

**AMENDED AND RESTATED  
LIMITED LIABILITY COMPANY AGREEMENT  
OF  
GFI SWAPS EXCHANGE LLC**

This **AMENDED AND RESTATED LIMITED LIABILITY COMPANY AGREEMENT** of GFI Swaps Exchange LLC (such agreement, as amended from time to time, shall be referred to herein as this “**Agreement**”), effective as of August 14, 2015 (the “**Effective Date**”), is entered into by GFIX LLC, a Delaware limited liability company (“**GFIX**”), as Member (as hereinafter defined), and each of those other Members executing this Agreement from time to time in accordance with the terms hereof.

**EXPLANATORY STATEMENT**

GFIX formed the Company pursuant to a Certificate of Formation (the “**Certificate**”) filed with the Secretary of State of Delaware on October 23, 2012, and has been operating pursuant to that certain Limited Liability Company Agreement dated July 10, 2013 (the “**Original LLC Agreement**”). The sole Member has determined to amend and restate the Original LLC Agreement in its entirety in connection with certain modifications to the Board (as hereinafter defined) composition provisions in accordance with the terms and subject to the conditions set forth in this Agreement. The sole Member has determined to enter into this Agreement to govern the management and operation of the Company and the relationship of the parties in accordance with the terms and subject to the conditions set forth in this Agreement.

**AGREEMENT**

For good and valuable consideration, the parties, intending legally to be bound, agree as follows:

**ARTICLE I**

**Definitions**

In addition to any terms that are defined in the text of this Agreement, capitalized terms shall have the following meanings.

(a) “Act” means the Delaware Limited Liability Company Act, as amended from time to time.

(b) “Affiliate” means a Person who, directly or indirectly, Controls, is Controlled by, or is under common Control with, such other Person.

(c) “Applicable Law” means (i) the provisions of all applicable statutes and laws of the United States of America, the states thereof (including the Act), and all other countries in which the Company or any of its Affiliates are then doing business, and (ii) the constitution, by-laws, rules, regulations, orders, customs and usage of (A) the Company and (B) any United States, state or foreign governmental, regulatory or self-regulatory authority, in each case having jurisdiction over the Company or any of its Affiliates.

(d) “Board” means the Board of Directors of the Company.

(e) "Cash Flow" means the revenues and other cash receipts of the Company minus the expenditures of the Company. Cash Flow will not include reserves established by the Board from time to time except to the extent released from the reserves in question for distribution.

(f) "CEA" means the Commodity Exchange Act.

(g) "CFTC" means the Commodity Futures Trading Commission.

(h) "Code" means the Internal Revenue Code of 1986, as amended, or any corresponding provision of any succeeding law.

(i) "Company" means the limited liability company formed in accordance with the Certificate.

(j) "Control" means the possession, direct or indirect, of the power to direct or cause the direction of the management and policies of a Person, whether through the ownership of voting securities, by contract, or otherwise. A Person is presumed to control another Person if the Person: (i) is a director, general partner or officer exercising executive responsibility (or having similar status or functions); (ii) directly or indirectly has the right to vote 25 percent or more of a class of voting securities or has the power to sell or direct the sale of 25 percent or more of a class of voting securities; or (iii) in the case of a partnership, has the right to receive, upon dissolution, or has contributed, 25 percent or more of the capital. The terms "controlling" or "controlled" have meanings correlative to the foregoing.

(k) "Interest" means a limited liability company interest in the Company entitling the holder thereof to receive a share of the Profits and Losses of, and the right to receive distributions from, the Company in accordance with the terms of this Agreement.

(l) "Interest Holder" means any Person who holds an Interest, whether as a Member or as an unadmitted assignee of a Member.

(m) "Majority-in-Interest of the Members" means a Member or Members with a Percentage Interest exceeding fifty percent (50%).

(n) "Member" means each Person signing this Agreement and any Person who subsequently is admitted as a member in the Company.

(o) "Membership Rights" means all of the rights of a Member in the Company, including a Member's: (i) Interests; (ii) right to inspect the Company's books and records; and (iii) right to vote on matters coming before the Members, if any.

