PROGRAMMERS DEVELOPMENT SPECIFICATIONS

Programmer’s Guide to File and Content for
Total Billing File
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Support and Questions Regarding This Document
Questions regarding this document can be directed to OneChicago via e-mail at apigroup@onechicago.com

Change Notice

<table>
<thead>
<tr>
<th>Date</th>
<th>Version</th>
<th>Description of Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>February 27, 2017</td>
<td>V1.0</td>
<td>Initial Document</td>
</tr>
<tr>
<td>May 31, 2017</td>
<td>V1.1</td>
<td>File availability period added.</td>
</tr>
<tr>
<td>June 30, 2017</td>
<td>V1.2</td>
<td>Updated Regulatory Fee Name</td>
</tr>
</tbody>
</table>
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1.0 Introduction
OneChicago publishes content that can be downloaded from the exchange SFTP server located at: sftp.onechicago.com

This document describes the Total Billing File, which contains firm total monthly billing costs as a single fee.

1.1 File Cycle

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>First day of the month for previous billing cycle</td>
<td>Close of business (for previous day)</td>
</tr>
</tbody>
</table>

1.2 File Name
{company_id}.billing.total.YYYYMM.csv

Where company_id is the exchange-assigned company identifier.

1.3 File Availability
File is available for 365 calendar days.

2.0 Connectivity
Firms must complete the necessary on-boarding form for connectivity to the exchange SFTP server. Contact operations@onechicago.com for the appropriate form.

3.0 File Overview
The file is comma separated value (CSV) with column headers in the first row.

3.1 Location
The file is sent to a firm’s outbound directory on an exchange SFTP server.
3.2 Field Names and Definitions

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Field Type</th>
<th>Length</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>RecordDate</td>
<td>date</td>
<td>10</td>
<td>Date of fee YYYY-MM-DD</td>
</tr>
<tr>
<td>Description</td>
<td>string</td>
<td>250</td>
<td>Description of billing fee</td>
</tr>
<tr>
<td>FeeAmount</td>
<td>double</td>
<td>-</td>
<td>Amount of line item fee</td>
</tr>
</tbody>
</table>

3.3 Sample

"RecordDate","Description","FeeAmount"
"2017-01-31","Execution Fee","2000.00"
"2017-01-31","Carry Fee","400.00"
"2017-01-31","Regulatory Fee","200.00"
"2017-01-31","OCC Clearing Fee","500.00"
"2017-01-31","Delivery Fee","100.00"
"2017-01-31","Order Entry Gateway MRC","0.00"
"2017-01-31","Network Installation NRC","2400.00"
"2017-01-31","Network Access MRC","1500.00"
"2017-01-31","Front-End Trading Login","1000.00"
"2017-01-31","Fix Session","100.00"
"2017-01-31","Tiered Carry Fee","500.00"
"2017-01-31","Order Entry Gateway Access Fee","450.00"
"2017-01-31","Total","9150.00"