

A low-angle, upward-looking photograph of several tall skyscrapers in a city. The buildings are made of dark and light-colored materials with many windows. The sky is a clear, bright blue with a few wispy clouds. The perspective creates a sense of height and scale.

FIA Tech Electronic Give-Up Automated Invoicing System (eGAINS)

Training Guide

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Chapter 1 eGAINS

Welcome to the FIA Tech Electronic Give-Up Automated Inventory System (eGAINS). This section defines eGAINS terminology, provides a systems overview, outlines eGAINS functions, reviews participant set-ups, and details steps necessary to sign on to the eGAINS system.

1.1 Overview

The Futures Industry Association (FIA) spent the last three years helping the listed derivatives industry address inefficiencies in the give-up process. In February 2007, FIA launched EGUS - an electronic system to execute give-up agreements. Concurrently FIA has been working with the Futures and Options Association to put a system in place to manage give-up payments between executing and clearing brokers.

U.S. exchanges and clearing organizations have developed proprietary systems to automate their billing process and manage the clearing member firms' payables and receivables (i.e. GAINS). The FIA European Chapter worked for over a decade to get a similar system in place for the European markets. Attempts to launch a similar system for the European markets were unsuccessful because the exchanges did not want to share their data with competing clearinghouses. To solve this dilemma, the FIA agreed to license GAINS from The Clearing Corporation (CCorp) and enlist the services of an independent third-party service provider (Markit Group) to run the system.

FIA Technology Services, Inc., a wholly owned subsidiary of FIA, is the administrator of eGAINS. Participating exchanges send trade data electronically at the end of each trading day to Markit and eGAINS downloads agreement and rate information from EGUS. The eGAINS application cross references the exchange trade data against EGUS agreements resulting in daily and month-end trade summaries and billing reports. At the end of the monthly billing cycle, FIA Tech facilitates pay/collects to participant accounts.

Highlights

- eGAINS is a web-based application for billing give-up transactions.
- For standalone processing (agreement and rate detail not extracted from EGUS), the Executing participant is responsible for entering the give-up agreement, account, and rate into eGAINS.
- The Bill To participant (Carrying / Third-Party) reviews the give-up agreement, account, rate and trade information.
- eGAINS calculates the give-up transaction fee by querying the executing firm, executing account, carrying firm and carrying account. This information is used to locate the executing agreement and associated rate table.
- At month-end, the billing cycle allows participants to review payments, reject/resolve discrepancies, and/or approve payments. At the completion of the cycle, eGAINS automatically generates payments to the Executing participant from the Bill To participant through the banking interface.
- eGAINS allows the third party or customer to view trades, accept or reject transactions and payments, and automatically process payments through the banking interface.

1.2 Terminology

It is helpful to understand the following terms when using eGAINS:

Agreement – An electronic give-up agreement that can be initiated in EGUS or uploaded in a PDF file (legacy agreement) and tagged for saving and easy retrieval in EGUS.

Banking Correspondent - Commercial bank designated by FIA Tech to facilitate eGAINS payment transactions.

Carrying Broker - A firm that carries on its books positions that were executed by it or by another firm.

Clearing Broker - The party that maintains a futures clearing account for the Customer and to which the positions resulting from orders executed by an Executing Broker pursuant to the Agreement ultimately are given up.

Contact – A person who is associated with an eGAINS institution and can be assigned as a Documentation Contact, Billing Contact, and an eGAINS user with permissions to perform workflow actions on behalf of various parties within an institution. Contacts log in to eGAINS to review trades, reports, and banking activity.

Customer - The party to whose account the positions ultimately will be given up for clearing. Notwithstanding that the Customer or client may authorize another party to place orders on its behalf, the Customer is always a party to the give-up agreement.

eRate Schedule – A set of rates that can be defined and saved in EGUS using the Maintain Rate Schedule Library option. In EGUS, users define rates using a structure of Exchange, Product Type, and Product and/or set up blanket rate schedules for all Exchanges, selected Exchanges, and selected Product Types for an Exchange.

Executing Broker - The party that executes trades on a futures exchange pursuant to orders received from the Customer, Trader or another authorized agent of the Customer. The positions ultimately are given up to the Customer's account maintained by the Clearing Broker.

Give Out – The process of transferring a trade from one exchange member firm to another whereby one member performs the execution and the other member performs the clearing – maintains the account on behalf of the customer.

Institution – An entity or organization with associated parties and contacts in EGUS.

Party – A Broker, Trader, or Customer organization that can be added to an EGUS Agreement. Each party is associated with an institution. This term is equivalent to counterparty on a Give-Up Agreement.

Take Up – The process of the clearing member accepting trades, traded by an execution entity, on behalf of a Customer.

Trader - The party to whom the Customer has given authority to place orders on its behalf with Executing Brokers of the Trader's choice for give-up to its account maintained by the Clearing Broker.

1.3 Navigating the Document

System screens and action steps are referenced using >> to offset the action. For example Click in *Agreement* >> *Accounts* >> *Add* represents a series of actions steps within eGAINS. Further, specific screen print function keys are highlighted via circle.

1.4 Functions

Given a completed give-up agreement and rate schedule in EGUS, the eGAINS system will:

- If permissioned in EGUS, eGAINS obtains an executed give-up agreement along with rate information from EGUS (download from EGUS to eGAINS).
- Receive the end-of-day give-up transaction file from the participating exchange(s).
- Look up the execution agreement, account, rate, and calculate the give-up transaction fees.
- Provide the participants T+1 reports and end-of-month preliminary and final reports.
- Allow participants to review trade details, modify transactions, resolve discrepancies, and confirm or reject trade changes.
- Complete the billing cycle. eGAINS automatically debits and credits the clearing and execution participants respectively.

1.5 EGUS Participant Set-Up

EGUS exchange and firm codes are cross-referenced against the exchange give-in trade data (along with participants and account numbers) for locating the corresponding agreement detail. Therefore EGUS participants are required to add exchange and firm codes within EGUS as a prerequisite to eGAINS data integration.

To add the EGUS exchange and firm codes:

1. In *EGUS >> Admin >> Maintain Party >> Exchange Firm Codes >> Add*, select the appropriate exchange and input the firm code or mnemonic (unique identifier assigned by the respective exchange) corresponding to the exchange.

EGUS - Electronic Give-Up Agreement System - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://fiaegus.markit.com/egus/common/Main.jsp> Go Links

Admin Login User : David Wilson [Get Connex] [Help] [Admin Help] [Logout]

Search Institutions & Parties Search Contacts Agreement Report Billing View Error

Maintain Party | Details | Permissions | **Exchange Firm Codes** | Cancel Save

Party Info

Parent Institution **EGUS System Monitor 5**

Party Name

☒ Active

Primary Contact

Agreement Options

Agreements Require Approvers

☐ Preferred Initiator. Warn other Parties when this Party prefers to initiate new Agreements.

☐ This Party trades on Italian Exchanges. Send reminder for Transitory Agreement upon execution.

Billing Details

The details below will display on Agreement Contact List for this Party.

☐ Copy from Parent Institution

Mailing Address Line 1

Documentation Contacts

All selected Documentation Contacts will display on Agreement Contact List for this Party.

All Contacts Documentation Contacts

Add >

< Remove

Billing Contacts

All selected Billing Contacts will display on the Agreement Contact List for this Party.

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start Market Connex for... Inbox - Microsoft ... 2 Internet Explorer Document2 - Mic... EGUS Support Docs Tuesday, April 15, 2008 9:51 AM

EGUS - Electronic Give-Up Agreement System - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Mail Print Word Pad Explorer Runes Messenger

Address <https://fiaegus.markit.com/egus/common/Main.jsp> Go Links

FIA

Admin Login User : David Wilson [Get Connex] [Help] [Admin Help] [Logout]

Search Institutions & Parties Search Contacts Agreement Report Billing View Error

Maintain Party

| [Details](#) | [Permissions](#) | Exchange Firm Codes |

Party EGUS System Monitor 5

Add **Delete**

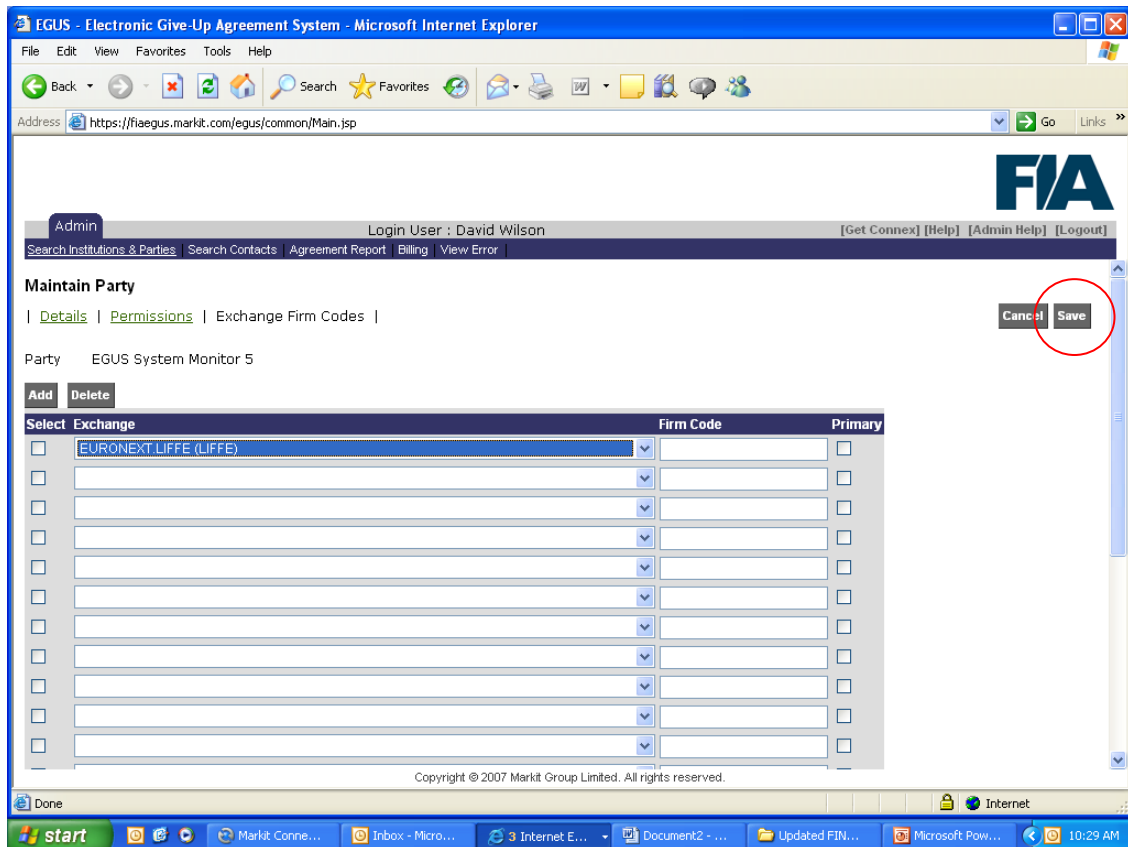
Select	Exchange	Firm Code	Primary
<input type="checkbox"/>		▼	<input type="checkbox"/>
<input type="checkbox"/>		▼	<input type="checkbox"/>
<input type="checkbox"/>		▼	<input type="checkbox"/>
<input type="checkbox"/>		▼	<input type="checkbox"/>
<input type="checkbox"/>		▼	<input type="checkbox"/>
<input type="checkbox"/>		▼	<input type="checkbox"/>
<input type="checkbox"/>		▼	<input type="checkbox"/>
<input type="checkbox"/>		▼	<input type="checkbox"/>
<input type="checkbox"/>		▼	<input type="checkbox"/>
<input type="checkbox"/>		▼	<input type="checkbox"/>
<input type="checkbox"/>		▼	<input type="checkbox"/>
<input type="checkbox"/>		▼	<input type="checkbox"/>
<input type="checkbox"/>		▼	<input type="checkbox"/>
<input type="checkbox"/>		▼	<input type="checkbox"/>
<input type="checkbox"/>		▼	<input type="checkbox"/>