(p) "Officer" means any individual from time to time authorized or appointed by the Board to act as an officer or representative of the Company on a general basis or for a specific purpose, which individual shall act for and bind the Company as authorized by the Board.

(q) "Percentage Interest" means, for any Interest Holder, the percentage interest of such Interest Holder in the Company as set forth on Exhibit A.

(r) "Person" means and includes an individual, corporation, partnership, association, limited liability company, trust, estate or other entity.

(s) "Profit" and "Loss" mean, for each taxable year of the Company (or other period for which Profit or Loss must be computed), the Company's taxable income or loss determined in accordance with the Code.

(t) "Resignation" (including its correlative meaning, "Resign") means a Member's resignation from the Company by any means.

(u) "Secretary" means the Delaware Secretary of State.

(v) "Transfer" means, when used as a noun, any direct or indirect sale, hypothecation, pledge, assignment, attachment, or other transfer, and, when used as a verb, means to, directly or indirectly, sell, hypothecate, pledge, assign, or otherwise transfer.

## ARTICLE II

### Formation and Name; Office; Purpose; Term

Section 2.1. Formation of the Company. The Company was formed upon the execution and filing of the Certificate with the Secretary.

Section 2.2. Name. The name of the Company shall be "GFI Swaps Exchange LLC." The Company may do business under that name and under any other name or names as may be determined by the Board.

Section 2.3. Purpose. The purposes of the Company shall be to (i) operate a swap execution facility in accordance with the CEA and regulations promulgated by the CFTC thereunder, (ii) engage in any and all activities necessary, desirable or incidental to the accomplishment of the foregoing and (iii) engage in any other lawful act or activity for which limited liability companies may be organized under the Act, as determined by the Board.

Section 2.4. Term. The term of the Company began upon the filing of the Certificate with the Secretary and shall continue in perpetual existence until dissolved pursuant to this Agreement. The registered office of the Company in the State of Delaware shall be as set forth in the Certificate.

Section 2.5. Location of Principal Place of Business. The principal office and place of business of the Company shall be located at 55 Water Street, New York, NY 10041, or at such other place as the Board may designate from time to time. The name and address of the Company's registered agent in the State of Delaware shall be as set forth in the Certificate.

## ARTICLE III

### Members; Capital; Profit, Loss and Distribution

Section 3.1. Members. The name, present mailing address, taxpayer identification number and Percentage Interest of each Member are set forth on Exhibit A. A Majority-in-Interest of the Members shall have the right to admit additional Members from time to time as it determines in its sole discretion. If at any time a Majority-in-Interest of the Members deems it to be in the best interest of the Company to raise additional equity capital to properly carry out the Company's business and affairs, the Company shall have the right to (a) raise additional equity capital for infusion into the Company from Members or other Persons and issue Interests on terms that may be senior to, junior to, or on parity with,

the terms of the Interests held by then-existing Members, and (b) admit the Persons investing such equity capital as additional Members. In addition, the Company may obtain funds through loans (which may be made by a Member) having such terms and conditions as a Majority-in-Interest of the Members, in its reasonable discretion, deems to be in the best interest of the Company. The Company shall amend Exhibit A from time to time to reflect changes in the identity of the Members and changes in information set forth on Exhibit A.

Section 3.2. Capital. It is acknowledged that GFIX has made all capital contributions to the capital of the Company required to be made by GFIX as of the Effective Date. From time to time the Members may, but shall not be obligated to, contribute additional capital or make loans to the Company, all at such times and upon such terms as the Board shall approve. No Member or Interest Holder shall be required to contribute any additional capital to the Company, and no Member or Interest Holder shall have any personal liability for any obligations of the Company.

Section 3.3. Profit, Loss and Distributions. Cash Flow for each taxable year of the Company shall be distributed to the Interest Holders, at such time as determined by the Board, in proportion to the Interest Holders' respective Percentage Interest. All Profit or Loss shall be allocated to the Interest Holders in proportion to their respective Percentage Interest. If the Company is dissolved, the assets of the Company shall be distributed as provided in **Article IV**.

