

Fixed Income Clearing Corporation

GSD RTTM WFE USER GUIDE – APPENDIX B:

SCREEN CHANGES TO SUPPORT DEMAND PROCESSING FOR BROKERED REPO TRANSACTIONS

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1. OVERVIEW

1.1. Demand Processing for Brokered Repo Transactions

Demand Processing allows certain authorized members to submit trades that, if not matched Bilaterally intraday against contraparty submission, would be matched administratively by FICC's RTTM application during end-of-day processing. It also provides DK functionality that allows Demand Recipients (i.e., counterparties to Demand Submitters) to DK the Demand trades submitted against them, precluding the Demand trade from (Bilaterally or administratively) matching. Currently, Demand Processing is limited to Brokered Repo Transactions only.

- All trades submitted by Repo Broker accounts (against Repo dealers) are automatically designated Demand submissions.
- New Submission Cutoff Times will be implemented:

Cutoff Times ¹	Changes to Trade Status ²
Demand Submission Cutoff = 4 PM	<ul style="list-style-type: none"> • <u>Before</u> the 4 PM submission cutoff, any trades submitted or modified by Repo Broker accounts are treated as Demand. • <u>After</u> the submission cutoff time, any trades (or modifies) received would require Bilateral comparison.
DK Cutoff = 4:30 PM	For an additional ½ hour after the Demand submission cutoff time, dealers can continue to submit DKs against Demand trades; thus precluding the trades from automatically matching at end-of-day.
UnDK = available all day	After a DK Remove has been processed, the trade will revert to its prior trade state and submission type.

For further information about Demand Processing, please refer to the New Service Bulletin for "Demand Processing for Brokered Repo Comparison" (in the New Service Bulletins section at <http://www.dtcc.com/products/documentation/cs/gov.php>).

1.2. About This Document

This supplement is intended to focus on the changes related to Demand Processing. It assumes that the Demand trade is already entered into the system and that you are familiar with standard trade entry, affirmations, and modifications, which are discussed in the main portion of this User Guide (in the RTTM section at <http://www.dtcc.com/products/documentation/cs/gov.php>) and in the "Government Web Front End Simulations" (<https://dtcc.knowledgeplanet.com/content/ss/sims/gsd/simulations.html>).

This document describes the modifications made to the following screens/functions used to support Demand Brokered Repo processing:

- Home Page Statistics Screens³ (Section 2)
- DVP Trade Query Screen³ (Section 3)
- Trade Query Results Screens and available actions (Section 4)
- Report Center (Section 5)

¹ Under certain extension circumstances, these cutoff times may be extended. An administrative message will be posted to the web when this occurs.

² Trade Status depends on the time that an action is taken and the parties to the trade.

³ You can view Demand Trades via the Trade Query function (Section 3) or via the Home Page Statistics screens (Section 2).

2. CHANGES TO HOME PAGE STATISTICS SCREENS

The following modifications were made to the Home Page Statistics screens (Figure 1):

- Renamed the "Buy/Sell+Locked-In" tab to "Buy/Sell".
- Added the statistics for "DK Initiated" and "DK Received" to the following tabs: Current Day Totals (Figure 1), Current Day Buy/Sell (Figure 2), and Current Day Repo/Revr (Figure 3).
- On all three tabs, the item counts for DK Initiated and Advisories (and for DK Received and Uncompared) are dynamically updated:
 - Each time a DK is submitted:
 - the DK submitter (Demand Recipient) will see his DKs Initiated increase by 1 and Advisories decrease by 1
 - the trade owner (Demand Submitter) will see his DKs Received increase by 1 and Uncompareds decrease by 1
 - Each time a DK is removed, the reverse will occur.
- From the Buy/Sell and Repo/Revr tabs, participants will be able to bring up lists of trades from which actions may be taken (Figure 2 - Figure 3).

(Note: All other values/statistics remain the same as stated in Section 4 of the main User Guide.)

