

Macquarie Single Commodity (USD) Indices

Index Manual
July 2023

IMPORTANT INFORMATION

BASIS OF PROVISION

This document (the **Index Manual**) sets out the rules for the Macquarie Single Commodity (USD) Indices (each, an **Index**) and reflects the methodology for determining the composition and calculation of each Index (the **Methodology**). The Methodology and each Index derived from this Methodology are the exclusive property of Macquarie Bank Limited (the **Index Administrator**). The Index Administrator owns the copyright and all other rights to the Indices. They have been provided to you solely for your internal use and you may not, without the prior written consent of the Index Administrator, distribute, reproduce, in whole or in part, summarize, quote from or otherwise publicly refer to the contents of the Methodology or use it as the basis of any financial instrument.

For the purposes of the remainder of this document, each reference to the Index in singular form shall be interpreted as being applicable to each Index covered by this Index Manual.

SUITABILITY OF INDEX

The Index and any financial instruments based on the Index may not be suitable for all investors and any investor must make an independent assessment of the appropriateness of any transaction in light of their own objectives and circumstances including the potential risks and benefits of entering into such a transaction. If you are in any doubt about any of the contents of this document, you should obtain independent professional advice.

This Index Manual assumes the reader is a sophisticated financial market participant, with the knowledge and expertise to understand the financial mathematics and derived pricing formulae, as well as the trading concepts, described herein. Any financial instrument based on the Index is unsuitable for a retail or unsophisticated investor.

RISK FACTORS

See the risk factors relating to Macquarie indices in the document headed “Macquarie Proprietary Indices – Risk Factors” on the following website: <https://www.macquarie.com/uk/en/about/company/commodities-and-global-markets/commodities/commodity-index-documentation.html> (the **Risk Factors**). Investors should note in particular the following sections of the Risk Factors: Part 1 (*General Risk Factors*), Part 2.2 (*Commodity Indices*) and Part 2.3 (*Single Futures Indices*).

HISTORICAL DATA

The Index has been calculated from the Index Live Date but historical Index levels (prior to the Index Live Date) have been produced by a back-test process from the Index Start Date. For more information, see Section 8.3 (*Historical Values of the Index*).

CONFLICTS AND USE OF DISCRETION

For operational reasons the Index may, in limited circumstances, permit the exercise of discretion by the Index Calculation Agent (acting in good faith and in a commercially reasonable manner). For further information see Section 6.4 (*Discretion*).

For information on potential conflicts, see Section 7.3 (*Conflicts*).

CESSATION OR MODIFICATION OF THE INDEX

If you have been granted written consent by the Index Administrator to reference the Index in any contract or financial instrument, you should include in such contract or financial instrument robust fallback provisions to deal with cessation or material modification of the Index.

For information on corrections, changes and cessation of the Index, see Section 6 (*Corrections, Changes, Cessation and Discretion*).

DISCLAIMER OF LIABILITY

The Methodology is published for information purposes only and does not create any legally binding obligation on the part of the Index Administrator, the Index Calculation Agent and/or their affiliates. This document is intended to provide a summary of the Index it purports to describe. The Index Administrator expressly disclaims (to the fullest extent permitted by applicable law) all warranties (express, statutory or implied) regarding this document and the Methodology or the Index, including but not limited to, all warranties of merchantability, fitness for a particular purpose (including investment by regulated funds) and all warranties arising from course of performance, course of dealing or usage of trade and their equivalents under applicable laws of any jurisdiction. In particular, the Index Administrator and the Index Calculation Agent do not warrant or guarantee the completeness or accuracy of the Index or timeliness of calculations of any Index Level and do not warrant or guarantee the availability of any Index Level on any particular date or at any particular time. The Index Administrator and the Index Calculation Agent shall have no liability to any person for delays, omissions or interruptions in the delivery of any Index, including as a result of the failure of prices to be published in respect of any Component, an underlying Contract or, as applicable, any other reference value or as a result of a Contract failing to trade for any reason. Although the Index Calculation Agent will obtain information concerning Components and or reference values from publicly available sources it believes to be reliable, it will not independently verify this information. Accordingly, no representation, warranty or undertaking (express or implied) is made by the Index Administrator or the Index Calculation Agent as to the accuracy and completeness of information concerning any Index.

In particular, the Index Administrator and the Index Calculation Agent shall not be liable (whether in contract, tort or otherwise) for any losses (including direct, indirect, special, punitive or other damages (including loss of profits)) resulting from (i) any determination that a Market Disruption Event, an Adjustment Event or an Error has occurred or has not occurred, (ii) the timing relating to the determination that a Market Disruption Event, an Adjustment Event or an Error has occurred, or (iii) any actions taken or not taken by the Index Calculation Agent or the Index Administrator as a result of a determination that a Market Disruption Event, an Adjustment Event or an Error has occurred.

TABLE OF CONTENTS

IMPORTANT INFORMATION	2
Basis of Provision	2
Suitability of Index	2
Risk Factors	2
Historical Data.....	2
Conflicts and Use of Discretion	3
Cessation or Modification of the Index.....	3
Disclaimer of Liability	3
SECTION 1: OVERVIEW	6
1.1 Introduction and Index Objective	6
1.2 Index Calculation.....	6
1.3 Index Specifications	7
1.4 Methodology.....	7
SECTION 2: INDEX METHODOLOGY	8
2.1 Roll Weights Calculation	8
2.2 Index level Calculation	10
SECTION 3: MARKET DISRUPTION EVENTS	14
3.1 Market Disruption Events	14
3.2 Roll Weight Calculation during Market Disruption Events	14
SECTION 4: DEFINITIONS	16
SECTION 5: ADJUSTMENT eVENTS AND REGULATORY EVENT	21
5.1 Adjustment Events.....	21
5.2 Asset Class Specific Definitions – Adjustment Events.....	22
5.3 Regulatory Event.....	22
SECTION 6: CORRECTIONS, CHANGES, CESSATION AND DISCRETION	23
6.1 Corrections and Error Handling	23
6.2 Changes in Methodology	24
6.3 Cessation of Index.....	24
6.4 Discretion	24
SECTION 7: OVERSIGHT, ROLES, CONFLICTS and reviews	26
7.1 Index Governance	26
7.2 Index Administrator and Index Calculation Agent.....	26

7.3	Conflicts.....	27
7.4	Reviews	28
SECTION 8:	GENERAL INFORMATION	29
8.1	Valuation and Calculations	29
8.2	Publication of Index Level	29
8.3	Historical Values of the Index	29
SECTION 9:	NOTICES AND DISCLAIMERS	30
9.1	Regulatory Status.....	30
9.2	Not Research or an Offer	30
9.3	Third-Party Disclaimer.....	30
ANNEX A – INDEX SPECIFICATIONS		31
ANNEX B – MODIFIED STATIC CONTRACT ROLL SCHEDULE		189

SECTION 1: OVERVIEW

1.1 INTRODUCTION AND INDEX OBJECTIVE

Each Index aims to provide a return based on a notional investment in futures contracts (each, a **Component**) on an individual commodity (a **Commodity**). Physical commodities are not easily investable on a direct and replicable basis. However, futures contracts on commodities represent a widely utilized synthetic proxy for direct investment in commodities. For this reason, each Index is constituted of, and reflects the price performance of, a Component comprised of a notional exchange traded futures contract (a **Contract**) relating to a physical commodity. In order to ensure the continuity of each Index, when the Contract that underlies a Component of an Index approaches expiration, it will be replaced by an identical Contract with a later expiration (which process is referred to as the Index “rolling” from one Contract into the next Contract). Each Index thus synthetically tracks a sequence of Contracts relating to a Commodity (the universe of tradable calendar futures contracts on a Commodity, known as the “futures curve”). Accordingly, each Index will represent systematic and replicable benchmarks for investment in an individual Commodity.

Each Index replicates the returns obtained by holding a Component (or, during a Roll Period, more than one Component) that represents a specified Contract (or, during a Roll Period, more than one Contract) from one Index Business Day to the next. The Contract(s) associated with each Index will change through time, with Contracts being removed and added according to the Methodology described in Section 2 (*Index Methodology*).

The Indices are designed to be replicable and are calculated daily in either an excess return, total return or spot return format (depending on the Index Type specified for each Index in the Index Specifications). The spot return format is not replicable, but useful to assess the historic realized roll yields (the returns associated with the rolling of exposure from contracts approaching expiry to further out contracts).

To facilitate an understanding of the calculations, the Methodology contains certain worked examples which demonstrate the types of calculations needed to calculate the level of an Index on a particular date – See Section 2 (*Index Methodology*).

1.2 INDEX CALCULATION

The Indices are calculated and maintained by the Index Calculation Agent and supervised by the Index Administrator and the Index Oversight Committee, as described in Section 7 (*Oversight, Roles, Conflicts and Reviews*). All determinations with regard to the Indices are made following the rules set out in this document, without discretion by the Index Administrator or the Index Calculation Agent, other than in the limited circumstances set out in this document – see Section 6 (*Corrections, Changes, Cessation and Discretion*) for further information.

In respect of each Index, the Index Level as of the Index Start Date is equal to the Index Start Level specified in Section 4 (*Definitions*). Thereafter, each Index Level is calculated as set out in Section 2 (*Index Methodology*).

The Indices are not based upon submissions provided by third parties (or an affiliate of the Index Administrator or the Index Calculation Agent). The Indices are based upon actual transaction data sourced from regulated markets and exchanges.

1.3 INDEX SPECIFICATIONS

Each Index is differentiated by the Index Specifications corresponding to that Index. The Index Specifications set out (i) certain parameters specific to an Index (such as the Index Name, Bloomberg Ticker, the Index Calendar, the Index Start Date and the Index Start Level), (ii) the Commodity on which such Index is based, (iii) the parameters that determine the timing of rolling from one Contract into the next Contract (i.e. the Roll Start Date and the Roll Length), (iv) the calendar contracts that the Index will roll into (i.e. the Static Contract Roll Schedule) and (v) the Index Type, which defines the method of calculating the Index Level (as described in Section 2.2 (*Index Level Calculation*)). Accordingly, the Index Specifications determine exposure to a particular part of the futures curve of a commodity and the Index will reflect the performance of such point on the curve.

The Index Administrator may, at any time, commence calculation and publication of new Indices pursuant to the Methodology. In such circumstances the Index Administrator will publish a revised version of the Methodology, revised only to augment Annex A (*Index Specifications*) with the new Index Specifications relating to the new Indices.