## ARTICLE IV

### Dissolution

The Company shall be dissolved only if the Board determines to dissolve the Company or if the Company has no Members and no Interest Holder agrees in writing, within thirty (30) days after the occurrence of the event pursuant to which the last Person ceased to be a Member, to become a Member and be bound by the terms and conditions of this Agreement. If the Company is dissolved, the affairs of the Company shall be wound up. On winding up of the Company, the assets of the Company shall be distributed, first, to non-Interest Holder creditors of the Company in satisfaction of the liabilities of the Company, second, to creditors of the Company who are also Interest Holders in satisfaction of the liabilities of the Company but not including those liabilities to the Interest Holders in their capacity as Interest Holders, and then to the Interest Holders in proportion to their Percentage Interest.

## ARTICLE V

### Transfer and Resignation

Except as otherwise expressly permitted by this Agreement, no Member shall have the right, without the prior written consent of the Board, to Transfer all or any part of such Member's Membership Rights; *provided, however*, that if the Transfer is a transfer by operation of law, the dissolution of a non-individual Person or otherwise, and if the result of such transfer would be the Resignation of the last remaining Member in the Company, then the transferee(s) will be automatically admitted as Member(s) in the Company; *provided, further* that any of such transferee(s) may elect, at any time on or before ninety (90) days after such Transfer to such transferee, to Resign as a Member in the Company, such Resignation to be effective retroactive to the date of such Transfer. Except as provided in the preceding sentence, no Member shall have the right to Resign without the prior written consent of GFIX. The Company shall not be obligated to purchase the Interests of any Person who has Resigned for its fair value or otherwise. Notwithstanding any provision contained in this Agreement to the contrary, GFIX shall have the right, without the consent of the Board, to Transfer all or any part of GFIX's Membership Rights, and such transferees shall automatically be deemed to be admitted as a Member in the Company.

The Interests and other Membership Rights are securities governed by Article 8 of the Uniform Commercial Code as in effect in the state of Delaware. Interests and Membership Rights shall not be certificated. The transferee of a Transfer for collateral purposes shall not be admitted as a Member in the Company until such time, if any, as the transferee has realized upon the Membership Rights pledged to it or has acquired such Membership Rights in lieu of such realization and such transferee expressly agrees in writing to be bound to the terms and conditions of this Agreement.

## ARTICLE VI

### Powers, Rights and Duties of the Board

#### Section 6.1. Management of the Company.

(a) Board. Except as otherwise provided in this Agreement, the business and affairs of the Company shall be exclusively managed under the direction of a Board, subject to any power and authority delegated to the Officers as provided in **Article VIII**, and the Board shall have all right and powers of a “manager” under the Act. Except as otherwise specifically provided herein or by Applicable Law, the Board has the power by itself or through agents, and is authorized and empowered on behalf and in the name of the Company, to carry out all of the objects and purposes of the Company and to perform all acts and enter into and perform all acts and other undertakings that it may in its sole discretion deem necessary or advisable in that regard. A member of the Board acting individually in his or her capacity has the power to act or bind the Company to the extent expressly authorized to do so by the Board. The Chairman of the Board, the President and the Secretary of the Company from time to time shall be deemed to be authorized persons within the meaning of the Act, to execute and file any amendments to, or restatements of, the Company’s Certificate with the Secretary and any applicable filings as a foreign limited liability company in any state where such filings may be necessary or desirable. The Board may establish such other rules and procedures for its deliberations as it may deem necessary or desirable.

(b) Number, Election. As of the date hereof, the Board shall consist of two directors elected by GFIX for such purpose. At all times, the Board shall consist of no less than one, and up to seven, directors from time to time elected by GFIX for such purpose. GFIX shall appoint a Chairman of the Board from among the directors, who shall hold office until his or her successor is appointed and qualified or until his or her earlier resignation or removal.

(c) Composition of the Board. At all times following the appropriate compliance date of CFTC regulations applicable to the Company’s governance, the members of the Board shall include no fewer than the minimum number or percentage of “Public Directors” required by such CFTC regulations.