The following tables describe these modifications in further detail.

MODIFICATIONS TO THE CURRENT DAY TOTALS TAB	
Field/Item Name	Descriptions
DK Initiated	The total number of DKs that you initiated against advisories on the current business date. A trade is included in the DK Initiated Item count if it is marked as DK'ed and the participant is both the counterparty to the trade and the party who DK'ed the trade.
DK Received	The total number of DKs that were received for your submitted trades on the current business date. A trade is included in the DK Received Item count if it is marked as DK'ed and the participant is the party who submitted the trade.

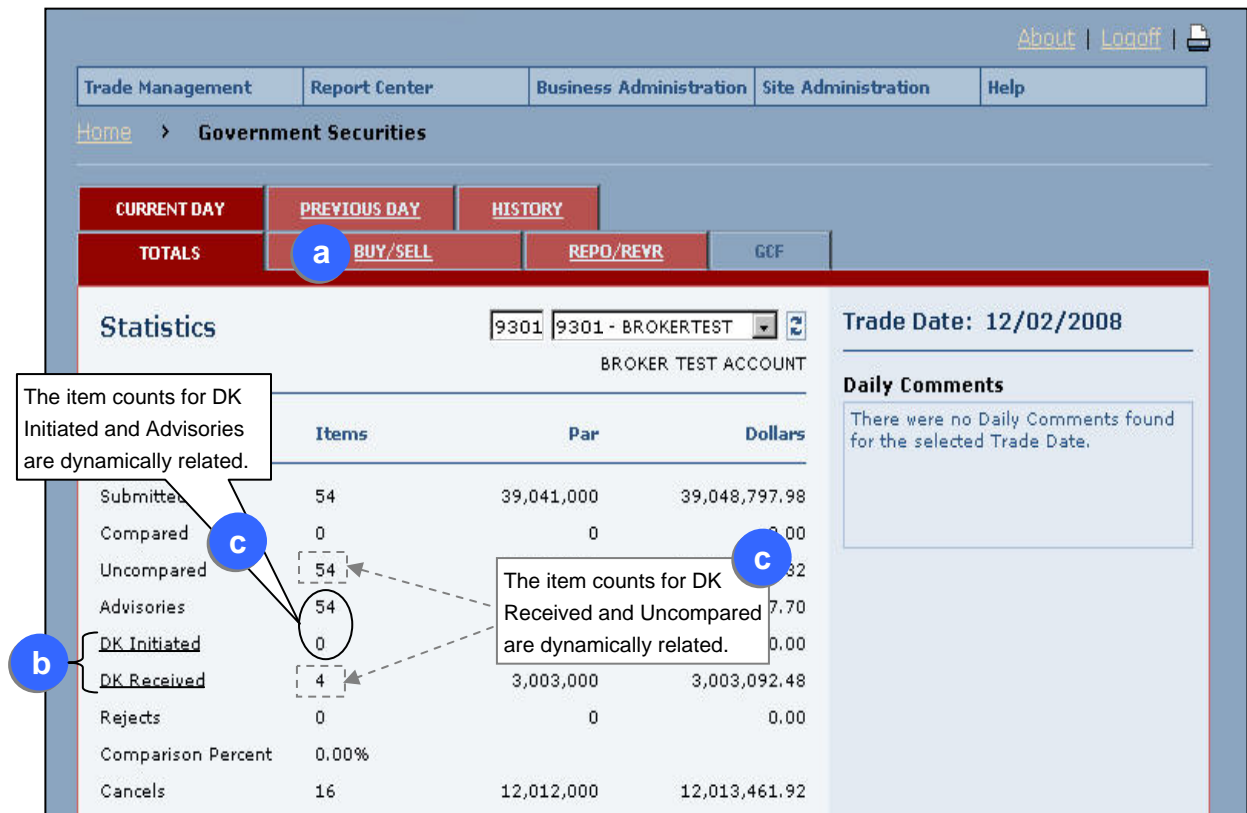


Figure 1: Modifications to the Home Page Statistics Screen – Current Day Totals (partial view)