1.4 METHODOLOGY

The Methodology for calculating the Index is described in the Section 2 (*Index Methodology*).

To facilitate an understanding of the calculations, the Methodology contains certain worked examples, which demonstrate the types of calculations needed to calculate the Index Level on a particular date – see Sections 2.1 and 2.2.

SECTION 2: INDEX METHODOLOGY

On a daily basis, each Index replicates the returns obtained by holding a Component (or, during a Roll Period, more than one Component) that represents a specified Contract (or, during a Roll Period, more than one Contract) from one Index Business Day to the next. The Contract(s) associated with each Index will change through time, with Contracts being removed and added according to a calendar month contract schedule that is part of the set of parameters specified in its Index Specification, as described in more detail in Section 2.1 (*Roll Weights Calculation*) below.

The following sections detail how the Index Calculation Agent will calculate the Index Level of each Index on each Index Business Day, based on the inputs set out in the relevant Index Specifications.

Section 2.1 (Roll Weights Calculation) describes how the weights of the new Contract and the expiring Contract are determined; and

Section 2.2 (Index Level Calculation) describes the daily calculation of the Index Level.

2.1 ROLL WEIGHTS CALCULATION

Futures contracts have fixed expiry dates, after which trading comes to an end. In order to accurately reflect a financial investment in a physical commodity, futures contracts are removed from the basket which is tracked by the Index prior to their expiry in a process called “rolling” the futures contracts.

In respect of an Index and a calendar month, Contracts are rolled at the close of each business day and over a set of Index Business Days consisting of the period starting from, and including, the applicable Roll Start Date and such calendar month, and lasting for the number of Index Business Days represented by the applicable Roll Length (the **Roll Period**). Rolling entails adjusting the Contracts the Index references to reduce exposure to the Contract which is scheduled to expire (the **Contract Rolling Out**, as more particularly defined in Section 4 (*Definitions*)) and increase exposure to a further dated Contract (the **Contract Rolling In**, as more particularly defined in Section 4 (*Definitions*)). Thus, during the Roll Period the Index will reference more than one Contract, with the proportion of exposure to each Contract changing on the close of each business day. This is achieved by applying a weight (the **Roll Weight**) to each Contract, which will change throughout the Roll Period to reflect the changing composition of Contracts associated with the Index.

The Roll Weight allocates exposure between the Contract Rolling Out and the Contract Rolling In on each Index Business Day. The Roll Weight, RW_t , in respect of an Index Business Day, t , is calculated according to the following formula:

(A) If the Index Business Day, t , is outside a Roll Period:

$$RW_t = 1$$

(B) If the Index Business Day, t , is during a Roll Period:

$$RW_t = RW_{t-1} - RF$$

Where:

RW_{t-1} is the Roll Weight in respect of Index Business Day, t-1; and

RF (or Roll Fraction) in respect of an Index, means the fraction of exposure rolled out of the Contract Rolling Out and rolled into the Contract Rolling In on each Index Business Day of the Roll Period. The Roll Fraction is equal to the inverse of the Roll Length of such Index.

- (C) If a Market Disruption Event occurs on such Index Business Day, t, then each Contract will have its roll postponed, as described in Section 3.2 (*Roll Weight Calculation under Market Disruption Events*).

Worked Example of Roll Weights Calculation:

For example, the Macquarie Brent Single Commodity Index type A has a Roll Period that starts on the fifth (5th) Index Business Day of each month and has a Roll Length of five (5) Index Business Days.

The Roll Weights calculations for January 2014 are then calculated as follows:

- (A) In respect of January 2 to January 7 (inclusive), i.e. from the first (1st) to the fourth (4th) Index Business Day in January, the Roll Weight is equal to 1.
- (B) In respect of January 8, which is the first (1st) Index Business Day in the January Roll Period, the Roll Weight is equal to 0.8
- (C) In respect of January 9, which is the second (2nd) Index Business Day in the January Roll Period, the roll weight is equal to 0.6
- (D) In respect of January 10, which is the third (3rd) Index Business Day in the January Roll Period, the Roll Weight is equal to 0.4
- (E) In respect of January 13, which is the fourth (4th) Index Business Day in the January Roll Period, the Roll Weight is equal to 0.2
- (F) In respect of January 14, which is the fifth (5th) Index Business Day in the Roll Period, the Roll Weight is equal to 0
- (G) In respect of all other Index Business Days previous to the start of the Roll Period for February, the roll weight is equal to 1

Established market practice is that indices based on futures contracts are rolled over multiple days, generally starting on the fifth (5th) Index Business Day of each month and continuing over five (5) days. This convention may be changed in order to obtain exposure to specific market mechanics, for example rolling over more than five days in order to further lessen the exposure of the roll to market movements in any one particular day.

2.2 INDEX LEVEL CALCULATION

The Index is available in Excess Return, Total Return and/or Spot Return format based on the Index Type, as defined in the relevant Index Specification (ER – Excess Return, TR – Total Return, SR – Spot Return). The level of an Index (the **Index Level**) will be calculated based on the Index Type and will either be the Excess Return Index Level (I_t), the Total Return Index Level (TI_t) or the Spot Return Index Level (SI_t) (as applicable), each calculated as set out below.

2.2.1 Excess Return Calculation

An Index with the Index Type specified as Excess Return (an **Excess Return Index**) represents the performance of a synthetic, unfunded exposure to the Contracts in such Index; that is, the Index tracks what an investor would receive if it purchased or sold the futures contracts underlying the Index without taking into consideration the cost of investment capital.

On an Index Business Day, t , the level of an Excess Return Index (the **Excess Return Index Level**, I_t) is calculated (rounded to eight decimal points) based on the Index Level on the immediately preceding Index Business Day, I_{t-1} , and the Index Daily Return, IDR_t (as defined below), according to the following formula:

$$I_t = I_{t-1} \times (1 + IDR_t).$$

The **Index Daily Return**, IDR_t , is calculated according to the following formula:

$$IDR_t = \frac{RW_{t-1} \times HRO_{t-1} \times PRO_t + (1 - RW_{t-1}) \times HRI_{t-1} \times PRI_t}{RW_{t-1} \times HRO_{t-1} \times PRO_{t-1} + (1 - RW_{t-1}) \times HRI_{t-1} \times PRI_{t-1}} - 1$$

Where:

RW_{t-1}	is defined in Section 2.1 (<i>Roll Weights Calculation</i>);
HRO_{t-1}	is the Holding Rolling Out, in respect of the Index Business Day, $t-1$;
Holding Rolling Out	in respect of an Index and an Index Business Day, is a multiplier equal to 1. The Holding Rolling Out represents the exposure of the Index to the Contract Rolling Out;
HRI_{t-1}	is the Holding Rolling In, in respect of Index Business Day, $t-1$;
Holding Rolling In	in respect of an Index and an Index Business Day, is a multiplier equal to 1. The Holding Rolling In represents the exposure of the Index to the Contract Rolling In;
PRO_t	is the Contract Price on Index Business Day, t of the Contract Rolling Out in respect of Index Business Day, $t-1$;
PRI_t	is the Contract Price on Index Business Day, t of the Contract Rolling In in respect of Index Business Day, $t-1$;
PRO_{t-1}	is the Contract Price on Index Business Day, $t-1$ of the Contract Rolling Out in respect of Index Business Day, $t-1$; and
PRI_{t-1}	is the Contract Price on Index Business Day, $t-1$ of the Contract Rolling In in respect of Index Business Day, $t-1$.

2.2.2 Total Return Calculation

An Index with the Index Type specified as Total Return (a **Total Return Index**) represents a synthetic, funded exposure to the Contracts in an Index; that is, the Index tracks what an investor would receive if it purchased or sold the futures contracts underlying the Index, and simultaneously invested, at a risk-free rate, a USD sum of money equal to the aggregate notional associated with all bought futures contracts. On an Index Business Day, t , the level of the Total Return Index (the **Total Return Index level**, TI_t) is calculated (rounded to eight decimal points) based on the value of the Total Return Index in the preceding Index Business Day, TI_{t-1} , the Index Daily Return, IDR_t , and the **Collateral Return**, CR_t , according to the formula:

$$TI_t = TI_{t-1} \times (1 + IDR_t + CR_t)$$

$$CR_t = \left[\frac{1}{1 - \frac{91}{360} \times TBAR_{t-1}} \right]^{\text{days}/91} - 1$$

Where:

- $TBAR_{t-1}$ is the Treasury Bill Rate of the most recent weekly US Treasury Bill auction prior to the Index Business Day, t ; and
- days is the number of calendar days between the Index Business Day t and the Index Business Day, $t-1$.

2.2.3 Spot Return Calculation

An Index with the Index Type specified as Spot Return (a **Spot Return Index**) is not replicable, but it is useful to assess the historic realized roll yields (the returns associated with the rolling of exposure from contracts approaching expiry to further out contracts). When a futures market is in backwardation (higher prices at the front of the futures curve compared to more deferred contracts), the roll yields tend to be positive. The opposite tends to be true (negative roll yields) when the futures market is in contango (with higher deferred prices compared to the front). By comparing the returns of the Spot Return Index with the returns of the Excess Return Index, the historic realised roll yields can be approximated as the difference between the Excess Return and the Spot Return.

On an Index Business Day, t , the level of the Spot Return Index (the **Spot Return Index Level**, SI_t) is calculated (rounded to eight decimal points) based on the value of the Spot Return Index on Index Business Day, $t-1$, SI_{t-1} and the Spot Index Daily Return, $SIDR_t$ (as defined below), according to the following formula:

$$SI_t = SI_{t-1} \times (1 + SIDR_t).$$

The **Spot Index Daily Return**, $SIDR_t$, is calculated according to the following formula:

$$SIDR_t = \frac{RW_t \times PRO_t + (1 - RW_t) \times PRI_t}{RW_{t-1} \times PRO_{t-1} + (1 - RW_{t-1}) \times PRI_{t-1}} - 1$$

Where:

RW_t	is defined in Section 2.1 (<i>Roll Weights Calculation</i>); provided that, in respect of an Index Business Day t for which Index Business Day, $t - 1$, is the last day of a Roll Period, the definition of RW_t in Clause 2.1 shall not apply and RW_t shall be equal to RW_{t-1} ;
RW_{t-1}	is defined in Section 2.1 (<i>Roll Weights Calculation</i>);
PRO_t	is the Contract Price on Index Business Day t of the Contract Rolling Out in respect of Index Business Day, $t - 1$;
PRI_t	is the Contract Price on Index Business Day t of the Contract Rolling In in respect of Index Business Day, $t - 1$;
PRO_{t-1}	is the Contract Price on Index Business Day, $t - 1$ of the Contract Rolling Out in respect of Index Business Day, $t - 1$; and
PRI_{t-1}	is the Contract Price on Index Business Day, $t - 1$ of the Contract Rolling In in respect of Index Business Day, $t - 1$.