(d) Removal and Resignation of Directors. Members of the Board may be removed from, and substitute or additional members of the Board may be appointed to, the Board, at any time by a Majority-in-Interest of the Members. The Board shall have procedures, as may be further set forth in policies that the Company may adopt, to remove a member from the Board where the conduct of such member is likely to be prejudicial to the sound and prudent management of the Company.

(e) Compensation of Directors. Members of the Board may be paid such compensation for their services and such reimbursement for expenses of attendance at meetings as the Board may from time to time determine. No such payment shall preclude any director

from serving the Company or any of its Affiliates in any other capacity and receiving compensation for such service. The compensation of Public Directors shall not be linked to the business performance of the Company.

(f) Meetings of the Board.

(i) Time and Place. Meetings of the Board will be held at such times, on such dates and at such places as the Board may from time to time establish by resolution or otherwise in accordance with this Agreement. Any or all members of the Board may participate in such meetings by means of conference telephone or other communications equipment by means of which all persons participating in the meeting can hear each other, and such participation in a meeting will constitute presence in person at such a meeting.

(ii) Quorum and Voting. At each meeting of the Board, a whole number of directors equal to at least a majority of the total number of directors constituting the entire Board (including any vacancies) shall constitute a quorum for the transaction of business. The directors present at a duly organized meeting may continue to transact business until adjournment, notwithstanding the withdrawal of enough directors to leave less than a quorum. In case at any meeting of the Board a quorum shall not be present, the members or a majority of the members of the Board present may adjourn the meeting from time to time until a quorum shall be present.

(iii) Special Meetings. Special meetings of the Board may be called by the Chairman of the Board or upon the written request of any two members of the Board. The Chairman will give at least two (2) business days' notice of such meetings to each member of the Board, unless all members of the Board agree to a shorter time period for such notice.

(iv) Decisions of the Board. Decisions of the Board will require the approval of a majority of the members of the Board present at a meeting; *provided* that should the Board be unable to render a decision due to either a tie in the vote or more than one Board member being recused with respect to the issue being voted upon, then GFIX, as the sole Member of the Company, may make the decision in lieu of the Board.

(v) Written Consents in Lieu of a Meeting. Any action required or permitted to be taken at any meeting of the Board, or of any committee thereof, may be taken without a meeting if all members of the Board or of such committee, as the case may be, then in office consent thereto in writing or by electronic transmission, which such writing or electronic transmission shall be filed with the minutes of proceedings of the Board or committee.

Section 6.2. Committees of the Board.

(a) The Board may from time to time designate one or more committees of the Board, with such lawfully delegable powers and duties as it thereby confers, to serve at the pleasure of the Board and shall, for those committees and any others provided for herein, elect a director or directors to serve as the member or members, designating, if it desires, other directors as alternate members who may replace any absent or disqualified member at any meeting of the committee. In the absence or disqualification of any member of any committee and any alternate member in his or her place, the member or members of the committee present at the meeting and

not disqualified from voting, whether or not he or she or they constitute a quorum, may by unanimous vote appoint another member of the Board to act at the meeting in the place of the absent or disqualified member. The Board shall have power at any time to fill vacancies in, or to change the membership of, or to dissolve, any such committee. Nothing herein shall be deemed to prevent the Board from appointing one or more committees consisting in whole or in part of persons who are not directors of the Company; *provided, however*, that no such committee shall have or may exercise any authority of the Board.

(b) Each committee may determine the procedural rules for meeting and conducting its business and shall act in accordance therewith, except as otherwise provided herein or required by law. A majority of any committee may fix the time and place of its meetings, unless the Board shall otherwise provide. Adequate provision shall be made for notice of such meetings to be given to members of the committees.

(c) Unless the Board otherwise provides, each committee designated by the Board may adopt, amend and repeal rules for the conduct of its business. In the absence of a provision by the Board or a provision in the rules of such committee to the contrary, a majority of the entire authorized number of members of such committee shall constitute a quorum for the transaction of business, unless the committee shall consist of one (1) or two (2) members, in which event one (1) member shall constitute a quorum. The vote of a majority of the members present at a meeting at the time of such vote if a quorum is then present shall be the act of such committee. Action may be taken by any committee without a meeting if all members thereof consent thereto in writing or by electronic transmission, which such writing or electronic transmission shall be filed with the minutes of the proceedings of such committee.