MODIFICATIONS TO THE CURRENT DAY BUY/SELL TAB

Field/Item Name	Descriptions
DK Initiated	The total number of DKs that you initiated against Buy/Sell advisories on the current business date. A trade is included in the DK Initiated Item count if it is marked as DK'ed and the participant is both the contraparty to the trade and the party who DK'ed the trade.
DK Received	The total number of DKs that were received for your submitted Buy/Sell trades on the current business date. A trade is included in the DK Received Item count if it is marked as DK'ed and the participant is the party who submitted the trade.

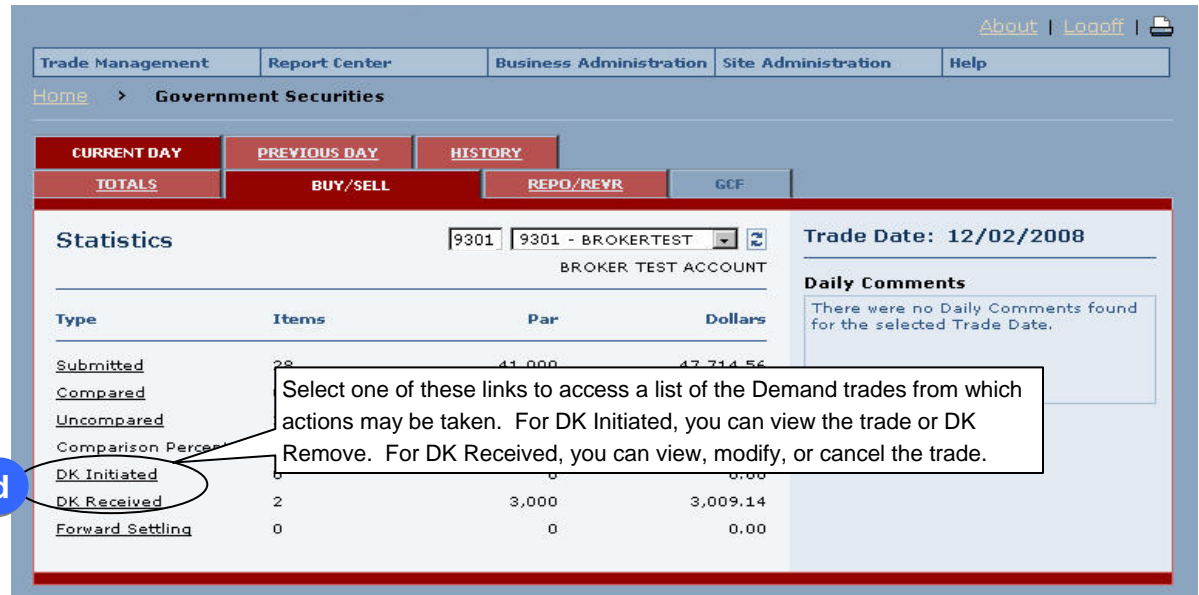


Figure 2: Modifications to the Home Page Statistics Screen – Current Day Buy/Sell

MODIFICATIONS TO THE CURRENT DAY REPO/REVR TAB

Field/Item Name	Descriptions
DK Initiated	The total number of DKs that you initiated against Repo/Revr advisories on the current business date. A trade is included in the DK Initiated Item count if it is marked as DK'ed and the participant is both the contraparty to the trade and the party who DK'ed the trade.
DK Received	The total number of DKs that were received for your submitted Repo/Revr trades on the current business date. A trade is included in the DK Received Item count if it is marked as DK'ed and the participant is the party who submitted the trade.