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Done Internet

start Market Conne... Inbox - Micro... Internet ... Document2 - ... EGUS Suppor... Microsoft Po... 9:52 AM

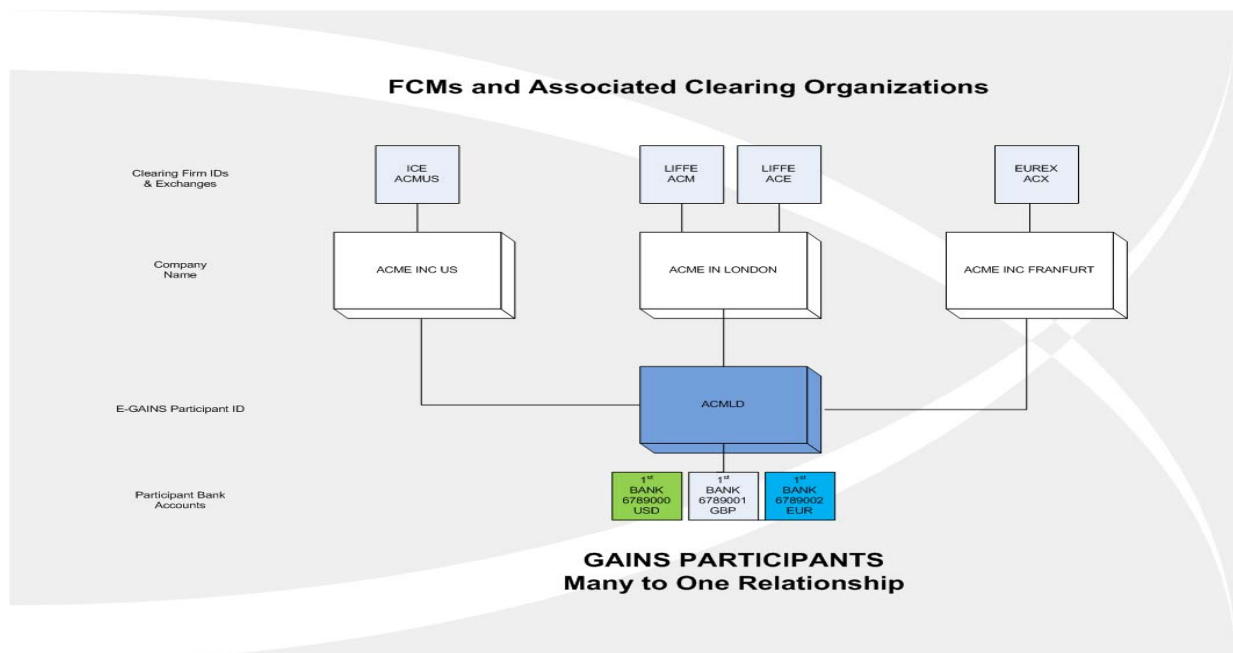
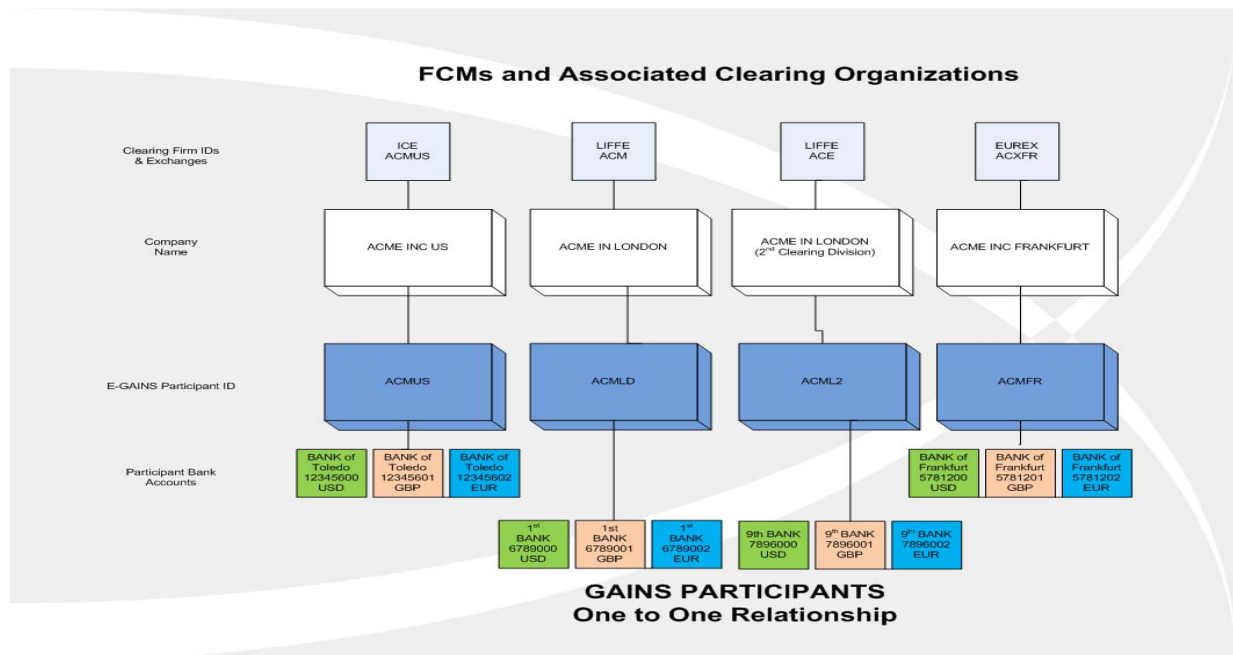
[illegible]



1.6 eGAINS Participant Set-Up

The participant ID provides user access to view or update the give-up trade records. Participant IDs are based on exchange clearing relationships and the maximum number of IDs is contingent on the number of firm mnemonics at the exchange. For instance, if an institution has two clearing firm affiliates at any respective exchange(s), eGAINS may create two user IDs. Even though eGAINS can create distinct IDs per relationship it is not necessary to create an ID per relationship since the institution may want to group all trade activity under one ID.

In other words, parent firms may segregate eGAINS Participant IDs to the extent they receive exchange trade data for multiple firms or affiliates (see below illustrations). The ID and firm relationship set-ups are established via FIA Tech's eGAINS Participant User Set-Up form (the form can be found on the FIA web site: <http://www.futuresindustry.org/onboarding-documentation.asp>).



Chapter 2 Data Mapping – EGUS to eGAINS

Prior to EGUS firms maintained hard copy give-up agreements and rate documents. With the introduction and integration of the electronic give-up system (EGUS), firms either keypunched the existing agreement and rate information into EGUS (thereby creating an electronic record), attached a PDF copy of the paper documents / legacy agreements, or both. Given the electronic integration between EGUS and eGAINS, PDF documents are not supported and the information contained within the PDF document must be electronically added to the system.

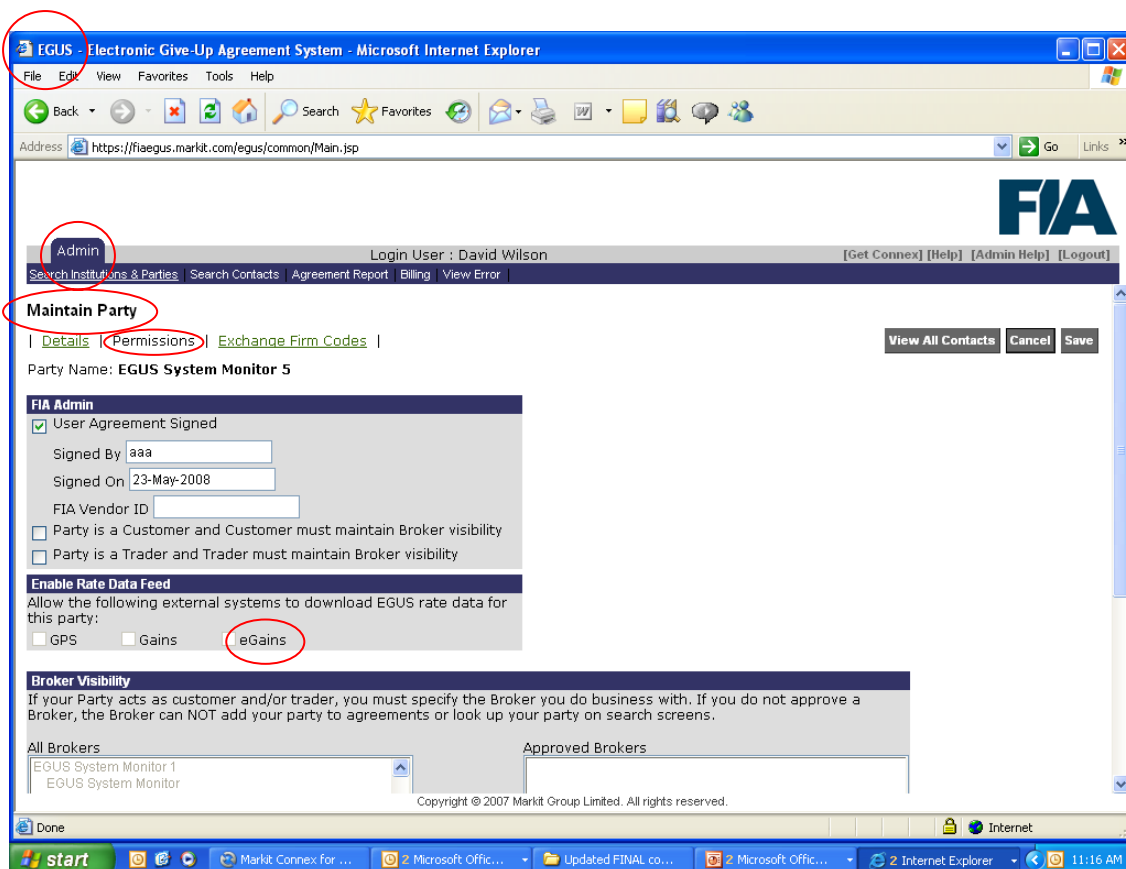
NOTE: Agreement changes may be made in eGAINS direct; however the recommended approach is to make changes in EGUS and avoid changing agreement and rate information in eGAINS. Since the daily download from EGUS to eGAINS overwrites the previous eGAINS file, changes made in eGAINS will be deleted with subsequent EGUS downloads. Therefore, to avoid losing the eGAINS changes always use EGUS for modifying agreement details.

2.1 Electronic Rate Transfer (one-time set-up)

EGUS agreements are auto-converted to eGAINS (EGUS agreement numbers pass thru or post to eGAINS). Even though the data conversion is seamless, the EGUS system administrator (for each participating entity) must direct or authorize EGUS to transfer the electronically entered rate data (one-time set-up) to eGAINS.

To enable EGUS to transfer the data to eGAINS:

1. In *EGUS >> Admin >> Maintain Party >> Permissions* select or click on the box adjacent to **ENABLE RATE DATA FEED >> eGAINS**.