The Index Start Date of an Index and the Index Start Level, which is the Index Level in respect of the Index Start Date, are defined in the Index Specifications.

2.2.4 Worked Examples of Index Level Calculation

For example, for the Macquarie Single Commodity Crude Oil (WTI) type A ER Index, which has an Index Type of Excess Return (ER), the Excess Return Index Level in respect of February 9, 2004 is calculated in accordance with Section 2.2.1 (*Excess Return Calculation*) as follows:

- The immediately preceding Index Business Day is February 6, 2004
- The Contract Rolling out is the March 2004 WTI Crude Oil contract
- The Contract Rolling in is the May 2004 WTI Crude Oil contract
- The Roll Weight in respect of February 9, 2004 is 0.8
- The Holding Rolling Out and Holding Rolling In are equal to 1
- The Index Level in respect of February 6, 2004 is 100
- The prices for the Contract Rolling Out and the contract Rolling In are as follows:

	Contract Rolling Out	Contract Rolling In
6 th February 2004	32.48	31.21
9 th February 2004	32.83	31.49

- The calculation of the Index Daily Return is therefore:

$$\frac{32.83 \times 1 \times 0.8 + 31.49 \times 1 \times 0.2}{32.48 \times 1 \times 0.8 + 31.21 \times 1 \times 0.2} - 1 = 0.01042636381$$

The Excess Return Index Level in respect of February 9, 2004 is therefore, 101.04263638.

The Total Return Index Level in respect of February 9, 2004 is then calculated as follows:

- The Treasury Bill Rate for the most recent US Treasury Bill Auction is 0.92%, and the number of calendar days between February 9, 2004 and February 6, 2004 is three (3), therefore the Collateral Return is equal to:

$$\left[\frac{1}{1 - \frac{91}{360} \times 0.92\%} \right]^{3/91} - 1 = 0.00768\%$$

The Total Return Index Level in respect of February 9, 2004 is therefore 101.05031227.

The Spot Return Index Level in respect of February 9, 2004 is then calculated as follows:

- $RW_t = 0.6$ and $RW_{t-1} = 0.8$
- The calculation of the Spot Index Daily Return is:

$$\frac{32.83 \times 0.6 + 31.49 \times 0.4}{32.48 \times 0.8 + 31.21 \times 0.2} - 1 = 0.002110097$$

The Spot Return Index Level in respect of February 9, 2004 is therefore, 100.21100974.

SECTION 3: MARKET DISRUPTION EVENTS

Each Macquarie Single Commodity (USD) Index is comprised of one or more Contracts on a particular Commodity (the **Underlying Contracts**). On any given Index Business Day, disruptions can occur that prevent these Contracts from being traded. When this happens, it is necessary for the calculations of the affected Index to be adjusted, so that it remains replicable by market participants, i.e. adjustments must be made to the Index calculations to ensure that the Index Levels reflect Contract prices that were attainable in the market at the times they would need to be traded in order to replicate the performance of the Index.

During a Roll Period, this is generally achieved by delaying any changes to the composition of each affected Index. On any other Index Business Day, given replication of an Index does not require trading of Contracts on such days, in the event that a price is not available for a Contract, a price will be appropriately substituted in order for the calculations in respect of a particular Index Business Day to take place.

3.1 MARKET DISRUPTION EVENTS

With respect to the calculation of the Index, a **Market Disruption Event** means the occurrence, in respect of one or more Underlying Contracts, of one or more of the following events, as determined by the Index Calculation Agent:

- (i) a failure by the relevant Trading Facility to report or announce a settlement price for an Underlying Contract (including each Index Business Day on which the Trading Facility is not open for business);
- (ii) all trading in an Underlying Contract of the Index is suspended and does not recommence at least ten minutes prior to the actual closing time of the regular trading session;
- (iii) the settlement price published by the relevant Trading Facility for one (or more) Underlying Contracts is a “limit price”, which typically means that the Trading Facility published settlement price for such Contract for a trading day has increased or decreased from the previous trading day’s settlement price by the maximum amount permitted under applicable rules of the Trading Facility; or
- (iv) any other event, if the Index Administrator reasonably determines that the event materially interferes with the ability of market participants to hedge the Index.

3.2 ROLL WEIGHT CALCULATION DURING MARKET DISRUPTION EVENTS

If a Market Disruption Event occurs during a Roll Period, the approach taken by the Index Calculation Agent is to delay changes to the Index composition until the Market Disruption Event affecting the Index has concluded, provided that in the event that a Market Disruption Event continues for multiple days, the Index Calculation Agent will make a good faith determination in respect of the market price to be attributed to the affected Underlying Contracts.

If, on an Index Business Day during a Roll Period, t , a Market Disruption Event occurs, then each Underlying Contract affected by the Market Disruption Event will have its roll postponed according to the following methodology:

- (i) For each Commodity i not affected by the Market Disruption Event, the Roll Weight, $RW_{i,t}$ is defined in the usual course, as in Section 2.1 (*Roll Weights Calculation*).
- (ii) For each Commodity i affected by the Market Disruption Event, the Roll Weight, $RW_{i,t}$, will be set equal its previous value, i.e., $RW_{i,t} = RW_{i,t-1}$.
- (iii) If the Roll Period falls in January, the Roll Weight on subsequent Index Business Days not affected by a Market Disruption Event will be determined without taking into account the Index Business Days on which a Market Disruption Event occurred or was continuing.
- (iv) If the Roll Period does not fall in January, the postponed portion of the roll in (ii) above will roll on the first Index Business Day not affected by Market Disruption Events.

In the event that the Roll Period ends without the Roll Weight being fully redistributed into the Contract Rolling In, then the Roll Period is extended until there is no Market Disruption Event, provided that if the Roll Period is extended to include the Market Disruption Longstop Date and the Market Disruption Event is still continuing on such Market Disruption Longstop Date, then a Market Disruption Adjustment Event shall occur and the Index Calculation Agent may take action in accordance with Section 5.1 (*Adjustment Events*).

Where **Market Disruption Longstop Date** means the date determined by the Index Calculation Agent (subject to approval by the Index Oversight Committee) on which the Market Disruption Event shall be deemed to end for the purpose of determining the Index Level. In determining the Market Disruption Longstop Date, the Index Calculation Agent (and the Index Oversight Committee) may take into account factors including (but not limited to) the objective of the Index, the expiry date of the Underlying Contract affected by the Market Disruption Event and market practice.

For example, on the March 10, 2014, the price for the Lean Hogs April 2014 contract was a limit price, triggering a disruption under clause (i) of Section 3.1 (*Market Disruption Events*). This disruption ceased to exist on the March 11, 2014. Therefore, the calculation of roll weights was modified as follows:

- The Roll Weight of the Macquarie Single Commodity Lean Hogs Index (type A) in respect of March 10, 2014 was equal to 0.2 instead of 0.4
- Since there was no Market Disruption in respect of March 11, 2014, the Roll Weight in respect of this date was equal to 0.6
- The Roll Weights in respect of following Index Business Days were calculated according to Section 2.1 (*Roll Weights Calculation*)

SECTION 4: DEFINITIONS

Adjustment Event is defined in Section 5.1 (*Adjustment Events*).

Affected Index Level is defined in Section 6.1.1 (*Errors*).

Asset Class Specific Adjustment Event is defined in Section 5.2 (*Asset Class Specific Definitions – Adjustment Events*).

Bloomberg Ticker, in respect of an Index, is the ticker under which the relevant Index Level will be published, as specified in the relevant Index Specifications.

Calculation Error is defined in Section 6.1.1 (*Errors*).

Change in Economic Assumptions is defined in Section 5.1 (*Adjustment Events*).

Collateral Return is defined in Section 2.2.2 (*Total Return Calculation*).

Commodity is defined in Section 1.1 (*Introduction and Index Objective*) and, in respect of an Index, is the physical commodity that underlies the Contract referenced by the Index, as specified in the relevant Index Specifications.

Component, in respect of an Index, is defined in Section 1.1 (*Introduction and Index Objective*) and means each Contract.

Component Change Event is defined in Section 5.1 (*Adjustment Events*).

Component Licensing Event is defined in Section 5.1 (*Adjustment Events*).

Contract is defined in Section 1.1 (*Introduction and Index Objective*) and, in respect of an Index, is a futures contract traded on the Trading Facility of such Index and having a Commodity as underlying.

Contract Change Event is defined in Section 5.2 (*Asset Class Specific Definitions – Adjustment Events*).

Contract Prices, in respect of an Index Business Day, are the prices of the Contract Rolling In and the Contract Rolling Out, published by the relevant Trading Facility and referred to by the Trading Facility as the settlement price for that particular Contract. If the Index Business Day is not a trading day of the relevant Trading Facility, then the Settlement Price of that particular Contract will be the most recent available price on the most recent Index Business Day.

Contract Rolling In, in respect of a Commodity on an Index Business Day, is the Contract specified in the Static Contract Schedule Table of the Index Specification for the calendar month immediately following — with January following December — the calendar month with which the upcoming Roll Period (relative to that particular Index Business Day) is associated. The Contract Rolling In represents the Contract to which the Index is exposed during and subsequent to the Roll Period in which the Index rolls its exposure from the Contract Rolling Out to the Contract Rolling In.

Contract Rolling Out, in respect of a Commodity on an Index Business Day, is the Contract specified in the Static Contract Schedule Table of the Index Specification for the calendar month with which the upcoming Roll Period (relative to that particular Index Business Day) is associated. The Contract Rolling Out

represents the Contract to which the Index is exposed prior to and during the Roll Period in which the Index rolls its exposure from the Contract Rolling Out to the Contract Rolling In.

Dealer is defined in Section 5.1 (*Adjustment Events*).

Error is defined in Section 6.1.1 (*Errors*).

Excess Return Index is defined in Section 2.2.1 (*Excess Return Calculation*).

Excess Return Index Level is defined in Section 2.2.1 (*Excess Return Calculation*).

General Adjustment Event is defined in Section 5.1 (*Adjustment Events*).