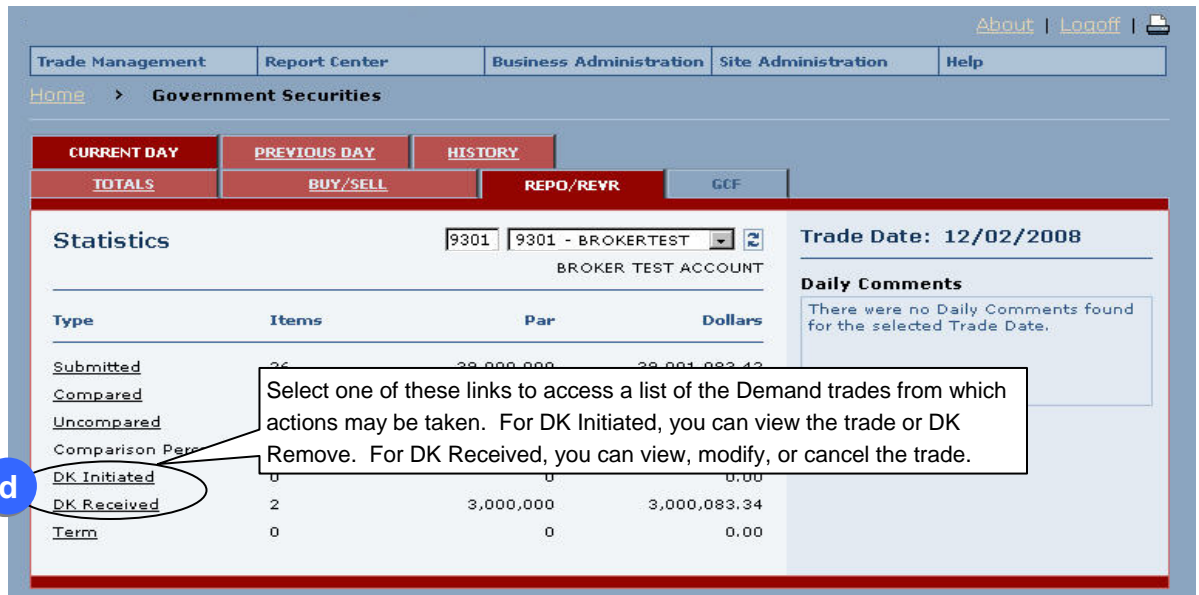


Figure 3: Modifications to the Home Page Statistics Screen – Current Day Repo/Revr

3. CHANGES TO THE DVP TRADE QUERY SCREEN

The following search criteria were added to the Active Trade Query screen (Figure 4):

- a. Submission Type (All, Bilateral, Locked-In, Demand)
- b. Two additional Trade States - "DK Received" and "DK Initiated"

(Note: All other values/statistics remain the same as stated in Section 7.1 of the main User Guide.)

The following table contains further instructions regarding this screen.

MODIFICATIONS TO THE ACTIVE TRADE QUERY SCREEN	
Field/Item Name	Instructions/Descriptions
Submission Type	<p>To search by Submission Type:</p> <ul style="list-style-type: none"> Click on the dropdown list box. Then, select one of the following options: All, Bilateral, Locked-in, or Demand.
Trade State* (mandatory field)	<p>In addition to the Trade States described on page 35 of the main User Guide, you can select the following two additional trade states.</p> <ul style="list-style-type: none"> "DK Received" – Assigned to trades that you submitted that were DK'ed by your contraparty. "DK Initiated" – Assigned to those advisories that you DK'ed. <p>Note: If you select the "All" check box, all trade states (except for "Advisory" and "DK Initiated") will be selected.</p>

