BBB- or better by Standard & Poor's Corporation).

Issuing Entity

The trust or other entity created at the direction of the sponsor or depositor that owns or holds the pool assets and in whose name the asset-backed securities supported or serviced by the pool assets are issued.

Last Sale Price

The "last" sale price reported for the specific security throughout the day, up until 5:15 p.m. ET. Although the market does not have an official close, and can function as long as a trader is willing to deal, for purposes of establishing a historical benchmark at a single point in time, after the bulk of the day's trading is over, TRACE uses 5:15 p.m. ET, as the cutoff time for determining a "last" sale price. The authentic last reported sale of the day, which includes all disseminated trade reports up until the TRACE system closes at 6:30 p.m. ET is referred to as "Most Recent Price." *Please see Most Recent Price.*

Last Sale Yield

The yield calculated by TRACE associated with the current last sale price of the day.

Market Participant

For purposes of TRACE, a FINRA member that is also a TRACE participant.

Market Participant Identifier (MPID)

A unique, four-character alphanumeric identifier created by FINRA, used to identify a FINRA member market participant. The MPID is used to identify the contra party on a trade report.

Modifier

Codes used to provide additional qualifying information about a transaction. Modifiers include those to indicate special trade conditions, long or short settlement, or a trade that has been reported late.

Most Recent Trade Price

The last price reported for a given security on a given trade date. The Most Recent Trade Price may have been reported to TRACE after the 5:15 PM ET cutoff time for calculation of daily summary data.

Next Day Trade

A transaction for which the delivery of securities and payment must occur on the next business day following the trade execution date. This is also known as “T+1”, or trade date plus one day. Denoted by the “.ND” modifier.

No/Was Transaction

A function to correct or update a trade report submitted today. TRACE assigns a new control number to the corrected (“Was”) trade, and changes the status of the incorrect trade to “No”.

Price

The reported price for a reported transaction must be inclusive of a mark-up or markdown, but is exclusive of a commission, since a commission is reported in a separate field. TRACE will, however, incorporate the commission into the disseminated price.

Principal

Dealers who execute for their own accounts at net prices (prices that include either a markup or markdown). Dealers cannot act as both principal and agent in the same transaction.

Quantity

The size of the trade, also known as the volume, or number of shares (for certain equity-linked notes) traded. When entering quantity into the TRACE web application, a 50 bond trade (\$50,000 par value) would be entered as “50”. A trade for \$1,450 worth of a security would be reported with a quantity of “1.45”. Equity-linked notes with a \$1000 par value would be submitted the same way. For equity-linked notes that trade in shares as units, the quantity would be entered as number of shares traded. For example, a trade of 500 shares would be entered as “500”. See Chapter 4 for additional guidance on how to report securities with non-standard par values.

Remaining Principal Balance

For an Asset-Backed Security backed by a pool of mortgages or other assets that are self-amortizing, the total unpaid principal balance of all such mortgages, or the equivalent remaining value of such self-amortizing assets held in the asset pool, at a specific time, such as the Time of Execution.

Reporting Party

A FINRA member firm that is required under FINRA Rule 6700 Series to report transactions in eligible corporate securities into TRACE. In the case of “Give Up” transactions, the Reporting Party is the firm submitting the report, and the MPID of the firm responsible for actually reporting would be put into the “Give Up” field.

Reporting Party Side

On Time and Sales Trade Statistics, this field identifies the trade as an inter-dealer trade or a dealer trade with a customer. On customer trades, also indicates whether the dealer bought from or sold to the customer (all inter-dealer trades on the Time and Sales results are from the sell-side perspective).

Reversal Transaction

A trade cancellation for a trade report that was originally submitted into TRACE on a previous date.

Seller's Option

A transaction in which the seller has the right to deliver the security at any time within a specific period, other than Regular Way (Corporate T+3 or Agency T+1) settlement. When the parties to the transaction agree to a settlement period between 2 – 60 days, this modifier is used to indicate the settlement period. The number of days is indicated in the blank box next to the .S modifier. **Please note:** new issue regular way settlements that do not settle T+1 (agencies) or T+3 (corporate) MUST be reported using the Seller Option modifier (S) with the number of days (NN) to the settlement date of the trade.

“Sold” Late

A late trade report indicator, applicable to both buy- and sell-side reports, showing that the trade was reported during current business hours but outside of the mandatory reporting interval outlined in FINRA Rule 6700 Series. This modifier is appended to the trade report by the TRACE system itself. Denoted by the “.SLD” modifier.

Specified Pool Transaction

A “Specified Pool Transaction” is a transaction in an Agency Pass-Through Mortgage-Backed Security that requires the seller to deliver at settlement “one or more pools of mortgages that, at the Time of Execution, are identified by their unique pool identification numbers and original principal value.”