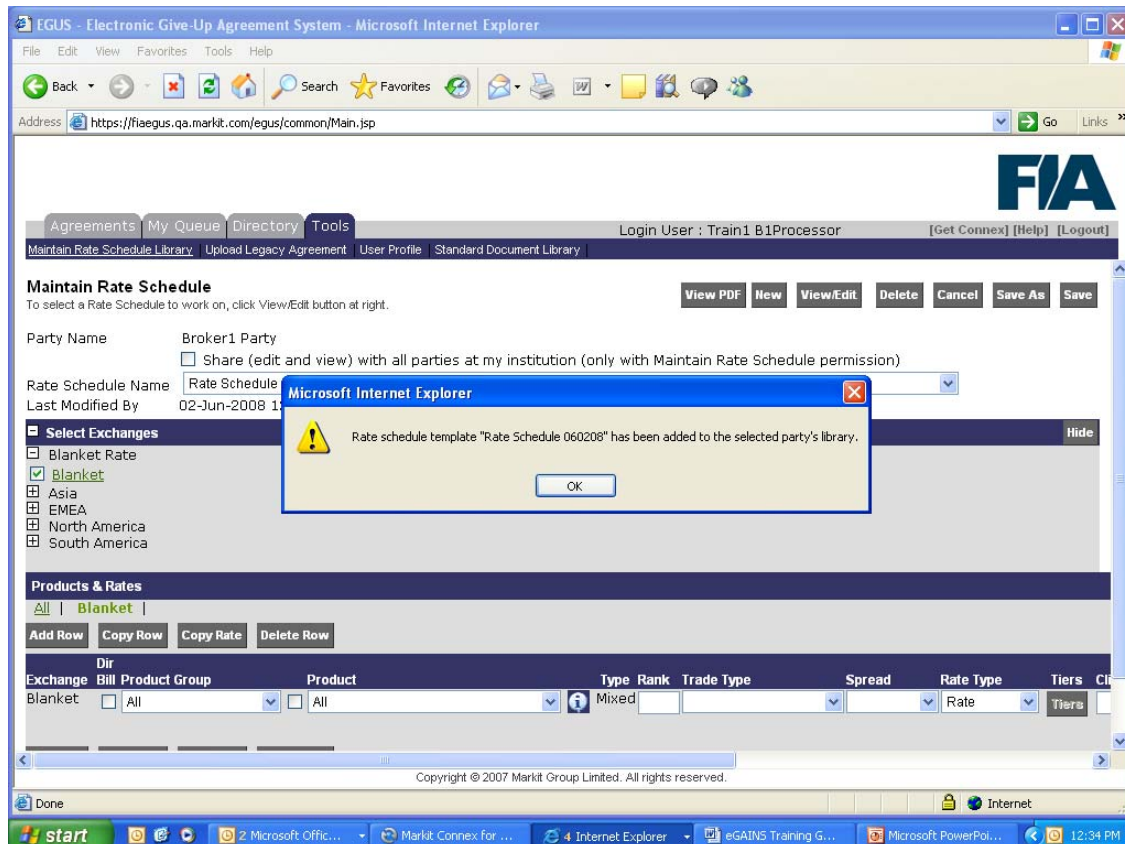
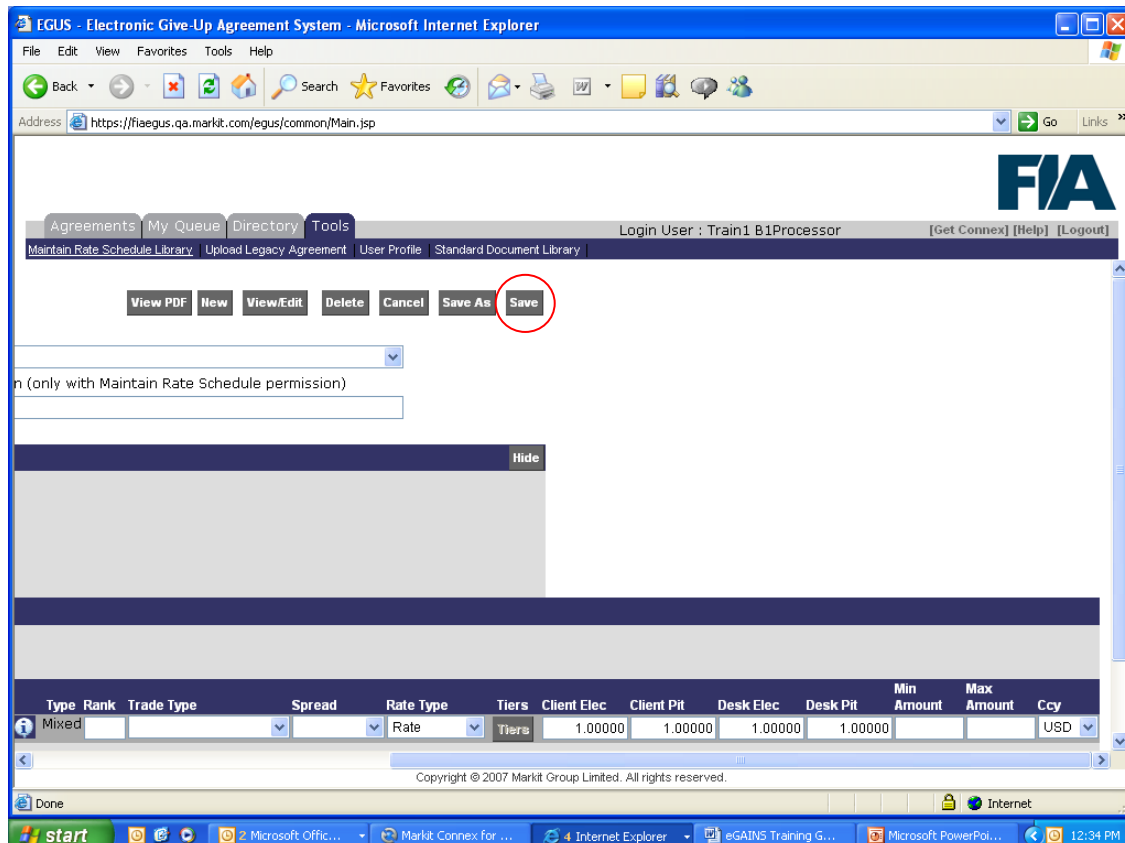


2.2 Electronic Rate Schedules

EGUS PDF-supported agreements and rates will NOT convert to eGAINS. However with EGUS V2.2 users may create an electronic rate schedule and attach it to an existing, fully executed agreement (that currently has only a PDF rate schedule). This enables the electronic rate schedule to pass to eGAINS automatically.

To create an electronic rate schedule:

1. Access EGUS.
2. Click in *Tools >> Maintain Rate Schedule >> Party Name >> Rate Schedule Name (free-form text field) >> Select Exchanges >> Product & Rates >>* and save the rate schedule into the e-Rate library.



3. Access the agreement >> *My Queue* page and link the e-Rate to the agreement by clicking the ID and on the >> *View / Manage Agreement* >> **EDIT** on the following screen.

EGUS - Electronic Give-Up Agreement System - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://fiaegus.qa.markit.com/egus/common/Main.jsp>

Agreements **My Queue** Directory Tools Login User : Train1 B1Processor [Get Connex] [Help] [Logout]

My Queue

Filters Collapse

Executing Broker Name Executing Account ID Account ID

Clearing Broker Name Clearing Account ID Account ID

Trader Name Select Party Role Name

Customer Name Select Party Role Name

Agreement ID ID

Agreement Type Any

Where Effective Date is on or after dd-MMM-yyyy

Search Reset

| All | In Progress | Review | Approval | Executed | Stale | Terminated |

ID	Status	Executing Broker	X Accts	Rate	Clearing Broker	Q Accts	Trader	Q Customer	Q Effective Date	Modified Date	Termination Date
15033215	In Progress	Broker1	0	0	Broker11	0	Trader1		22-May-2008		
15033213	In Progress	Broker1	1	1	Broker11	1		Disclosed by Acct Nbr	22-May-2008		
15033200	In Progress	Broker1	1	1	Broker11	1		Disclosed by	22-May-2008		

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EGUS - Electronic Give-Up Agreement System - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://fiaegus.qa.markit.com/egus/common/Main.jsp>

Agreements My Queue Directory Tools Login User : Train1 B1Processor [Get Connex] [Help] [Logout]

View / Manage Agreement Current State: In Progress

View Actions View PDF Send to Review Delete Cancel

ID and Dates Edit

Agreement ID 15033215 [EFT]

Preceding Agreement

Following Agreement

Jurisdiction England and Wales

Initiated on 22-May-2008 17:33:56 by Train1 B1Processor

Last Modified on 22-May-2008 17:33:56 by Train1 B1Processor

Executed on

Effective Date

Termination Date

Parties Edit

Dealer Broker1 Party

Clearing Broker Broker11 Party

Trader Trader1 Party

Comments Add Comments

Accounts and Rates Edit

Rates: None Bill To: Customer

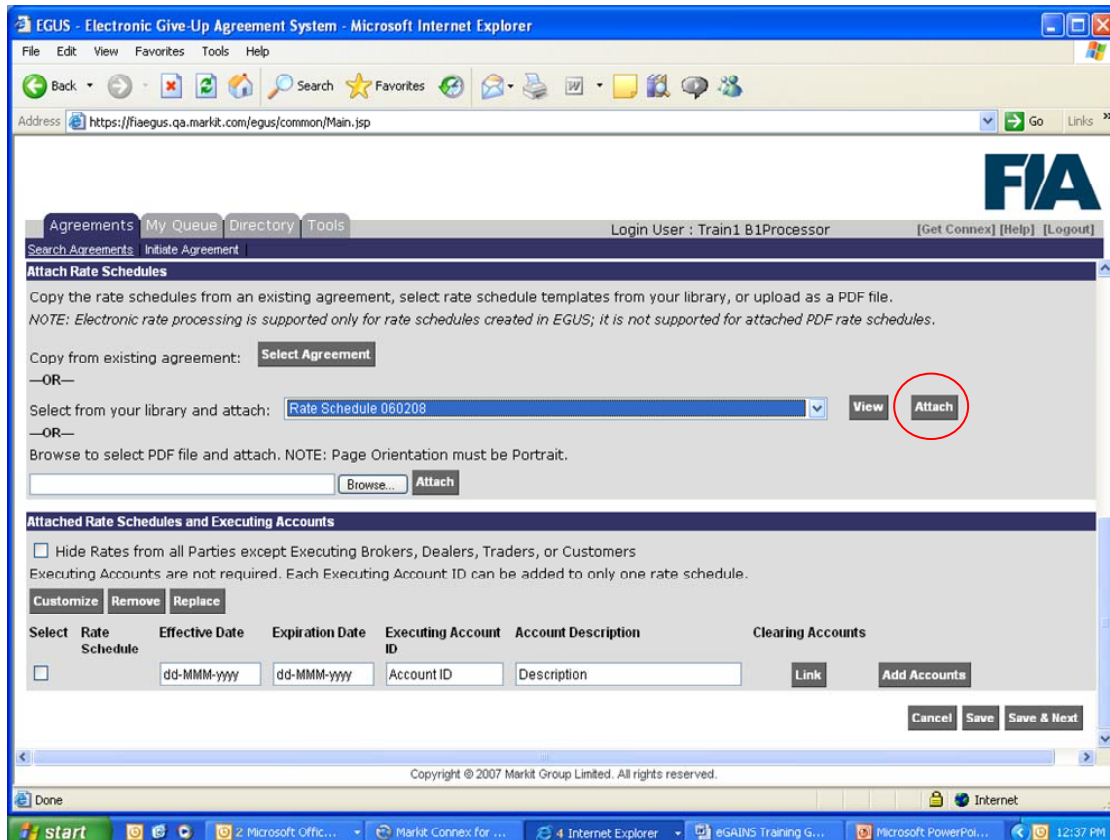
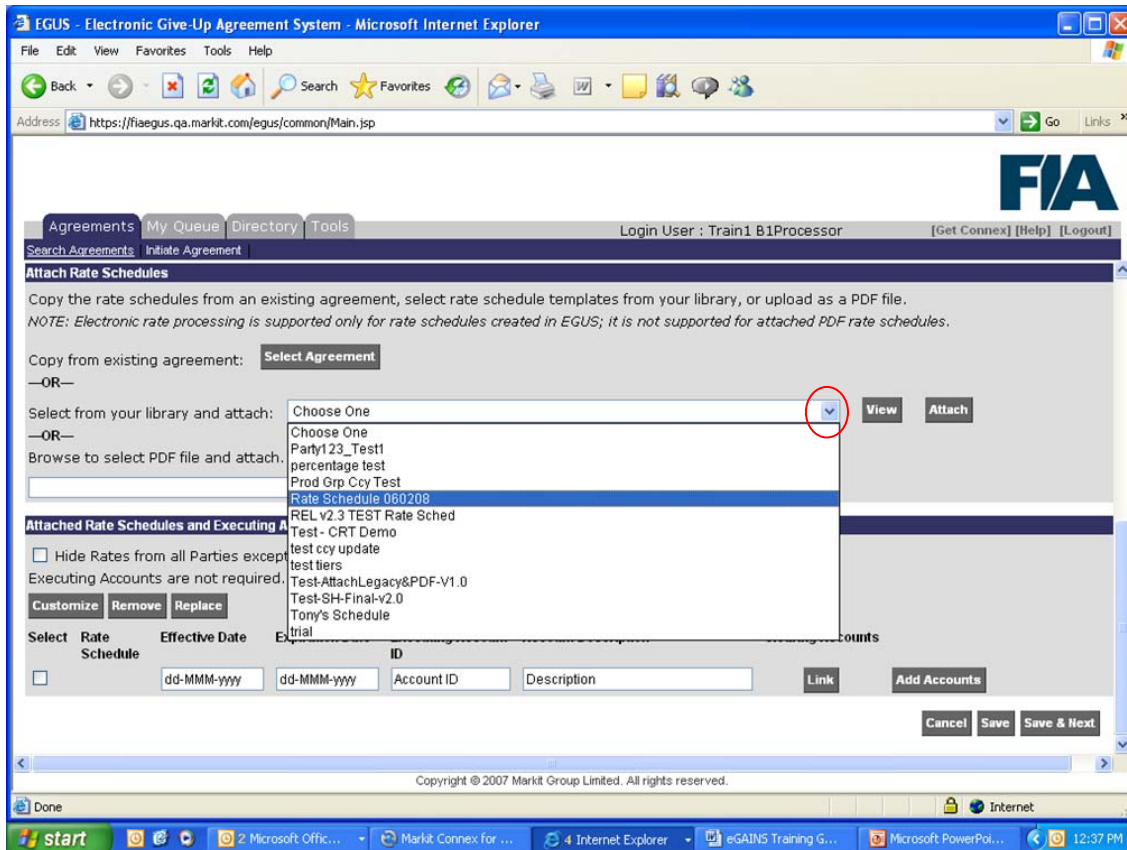
Rate Schedules and Executing Accounts