Holding Rolling In is defined in Section 2.2.1 (*Excess Return Calculation*).

Holding Rolling Out is defined in Section 2.2.1 (*Excess Return Calculation*).

Index is defined in the section entitled “Important Information”.

Index Administrator is defined in the section entitled “Important Information”.

Index Business Days, in respect of an Index, are the days in the Index Calendar.

Index Business Day, $t - 1$, in respect of an Index Business Day t , is the Index Business Day immediately preceding such Index Business Day t .

Index Calculation Agent is defined in Section 7.2.2 (*Index Calculation Agent*).

Index Calendar, in respect of an Index, is the calendar of days in respect of which an Index Level will be published, as specified in the relevant Index Specifications.

Index Currency, in respect of an Index, is US Dollar (USD).

Index Daily Return is defined in Section 2.2.1 (*Excess Return Calculation*).

Index Level, in respect of an Index and an Index Business Day, is defined in Section 2.2 (*Index Level Calculation*) and is the level of such Index as calculated and published by the Index Calculation Agent.

Index Live Date, in respect of an Index, is specified in the Index Specifications and is the date on which the Methodology of the Index was finalised.

Index Manual is defined in the section entitled “Important Information”.

Index Name, in respect of an Index, is the name that identifies such Index, as specified in the relevant Index Specifications.

Index Oversight Committee is defined in Section 7.1 (*Oversight, Roles, Conflicts and Reviews*).

Index Publication Days are defined in Section 8.2 (*Publication of Index Level*).

Index Specifications is a set of variables particular to an Index, as set out in the table in Annex A (*Index Specifications*) hereto.

Index Start Date, in respect of an Index, is specified in the relevant Index Specifications. The Index Calculation Agent may calculate, but not publish, the Index Level in respect of Index Business Days preceding the Index Start Date if that is required for calculating the Index Level of the Index on the Start Date or on following days.

Index Start Level, in respect of an Index, is the Index Level of such Index on the Index Start Date and is specified in the Index Specifications.

Index Type, in respect of an Index, defines the type of calculation for the Index Level: ER for Excess Return, TR for Total Return or SR for Spot Return. The Index Type is defined in the relevant Index Specifications.

Initial Calculation Date, in respect of an Index, means the date on which the Index Calculation Agent first implemented the Index and published the Index Level. The Initial Calculation Date may fall on or after the Index Live Date.

Input Error is defined in Section 6.1.1 (*Errors*).

Market Disruption Event is defined in Section 3.1 (*Market Disruption Events*).

Market Disruption Longstop Date is defined in Section 3.2 (*Roll Weight Calculation During Market Disruption Events*).

Material Error is defined in Section 6.1.1 (*Errors*).

Methodology is as defined in the section entitled “Important Information”.

Publication Time is defined in Section 8.2 (*Publication of Index Level*).

Regulatory Event is defined in Section 5.3 (*Regulatory Event*).

Replicability Event is defined in Section 5.1 (*Adjustment Events*).

Risk Factors is as defined in the section entitled “Important Information”.

Roll Fraction is defined in Section 2.1 (*Roll Weights Calculation*).

Roll Length, in respect of an Index, is the number of the Index Business Days required to periodically move the exposure from the Contract Rolling Out into the Contract Rolling In. The Roll Length is specified in the relevant Index Specifications.

Roll Period is defined in Section 2.1 (*Roll Weights Calculation*).

Roll Start Date, in respect of an Index and a calendar month, is the Index Business Day on which the Index exposure periodically starts to move from the Contract Rolling Out into the Contract Rolling In. The Roll Start Date is specified in the relevant Index Specifications and is represented by a number denoting the Index Business Day that is the Roll Start Date in respect of such month. If the Roll Start Date is represented by a negative number, then the Roll Start Date is the Index Business Day that falls the specified number of Index Business Days prior to the first Index Business Day of such month. For example, if the Roll Start Date specified in respect of an Index is 5, then the Roll Start Date for that Index will be the 5th Index

Business Day of each month; or if the Roll Start Date is -1, then the Roll Start Date for that Index will be the last Index Business Day of the preceding month, etc.

Roll Weight is defined in Section 2.1 (*Roll Weights Calculation*).

Spot Index Daily Return is defined in Section 2.2.3 (*Spot Return Calculation*).

Spot Return Index is defined in Section 2.2.3 (*Spot Return Calculation*).

Spot Return Index Level is defined in Section 2.2.3 (*Spot Return Calculation*).

Static Contract Roll Schedule, in respect of an Index, denotes the expiring Contract of such Index that will be removed from the Index over the Roll Period of each month, starting with January and ending with December, as specified in the relevant Index Specifications. The Contract that is removed each month will be replaced with the Contract that is scheduled to be removed the following month. If a “+” sign is included next to a letter, the futures contract indicated is the one associated with the corresponding month of the year following the month in respect of which this Contract is selected. The letters translate to months according to the following table:

Month	Letter
January	F
February	G
March	H
April	J
May	K
June	M
July	N
August	Q
September	U
October	V
November	X
December	Z

On certain occasions the expiry of a contract may fall outside the month with which it is associated. In all situations the schedule will denote the month with which a futures contract is associated in its corresponding Trading Facility.

During certain Roll Periods for certain Indices, an Index can deviate from the futures contracts set out in the Static Contract Roll Schedule. The deviations are usually caused by the unavailability of historical prices that result in an Index investing in shorter dated futures contracts for the hypothetical back-tested historical Index Levels, but they can also be driven by other considerations such as concerns around heightened volatility or negative prices at the very front of the curve, for example, as seen during April 2020 in the WTI futures market. Annex B sets out the modified roll schedules (Modified Static Contract Roll Schedule) together with the effective start and end dates that the modifications are in effect.

Total Return Index is defined in Section 2.2.2 (*Total Return Calculation*).

Total Return Index Level is defined in Section 2.2.2 (*Total Return Calculation*).

Trading Facility, in respect of an Index, is the regulated futures exchange, facility or platform on or through which the Contracts underlying such Index are traded, as specified in the relevant Index Specifications.

Treasury Bill Rate is the 91-day discount rate for U.S. Treasury Bills, as reported by the U.S. Department of the Treasury's Treasury Direct service.

Underlying Contracts is defined in Section 3 (*Market Disruption Events*).

SECTION 5: ADJUSTMENT VENTS AND REGULATORY EVENT

5.1 ADJUSTMENT EVENTS

If an Adjustment Event occurs, the Index Calculation Agent may, but shall not be obliged to, take one or more of the following steps:

- (i) suspend the publication of the Index Level until such time as the Adjustment Event ceases to occur; or
- (ii) with the approval of the Index Oversight Committee:
 - (a) substitute the Component, if applicable, affected by the Adjustment Event with an asset which has similar characteristics and make such adjustments to the Index as are necessary, if any, in order to account for the substitution;
 - (b) make such adjustments to the Index (including to any of the weights or values of the Components or to the Index Level) and/or alter the methodology of the Index, in order to account for the effect of the Adjustment Event; or
 - (c) if no such adjustment or alteration could be made to preserve the objective of the Index, discontinue the Index.

Adjustment Event means, in respect of a Component, each General Adjustment Event and each Asset Class Specific Adjustment Event (as defined in Section 5.2 (*Asset Class Specific Definitions – Adjustment Events*) as applicable for such Component.

Change in Economic Assumptions means, in respect of a Component, a material change of any economic assumptions (including, but not limited to, assumptions as to liquidity, estimated trading and/or rolling costs of the Components, bid/offer spreads in the market in respect of the Components and the funding cost associated with trading the Components) incorporated into the Methodology for such Component.

Component Change Event means, in respect of a Component, that since the Index Live Date, liquidity for the Component on the relevant trading venue has materially decreased in the context of the known or expected financial exposure to the Index.

Component Licensing Event means, in respect of a Component or any instrument or security on which the value of a Component depends, and for which a license has been granted to the Index Administrator (or an affiliate of the Index Administrator) in relation to the calculation, hedging or use of the Index, that either (a) such license is revoked, impaired or otherwise disputed for any reason, or (b) there is a material increase in the fee schedule applicable to such license.

Dealer means a hypothetical broker dealer subject to the same securities laws and rules and regulations of any securities regulators, exchanges and self-regulating organisations as apply to the Index Administrator.

General Adjustment Event means any of the following: a Change in Economic Assumptions, a Component Change Event, a Component Licensing Event and a Replicability Event.

Replicability Event means that, on or after the Index Live Date, the Index Oversight Committee determines that one or more Dealers would be unable, after using commercially reasonable efforts, to hold, acquire, maintain, short sell or dispose of:

- (i) one or more Components;
- (ii) any instrument or security on which the value of a Component depends; or
- (iii) any instrument or security which is required to replicate the calculation methodology of the Index (including, but not limited to, interest rates and FX rates, if applicable).

5.2 ASSET CLASS SPECIFIC DEFINITIONS – ADJUSTMENT EVENTS

5.2.1 Exchange Traded Components

The following terms are applicable in respect of each Component.

Asset Class Specific Adjustment Event means Contract Change Event.

Contract Change Event means, in respect of a Component, any of the following:

- (i) the specifications of an Underlying Contract are materially altered by the relevant Trading Facility; or
- (ii) an Underlying Contract is permanently no longer traded on the relevant Trading Facility.

5.3 REGULATORY EVENT

If a Regulatory Event occurs, the Index Administrator may, but shall not be obliged:

- (i) to suspend the publication of the Index Level until such time as the Regulatory Event ceases to occur; or
- (ii) with the approval of the Index Oversight Committee, to discontinue the Index.

Regulatory Event means that on or after the Index Live Date (a) due to the adoption of or any change in any applicable regulation, or (b) due to the promulgation of or any change in the interpretation by any court, tribunal or regulatory authority with competent jurisdiction of any applicable regulation, the Index Administrator determines that it is not permitted (or there is a reasonable likelihood that, within the next 30 Index Publication Days, it will not be permitted) to continue to sponsor, administer, maintain or calculate, as applicable, the Index.

SECTION 6: CORRECTIONS, CHANGES, CESSATION AND DISCRETION

6.1 CORRECTIONS AND ERROR HANDLING

6.1.1 Errors

Where the Index Administrator or the Index Calculation Agent becomes aware of an Input Error or a Calculation Error (an **Error**), the cause of such error will be investigated and steps taken, to the extent practicable and within the control of the Index Calculation Agent, to prevent such errors from recurring.