The screenshot shows the 'DVP Trade Query' screen. At the top, there are navigation tabs: Trade Management, Report Center, Business Administration, Site Administration, and Help. Below this is a breadcrumb trail: Home > Government Securities > DVP Trade Query. The main header area includes 'Business Date: 12/10/2008', 'Participant ID: BROKER TEST ACCOUNT 9301', and 'Saved Queries' and 'Saved Column Sets' dropdowns. The 'Quick Search' section has a search criterion dropdown and a 'Submit' button. The 'Search for Multiple Transactions' section contains two columns of search criteria. A callout box 'a' points to the 'Submission Type' dropdown, which is open to show options: All, Bilateral, Locked In, and Demand. The 'Repo / Revr' section includes fields for Repo Start Date, Repo Start Amount, Repo Rate, Repo Secondary Reference #, Sub Frequency, Sub Variance (%), and Last Sub Date. The 'Buy / Sell' section includes Pricing Method, Price, Commission, and Yield. The 'Trade State' section has a 'Trade State * [ALL]' header and a grid of checkboxes for various states. A callout box 'b' points to the 'DK Received' and 'DK Initiated' checkboxes, which are circled. At the bottom, there are 'Reset', 'Back', and 'Submit' buttons.

Figure 4: Active Trade Query Screen

4. CHANGES TO THE QUERY RESULTS SCREENS

The following modifications were added to all Query Results / Summary screens (Figure 5):

- a. Submission Type column
- b. Two additional actions to the Action Dropdown Menu:
 - "DK" for Demand Trade Advisories
 - "DK Remove" for DK'ed Trade Advisories

The following table describes these modifications in further detail.

MODIFICATIONS TO THE ACTIVE TRADE QUERY RESULTS SCREEN							
Field/Item Name	Instructions/Descriptions						
Submission Type	Indicates the type of submission: <ul style="list-style-type: none"> • BL (Bilateral) • LI (Locked-in) • DM (Demand). 						
Action Dropdown Menu	In addition to the actions discussed on page 38 of the main User Guide, you can perform one of the following actions if you are the contraparty to the Demand (DM) trade: <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th>The following action is available:</th> <th>If the trade meets the following criteria:</th> </tr> </thead> <tbody> <tr> <td>DK*</td> <td> <ul style="list-style-type: none"> • Submission Type = DM • Trade State = PCP </td> </tr> <tr> <td>DK Remove**</td> <td> <ul style="list-style-type: none"> • Submission Type = DM • Trade State = DK </td> </tr> </tbody> </table> <p>* When the DK action is selected, the DK Screen appears and you will be prompted to enter a DK Reason (see Section 4.1 for further detail).</p> <p>** When the DK Remove action is selected, the DK Remove Screen appears (see Section 4.2 for further detail).</p>	The following action is available:	If the trade meets the following criteria:	DK*	<ul style="list-style-type: none"> • Submission Type = DM • Trade State = PCP 	DK Remove**	<ul style="list-style-type: none"> • Submission Type = DM • Trade State = DK
The following action is available:	If the trade meets the following criteria:						
DK*	<ul style="list-style-type: none"> • Submission Type = DM • Trade State = PCP 						
DK Remove**	<ul style="list-style-type: none"> • Submission Type = DM • Trade State = DK 						

The screenshot shows the 'DVP Trade Query' results for 'DEALER B TEST ACCOUNT'. It displays a summary table for 'Grand Totals' and two detailed tables for 'LONG' and 'SHORT' positions. The 'LONG' table has 3 items, and the 'SHORT' table has 2 items. The 'Action' dropdown menu for the 'SHORT' table is open, showing 'DK' and 'DK Remove' as options.

	Items	Par	Amount
LONG	3	100,001,000	103,758,268.43
SHORT	2	50,000,000	52,953,677.08

Action (select)	TID	Trans Type	CUSIP	Part ID	Contra ID	Business Date	Trade Date	Settlement Date	Price / Rate	PAR	Amount	Trade State	Submission Type	PC
[Dropdown]	058343-8C09	REPO	912828GG9	9376	9380	12/10/2008	12/09/2008	12/10/2008	1.000	1,000	1,063.57	PCP	DM	
[Dropdown]	002250-8C10	REPO	912810FB9	9301	9380	12/10/2008	12/10/2008	12/15/2008	0.500	50,000,000	51,878,602.43	PCP	DM	
[Dropdown]	002251-8C10	REPO	912810FB9	9301	9380	12/10/2008	12/10/2008	12/15/2008	0.500	50,000,000	51,878,602.43	DK	DM	