Schedule Effective Expiration Account ID Description

Clearing Accounts

Account ID Description Effective Expiration

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- The electronic rate file name appears in the Attached Rate Schedules and Executing Accounts section allowing the user to correlate the information (Hide Rates suppresses Carry participant rate view).

EGUS - Electronic Give-Up Agreement System - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://fiaegus.qa.markit.com/egus/common/Main.jsp>

FIA

Agreements | My Queue | Directory | Tools Login User : Train1 B1Processor [Get Connex] [Help] [Logout]

Search Agreements | Initiate Agreement | **Attach Rate Schedules**

Copy the rate schedules from an existing agreement, select rate schedule templates from your library, or upload as a PDF file.
NOTE: Electronic rate processing is supported only for rate schedules created in EGUS; it is not supported for attached PDF rate schedules.

Copy from existing agreement: **Select Agreement**

—OR—

Select from your library and attach: Rate Schedule 060208 **View** **Attach**

—OR—

Browse to select PDF file and attach. NOTE: Page Orientation must be Portrait.
Browse... **Attach**

Attached Rate Schedules and Executing Accounts

☒ Hide Rates from all Parties except Executing Brokers, Dealers, Traders, or Customers
Executing Accounts are not required. Each Executing Account ID can be added to only one rate schedule.

Customize **Remove** **Replace**

Select	Rate Schedule	Effective Date	Expiration Date	Executing Account ID	Account Description	Clearing Accounts
<input type="checkbox"/>	Rate Schedule 060208-2008-06-02-123952	dd-MMM-yyyy	dd-MMM-yyyy	Account ID		Link Add Accounts

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Chapter 3 eGAINS – Navigating the Application

3.1 Sign On

To sign on to eGAINS:

1. From the Internet Explorer, access the following web page: <https://fiaegains.markit.com/>
2. Enter your FIA assigned User Name and Password and select **SUBMIT**.



FIATeCH

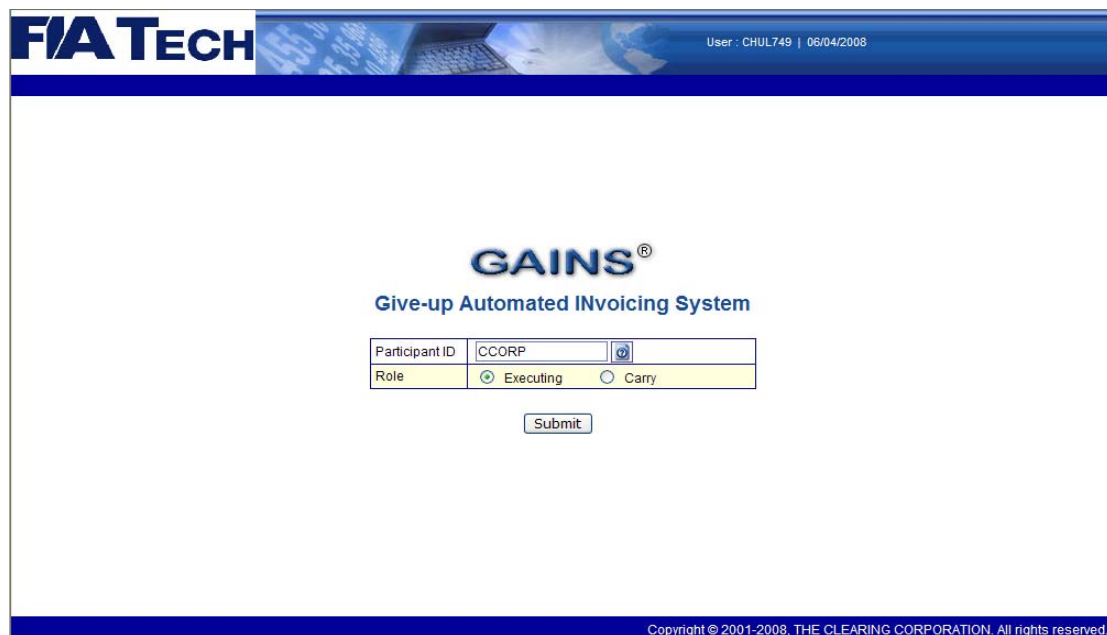
GAINS®
Give-up Automated INvoicing System

GAINS v1.1

Copyright © 2001-2008, THE CLEARING CORPORATION. All rights reserved.

User Name	<input type="text"/>
Password	<input type="password"/>
<input type="button" value="Submit"/>	

3. The Participant ID and Role appear.



FIATeCH

User : CHUL749 | 06/04/2008

GAINS®
Give-up Automated INvoicing System

Participant ID	CCORP	<input type="button" value="v"/>
Role	<input checked="" type="radio"/> Executing <input type="radio"/> Carry	

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3.2 Toggle between Roles (Executing and Carry Participants)

To change Role (Executing Firm to Carrying Firm):

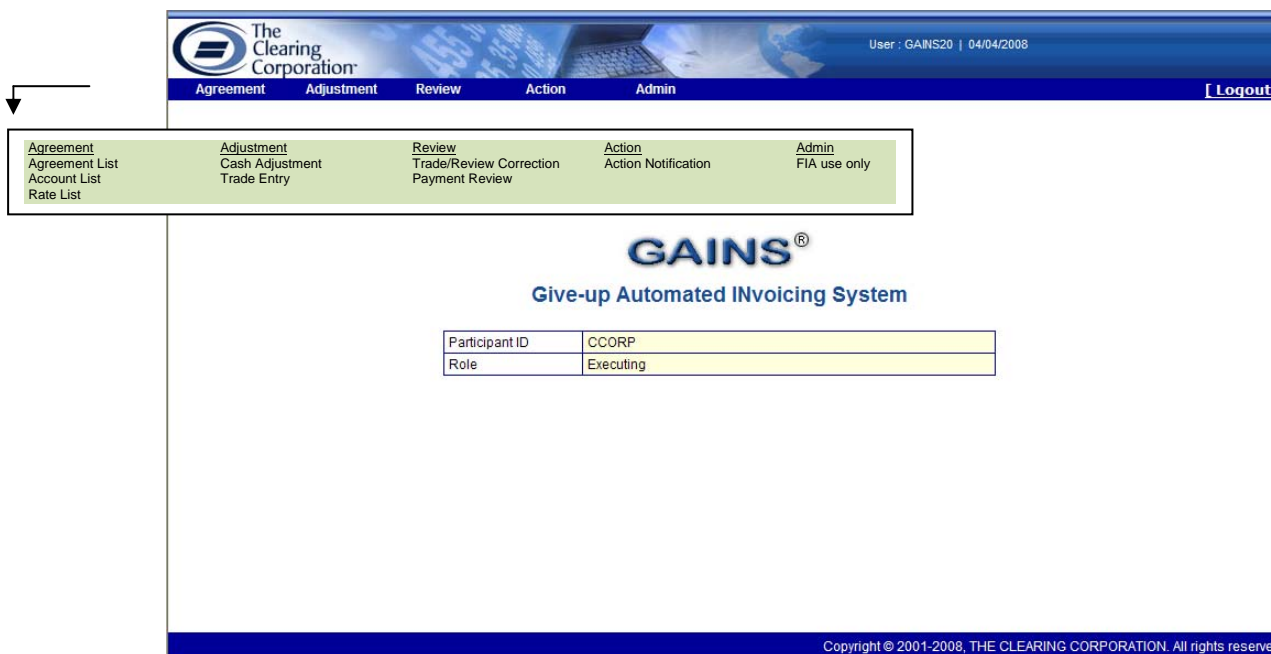
1. Select any function from the main menu (*Agreement >> Adjustment >> Review >> Action* – see eGAINS Site Map below for additional screen information). All function or action screens display the participant's Role (Executing or Carry Firm).

The screenshot shows the eGAINS system interface. At the top, there is a header bar with the logo of The Clearing Corporation and the user information: User : GAINS20 | 04/04/2008. Below the header is a navigation menu with tabs: Agreement, Adjustment, Review, Action, and Admin. The 'Agreement' tab is selected and circled in red. To the right of the navigation menu, there is a section for Participant ID (CCORP) and Role (Executing, Carry) with a 'Change' button, also circled in red. Below this is a search criteria section with fields for Customer Name, Agreement Ref. #, Bill To Participant, Date From (mm/dd/yyyy), Date To (mm/dd/yyyy), Agreement Type (Select), and Customer Ref. #. There are 'Search', 'Clear', and 'Add' buttons. At the bottom, there is a copyright notice: Copyright © 2001-2008, THE CLEARING CORPORATION. All rights reserved.

2. Click the appropriate participant role and select **CHANGE**.

3.3 Site Map

The following diagram maps the eGAINS screen layout:



3.4 Standalone Processing (eGAINS direct input)

EGUS Agreement and e-Rate schedules populate eGAINS daily. However eGAINS users are not required to use EGUS for maintaining agreements and rates. Users may enter agreement data directly into eGAINS. This section – standalone processing – details the steps necessary for setting-up an agreement, establishing accounts within the agreement, and adding rates to the agreement directly into eGAINS.