If an Error is not corrected by 11.59pm, New York time, on the Index Publication Day following the occurrence of the Error, the Index Calculation Agent shall determine whether such Error affects any published Index Level (such Error, a **Material Error** and each affected Index Level, an **Affected Index Level**).

Input Error means any error in input data that is detected by, or notified to, the Index Calculation Agent.

Calculation Error means any error in the implementation of the Methodology or arising in the Index calculation and dissemination process that is detected by or notified to the Index Calculation Agent.

6.1.2 Notification of Errors

The Index Calculation Agent shall publish an announcement regarding the occurrence of any Material Error and any change to the Methodology (see Section 6.2 (*Changes in Methodology*)).

6.1.3 Restatement of Index Levels

The Index Calculation Agent will restate any Affected Index Level resulting from a Material Error in the following circumstances:

- (1) in respect of a Material Error that is an Input Error:
 - (i) if the Index Calculation Agent becomes aware of such Input Error within 2 Index Publication Days of publication of the relevant Affected Index Level; or
 - (ii) otherwise, as determined by the Index Oversight Committee.
- (2) In respect of a Material Error that is a Calculation Error:
 - (i) if the Index Calculation Agent becomes aware of such Calculation Error prior within 30 calendar days following the Index Publication Day on which the first Affected Index Level was published; or
 - (ii) otherwise, as determined by the Index Oversight Committee.

6.2 CHANGES IN METHODOLOGY

Various factors, including external factors beyond the control of the Index Administrator, might necessitate material changes to an Index. The Index Manual contains information as of the date appearing on its cover, and such information may change from time to time. No assurance can be given that the Methodology reflects information subsequent to this date.

The Index Administrator may amend the Methodology at any time if the change is (i) of a formal, minor or technical nature, (ii) to correct any manifest or proven error or (iii) where the Index Calculation Agent determines that such change is not materially prejudicial to investors in financial products (in respect of which the Index Administrator has given consent to refer to the Index).

In any other case, a change to the Methodology will be considered to be a material change and may only be made subject to the approval of the Index Oversight Committee. The Index Oversight Committee shall determine the implementation timeline for such change and the timing for notification of such change to investors (which shall generally be at least 30 calendar days prior to implementation, but may be shorter if the Index Oversight Committee so determines), which the Index Administrator will communicate to investors by email.

6.3 CESSATION OF INDEX

The Index Administrator may withdraw the Index, at any time and without notice, if no financial instruments (in respect of which Macquarie Bank Limited has given consent to refer to the Index) are outstanding. The Index Administrator may, in any case (subject to the approval of the Index Oversight Committee), withdraw an Index, without reason, provided that either (i) it notifies all investors in financial instruments (in respect of which Macquarie Bank Limited has given consent to refer to the Index) of its intention to do so by email at least 30 calendar days prior to cessation of calculation and publication of the Index or (ii) all investors in financial instruments (in respect of which Macquarie Bank Limited has given consent to refer to the Index) have agreed to the cessation of the Index and the date of such cessation.

6.4 DISCRETION

In order to ensure continuity, the methodology of this Index permits the exercise of discretion or expert judgement in certain limited circumstances as set out in this Index Manual - see the following sections:

- Section 3 (*Market Disruption Events*);
- Section 5 (*Adjustment Events and Regulatory Event*); and
- Section 6 (*Corrections, Changes, Cessation and Discretion*).

The Index Calculation Agent or the Index Oversight Committee may also exercise discretion in the administration of the Index if an event or circumstance arises in respect of which there is no fallback provided for in the methodology of this Index and which the Index Calculation Agent or Index Oversight Committee determines prevents the Index Calculation Agent from determining the Index in the normal manner, constitutes a market disruption under the relevant Index Manual or the exercise of expert judgement or discretion is otherwise appropriate in the circumstances.

The Index Calculation Agent or the Index Oversight Committee may exercise any such discretion or expert judgement acting in good faith and in a commercially reasonable manner. Any exercise of discretion or

expert judgement that the Index Calculation Agent determines will have a material effect on the Index shall be subject to the approval of the Index Oversight Committee.

SECTION 7: OVERSIGHT, ROLES, CONFLICTS AND REVIEWS

7.1 INDEX GOVERNANCE

The Index Administrator has established an independent oversight committee (the **Index Oversight Committee**) to review and oversee management of the Index and resolve any issues that arise. As of the date of this document, the Index Oversight Committee is comprised of the following designees, each an employee of Macquarie Bank Limited:

- A Managing Director in the Quantitative Investment Strategies team of the Commodities and Global Markets Group;
- A Director from the Legal and Governance Group;
- A representative from the Index Calculation Agent;
- A representative from the Risk division of the Risk Management Group;
- A representative from the Compliance division of the Risk Management Group; and
- A representative from the Business Operational Risk Management department within the Central division of the Commodities and Global Markets Group.

Each member of the Index Oversight Committee is sufficiently knowledgeable about algorithmic indices and is required to act in good faith and in a commercially reasonable manner, provided that the Managing Director from the Commodities and Global Markets Group will not be a voting member of the Committee, but shall act in an advisory capacity only. In giving approval to any adjustments made to the Index in accordance with this Index Manual, the Index Oversight Committee shall give due consideration to any equivalent decisions and actions taken by relevant trading venues or trade bodies.

The Index Oversight Committee has considered the features of the Index, the intended, expected or known usage of the Index and the materiality of existing or potential conflicts of interest and, taking these into account, has approved the Methodology and this Index Manual. The Index Oversight Committee is also charged with overseeing the daily management and operations of the Index. It will be available on an ad hoc basis for the consideration or approval of any relevant Adjustment Events, Regulatory Events, Errors, exercises of discretion, changes to the Methodology, any contemplated cancellation of the Index and the resolution of any other issues which arise in relation to the Index.

7.2 INDEX ADMINISTRATOR AND INDEX CALCULATION AGENT

7.2.1 Index Administrator

Macquarie Bank Limited is the Index Administrator. Notwithstanding anything to the contrary, the Index Administrator will maintain all ownership rights, expressed or otherwise, with respect to the Index, including the ability to license, sell or transfer any or all of its ownership rights with respect to the Index, including but not limited to terminating and appointing any successor Index Calculation Agent.

7.2.2 Index Calculation Agent

The Index Calculation Agent is appointed by the Index Administrator to calculate and maintain each Index from and until such time that the Index Administrator terminates its relationship with the current Index Calculation Agent and appoints a successor index calculation agent. Any such termination or appointment of a successor will be subject to the approval of the Index Oversight Committee.

The Index Calculation Team within the Commodities and Global Markets Group of Macquarie Bank Limited acts as index calculation agent (the **Index Calculation Agent**) in respect of the Index as of the date of this Index Manual. The methodology employed by the Index Calculation Agent in determining the composition and calculation of the Index is set out in the calculations and procedures described in this document.

7.2.3 Relationship of the Index Administrator and the Index Calculation Agent

The Index Calculation Agent is appointed by the Index Administrator, subject to the approval of the Index Oversight Committee. While, as of the date of publication of these rules, both the Index Administrator and the Index Calculation Agent form part of Macquarie Bank Limited, they are independent teams within the bank and the employees discharging the obligations of the Index Calculation Agent have separate lines of reporting and accountability from the employees performing the functions of the Index Administrator.

7.2.4 Not acting as a fiduciary

Neither the Index Administrator nor the Index Calculation Agent owes any duty of care or acts as agent of another person in respect of its respective obligations in relation to the Index as set out in this Index Manual.

7.3 CONFLICTS

The Index is based on underlying assets, as described in the Methodology. The Index Administrator and/or its affiliates actively trade these underlying assets and options on these underlying assets. The Index Administrator and/or its affiliates also actively enter into or trade and market securities, swaps, options, derivatives, and related instruments which are linked to the performance of these underlying assets or are linked to the performance of an Index. The Index Administrator and/or its affiliates may underwrite or issue other securities or financial instruments indexed to an Index, and the Index Administrator or its affiliates may license an Index for publication or for use by unaffiliated third parties. These activities could present conflicts of interest and could affect the value of an Index. The Index Administrator trades or may trade as principal in instruments (or related derivatives) linked to an index described in this document and may have proprietary positions in the instruments (or related derivatives). The Index Administrator may make a market in such instruments (or related derivatives), which may in extreme circumstances affect the levels of the Index described.

The Index Administrator, the Index Calculation Agent and the business unit which creates instruments linked to the Index are all businesses or entities of Macquarie. Steps have been taken to manage and mitigate the inherent conflicts of interest which result, including the establishment of separate reporting lines for the respective roles, establishment of an independent Index Oversight Committee and the implementation and enforcement of policies and procedures to ensure that appropriate controls are in place.

Certain activities conducted by the Index Administrator may conflict with interests of investors in the Index. Such activities could include (but are not limited to) providing or participating in competing products (such as financial instruments linked to the Index, a Component or a similar index or component) and hedging its exposure to the Index. The Index Administrator could receive substantial returns in respect of such activities, which will not be passed on to any investors in products linked to the Index; whereas the value of investments linked to the Index may decline. Any such activities conducted by the Index Administrator around the time of a rebalancing could adversely impact the performance of the Index and therefore the level of a concurrent rebalancing.

The Index Administrator may have access to information relating to an Index, a Component or investments linked to a Component. The Index Administrator is not obliged to use that information for the benefit of any person entering into products linked to the Index.

7.4 REVIEWS

The Index Administrator has procedures in place to review a sample of its indices (which may not include these Indices) on an annual basis (or more frequently, if it determines appropriate). Such sample shall include the indices requested by the Index Oversight Committee to be reviewed. The Index Administrator shall submit a report on its reviews to the Index Oversight Committee. If the Index Administrator determines that changes are required to a methodology, the Index Oversight Committee shall review the changes the reasons therefor. Any such changes approved by the Index Oversight Committee shall be implemented in accordance with Section 6.2 (*Changes in Methodology*).

SECTION 8: GENERAL INFORMATION

8.1 VALUATION AND CALCULATIONS

The Index Calculation Agent shall, unless stated otherwise, perform all calculations in this Index Manual from the Initial Calculation Date. It shall perform such calculations in its sole and absolute discretion, acting in good faith and in a commercially reasonable manner. All such calculations shall be subject to the Index Calculation Agent's policies and procedures and will (in the absence of manifest error) be final, conclusive and binding. Neither the Index Calculation Agent nor the Index Administrator shall have any liability for errors or omissions made in good faith.