Action (select)	TID	Trans Type	CUSIP	Part ID	Contra ID	Business Date	Trade Date	Settlement Date	Price / Rate	PAR	Amount	Trade State	Submission Type	PC
[Dropdown]	002253-8C10	REVR	912810FB9	9301	9380	12/10/2008	12/10/2008	12/15/2008	0.500	25,000,000	26,476,838.54	DK	DM	
[Dropdown]	002252-8C10	REVR	912810FB9	9301	9380	12/10/2008	12/10/2008	12/15/2008	0.500	25,000,000	26,476,838.54	PCP	DM	

Figure 5: Active Trade Query Results Screen for the Contraparty (with DK and DK Remove in Action Dropdown Menus)

4.1. New Screen - DK Trade Screen

After the DK action is selected, the DK Trade Screen opens and displays the transaction details of the selected trade. (Except for the DK Reason field, this screen is similar to the Affirm screens shown in the Simulations).

To DK a trade (any time prior to 4:30pm), perform the following steps:

1. Select the DK Reason from the dropdown menu (Figure 6). A list of available DK Reasons appears.
2. Then, select the DK button.
3. A Success message appears at the top of the screen (Figure 7).

Note: No other fields may be edited. See Sections 6.5 and 7.3.2 of the main User Guide for basic descriptions.

TID: 002250-8C10, PCP » DK Trade Business Date: 12/10/2008

Participant ID: DEALER B TEST ACCOUNT - 9380

Transaction Type	<input checked="" type="checkbox"/> REPO	Participant Executing Firm	<input type="text"/>
Trade Date	12/10/2008	Give Up	<input type="text"/>
Trade Time	<input type="text"/>	Type	<input type="text"/>
Settlement Date	12/15/2008	Rights of Substitution	<input type="text"/>
Broker Xref	121120085	Sub Collateral	<input type="text"/>
CUSIP	912810FB9	Sub Variance	<input type="text"/>
Security Description	6.125 BOND 11/15/27	Sub Frequency	<input type="text"/>
Start Date	12/10/2008	Trader ID	<input type="text"/>
DK Reason	<div style="border: 1px solid black; padding: 2px;"> 1 Please Select Please Select E004-Unknown Security E005-Bad Quantity E006-Bad Trade Date E007-Bad Settlement Date E008-Bad Price E009-Bad Amount E010-Bad Buyer Party E011-Bad Seller Party E013-Transaction Type Error E014-Price Method Error </div>	Net	<input type="text" value="Y"/>

REPO Transaction

Secondary Reference #

PAR	START AMOUNT	ACRUED INTEREST	CONTRA	C. EXEC	XREF
50,000,000	51,875,000.0	0.00	9301		121120085

Additional Data + 2 DK ➔

Figure 6: DK Trade Screen for Repo/Revr Trades and DK Reason Codes

3 **Success!**

DK accepted by FICC: TID = 002250-8C10, XREF = 121120085.

TID: 002250-8C10, PCP » DK Trade Business Date: 12/10/2008

Participant ID: DEALER B TEST ACCOUNT - 9380

Transaction Type	<input checked="" type="checkbox"/> REPO	Participant Executing Firm	<input type="text"/>
Trade Date	12/10/2008	Give Up	<input type="text"/>
Trade Time	<input type="text"/>	Type	<input type="text"/>

Figure 7: DK Success Message and DK Trade Screen (partial screen)

DKs Submitted After the DK Cutoff Time

If you attempt to submit a DK after the 4:30pm cutoff time, it will be rejected and an error message will appear at the top of the screen (Figure 8).

DK Error Message

Rejected!

DK rejected by FICC: Request ID = , XREF = 121120085.

1. 167 - DK cutoff time has expired.