3.4.1 Enter Agreement Information – standalone processing

To add agreement information (only Executing firms can add agreements):

1. Click in *Agreement >> Agreement List* (the Agreement List allows users to add, display, or search agreements by Role as well as view accounts and rates associated with an agreement) and select **ADD**.

The screenshot shows the 'Agreement » Agreement List' page. At the top, there's a navigation bar with 'Agreement' selected. Below it, there's a search criteria section with fields for Customer Name, Agreement Ref. #, Bill To Participant, Date From (mm/dd/yyyy), Date To (mm/dd/yyyy), Agreement Type (a dropdown menu), and Customer Ref. #. The 'Add' button is circled in red. The 'Participant ID' dropdown is set to 'CCORP' and the 'Role' is set to 'Executing'.

2. The new agreement input page appears allowing the user to input the following:
 - Agreement Ref. # (auto generated)
 - Agreement Date
 - Agreement Type (drop down menu for managing the billing relationship)
 - Bill Carry Participant (system default) - debits the carry participant through eGAINS
 - Calculate Fee Only – calculates fees only, does not result in banking debits/credits through eGAINS
 - Inter FCM – agreement between firms without account specific information
 - Bill to Third Party – debits the third party customer. Since the Bill to Third Party requires the Third Party to be an eGAINS participant, please contact FIA Tech to assist in the set-up and documentation process.
 - Customer Name
 - Customer Ref. # (user assigned identifier)
 - Customer Contact
 - Customer Phone
 - Executing Contact
 - Executing Phone
 - Customer Address

3. Enter agreement information.

The Clearing Corporation User: GAINS20 | 04/04/2008

Agreement Adjustment Review Action Admin Logout

Participant ID CCORP Role ☒ Executing ☐ Carry Change

Agreement » Agreement List » Add

Agreement	Account	Rates	View
Agreement Ref. #		Agreement Date	04/04/2008
Customer Name		Customer Ref. #	
Customer Contact		Customer Phone	
Executing Contact		Executing Phone	
Customer Address			
<input type="button" value="Submit"/> <input type="button" value="Reset"/>			

Select
Bill Carry Participant
Calculate Fee Only
Inter FCM
Bill to Third Party

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4. Click **SUBMIT** to add the agreement.

The Clearing Corporation User: GAINS20 | 04/04/2008

Agreement Adjustment Review Action Admin Logout

Participant ID CCORP Role ☒ Executing ☐ Carry Change

Agreement » Agreement List » Edit

Agreement	Account	Rates	View
Agreement Ref. #	001	Agreement Date	04/04/2008
Customer Name	ABC COMMODITIES LIMITED	Customer Ref. #	ABCC
Customer Contact	JANE SMITH	Customer Phone	123.456.7890
Executing Contact	JOHN DOE	Executing Phone	987.654.3210
Customer Address	123 MAIN STREET SUITE 2100 OPERATIONS DEPARTMENT CHICAGO, ILLINOIS 60606		
<input type="button" value="Submit"/> <input type="button" value="Add"/> <input type="button" value="Reset"/> Agreement 001 added successfully			

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3.4.2 Modify an Existing Agreement – standalone processing

To modify an existing agreement:

1. Click in *Agreement* >> *Agreement List* and input the corresponding search field (i.e. Agreement Ref. #) to locate the agreement and select **SEARCH**.

The Clearing Corporation
User : GAINS20 | 04/04/2008

Agreement Adjustment Review Action Admin [Logout]

Participant ID: CCORP Role: ☒ Executing ☐ Carry [Change]

Agreement » Agreement List

Customer Name	Agreement Ref. #	Bill To Participant	Date From (mm/dd/yyyy)	Date To (mm/dd/yyyy)	Agreement Type	Customer Ref. #
	001				Select	

[Search] [Clear]

[Add]

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2. To recall the agreement details, select the notepad under >> *Action*.

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User : GAINS20 | 04/04/2008

Agreement Adjustment Review Action Admin [Logout]

Participant ID: CCORP Role: ☒ Executing ☐ Carry [Change]

Agreement » Agreement List

Customer Name	Agreement Ref. #	Bill To Participant	Date From (mm/dd/yyyy)	Date To (mm/dd/yyyy)	Agreement Type	Customer Ref. #
	001				Select	

[Search] [Clear]

[Add]

Action	Customer Name	Agreement Ref. #	Bill To Participant	Agreement Date	Agreement Type	Customer Ref. #
	ABC COMMODITIES LIMITED	001		04/04/2008	Bill Carry Participant	ABCC

Agreements per page: 10 [1]

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3. Modify as needed (all fields may be modified *except* the Agreement Ref. #) and **SUBMIT**. The status, Agreement ### added successfully finalizes and update(s).

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User: GAINS20 | 04/04/2008

Agreement Adjustment Review Action Admin [Logout]

Participant ID: CCORP Role: ☒ Executing ☐ Carry [Change]

Agreement » Agreement List » Edit

Agreement Account Rates View

Agreement Ref. #	001	Agreement Date	04/04/2008	Agreement Type	Bill Carry Participant
Customer Name	ABC COMMODITIES LIMITED		Customer Ref. #	ABCC	
Customer Contact	JANE SMITH		Customer Phone	123.456.7890	
Executing Contact	JOHN DOE		Executing Phone	987.654.3210	
Customer Address	123 MAIN STREET				
	SUITE 2100				
	OPERATIONS DEPARTMENT				
	CHICAGO, ILLINOIS 60606				

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The Clearing Corporation
User: GAINS20 | 04/04/2008

Agreement Adjustment Review Action Admin [Logout]

Participant ID: CCORP Role: ☒ Executing ☐ Carry [Change]

Agreement » Agreement List » Edit

Agreement Account Rates View

Agreement Ref. #	001	Agreement Date	04/04/2008	Agreement Type	Bill Carry Participant
Customer Name	ABC COMMODITIES LIMITED		Customer Ref. #	ABCC	
Customer Contact	JANE SMYTH		Customer Phone	123.456.7890	
Executing Contact	JOHN DOE		Executing Phone	987.654.3210	
Customer Address	123 MAIN STREET				
	SUITE 2100				
	OPERATIONS DEPARTMENT				
	CHICAGO, ILLINOIS 60606				

Agreement 001 modified successfully

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3.4.3 Search for an Agreement

To search for an agreement:

- Click in *Agreement >> Agreement List* and input the search criteria and select **SEARCH**.
To view the entire list of agreements, do not specify search criteria and select **SEARCH**.
- Customer Name
- Agreement Ref. #
- Bill To Participant (drop down menu option listing participants)
- Date From (mm/dd/yyyy)
- Date To (mm/dd/yyyy)
- Agreement Type (see 3.4.1 Enter Agreement Information for option details)
- Customer Ref. # (Customer Ref. # is not a searchable file for Carry participants)

The Clearing Corporation

User: GAINS20 | 04/04/2008

Agreement Adjustment Review Action Admin [Logout]

Participant ID: CCORP Role: ☒ Executing ☐ Carry [Change]

Agreement » Agreement List

Search Criteria

Customer Name	Agreement Ref. #	Bill To Participant	Date From (mm/dd/yyyy)	Date To (mm/dd/yyyy)	Agreement Type	Customer Ref. #
ABC COMMODITIES					Select	

[Search] [Clear]

[Add]

Search Result

Action	Customer Name	Agreement Ref. #	Bill To Participant	Agreement Date	Agreement Type	Customer Ref. #
	ABC COMMODITIES LIMITED	001		04/04/2008	Bill Carry Participant	ABCC

Agreements per page: 10 [1]

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3.4.4 Add Accounts to an Agreement – standalone processing

To add accounts to an agreement:

1. Recall or access the agreement and select **ACCOUNT**.

The Clearing Corporation
User : GAINS20 | 04/04/2008

Agreement Adjustment Review Action Admin [Logout]

Agreement » Agreement List » Edit

Participant ID: CCORP Role: ☒ Executing ☐ Carry [Change]

Agreement Account Rates View

Agreement Ref. #	001	Agreement Date	04/04/2008	Agreement Type	Bill Carry Participant
Customer Name	ABC COMMODITIES LIMITED		Customer Ref. #	ABCC	
Customer Contact	JANE SMYTH		Customer Phone	123.456.7890	
Executing Contact	JOHN DOE		Executing Phone	987.654.3210	
Customer Address	123 MAIN STREET				
	SUITE 2100				
	OPERATIONS DEPARTMENT				
	CHICAGO, ILLINOIS 60606				

[Submit] [Add] [Reset]

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The Clearing Corporation
User : GAINS20 | 04/04/2008

Agreement Adjustment Review Action Admin [Logout]

Agreement » Accounts » Add

Participant ID: CCORP Role: ☒ Executing ☐ Carry [Change]

Agreement Account Rates View

Agreement Ref. #	001	Agreement Date (mm/dd/yyyy)	04/04/2008	Agreement Type	Bill Carry Participant
------------------	-----	-----------------------------	------------	----------------	------------------------

Account Information

Bill To Participant	Carry Exchange/Firm	Carry Account	Executing Account	Profit Center
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

[Submit] [Clear]

View Accounts

Action	Bill To Participant	Carry Exchange/Firm	Carry Account	Executing Account	Profit Center	Reject Reason
No Data Found						

Accounts per page 10

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2. In the >> *Account Information* section input the account details and select **SUBMIT**.
 - Bill To Participant (drop down menu provides a list of eGAINS participants)
 - Carry Exchange / Firm (drop down menu provides the Exchange and Firm codes for Bill To Third Party participants only)
 - Carry Account
 - Executing Account
 - Profit Center (profit center is an eGAINS free format pass-thru field for participant use only often denoting location or office)

NOTE: Only the executing participant can add/edit/delete accounts whereas the carry participant can view/accept/reject accounts.

The screenshot shows the 'Account Information' section of the eGAINS system. The 'Account Information' section is highlighted with a red circle. It contains the following fields:

Bill To Participant	Carry Exchange/Firm	Carry Account	Executing Account	Profit Center
TE1		12345	L9876	01

Below the table are 'Submit' and 'Clear' buttons. The 'View Accounts' section below it shows 'No Data Found'.

3. Click **SUBMIT** to add the trade to the View Accounts section (repeat the process to add multiple accounts).

The screenshot shows the 'View Accounts' section of the eGAINS system. The 'View Accounts' section is highlighted with a red circle. It contains the following table:

Action	Bill To Participant	Carry Exchange/Firm	Carry Account	Executing Account	Profit Center	Reject Reason
X	TE1		12345	L9876	01	

The 'Accounts per page' dropdown is set to 10, and there is a red indicator (1) next to it.

3.4.5 Add Rates to an Agreement – standalone processing

To add rates to an agreement:

1. Enter the agreement number and select **RATES**.

The screenshot shows the 'The Clearing Corporation' eGAINS system interface. The user is logged in as 'GAINS20' on '04/04/2008'. The 'Add Rates' process is in progress. The 'Account Ref. #' field is set to '001'. The 'View Accounts' table shows one account with a reject reason.

Action	Bill To Participant	Carry Exchange/Firm	Carry Account	Executing Account	Profit Center	Reject Reason
	TE1		12345	L9876	01	

Accounts per page: 10 (1)

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2. Input the rate detail in the >> *Rate Information* section and select **SUBMIT**. Following SUBMIT, the rate information appears in the *View Rates* section.
 - Effective Date (The default date is the current date however the user may change the effective date as necessary. Since rate tables are effective date driven, users are allowed to link multiple rate tables to one agreement.)
 - Exch (exchange)
 - Com (commodity)
 - Tran Type (transaction type or trade type indicator, i.e. spread, EFP, block, etc.)
 - O/C (open/close indicator)
 - Trans Source (transaction source, i.e. APS, Bclear, OTC, etc.)
 - Rate Type
 - Future (FRT) and Option (ORT) – The indicator designates rate (per contract charge), percentage (% of notional value), or flat (fixed) relative to fees.
 - Band allows for a scalable fee based on volume. The futures rate type flag determines the logic used in the futures fee calculation.
 - Maximum Fee – The maximum amount to be charged if the calculated fee exceeds the maximum fee.
 - Minimum Fee – The minimum amount to be charged if the calculated fee is below the minimum fee.
 - Cur (currency)

When adding or changing rate tables the user will be prompted to >> *Recalculate All*. Recalculate results in a recalculation of associated trades only if the effective date is prior to the current date.