Special Price Flag

This field denotes trades that were consummated contrary to the current standard convention for the particular security. Also known as a “specified trade”, e.g., when a debt security that conventionally and in the current market is traded at a price that reflects a due bill or warrant, is, in the transaction to be reported, traded as specified without the due bill or warrant, a price deviation from the normal market is to be expected. Note that a trade identified with a “Special Price Indicator” will, if eligible, be disseminated, but will not be incorporated in the calculation of the day's high, low and last price for the security.

Sponsor

The person who organizes and initiates an asset-backed securities transaction by selling or transferring assets, either directly or indirectly, including through an affiliate, to the issuing entity

Stipulation Transaction

A transaction in an Agency Pass-Through Mortgage-Backed Security as defined in paragraph (v) where, at the Time of Execution, the parties agree that the seller will deliver to the buyer an Agency Pass-Through.

Symbol

The unique TRACE regulatory reporting symbol that is assigned to each TRACE-reportable security by FINRA Operations. Firms can identify the security traded using either the Symbol or CUSIP number.

TBA

Refers to a transaction in an Agency Pass-Through Mortgage-Backed Security as defined in paragraph (v) where the parties agree that the seller will deliver to the buyer an Agency Pass-Through Mortgage-Backed Security of a specified face amount and coupon from a specified Agency or Government Sponsored Enterprise program representing a pool (or pools) of mortgages (that are not specified by unique pool number), at a specified price, and the parties will clear and settle the transaction in conformity with the uniform practices established as “good delivery” for such transactions and will not impose any special conditions or stipulations.

TRACE™

Under FINRA Rule 6700, FINRA members are required to report OTC secondary market transactions in eligible fixed income securities to FINRA. The Trade Reporting and Compliance Engine (TRACE) is the FINRA-developed vehicle that facilitates the mandatory trade reporting of eligible corporate bonds and the public dissemination of market data, subject to certain restrictions.

Weighted Average Price

A transaction in which the price is determined by a weighted average of the prices of prior related transactions. Denoted by the “.W” modifier.

When Issued

A security trading on a “when, as, and if issued” basis. The term refers to a conditional security: one authorized for issuance but not yet actually issued. All “when issued” transactions are on an “if” basis, to be settled if and when the actual security is issued. Note: The term “When Issued” generally connotes transactions taking place in the primary market; however, for purposes of TRACE, which captures secondary market transactions only, “WI” securities are those generally created as the result of a corporate event, such as reorganization.

Yield

The Yield is the effective rate of return earned on a security expressed as a percentage. TRACE will calculate and disseminate the lower of Yield to Call (retirement of the security at a date prior to maturity) or Yield to Maturity. The call that is used for TRACE is the one that produces the worst yield (excluding sinking fund calls). For certain variable-rate securities, no yield will be displayed.

Appendix B: User application functionality

TRACE Corporate Bonds vs. TRACE Securitized Products

Function	TRACE 2.4	Securitized Products
Allowing FIX protocol for the reporting of trades	Not supported	Supported with FIX version 4.4.
Dissemination of trade data	Data is disseminated via BTDS	Data will not be disseminated to any vendor service until further notice.
Trade quantity reporting rules	The unit amount (number) of bonds are reported.	The dollar amount of trade is reported.
Trade Reporting time requirements	Current rules apply.	SP Pilot period and post pilot period rules differ; refer to section 3 for table of trade reporting rules for Securitized Products.
Commission reporting rules	Commission is reported as points per bond.	Commission is reported as a flat dollar value.
Capacity reporting rules	Capacity defaults to principal.	Capacity must be submitted on all trades; either principal or Agent.
Weekend/Holiday as valid trade dates	Not allowed.	Allowed.
Reporting a Settlement Date	Report by using a trade modifier.	Report by using the actual settlement date. This data has not been required for trade reports for other TRACE-Eligible securities. System validations do not differentiate regular way vs. non-regular way settlement based on the Settlement Date submitted by the user.
Trade modifier usage	Available values are: .W, .ND, .C, .S	Only Modifier 4 is applicable; refer to associated values in section 4.
AGU/Locked-In trade reporting	AGU rules and functionality apply.	AGU's are now called "Locked-In" transactions; refer to section 4 for rules and web site usage including screen data population elements and data selection choices.
No Was transaction terminology	Supported.	Cancel and Correction functions expanded to replace what was known as a "No was" transaction.

Reversals	Current rules apply, using a Reversal of a previously reported trade.	Trades T-20 may be canceled using a limited data set from the transaction; trades submitted prior to T-20 can be cancelled, but require a full data set. Historical trade corrections are permitted by canceling the trade and then entering an as-of trade.
Yield	Current rules/values apply.	Yield is not applicable for Securitized Products.
Give Up Identifier	Stated as “Your Give Up.”	Stated as “RP Give Up.”
Contra Party	Stated as “Contra MPID.”	Stated as “Contra Party ID.”
Contra Party Give Up	Stated as “Contra Give Up.”	Stated as “CP Give Up.”