8.2 PUBLICATION OF INDEX LEVEL

The publication of the Index Level by the Index Calculation Agent for an Index Publication Day follows a publication cycle which ends at the Publication Time for such day. Any Index Level published before the Publication Time in respect of a day is indicative and may be restated up to and including the Publication Time.

In respect of an Index Publication Day, the Index Level as published by the Index Calculation Agent on the Bloomberg Ticker at the Publication Time for such day shall be the official Index Level and shall be final and binding (save for changes made pursuant to Section 6 (*Corrections, Changes, Cessation and Discretion*)). See Section 6.1.2 regarding the publication of Material Errors.

Publication Time means, in respect of an Index Publication Day, 23:59:59 (New York Time) on the Index Publication Day immediately following such Index Publication Day.

Index Publication Days, in respect of an Index, are the days that are in the Index Calendar.

8.3 HISTORICAL VALUES OF THE INDEX

Hypothetical back-tested historical levels of the Index prior to the Index Live Date are not indicative of future performance. The Index Administrator makes no representation as to the accuracy or appropriateness of, and shall have no liability to you or any other entity for any loss or damage, direct or indirect, arising from the use of the historical values.

SECTION 9: NOTICES AND DISCLAIMERS

9.1 REGULATORY STATUS

This material is prepared and distributed in the UK by Macquarie Bank Limited, London Branch (MBLLB) and in the EEA member states (other than the UK) by Macquarie Bank International Limited (MBIL) and Macquarie Bank Europe (DAC) (MBE) where required. It is intended only for professional clients and eligible counterparties as defined in the rules of the Financial Conduct Authority. MBLLB is registered in England and Wales (Branch No: BR002678, Company No: FC018220, Firm Reference No: 170934). MBIL is incorporated and registered in England and Wales (Company No. 06309906, Firm Reference No. 471080). MBE is registered and incorporated in the Republic of Ireland (Company No. 634817). The registered office for MBLLB and MBIL is Ropemaker Place, 28 Ropemaker Street, London, EC2Y 9HD. The registered office of MBE is First Floor, Connaught House, 1 Burlington Road, Dublin 4, D04 C5Y6, Ireland. MBLLB is authorised and regulated by the Australian Prudential Regulation Authority. MBIL is authorised by the Prudential Regulation Authority and subject to regulation by the Financial Conduct Authority and limited regulation by the Prudential Regulation Authority. MBE is authorised and regulated by the Central Bank of Ireland. Details about the extent of our regulation are available from us on request.

9.2 NOT RESEARCH OR AN OFFER

This document is not a personal recommendation as defined by the Financial Conduct Authority and you should consider whether you can rely upon any opinion or statement contained in this document without seeking further advice tailored for your own circumstances. It is also not investment research, and has not been prepared in accordance with legal requirements designed to promote the independence of such. Any opinions expressed herein may differ from the opinions expressed in other departments including the research department. Nor have the contents of this document been reviewed by any regulatory authority, and the distribution of this document and availability of related financial instruments in certain jurisdictions may be restricted by law.

This document does not constitute a prospectus, offer, invitation or solicitation to buy or sell financial instruments and is not intended to provide the sole basis for any evaluation of the securities or any other financial instruments which may be discussed within, referred to or based upon an Index. Any offering or potential transaction that may be related to an Index will be made separately and subject to distinct documentation and in such case the information contained herein may be superseded in its entirety by such documentation in final form.

9.3 THIRD-PARTY DISCLAIMER

The Index is not endorsed, sponsored or promoted by the issuer or sponsor of any Component or underlying asset of any Component.

ANNEX A – INDEX SPECIFICATIONS

Annex A may be supplemented from time to time by the addition of new Index Specifications in respect of additional Indices.

Bloomberg Ticker	Index Name	Commodity	Trading Facility	Static Contract Roll Schedule	Roll Start Date	Roll Length	Start Level	Start Date	Index Live Date	Index Calendar	Index Type
MQSDBOER	Macquarie Single Commodity Soybean Oil type A ER Index	CBT Soybean Oil (BO)	CBT	HHKKNNZZZF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDBOTR	Macquarie Single Commodity Soybean Oil type A TR Index	CBT Soybean Oil (BO)	CBT	HHKKNNZZZF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDBO3E	Macquarie Single Commodity Soybean Oil type A 3 month forward ER Index	CBT Soybean Oil (BO)	CBT	KNNZZZF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDBO3T	Macquarie Single Commodity Soybean Oil type A 3 month forward TR Index	CBT Soybean Oil (BO)	CBT	KNNZZZF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDCER	Macquarie Single Commodity Corn type A ER Index	CBT Corn (C)	CBT	HHKKNNUUUZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDCTR	Macquarie Single Commodity Corn type A TR Index	CBT Corn (C)	CBT	HHKKNNUUUZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDC3E	Macquarie Single Commodity Corn type A 3 month forward ER Index	CBT Corn (C)	CBT	KNNUUZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDC3T	Macquarie Single Commodity Corn type A 3 month forward TR Index	CBT Corn (C)	CBT	KNNUUZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDCCER	Macquarie Single Commodity Cocoa type A ER Index	NYB Cocoa (CC)	NYB	HHKKNNUUUZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDCCTR	Macquarie Single Commodity Cocoa type A TR Index	NYB Cocoa (CC)	NYB	HHKKNNUUUZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR

MQSDCC3E	Macquarie Single Commodity Cocoa type A 3 month forward ER Index	NYB Cocoa (CC)	NYB	KNNUUZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDCC3T	Macquarie Single Commodity Cocoa type A 3 month forward TR Index	NYB Cocoa (CC)	NYB	KNNUUZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDCLER	Macquarie Single Commodity Crude Oil (WTI) type A ER Index	NYM WTI Crude Oil (CL)	NYM	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDCLTR	Macquarie Single Commodity Crude Oil (WTI) type A TR Index	NYM WTI Crude Oil (CL)	NYM	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDCL3E	Macquarie Single Commodity Crude Oil (WTI) type A 3 month forward ER Index	NYM WTI Crude Oil (CL)	NYM	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDCL3T	Macquarie Single Commodity Crude Oil (WTI) type A 3 month forward TR Index	NYM WTI Crude Oil (CL)	NYM	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDCTER	Macquarie Single Commodity Cotton type A ER Index	NYB Cotton (CT)	NYB	HHKKNNZZZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDCTTR	Macquarie Single Commodity Cotton type A TR Index	NYB Cotton (CT)	NYB	HHKKNNZZZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDCT3E	Macquarie Single Commodity Cotton type A 3 month forward ER Index	NYB Cotton (CT)	NYB	KNNZZZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDCT3T	Macquarie Single Commodity Cotton type A 3 month forward TR Index	NYB Cotton (CT)	NYB	KNNZZZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDFCER	Macquarie Single Commodity Feeder Cattle type A ER Index	CME Feeder Cattle (FC)	CME	HHKKQQQVVVF+F+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDFCTR	Macquarie Single Commodity Feeder Cattle type A TR Index	CME Feeder Cattle (FC)	CME	HHKKQQQVVVF+F+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDFC3E	Macquarie Single Commodity Feeder Cattle type A 3 month forward ER Index	CME Feeder Cattle (FC)	CME	KQQQVVVF+F+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER

MQSDFC3T	Macquarie Single Commodity Feeder Cattle type A 3 month forward TR Index	CME Feeder Cattle (FC)	CME	KQQQVVF+F+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDGCER	Macquarie Single Commodity Gold type A ER Index	CMX Gold (GC)	CMX	GJJMMQQZZZG+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDGCTR	Macquarie Single Commodity Gold type A TR Index	CMX Gold (GC)	CMX	GJJMMQQZZZG+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDGC3E	Macquarie Single Commodity Gold type A 3 month forward ER Index	CMX Gold (GC)	CMX	MMQQZZZG+G+J+J+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDGC3T	Macquarie Single Commodity Gold type A 3 month forward TR Index	CMX Gold (GC)	CMX	MMQQZZZG+G+J+J+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDHGER	Macquarie Single Commodity Copper (COMEX) type A ER Index	CMX High Grade Copper (HG)	CMX	HHKKNNUUZZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDHGTR	Macquarie Single Commodity Copper (COMEX) type A TR Index	CMX High Grade Copper (HG)	CMX	HHKKNNUUZZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDHG3E	Macquarie Single Commodity Copper (COMEX) type A 3 month forward ER Index	CMX High Grade Copper (HG)	CMX	KNNUUZZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDHG3T	Macquarie Single Commodity Copper (COMEX) type A 3 month forward TR Index	CMX High Grade Copper (HG)	CMX	KNNUUZZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDHOER	Macquarie Single Commodity Heating Oil type A ER Index	NYM Heating Oil (HO)	NYM	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDHOTR	Macquarie Single Commodity Heating Oil type A TR Index	NYM Heating Oil (HO)	NYM	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDHO3E	Macquarie Single Commodity Heating Oil type A 3 month forward ER Index	NYM Heating Oil (HO)	NYM	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDHO3T	Macquarie Single Commodity Heating Oil type A 3 month forward TR Index	NYM Heating Oil (HO)	NYM	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR

MQSDKCER	Macquarie Single Commodity Coffee type A ER Index	NYB Coffee (KC)	NYB	HHKKNNUUZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDKCTR	Macquarie Single Commodity Coffee type A TR Index	NYB Coffee (KC)	NYB	HHKKNNUUZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDKC3E	Macquarie Single Commodity Coffee type A 3 month forward ER Index	NYB Coffee (KC)	NYB	KNNUUZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDKC3T	Macquarie Single Commodity Coffee type A 3 month forward TR Index	NYB Coffee (KC)	NYB	KNNUUZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDKWER	Macquarie Single Commodity Kansas Wheat type A ER Index	CBT Wheat (Kansas) (KW)	CBT	HHKKNNUUZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDKWTR	Macquarie Single Commodity Kansas Wheat type A TR Index	CBT Wheat (Kansas) (KW)	CBT	HHKKNNUUZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDKW3E	Macquarie Single Commodity Kansas Wheat type A 3 month forward ER Index	CBT Wheat (Kansas) (KW)	CBT	KNNUUZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDKW3T	Macquarie Single Commodity Kansas Wheat type A 3 month forward TR Index	CBT Wheat (Kansas) (KW)	CBT	KNNUUZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDLCER	Macquarie Single Commodity Live Cattle type A ER Index	CME Live Cattle (LC)	CME	GJJMMQQVVZZG+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDLCTR	Macquarie Single Commodity Live Cattle type A TR Index	CME Live Cattle (LC)	CME	GJJMMQQVVZZG+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDLC3E	Macquarie Single Commodity Live Cattle type A 3 month forward ER Index	CME Live Cattle (LC)	CME	MMQQVVZZG+G+J+J+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDLC3T	Macquarie Single Commodity Live Cattle type A 3 month forward TR Index	CME Live Cattle (LC)	CME	MMQQVVZZG+G+J+J+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDCOER	Macquarie Single Commodity Brent Crude Oil type A ER Index	ICE Brent Crude Oil (CO)	ICE	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER

MQSDCOTR	Macquarie Single Commodity Brent Crude Oil type A TR Index	ICE Brent Crude Oil (CO)	ICE	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDCO3E	Macquarie Single Commodity Brent Crude Oil type A 3 month forward ER Index	ICE Brent Crude Oil (CO)	ICE	NNUUXXF+F+H+H+K+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDCO3T	Macquarie Single Commodity Brent Crude Oil type A 3 month forward TR Index	ICE Brent Crude Oil (CO)	ICE	NNUUXXF+F+H+H+K+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDQSER	Macquarie Single Commodity GasOil type A ER Index	ICE Gas Oil (QS)	ICE	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDQSTR	Macquarie Single Commodity GasOil type A TR Index	ICE Gas Oil (QS)	ICE	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDQS3E	Macquarie Single Commodity GasOil type A 3 month forward ER Index	ICE Gas Oil (QS)	ICE	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDQS3T	Macquarie Single Commodity GasOil type A 3 month forward TR Index	ICE Gas Oil (QS)	ICE	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDLHER	Macquarie Single Commodity Lean Hogs type A ER Index	CME Lean Hogs (LH)	CME	GJJMMNQVVZZG+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDLHTR	Macquarie Single Commodity Lean Hogs type A TR Index	CME Lean Hogs (LH)	CME	GJJMMNQVVZZG+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDLH3E	Macquarie Single Commodity Lean Hogs type A 3 month forward ER Index	CME Lean Hogs (LH)	CME	MMNQVVZZG+G+J+J+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDLH3T	Macquarie Single Commodity Lean Hogs type A 3 month forward TR Index	CME Lean Hogs (LH)	CME	MMNQVVZZG+G+J+J+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDLAER	Macquarie Single Commodity Aluminium type A ER Index	LME Aluminium (LA)	LME	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDLATR	Macquarie Single Commodity Aluminium type A TR Index	LME Aluminium (LA)	LME	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR

MQSDLA3E	Macquarie Single Commodity Aluminium type A 3 month forward ER Index	LME Aluminium (LA)	LME	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDLA3T	Macquarie Single Commodity Aluminium type A 3 month forward TR Index	LME Aluminium (LA)	LME	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDLNER	Macquarie Single Commodity Nickel type A ER Index	LME Nickel (LN)	LME	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDLNTR	Macquarie Single Commodity Nickel type A TR Index	LME Nickel (LN)	LME	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDLN3E	Macquarie Single Commodity Nickel type A 3 month forward ER Index	LME Nickel (LN)	LME	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDLN3T	Macquarie Single Commodity Nickel type A 3 month forward TR Index	LME Nickel (LN)	LME	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDLLER	Macquarie Single Commodity Lead type A ER Index	LME Lead (LL)	LME	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDLLTR	Macquarie Single Commodity Lead type A TR Index	LME Lead (LL)	LME	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDLL3E	Macquarie Single Commodity Lead type A 3 month forward ER Index	LME Lead (LL)	LME	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDLL3T	Macquarie Single Commodity Lead type A 3 month forward TR Index	LME Lead (LL)	LME	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDLTER	Macquarie Single Commodity Tin type A ER Index	LME Tin (LT)	LME	HHKKNNUUXXF+F+	5	5	100	03-Jan-06	29-Mar-14	New York Mercantile Exchange	ER
MQSDLTTR	Macquarie Single Commodity Tin type A TR Index	LME Tin (LT)	LME	HHKKNNUUXXF+F+	5	5	100	03-Jan-06	29-Mar-14	New York Mercantile Exchange	TR
MQSDLT3E	Macquarie Single Commodity Tin type A 3 month forward ER Index	LME Tin (LT)	LME	KNNUUXXF+F+H+H+K+	5	5	100	03-Jan-06	29-Mar-14	New York Mercantile Exchange	ER

MQSDLT3T	Macquarie Single Commodity Tin type A 3 month forward TR Index	LME Tin (LT)	LME	KNNUUXXF+F+H+H+K+	5	5	100	03-Jan-06	29-Mar-14	New York Mercantile Exchange	TR
MQSDLXER	Macquarie Single Commodity Zinc type A ER Index	LME Zinc (LX)	LME	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDLXTR	Macquarie Single Commodity Zinc type A TR Index	LME Zinc (LX)	LME	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDLX3E	Macquarie Single Commodity Zinc type A 3 month forward ER Index	LME Zinc (LX)	LME	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDLX3T	Macquarie Single Commodity Zinc type A 3 month forward TR Index	LME Zinc (LX)	LME	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDNGER	Macquarie Single Commodity Natural Gas type A ER Index	NYM Natural Gas (NG)	NYM	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDNGTR	Macquarie Single Commodity Natural Gas type A TR Index	NYM Natural Gas (NG)	NYM	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDNG3E	Macquarie Single Commodity Natural Gas type A 3 month forward ER Index	NYM Natural Gas (NG)	NYM	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDJOER	Macquarie Single Commodity Orange Juice type A ER Index	NYB Orange Juice (JO)	NYB	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDJOTR	Macquarie Single Commodity Orange Juice type A TR Index	NYB Orange Juice (JO)	NYB	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDJO3E	Macquarie Single Commodity Orange Juice type A 3 month forward ER Index	NYB Orange Juice (JO)	NYB	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDJO3T	Macquarie Single Commodity Orange Juice type A 3 month forward TR Index	NYB Orange Juice (JO)	NYB	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDPLER	Macquarie Single Commodity Platinum type A ER Index	NYM Platinum (PL)	NYM	JJJNNNNVVVF+F+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER

MQSDPLTR	Macquarie Single Commodity Platinum type A TR Index	NYM Platinum (PL)	NYM	JJJNNNNVVVF+F+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDPL3E	Macquarie Single Commodity Platinum type A 3 month forward ER Index	NYM Platinum (PL)	NYM	NNNVVVVF+F+F+J+J+J+	5	5	100	03-Jan-06	29-Mar-14	New York Mercantile Exchange	ER
MQSDPL3T	Macquarie Single Commodity Platinum type A 3 month forward TR Index	NYM Platinum (PL)	NYM	NNNVVVVF+F+F+J+J+J+	5	5	100	03-Jan-06	29-Mar-14	New York Mercantile Exchange	TR
MQSDXBER	Macquarie Single Commodity Unleaded Gasoline type A ER Index	NYM Unleaded Gasoline (XB)	NYM	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDXBTR	Macquarie Single Commodity Unleaded Gasoline type A TR Index	NYM Unleaded Gasoline (XB)	NYM	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDXB3E	Macquarie Single Commodity Unleaded Gasoline type A 3 month forward ER Index	NYM Unleaded Gasoline (XB)	NYM	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDXB3T	Macquarie Single Commodity Unleaded Gasoline type A 3 month forward TR Index	NYM Unleaded Gasoline (XB)	NYM	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDSER	Macquarie Single Commodity Soybeans type A ER Index	CBT Soybeans (S)	CBT	HHKKNNXXXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDSTR	Macquarie Single Commodity Soybeans type A TR Index	CBT Soybeans (S)	CBT	HHKKNNXXXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDS3E	Macquarie Single Commodity Soybeans type A 3 month forward ER Index	CBT Soybeans (S)	CBT	KNNXXXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDS3T	Macquarie Single Commodity Soybeans type A 3 month forward TR Index	CBT Soybeans (S)	CBT	KNNXXXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDSBER	Macquarie Single Commodity Sugar type A ER Index	NYB Sugar (SB)	NYB	HHKKNNVVVH+H+H+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDSBTR	Macquarie Single Commodity Sugar type A TR Index	NYB Sugar (SB)	NYB	HHKKNNVVVH+H+H+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR

MQSDSB3E	Macquarie Single Commodity Sugar type A 3 month forward ER Index	NYB Sugar (SB)	NYB	KNNVVVH+H+H+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDSB3T	Macquarie Single Commodity Sugar type A 3 month forward TR Index	NYB Sugar (SB)	NYB	KNNVVVH+H+H+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDSIER	Macquarie Single Commodity Silver type A ER Index	CMX Silver (SI)	CMX	HHKKNNUUZZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDSITR	Macquarie Single Commodity Silver type A TR Index	CMX Silver (SI)	CMX	HHKKNNUUZZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDS13E	Macquarie Single Commodity Silver type A 3 month forward ER Index	CMX Silver (SI)	CMX	KNNUUZZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDS13T	Macquarie Single Commodity Silver type A 3 month forward TR Index	CMX Silver (SI)	CMX	KNNUUZZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDSMER	Macquarie Single Commodity Soybean Meal type A ER Index	CBT Soybean Meal (SM)	CBT	HHKKNNZZZF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDSMTR	Macquarie Single Commodity Soybean Meal type A TR Index	CBT Soybean Meal (SM)	CBT	HHKKNNZZZF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDSM3E	Macquarie Single Commodity Soybean Meal type A 3 month forward ER Index	CBT Soybean Meal (SM)	CBT	KNNZZZF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDSM3T	Macquarie Single Commodity Soybean Meal type A 3 month forward TR Index	CBT Soybean Meal (SM)	CBT	KNNZZZF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDWER	Macquarie Single Commodity Wheat type A ER Index	CBT Wheat (Chicago) (W)	CBT	HHKKNNUUZZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER
MQSDWTR	Macquarie Single Commodity Wheat type A TR Index	CBT Wheat (Chicago) (W)	CBT	HHKKNNUUZZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDW3E	Macquarie Single Commodity Wheat type A 3 month forward ER Index	CBT Wheat (Chicago) (W)	CBT	KNNUUZZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	ER