Rank determines the rate hierarchy relative to the rate schedule. Generic rates (i.e. a flat rate for the entire exchange) are typically added after specific rates and therefore are ranked lower than specific rates. Rates are ranked in the order submitted and users can re-rank rates as needed.

The Clearing Corporation
User : GAINS20 | 04/04/2008

Agreement Adjustment Review Action Admin [Logout](#)

Participant ID: CCORP Role: ☒ Executing ☐ Carry [Change](#)

Agreement » Rate List » Add

Agreement Account **Rates** View

Agreement Ref. # 001 Agreement Date 04/04/2008 Agreement Type Bill Carry Participant Effective Date 04/04/2008

Rate Information

EXCH	COM	Tran Type	O/C	Tran Source	Future Rate	FRT	Option Rate	ORT	Min. Fee	Max. Fee	CUR
					0.000	Rate	Band	0.000	Rate	Band	CHF

[Submit](#) [Clear](#)

View Rates [Effective Date : 04/04/2008]

Action	Rank	EXCH	COM	Tran Type	O/C	Tran Source	Future Rate	FRT	Option Rate	ORT	Min. Fee	Max. Fee	CUR
No Data Found													

[Recalculate All](#)

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The Clearing Corporation
User : GAINS20 | 04/04/2008

Agreement Adjustment Review Action Admin [Logout](#)

Participant ID: CCORP Role: ☒ Executing ☐ Carry [Change](#)

Agreement » Rate List » Add

Agreement Account **Rates** View

Agreement Ref. # 001 Agreement Date 04/04/2008 Agreement Type Bill Carry Participant Effective Date 04/04/2008

Rate Information

EXCH	COM	Tran Type	O/C	Tran Source	Future Rate	FRT	Option Rate	ORT	Min. Fee	Max. Fee	CUR
LIFFE					1.000	Rate	Band	1.000	Rate	Band	GBP

[Submit](#) [Clear](#)

View Rates [Effective Date : 04/04/2008]

Action	Rank	EXCH	COM	Tran Type	O/C	Tran Source	Future Rate	FRT	Option Rate	ORT	Min. Fee	Max. Fee	CUR
No Data Found													

[Recalculate All](#)

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The Clearing Corporation User : GAINS20 | 04/04/2008

Agreement Adjustment Review Action Admin [Logout]

Participant ID CCORP Role ☒ Executing ☐ Carry Change

Agreement » Rate List » Add

Agreement Account Rates View

Agreement Ref. # 001 Agreement Date 04/04/2008 Agreement Type Bill Carry Participant Effective Date 04/04/2008

Rate Information

EXCH	COM	Tran Type	O/C	Tran Source	Future Rate	FRT	Option Rate	ORT	Min. Fee	Max. Fee	CUR
					0.000	Rate	Band	0.000	Rate	Band	CHF

Submit Clear Rate Combination Added Successfully

View Rates [Effective Date : 04/04/2008]

Action	Rank	EXCH	COM	Tran Type	O/C	Tran Source	Future Rate	FRT	Option Rate	ORT	Min. Fee	Max. Fee	CUR
 X 1		LIFFE					1.000	Rate		1.000	Rate		GBP

Copy Rate Recalculate All

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3.4.6 View Agreements – All Fields

View provides a single screen summary of agreement, account, and rate detail. To view all fields of an agreement:

1. Access the agreement and select **VIEW**.

FIA TECH User : dadam@futuresindustry.org | 06/04/2008

Agreement Adjustment Review Action Admin [Logout]

Participant ID TE1 Role ☒ Executing ☐ Carry Change

Agreement » View

Agreement Account Rates View

Agreement Ref. #	00001	Agreement Date	06/02/2008	Agreement Type	Bill Carry Participant
Customer Name	MARC MACQUARRIE	Customer Ref. #	99999		
Customer Contact	SANTA CLAUS	Customer Phone	312-786-5732		
Executing Contact	EASTER BUNNY	Executing Phone	312-593-6148		
Customer Address	227 W MONROE CHICAGO IL 60606 SUITE 1500				

Account Information

Bill To Participant	Carry Exchange / Firm	Carry Account	Executing Account	Profit Center	Reject Reason
TE1		10000	99999	9400	

Rate Information

Effective Date : 06/02/2008

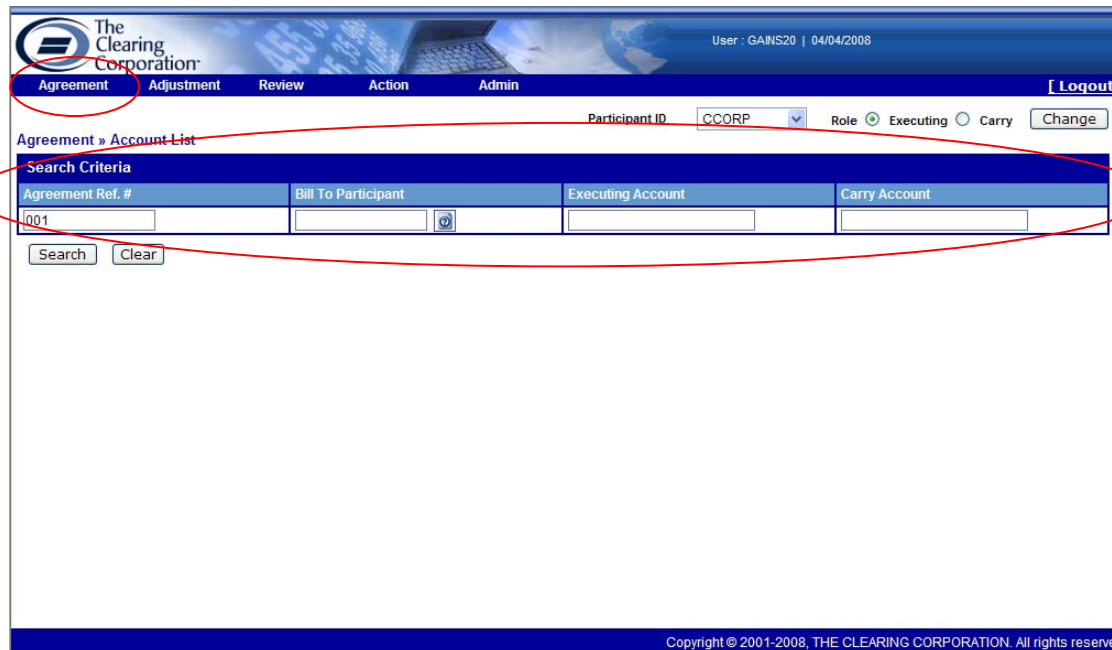
EXCH	COM	Tran Type	O/C	Tran Source	Future Rate	FRT	Option Rate	ORT	Min. Fee	Max. Fee	CUR
					0.750	Rate	0.750	Rate			GBP
ICE	L				1.000	Rate	1.000	Rate			GBP

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3.4.7 Search for an Account

To search for an account:

1. Click in >> *Agreement* >> *Account List* and input the search criteria (Search Criteria section) – Agreement Ref. #, Bill To Participant, Executing Account and/or Carry Account – and select **SEARCH**. To view the entire list of accounts, do not specify search criteria and select **SEARCH**.



The Clearing Corporation
User: GAINS20 | 04/04/2008

Agreement Adjustment Review Action Admin Logout

Participant ID: CCORP Role: ☒ Executing ☐ Carry Change

Agreement > Account List

Search Criteria

Agreement Ref. #	Bill To Participant	Executing Account	Carry Account
001			

Search Clear

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2. The search results appear in the Search Result section. To recall the account details, >> *Action* >> [+].



The Clearing Corporation
User: GAINS20 | 04/04/2008

Agreement Adjustment Review Action Admin Logout

Participant ID: CCORP Role: ☒ Executing ☐ Carry Change

Agreement > Account List

Search Criteria

Agreement Ref. #	Bill To Participant	Executing Account	Carry Account
001			

Search Clear

Search Result

Action	Agreement Ref. #	Bill To Participant	Executing Account	Carry Account
+	001	TE1	L9876	12345

Accounts per page: 10 [1]

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3. To view and edit the agreement, account, or rates, >> *Action* >> *notepad image*.

The Clearing Corporation
User : GAINS20 | 04/04/2008

Agreement Adjustment Review Action Admin Logout

Participant ID: CCORP Role: ☒ Executing ☐ Carry Change

Agreement » Accounts » Add

Agreement Account Rates View

Agreement Ref. # 001 Agreement Date (mm/dd/yyyy) 04/04/2008 Agreement Type Bill Carry Participant

Account Information

Bill To Participant	Carry Exchange/Firm	Carry Account	Executing Account	Profit Center
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Submit Clear

View Accounts

Action	Bill To Participant	Carry Exchange/Firm	Carry Account	Executing Account	Profit Center	Reject Reason
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	TE1		12345	L9876	01	

Accounts per page 10 [1]

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3.4.8 Search for a Rate

To search for a rate:

- Click in >> *Agreement* >> *Rate List* input the search criteria – Customer Name, Agreement Ref. #, Date From (mm/dd/yyyy), Date To (mm/dd/yyyy), Bill To Participant, and/or Customer Ref. # – and select **SEARCH**. To view the entire rate list, do not specify search criteria and select **SEARCH**.

The Clearing Corporation
User : GAINS20 | 04/04/2008

Agreement Adjustment Review Action Admin Logout

Participant ID: CCORP Role: ☒ Executing ☐ Carry Change

Agreement » Rate List

Search Criteria

Customer Name	Agreement Ref. #	Date From (mm/dd/yyyy)	Date To (mm/dd/yyyy)	Bill To Participant	Customer Ref. #
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Search Clear

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2. To recall the account details >> *Search Result* >> *Action* >> [+].

The Clearing Corporation
User : GAINS20 | 04/04/2008

Agreement Adjustment Review Action Admin Logout

Participant ID: CCORP Role: ☒ Executing ☐ Carry Change

Agreement » Rate List

Search Criteria						
Customer Name	Agreement Ref. #	Date From (mm/dd/yyyy)	Date To (mm/dd/yyyy)	Bill To Participant	Customer Ref. #	
	001					

Search Clear

Search Result								
Action	Bill To Participant	Agreement Ref. #	Effective Date	Agreement Date	Agreement Type	Customer Ref. #	Customer Name	Status
+	TE1	001	04/04/2008	04/04/2008	Bill Carry Participant	ABCC	ABC COMMODITIES LIMITED	

Rates per page 10 (1)

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3.5 3rd Party Relationships

EGUS allows participants to list the *Executing Broker*, *Clearing Broker*, *Customer*, and *Trader* in the give-up agreement and eGAINS allows users to designate third-party billing.

Working through their Execution Firm, the third-party or customer (in order to facilitate payment to the executing firm through eGAINS), must become an eGAINS participant by completing the eGAINS Processing Agreement and submitting their banking instructions to FIA Tech. Within the EGUS / eGAINS third-party relationship, the executing broker has the ability to bill the customer and receive the execution fees through the system. Agreement, rate, trade, and payment detail are only viewable to the executing and third-party participants. Systems (EGUS and eGAINS) may be set-up to accommodate two billing options (1) Bill the customer and process the give-in payment through eGAINS, or (2) Bill the customer and process the payment outside of eGAINS. See below for a summary of system set-up parameters. Contact FIA Tech for complete details.