## ARTICLE VII

### Liability and Indemnification

Section 7.1. Except as otherwise required by non-waivable provisions of Applicable Law or as expressly set forth in this Agreement, no Interest Holder shall have any personal liability whatsoever in such Interest Holder's capacity as an Interest Holder in excess of its capital contribution, whether to the Company, to any of the other Interest Holders, to the creditors of the Company or to any other third party, for the debts, liabilities, commitments or any other obligations of the Company or for any losses of the Company, other than arising out of a breach of this Agreement by such Interest Holder.

Section 7.2. None of the Members, the directors or the Officers shall be personally liable for the return of any portion of the capital contributions (or any return thereon) of the Interest Holders and the return, if any, of such capital contributions (or any return thereon) shall be made solely from assets of the Company. None of the Members or the directors or Officers shall be required to pay to the Company or any Interest Holder any deficit in any Interest Holder's capital account upon dissolution of the Company or otherwise. None of the Members, directors or the Officers shall be liable, responsible or accountable, in damages or otherwise, to any Interest Holder or to the Company for any act performed by such Member, director or such Officer within the scope of the authority conferred on the Members, directors or the Officers by this Agreement, except for gross negligence, fraud, bad faith or a material breach of this Agreement.

Section 7.3. The Company shall, to the fullest extent permitted by the Act, indemnify and hold harmless the Interest Holders, Members, directors, Officers and their respective partners, shareholders, members, officers, trustees, advisory board, directors, employees, attorneys and agents and other affiliates (collectively, the "**Indemnified Parties**") from and against any loss, expense, damage or

injury suffered or sustained by them by reason of any acts, omissions or alleged acts or omissions arising out of their activities on behalf of the Company or in furtherance of the interests of the Company or by reason of the fact that such Person is or was an Interest Holder, Member, director, Officer, employee or agent of the Company, or is or was serving at the request of the Company as a director, trustee, member, manager, officer, employee or agent of another limited liability company, corporation, partnership, joint venture, trust or other enterprise, including, but not limited to, any judgment, award, settlement, reasonable attorneys' fees and other costs or expenses incurred in connection with the investigation and defense of any actual or threatened action, proceeding or claim, unless the acts, omissions or alleged acts or omissions upon which such actual or threatened action, proceeding or claim is based arose out of such Indemnified Party's gross negligence or were performed or omitted fraudulently or in bad faith by such Indemnified Party or constituted a material breach of this Agreement. If any claim for indemnification is based on a claim by a third party (a "**Third Party Claim**"), the Indemnified Party in question shall give prompt written notice thereof to the Company and shall permit the Company to defend and/or settle such Third Party Claim, so long as it does so diligently and in good faith; *provided, however*, that no compromise or settlement of any claim may be effected by the Company without the Indemnified Party's consent (which will not be unreasonably withheld, conditioned or delayed) unless the sole relief provided is monetary damages that are paid in full by the Company. Any such indemnification shall only be from the assets or insurance of the Company and no Interest Holder shall be required to contribute capital to the Company to satisfy any such indemnification. Any such indemnification shall be paid by the Company in advance of the final disposition of any such action, proceeding or claim upon receipt of an undertaking by or on behalf of the Indemnified Party seeking advancement to repay the amount advanced should it ultimately be determined that the Indemnified Party was not entitled to be indemnified hereunder or under the Act.

## ARTICLE VIII

### Officers

Section 8.1. Officers: Election or Appointment. The Board at any time and from time to time may elect a Chief Executive Officer, President, Vice-President, Secretary, Chief Compliance Officer and one or more other Officers to the extent the Board deems necessary or desirable. The Board at any time and from time to time may authorize any Officer of the Company to appoint one or more Officers. Except with respect to the position of Chief Compliance Officer, any number of offices may be held by the same person and directors may hold any office unless this Agreement otherwise provides. Any Officer may also be a director, officer, partner or employee of the Company or any of its Affiliates.