TID: 002250-8C10, PCP >> DK Trade **Business Date: 12/10/2008**

Participant ID: DEALER B TEST ACCOUNT - 9380

Transaction Type	<input checked="" type="checkbox"/> REPO	Participant Executing Firm	<input type="text"/>
Trade Date	<input type="text" value="12/10/2008"/>	Give Up	<input type="text"/>
Trade Time	<input type="text"/>	Type	<input type="text"/>

Figure 8: DK Reject Message and DK Trade Screen (partial screen)

4.2. New Screen - DK Remove Screen

To remove a DK from an advisory, perform the following steps:

- From the Active Trade Query Results Screen (Figure 9) or the DK Initiated List Screen:
 - Click on the Action Dropdown menu next to the desired transaction (select a Demand Trade in a DK state).
 - Then, select DK Remove from the dropdown list.

The screenshot shows the 'DVP Trade' screen with the following data tables:

DVP Trade » Grand Totals (Business Date: 12/10/2008)

	Items	Par	Amount
LONG	3	100,001,000	103,758,268.43
SHORT	2	50,000,000	52,953,677.08

Your search returned 3 items. Page 1 of 1

DVP Trade » LONG

Action (select)	TID	Trans Type	CUSIP	Part ID	Contra ID	Business Date	Trade Date	Settlement Date	Price / Rate	PAR	Amount	Trade State	Submission Type	PC
	058343-8C09	REPO	912828GG9	9376	9380	12/10/2008	12/09/2008	12/10/2008	1.000	1,000	1,063.57	PCP	DM	
	002250-8C10	REPO	912810FB9	9301	9380	12/10/2008	12/10/2008	12/15/2008	0.500	50,000,000	51,878,602.43	PCP	DM	
	002251-8C10	REPO	912810FB9	9301	9380	12/10/2008	12/10/2008	12/15/2008	0.500	50,000,000	51,878,602.43	DK	DM	

Your search returned 2 items. Page 1 of 1

DVP Trade » SHORT

Action (select)	TID	Trans Type	CUSIP	Part ID	Contra ID	Business Date	Trade Date	Settlement Date	Price / Rate	PAR	Amount	Trade State	Submission Type	PC
	002253-8C10	REVR	912810FB9	9301	9380	12/10/2008	12/10/2008	12/15/2008	0.500	25,000,000	26,476,838.54	DK	DM	
	002252-8C10	REVR	912810FB9	9301	9380	12/10/2008	12/10/2008	12/15/2008	0.500	25,000,000	26,476,838.54	PCP	DM	

The 'DK Remove' option is highlighted in the 'Action (select)' dropdown menu for the first row of the 'SHORT' table.

Figure 9: Active Trade Query Results Screen for the Contraparty (DK Remove in Action Dropdown Menu)

2. The DK Remove screen opens (Figure 10) and displays the transaction details of the selected DKed Advisory.
3. Select the DK Remove button.
4. A Success DK Remove message appears at the top of the screen (Figure 11).

Notes:

- After the DK Remove has been processed by the system, the trade automatically reverts back to its prior trade state and submission type. The DK Initiated and Advisory Counts will be adjusted accordingly for the DK Submitter (as will the DK Received and Uncompared Counts for the trade owner).
- If the owner of the trade (Demand Submitter) modifies a Demand Trade in a DK state, this, too, will remove the DK and return the trade to Pending Comparison State.

TID: 002253-8C10, DK » DK Remove
Business Date: 12/10/2008

Participant ID: DEALER B TEST ACCOUNT - 9380

Transaction Type	<input checked="" type="checkbox"/> REVR	Participant Executing Firm	<input type="text"/>
Trade Date	12/10/2008	Give Up	<input type="text"/>
Trade Time	<input type="text"/>	Type	<input type="text"/>
Settlement Date	12/15/2008	Rights of Substitution	<input type="text"/>
Broker Xref	121120088	Sub Collateral	<input type="text"/>
CUSIP	912810FB9	Sub Variance	<input type="text"/>
Security Description	6.125 BOND 11/15/27	Sub Frequency	<input type="text"/>
Start Date	12/10/2008	Trader ID	<input type="text"/>
DK Reason	E998-Trade not found	Net	<input type="text" value="Y"/>