- Bill the customer and process the payment through eGAINS:
 - Customer completes the eGAINS Processing Agreement
 - Customer provides FIA Tech with detailed banking instructions
 - EGUS: Bill To, Customer
 - EGUS: Hide Rates
 - eGAINS: Designate the agreement as a Third Party Agreement (allows eGAINS to facilitate payment from customer to Executing Firm)
 - eGAINS: Bill To Third Party
 - eGAINS: Add the Third Party's carrying participant Exchange/Firm code

or

- Bill the customer and process the payment outside of eGAINS:
 - Executing Firm completes the eGAINS Processing Agreement
 - EGUS: Bill To, Customer
 - EGUS: Direct Bill = Y

Chapter 4 Trade Processing

4.1 Trade Review

The Trade Review function allows Executing and Bill To participants to review trade details including fees, to identify accounts and rates missing from an agreement, and allows the Bill To participants to reject trades.

To review give-up transactions, set the appropriate Role (Executing or Carry participant):

1. Click in >> *Review* >> *Trade Review* and input the search criteria in the Search Criteria section. Select **SEARCH**. To review all trades, do not input search criteria and select **SEARCH**.
 - Trade Date (mm/dd/yyyy)
 - Executing Account
 - Bill To Participant
 - Carry Account
 - Com (commodity)
 - B/S (buy/sell indicator)
 - O/C (open/close indicator)
 - Contract Date (mm/yy)
 - C/P (call/put)
 - TT (trade type indicator)
 - TS (transaction source code)
 - Order Number
 - RI (reversal indicator)
 - Status (rejected, unlinked)

The screenshot displays the 'Trade Review' interface of The Clearing Corporation. The top navigation bar includes 'Agreement', 'Adjustment', 'Review' (selected), 'Action', and 'Admin'. A 'Logout' link is visible on the right. Below the navigation bar, the 'Review' section is active, showing 'Trade Review' and 'Correction' options. The 'Participant ID' is set to 'TE1'. The 'Role' is set to 'Executing' (radio button selected). The 'Search Criteria' section contains a table with the following columns: Trade Date (mm/dd/yyyy), Executing Account, Bill To Participant, Carry Account, COM, B/S, O/C, Contract Date (mm/yy), C/P, TT, TS, Order Number, RI, and Status. The 'Search' button is highlighted with a red circle. The 'Clear' button is also visible. The footer contains the copyright notice: 'Copyright © 2001-2008, THE CLEARING CORPORATION. All rights reserved.'

2. Trade details or search result information appears in the Search Result section. The STA (status), DEL (delete), and UND (undo) fields are auto populated and represent the disposition of the trade. The dispositions change as the trades are modified. See 4.1.1 Status Codes for a list of status codes.

The screenshot shows the 'Trade Review / Correction' page in the eGAINS system. The 'Search Result' section is circled in red. It contains a table with the following data:

STA	DEL	UND	Trade Date (mm/dd/yyyy)	EXCH	Firm ID	Account	Rate
E			04/04/2008	LIFFE	TE1	L9876	15790

4.1.1 Status Codes

eGAINS recognizes the following trade status codes:

- A = Add
- C = Change
- E = Error (unlinked trade due to missing rate)
- R = Rejected
- X = Delete

4.2 Trade Reversal, Eurex

Eurex does not have a trade reversal system for processing trades taken-up in error. To reverse the misallocated take-up, the clearing firm simply initiates a give-up to the originating firm (executing firm) through the Eurex give-up system. Upon receipt of the give-up from the misallocated clearing firm, the executing firm would give-up the trade to the correct clearing firm. Each leg of the give-up process (three legs total), presuming each entity is an eGAINS participant, will appear on the end of day eGAINS trade file. If all parties agree (via joint conference call), the Exchange allows the clearing firm of the misallocated trade to redirect or give the trade directly to the clearer thereby bypassing the give-back to the originating executor.

For trades yet to be taken-up by the clearing firm the executing firm has the ability to cancel or delete the unclaimed transactions and re-initiate the give-out as desired. However, at the end of the day all unclaimed trades are cancelled and the position remains with the executing firm.

With respect to busted or deleted trades exchange procedures require counterparties to the trade to communicate misclears to the exchange within 30 minutes of execution. All trades, 30 minutes after execution, are good trades. Busted give-up trades are also reversed but will remain in the eGAINS file as give-out cancels.

To reverse the misallocated take-up on T+1, the clearing firm would simply initiate a give-up to the originating firm (executing firm). The T+1 give-up will contain the process date (T+1 or current date)

and the original trade date (T). Upon receipt of the give-up from the misallocated clearing firm, the executing firm would give-up the trade to the correct clearing firm. The end of day eGAINS trade file will include both legs of the as-of give-up. The original leg was received on trade date. Give-ups are also possible on T+2 after initiating a Eurex HITT – Historical Trade Transfer.

4.3 Trade Reversal, ICE

ICE, like Liffe uses the Trade Registration System (TRS) for processing trades. That said, ICE does not have a trade reversal system for processing trades taken-up in error. In the event of a misallocation, the firm(s) must notify exchange officials providing the trade details as well as requesting a trade reversal. The exchange confirms the request with all counterparties and changes the trade status from allocated to unallocated. Since the reversal and re-allocation occurred on trade date, the exchange provides only the execution and clearing entry on the eGAINS trade file. The misallocated give-out is not included in the end of day trade file.

Give-outs, yet to be taken-up by the clearing firm, must be resolved by the end of the business day. All unclaimed trades at the end of the day are considered unallocated. Unallocated position remains with the executing firm and the give-out allocation is moved to the Kerb TRS account for the clearing firm to accept the next business day.

On T+1, to reverse a misallocated taken-up on trade date, the clearing firm(s) must notify exchange officials of the trade details as well as request a trade reversal. The exchange confirms the request with all counterparties and changes the trade status of the as-of allocation from allocated to unallocated. Since the original allocation occurred on trade date and the reversal on T+1, the exchange provides the execution and clearing entry on the eGAINS trade file on trade date. The T+1 reversal and reallocation would be included on the eGAINS file with the as-of trade date.

4.4 Trade Reversal, Liffe

Since Liffe and ICE use the Trade Registration System (TRS) for processing trades, please reference section 4.3 Trade Reversal, ICE for trade reversal details.

4.5 Add Trades

The Trade Entry screen is used by the Executing participant to manually enter trades that did not clear or post through the exchange's give-up process. To add a trade:

1. Click in >> *Adjustment* >> *Trade Entry* and add the trade detail. Select **SUBMIT**.

4.6 Correct Manually Added Trades

Recall the trade, highlight the appropriate field and enter the correction. Select **UPDATE**. This prompt the system to change the trade record and trade status from blank to C.

4.7 Reject Trades

Trades may be rejected by the Bill To participant only due to misinformation – trade, rate, fee, or account. Further, the Carry participant may add a rejection message to the reject record indicating the reason for the rejection. If the rejected trade is not re-accepted before the start of the banking cycle, eGAINS will not process the payment calculation. Rejections create an action notification to the Executing participant.

To reject all or part of a transaction, recall the transaction:

1. Click in >> *Review* >> *Trade Review/Correction* (drop down menu option within *Review*). Change the Role from Executing to Carry (if needed) and select **CHANGE**.

The screenshot shows the eGAINS interface for reviewing and correcting trades. The top navigation bar includes 'Agreement', 'Adjustment', 'Review' (selected), 'Action', and 'Admin'. A 'Logout' link is in the top right. Below the navigation bar, the 'Review » Trade Review / Correction' section is active. The 'Participant ID' is set to 'TE3'. The 'Role' is set to 'Carry' (with 'Executing' also visible), and the 'Change' button is highlighted. Below this is the 'Search Criteria' section, which contains a table with the following columns: Trade Date (mm/dd/yyyy), Executing Account, Executing Participant, Carry Account, COM, B/S, O/C, Contract Date (mm/yy), C/P, TT, TS, Order Number, RI, and Status. The 'Status' column has a dropdown menu set to 'All'. Below the table are 'Search' and 'Clear' buttons. The footer of the interface states 'Copyright © 2001-2008, THE CLEARING CORPORATION. All rights reserve'.

2. Input the search criteria in the Search Criteria section and select **SEARCH**. To review all trades, do not input a search criteria and select **SEARCH** (eGAINS displays the full trade record however, due to size constraints, the below screen shot shows only the partial transaction). Search results appear in the Search Result window.

The Clearing Corporation User : GAINS20 | 05/04/2008

Agreement Adjustment Review Action Admin [Logout]

Participant ID: TE3 Role: ☐ Executing ☒ Carry Change

Review > Trade Review / Correction

Search Criteria

Trade Date (mm/dd/yyyy)	Executing Account	Executing Participant	Carry Account	COM	B/S	O/C	Contract Date (mm/yy)	C/P	TT	T S	Order Number	RI	Status
													All

Search Clear

Search Result

STA	ACC	REJ	Trade Date (mm/dd/yyyy)	Executing			Carry			COM	B/S	O/C	Rate	Contract Date (mm/yy)	C/P	Strike Price	Qu
				EXCH	Firm ID	Account	EXCH	Firm ID	Account								
C		<input type="checkbox"/>	04/04/2008	LIFFE	TE1	L9875	LIFFE	TE3	14784	ED	B	850	12/08			0	
X		<input type="checkbox"/>	04/04/2008	LIFFE	TE1	L9875	LIFFE	TE3	14784	ED	B		12/08			0	

Submit Trades per page 10 [1]

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3. Check the REJ (reject) box to reject the trade and select **SUBMIT**.

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Agreement Adjustment Review Action Admin [Logout]

Participant ID: TE3 Role: ☐ Executing ☒ Carry Change

Review > Trade Review / Correction

Search Criteria

Trade Date (mm/dd/yyyy)	Executing Account	Executing Participant	Carry Account	COM	B/S	O/C	Contract Date (mm/yy)	C/P	TT	T S	Order Number	RI	Status
													All

Search Clear

Search Result

STA	ACC	REJ	Trade Date (mm/dd/yyyy)	Executing			Carry			COM	B/S	O/C	Rate	Contract Date (mm/yy)	C/P	Strike Price	Qu
				EXCH	Firm ID	Account	EXCH	Firm ID	Account								
C		<input checked="" type="checkbox"/>	04/04/2008	LIFFE	TE1	L9875	LIFFE	TE3	14784	ED	B	850	12/08			0	
X		<input type="checkbox"/>	04/04/2008	LIFFE	TE1	L9875	LIFFE	TE3	14784	ED	B		12/08			0	

Submit Trades per page 10 [1]

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4. The STA (status) changed to R reflecting the Bill To participant's rejection.
5.

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Agreement Adjustment Review Action Admin [Logout]

Participant ID: TE3 Role: ☐ Executing ☒ Carry Change

Review » Trade Review / Correction [Successfully Accepted / Rejected Trade]

Search Criteria

Trade Date (mm/dd/yyyy)	Executing Account	Executing Participant	Carry Account	COM	B/S	O/C	Contract Date (mm/yy)	C/P	TT	TS	Order Number	RI	Status
													All

Search Clear

Search Result

STA	AC	REJ	Trade Date (mm/dd/yyyy)	Executing			Carry			COM	B/S	O/C	Rate	Contract Date (mm/yy)	C/P	Strike Price	Qu
				EXCH	Firm ID	Account	EXCH	Firm ID	Account								
R			04/04/2008	LIFFE	TE1	L9875	LIFFE	TE3	14784	ED	B		850	12/08			0
X			04/04/2008	LIFFE	TE1	L9875	LIFFE	TE3	14784	ED	B			12/08			0
X			04/04/2008	LIFFE	TE1	L9875	LIFFE	TE3	14784	ED	B			12/08			0

Submit Trades per page 10 (1)

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5. Scrolling to the right via the eGAINS screen, the Bill To participant may add a comment regarding the reason for the reject >> Reason.