Section 8.2. Term of Office; Resignation; Removal; Vacancies. Unless otherwise provided in the resolution of the Board electing or authorizing the appointment of any Officer, each Officer shall hold office until his or her successor is elected or appointed and qualified or until his or her earlier resignation or removal. Any Officer may resign at any time upon written notice to the Board or to such Person(s) as the Board may designate. Such resignation shall take effect at the time specified therein, and unless otherwise specified therein no acceptance of such resignation shall be necessary to make it effective. The Board may remove any Officer with or without cause at any time. Any Officer authorized by the Board to appoint a person to hold an office of the Company may also remove such person from such office with or without cause at any time, unless otherwise provided in the resolution of the Board providing such authorization. Any vacancy occurring in any office of the Company by death, resignation, removal or otherwise may be filled by the Board at any regular or special meeting or by an Officer authorized by the Board to appoint a person to hold such office.



Section 8.3. Powers and Duties. The Officers of the Company shall have such powers and duties in the management of the Company as shall be stated in this Agreement or in a resolution of the Board which is not inconsistent with this Agreement and, to the extent not so stated, as generally pertain to their respective offices, subject to the control of the Board.

## ARTICLE IX

### Books, Accounting, and Tax Matters Partner

All funds of the Company shall be deposited in such bank or other investment accounts as the Board shall approve. All such accounts shall be in the Company's name. The annual accounting period of the Company shall be the calendar year. GFIX shall be the tax matters partner unless the Member selects a different tax matters partner, to the extent a tax matters partner is required or permitted by Applicable Law.

## ARTICLE X

### General Provisions

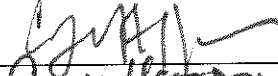
Any notice, demand, consent, election, offer, approval, request, or other communication (collectively, a "notice") required or permitted under this Agreement must be in writing and either delivered personally, sent by certified or registered mail, postage prepaid, return receipt requested, or sent by recognized overnight delivery service. A notice must be addressed to an Interest Holder or Member at the Interest Holder's or Member's last known address on the records of the Company. A notice to the Company must be addressed to the Company's principal office. Notices shall be deemed given upon receipt or refusal to accept delivery. Any party may designate, by notice to all of the others, substitute addresses or addressees for notices; and, thereafter, notices are to be directed to those substitute addresses or addressees. This Agreement constitutes the complete and exclusive statement of the agreement among the Members and supersedes all prior written and oral statements, including any prior representation, statement, condition or warranty. This Agreement may not be amended without the written consent of the Majority-in-Interest of the Members. This Agreement shall be governed by the internal law, not the law of conflicts, of the State of Delaware. The headings herein are inserted as a matter of convenience only, and do not define, limit, or describe the scope of this Agreement or the intent of the provisions hereof. This Agreement is binding upon, and inures to the benefit of, the parties hereto and their respective heirs, executors, administrators, personal and legal representatives, successors, and permitted assigns. Nouns and pronouns shall be deemed to refer to the masculine, feminine, neuter, singular and plural, as the identity of the Person may in the context require. Each provision of this Agreement shall be considered separable; and if, for any reason, any provision or provisions herein are determined to be invalid and contrary to any existing or future law, such invalidity shall not impair the operation of or affect those portions of this Agreement which are valid.

[Remainder of page intentionally left blank. Signature page follows.]

**IN WITNESS WHEREOF**, the undersigned has executed this Amended and Restated Limited Liability Company Agreement with effect from the date first set forth above.

**SOLE MEMBER:**

**GFIX LLC**

By:   
Name: COLIN HESTON  
Title: CEO

**EXHIBIT A**

**NAME, ADDRESS, TAXPAYER IDENTIFICATION NUMBER  
AND PERCENTAGE INTEREST**

**Address and Taxpayer  
Identification Number**

**Percentage Interest**

GFIX LLC  
55 Water Street  
New York NY 10041  
EIN: 45-0601660

100%