REVR Transaction

Secondary Reference #

PAR	START AMOUNT	AMOUNT	RATE	ACCRUED INTEREST	CONTRA	C. EXEC	XREF
25,000,000	26,475,000.00	26,476,838.54	0.5	0.00	9301.	<input type="text"/>	121120088

Additional Data
3 **DK Remove**

Figure 10: DK Remove Screen for Repo/Revr Trades

4 Success!

UNDK accepted by FICC: TID = 002253-8C10, XREF = 121120088.

TID: 002253-8C10, PCP » Cancel
Business Date: 12/10/2008

Participant ID: DEALER B TEST ACCOUNT - 9380

Transaction Type	<input checked="" type="checkbox"/> REVR	Participant Executing Firm	<input type="text"/>
Trade Date	12/10/2008	Give Up	<input type="text"/>
Trade Time	<input type="text"/>	Type	<input type="text"/>

Figure 11: DK Remove Screen and DK Remove Success Message (partial screen)

5. REPORT CENTER – NEW REPORT ADDED

The “FICC Created Trades and DK Exceptions Report” is a new report created for Demand Processing.

- It is generated daily and contains two (2) sections:
 - Section 1 lists those trades that were created on your behalf as a result of the locked-in process.
 - Section 2 contains the trades that you submitted, but were deleted due to DK.
- If there are no created locked-in trades or deleted trades due to DK, the report will indicate “No Activity”.
- The report uses the same format, layout, sorting, and fields as the existing “Participant Contract Listing/Compared Trades Report”.

To access the “FICC Created Trades and DK Exceptions Report”:

1. Select the Report Center tab
2. Click on the DVP folder
3. Then, click on the “Created_Lockedins.1511” link.

The screenshot shows the FICC Report Center interface. At the top, it says "DTCC Fixed Income Clearing Corporation" and "FICC". Below that, it says "GOV Report Center / 12-09-2008 DVP Reports for 9301".

There is a section "Select a Participant:" with a dropdown menu showing "9301- BROKERTEST". Below that is "Enter a Date:" with a date field set to "12/09/2008" and a "RETRIEVE" button. There is also a "GO TO LATEST" button and navigation links for "Previous Page", "Main Menu", and "Log Off".

The main content area is divided into two columns: "Comparison" and "Netting".

Comparison	Netting
Forward Starting GC Repo 20081208 12102008.PDF	allrejects.net.1202.1
Forward Starting GC Repo Excel 20081209 12102008.TLD	clearance recap.1209.1
PartSubmissionReport C D 20081209 12102008.PDF	clearance difference.1203.1 <i>No activity for this report.</i>
PartSubmissionReport R D 20081209 12102008.PDF	coupon paid.1207.1 <i>No activity for this report.</i>
ParticipantUnallocatedSubstitutions 20081209 12102008.PDF	customer divr reg.net.1213.1
allrejects.1505.1	
amount difference.1507.1 <i>No activity for this report.</i>	
compared trades.1508.1	
created_lockedins.1511.1	
customer divr reg.1516.1 <i>No activity for this report.</i>	<i>No activity for this report.</i>
fed reconciliation.1515.1 <i>No activity for this report.</i>	miscellaneous.1205.1 <i>No activity for this report.</i>
lockedin exception.1509.1	netted summary.1201.1
phase comparison.1506.1 <i>No activity for this report.</i>	open orders.1208.1
	pairoff.1212.1 <i>No activity for this report.</i>

A callout box with a pointer to the "created_lockedins.1511.1" link contains the text: "Click on this link to access the 'FICC Created Trades and DK Exceptions Report.'"

Figure 12: Report Center – FICC Created Trades and DK Exceptions Report