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Agreement Adjustment Review Action Admin [Logout]

Search Criteria

Trade Date (mm/dd/yyyy)	Executing Account	Executing Participant	Carry Account	COM	B/S	O/C	Contract Date (mm/yy)	C/P	TT	TS	Order Number	RI	Status
													All

Search Clear

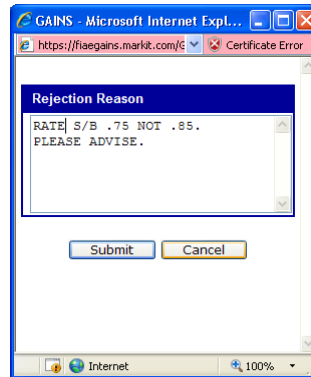
Search Result

Contract	C/P	Strike Price	Trade		TT	TS	Order Number	RI	Premium / Notional Price	Override Payment	Payment	Rejection Reason	Participant Status
			Quantity	Price									
		0	100	9700			002		.000000		85.00	Reason	PROD
		0	100	9700			002		.000000				PROD
		0	100	9700			002		.000000				PROD

Submit Trades per page 10 (1)

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6. Add reject reason to the pop-up window. Select **SUBMIT**.



7. When the Executing firm searches their record by Rejected status (>> Review >> Trade Review/Correction), the rejected trade and detailed message appears.

The Clearing Corporation

User : GAINS20 | 05/04/2008

Agreement Adjustment Review Action Admin [Logout](#)

Participant ID: TE1 Role: ☒ Executing ☐ Carry [Change](#)

Review » Trade Review / Correction

Search Criteria

Trade Date (mm/dd/yyyy)	Executing Account	Bill To Participant	Carry Account	COM	B/S	O/C	Contract Date (mm/yy)	C/P	TT	T S	Order Number	R	Status
													Rejected

[Search](#) [Clear](#)

Search Result

STA	DEL	UND	Trade Date (mm/dd/yyyy)	Executing			Carry			COM	B/S	O/C	Rate	Contract Date (mm/yy)	C/P	Strike Price
				EXCH	Firm ID	Account	EXCH	Firm ID	Account							
R			04/04/2008	LIFFE	TE1	L9875	LIFFE	TE3	14784	ED	B	.850	12/08			0

[Update](#) [Delete](#) [Undo](#)

Trades per page: 10 [1](#)

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4.8 Cash Adjustments

To add a cash adjustment:

1. Click in *Adjustment >> Cash Adjustment >> Add*.

The screenshot shows the FIA TECH web application interface. At the top, there is a navigation bar with tabs: Agreement, Adjustment (highlighted with a red circle), Review, Action, and Admin. Below the navigation bar, there is a header section with the user's name 'dadam@futuresindustry.org' and the date '06/03/2008'. The main content area is titled 'Adjustments » Cash Adjustment'. It contains a 'Search Criteria' section with fields for 'Payment Month' (set to 'Current'), 'Bill To Participant', 'Executing Account', 'Carry Account', and 'Status'. Below these fields are 'Search' and 'Clear' buttons. A red circle highlights the 'Add' button located below the search criteria.

2. Add adjustment details (the Adjustment Date, Bill to Participant, Amount and Currency are mandatory) and select **SUBMIT**:
 - Adjustment Date (mm/dd/yyyy)
 - Bill to Participant
 - Executing Account (if applicable)
 - Carry Account (if applicable)
 - Amount
 - Debit or Credit
 - Currency
 - Description (free form text field used to describe the nature of the adjustment)

The screenshot shows the 'Add' form for Cash Adjustments. The navigation bar is the same as in the previous screenshot. The main content area is titled 'Adjustments » Cash Adjustment » Add'. It contains a form with the following fields: 'Adjustment Date (mm/dd/yyyy)' (set to '06/03/2008'), 'Bill To Participant', 'Executing Account', 'Carry Account', 'Amount' (with a 'Debit' dropdown), and 'Currency'. A red circle highlights the 'Submit' and 'Reset' buttons at the bottom of the form.

NOTE: Once a cash adjustment is added into the system, the adjustment date determines if the adjustment is a current or prior month adjustment. The Review >> Payment Review screen allows users to search by payment month.

Chapter 5 Reports

eGAINS provides daily, month-end preliminary, month-end final, end of cycle preliminary and end of cycle final reports for each processing month.

The following daily and month-end reports will be available:

- GNS00001: Trade Detail Daily Report for Executing Participants
- GNS00002: Trade Detail Daily Report for Carry Participants
- GNS00003: Trade Detail End of Month Report for Executing Participants
- GNS00004: Trade Detail End of Month Report Carry Participants
- GNS00005P: Trade Detail End of Cycle Report for Executing Participants - Prelim
- GNS00005F: Trade Detail End of Cycle Report for Executing Participants - Final
- GNS00006P: Trade Detail End of Cycle Report for Carry Participants - Prelim
- GNS00006F: Trade Detail End of Cycle Report for Carry Participants - Final
- GNS00007: Cash Adjustment Daily Report for Executing Participants
- GNS00008: Cash Adjustment Daily Report for Carry Participants
- GNS00009: Cash Adjustment End of Month Report for Executing Participants
- GNS00010: Cash Adjustment End of Month Report for Carry Participants
- GNS00011P: Cash Adjustment End of Cycle Report for Executing Participants - Prelim
- GNS00011F: Cash Adjustment End of Cycle Report for Executing Participants - Final
- GNS00012P: Cash Adjustment End of Cycle Report for Carry Participants - Prelim
- GNS00012F: Cash Adjustment End of Cycle Report for Carry Participants - Final
- GNS00013: Payment End of Month Report for Executing Participants
- GNS00014: Payment End of Month Report for Carry Participants
- GNS00015P: Payment End of Cycle Report for Executing Participants - Prelim
- GNS00015F: Payment End of Cycle Report for Executing Participants - Final
- GNS00016P: Payment End of Cycle Report for Carry Participants - Prelim
- GNS00016F: Payment End of Cycle Report for Carry Participants - Final
- GNS00017: Rate Set Daily Report for Executing Participants
- GNS00018: Rate Set Daily Report for Carry Participants
- GNS00019: Rate Set Differences Daily Report for Executing Participants
- GNS00020: Rate Set Differences Daily Report for Carry Participants
- GNS00021: Rate Set Differences End of Month Report for Executing Participants
- GNS00022: Rate Set Differences End of Month Report for Carry Participants
- GNS00023: Rate Set Differences End of Cycle Report for Executing Participants – Prelim
- GNS00023F: Rate Set Differences End of Cycle Report for Executing Participants - Final
- GNS00024P: Rate Set Differences End of Cycle Report for Carry Participants - Prelim
- GNS00024F: Rate Set Differences End of Cycle Report for Carry Participants - Final
- GNS00025: Daily Audit Report
- GNS00029: Summary of Payment by Billing Participant for All Participants
- GNS00030: Summary of Payment by Billing Participant Only
- GNS00031: Summary of Payment by Billing Participant - Rerun Production Participants Only
- GNS00032: Payment End of Month Report for Executing Participants - Production Participants Only
- GNS00033: Payment End of Month Report for Carry Participants - Production Participants Only
- GNS00034: Payment End of Cycle Report for Executing Participants - Production Participants - Prelim
- GNS00034F: Payment End of Cycle Report for Executing Participants - Production Participants - Final
- GNS00035: Payment End of Cycle Report for Carry Participants - Production Participants - Prelim
- GNS00035F: Payment End of Cycle Report for Carry Participants - Production Participants - Final

- GNS00036F: Payment End of Cycle Report for Executing Participants - Final Rerun
- GNS00037F: Payment End of Cycle Report for Carry Participants - Final Rerun
- GNS00050: Trade Detail Daily Report for Unlinked Trade

Chapter 6 Banking

To complete the eGAINS monthly processing cycle, FIA Tech provides pay and collect instructions to its banking correspondent. The correspondent (financial institution) acts as an intermediary for transmitting and receiving give-up fee payments. Even though the banking correspondent facilitates month-end payments, it is not necessary to establish a bank account with the institution. To ensure prompt payments however, eGAINS participants must provide FIA Tech with detailed banking instructions no later than 30 days prior to the payment cycle. This provides sufficient time for the correspondent to verify the banking relationship(s) and add the detailed instructions to their payment system in advance of payment processing.

6.1 Payment System

All currency settlements are facilitated through SWIFT.

6.2 Settlement Currencies

Direct debits/drawdowns or credits are made via the eGAINS participant's bank account(s) wherever located. FIA Tech's banking correspondent validates, edits, reformats and/or transmits eGAINS instructions via SWIFT to the participant's designated bank(s).

NOTE: FIA Tech's currency bank accounts are located in London, other than USD, which is domiciled in New York.

At launch and through eGAINS, participants may settle give-up fees in the following currencies:

- CHF, Swiss Franc
- DKK, Danish Krone
- EUR, Euro Currency
- GBP, British Pound
- ISK, Icelandic Krona
- JPY, Japanese Yen
- NOK, Norwegian Krone
- PLN, Polish Zloty
- SEK, Swedish Krona
- TRY, Turkish Lira
- USD, US Dollar
- ZAR, South African Rand

6.3 Processing Guidelines

Please be advised of the following processing guidelines:

- SWIFT payments will be facilitated through FIA Tech's banking correspondent.
- Participants must instruct their bank(s) to release funds to the banking correspondent by completing a 3rd Party Debit Authorization Form (typically supplied by your bank and filed by you, the account holder, with your bank); also known as a Direct Debit Mandate. This is a one-time set-up authorizing the release of funds.
- Give-up pays and collects are gross not net per participant.
- eGAINS recognizes London bank holidays. FIA Tech will adjust debit and credit dates to the degree the payment date(s) coincide with a London bank holiday.

6.4 Managing Accruals and Reducing the Credit Window

Pay/collect match-off between the participant's internal ledger (books) to eGAINS is the responsibility of the participant. eGAINS provides no position or rate reconciliation tool to facilitate an automated comparison.

Since the credit for executed transitions will not post to the executing firm's bank account for 60 business days, eGAINS provides end-of-month trade, position, and pay/collect summary reports. The reports detail the debit and credit amounts FIA Tech shall publish the specific dates to which the monies shall be credited to or debited from the bank accounts (see following report examples).

In the opening days of eGAINS, funds will be held by FIA Tech for 60 business days. The number of days will drop as more users are added to the system. We anticipate dropping the float period to 20 days once the amount of money flowing through the system reaches projected levels.

6.5 Processing Deadlines

Month-end processing deadlines include:

<u>Business Day</u>	<u>Activity/Deadline</u>
1st Bus. Day	Complete prior month accounting
7th Bus. Day (8 p.m., EST)	Deadline for executing firm to correct/adjust trades
15th Bus. Day (8 p.m., EST)	Deadline for clearing firm to re-accept or reject trades
16th Bus. Day	FIA Tech enters debits into banking system
17th Bus. Day	Clearing firms' accounts are debited; credit float begins
Last Bus. Day	Deadline for firms to submit bank changes (names, locations, accounts)
60 Bus. Day from debit	End of float period (variable)

Chapter 7 Contact Us & Help

Markit Support

For questions, please contact Markit Client Relations by:

- Live instant help via Markit Connex, or
- Email at support@markit.com
- Phone in North America at +1 877-7-Markit (i.e. +1 877.762.7548), or in Europe at +31 (0) 20 502 5286

CCorp Support, 312.786.5732

FIA Tech Support, 202.772.3000