MQSDW3T	Macquarie Single Commodity Wheat type A 3 month forward TR Index	CBT Wheat (Chicago) (W)	CBT	KNNUUZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSCCER	Macquarie Single Commodity Corn type B ER Index	CBT Corn (C)	CBT	HHKKNNUUZZH+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCCTR	Macquarie Single Commodity Corn type B TR Index	CBT Corn (C)	CBT	HHKKNNUUZZH+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCC3E	Macquarie Single Commodity Corn type B 3 month forward ER Index	CBT Corn (C)	CBT	KNNUUZZH+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCC3T	Macquarie Single Commodity Corn type B 3 month forward TR Index	CBT Corn (C)	CBT	KNNUUZZH+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCCCER	Macquarie Single Commodity Cocoa type B ER Index	NYB Cocoa (CC)	NYB	HHKKNNUUZZH+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCCCTR	Macquarie Single Commodity Cocoa type B TR Index	NYB Cocoa (CC)	NYB	HHKKNNUUZZH+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCCC3E	Macquarie Single Commodity Cocoa type B 3 month forward ER Index	NYB Cocoa (CC)	NYB	KNNUUZZH+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCCC3T	Macquarie Single Commodity Cocoa type B 3 month forward TR Index	NYB Cocoa (CC)	NYB	KNNUUZZH+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCCLER	Macquarie Single Commodity Crude Oil (WTI) type B ER Index	NYM WTI Crude Oil (CL)	NYM	GHJKMNQUVXZF+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCCLTR	Macquarie Single Commodity Crude Oil (WTI) type B TR Index	NYM WTI Crude Oil (CL)	NYM	GHJKMNQUVXZF+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCCL2E	Macquarie Single Commodity Crude Oil (WTI) type B 2 month forward ER Index	NYM WTI Crude Oil (CL)	NYM	JKMNQUVXZF+G+H+	5	5	100	06-Feb-04	04-May-20	New York Mercantile Exchange	ER
MQSCCL3E	Macquarie Single Commodity Crude Oil (WTI) type B 3 month forward ER Index	NYM WTI Crude Oil (CL)	NYM	KMNQUVXZF+G+H+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER

MQSCCL4E	Macquarie Single Commodity Crude Oil (WTI) type B 4 month forward ER Index	NYM WTI Crude Oil (CL)	NYM	MNQUVXZF+G+H+J+K+	5	5	100	06-Feb-04	04-May-20	New York Mercantile Exchange	ER
MQSCCL5E	Macquarie Single Commodity Crude Oil (WTI) type B 5 month forward ER Index	NYM WTI Crude Oil (CL)	NYM	NQUVXZF+G+H+J+K+M+	5	5	100	06-Feb-04	04-May-20	New York Mercantile Exchange	ER
MQSCCL3T	Macquarie Single Commodity Crude Oil (WTI) type B 3 month forward TR Index	NYM WTI Crude Oil (CL)	NYM	KMNQUVXZF+G+H+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCCTER	Macquarie Single Commodity Cotton type B ER Index	NYB Cotton (CT)	NYB	HHKKNNZZZZH+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCCTTR	Macquarie Single Commodity Cotton type B TR Index	NYB Cotton (CT)	NYB	HHKKNNZZZZH+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCCT3E	Macquarie Single Commodity Cotton type B 3 month forward ER Index	NYB Cotton (CT)	NYB	KNNZZZZH+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCCT3T	Macquarie Single Commodity Cotton type B 3 month forward TR Index	NYB Cotton (CT)	NYB	KNNZZZZH+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCFCER	Macquarie Single Commodity Feeder Cattle type B ER Index	CME Feeder Cattle (FC)	CME	HHJKQQQUVXF+F+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCFCTR	Macquarie Single Commodity Feeder Cattle type B TR Index	CME Feeder Cattle (FC)	CME	HHJKQQQUVXF+F+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCFC3E	Macquarie Single Commodity Feeder Cattle type B 3 month forward ER Index	CME Feeder Cattle (FC)	CME	KQQQUVXF+F+H+H+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCFC3T	Macquarie Single Commodity Feeder Cattle type B 3 month forward TR Index	CME Feeder Cattle (FC)	CME	KQQQUVXF+F+H+H+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCGCER	Macquarie Single Commodity Gold type B ER Index	CMX Gold (GC)	CMX	GJJMMQQZGG+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCGCTR	Macquarie Single Commodity Gold type B TR Index	CMX Gold (GC)	CMX	GJJMMQQZGG+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR

MQSCGC3E	Macquarie Single Commodity Gold type B 3 month forward ER Index	CMX Gold (GC)	CMX	MMQQZZZG+G+J+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCGC3T	Macquarie Single Commodity Gold type B 3 month forward TR Index	CMX Gold (GC)	CMX	MMQQZZZG+G+J+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCHOER	Macquarie Single Commodity Heating Oil type B ER Index	NYM Heating Oil (HO)	NYM	GHJKMNQUVXZF+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCHOTR	Macquarie Single Commodity Heating Oil type B TR Index	NYM Heating Oil (HO)	NYM	GHJKMNQUVXZF+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCHO2E	Macquarie Single Commodity Heating Oil type B 2 month forward ER Index	NYM Heating Oil (HO)	NYM	JKMNQUVXZF+G+H+	5	5	100	06-Feb-04	04-May-20	New York Mercantile Exchange	ER
MQSCHO3E	Macquarie Single Commodity Heating Oil type B 3 month forward ER Index	NYM Heating Oil (HO)	NYM	KMNQUVXZF+G+H+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCHO4E	Macquarie Single Commodity Heating Oil type B 4 month forward ER Index	NYM Heating Oil (HO)	NYM	MNQUVXZF+G+H+J+K+	5	5	100	06-Feb-04	04-May-20	New York Mercantile Exchange	ER
MQSCHO5E	Macquarie Single Commodity Heating Oil type B 5 month forward ER Index	NYM Heating Oil (HO)	NYM	NQUVXZF+G+H+J+K+M+	5	5	100	06-Feb-04	04-May-20	New York Mercantile Exchange	ER
MQSCHO3T	Macquarie Single Commodity Heating Oil type B 3 month forward TR Index	NYM Heating Oil (HO)	NYM	KMNQUVXZF+G+H+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCKCER	Macquarie Single Commodity Coffee type B ER Index	NYB Coffee (KC)	NYB	HHKKNNUUZZZH+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCKCTR	Macquarie Single Commodity Coffee type B TR Index	NYB Coffee (KC)	NYB	HHKKNNUUZZZH+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCKC3E	Macquarie Single Commodity Coffee type B 3 month forward ER Index	NYB Coffee (KC)	NYB	KNNUUZZZH+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCKC3T	Macquarie Single Commodity Coffee type B 3 month forward TR Index	NYB Coffee (KC)	NYB	KNNUUZZZH+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR

MQSCKWER	Macquarie Single Commodity Kansas Wheat type B ER Index	CBT Wheat (Kansas) (KW)	CBT	HHKKNNUUZZZH+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCKWTR	Macquarie Single Commodity Kansas Wheat type B TR Index	CBT Wheat (Kansas) (KW)	CBT	HHKKNNUUZZZH+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCKW3E	Macquarie Single Commodity Kansas Wheat type B 3 month forward ER Index	CBT Wheat (Kansas) (KW)	CBT	KNNUUZZZH+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCKW3T	Macquarie Single Commodity Kansas Wheat type B 3 month forward TR Index	CBT Wheat (Kansas) (KW)	CBT	KNNUUZZZH+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCLCER	Macquarie Single Commodity Live Cattle type B ER Index	CME Live Cattle (LC)	CME	GJJMMQQVVZZG+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCLCTR	Macquarie Single Commodity Live Cattle type B TR Index	CME Live Cattle (LC)	CME	GJJMMQQVVZZG+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCLC3E	Macquarie Single Commodity Live Cattle type B 3 month forward ER Index	CME Live Cattle (LC)	CME	MMQQVVZZG+G+J+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCLC3T	Macquarie Single Commodity Live Cattle type B 3 month forward TR Index	CME Live Cattle (LC)	CME	MMQQVVZZG+G+J+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCCOER	Macquarie Single Commodity Brent Crude Oil type B ER Index	ICE Brent Crude Oil (CO)	ICE	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCCOTR	Macquarie Single Commodity Brent Crude Oil type B TR Index	ICE Brent Crude Oil (CO)	ICE	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCCO2E	Macquarie Single Commodity Brent Crude Oil type B 2 month forward ER Index	ICE Brent Crude Oil (CO)	ICE	KMNQUVXZF+G+H+J+	5	5	100	06-Feb-04	04-May-20	New York Mercantile Exchange	ER
MQSCCO3E	Macquarie Single Commodity Brent Crude Oil type B 3 month forward ER Index	ICE Brent Crude Oil (CO)	ICE	MNQUVXZF+G+H+J+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCCO4E	Macquarie Single Commodity Brent Crude Oil type B 4 month forward ER Index	ICE Brent Crude Oil (CO)	ICE	NQUVXZF+G+H+J+K+M+	5	5	100	06-Feb-04	04-May-20	New York Mercantile Exchange	ER

MQSCCO5E	Macquarie Single Commodity Brent Crude Oil type B 5 month forward ER Index	ICE Brent Crude Oil (CO)	ICE	QUVXZF+G+H+J+K+M+N+	5	5	100	06-Feb-04	04-May-20	New York Mercantile Exchange	ER
MQSCCO3T	Macquarie Single Commodity Brent Crude Oil type B 3 month forward TR Index	ICE Brent Crude Oil (CO)	ICE	MNQUVXZF+G+H+J+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCQSER	Macquarie Single Commodity GasOil type B ER Index	ICE Gas Oil (QS)	ICE	GHJKMNQUVXZF+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCQSTR	Macquarie Single Commodity GasOil type B TR Index	ICE Gas Oil (QS)	ICE	GHJKMNQUVXZF+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCQS2E	Macquarie Single Commodity GasOil type B 2 month forward ER Index	ICE Gas Oil (QS)	ICE	JKMNQUVXZF+G+H+	5	5	100	06-Feb-04	04-May-20	New York Mercantile Exchange	ER
MQSCQS3E	Macquarie Single Commodity GasOil type B 3 month forward ER Index	ICE Gas Oil (QS)	ICE	KMNQUVXZF+G+H+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCQS4E	Macquarie Single Commodity GasOil type B 4 month forward ER Index	ICE Gas Oil (QS)	ICE	MNQUVXZF+G+H+J+K+	5	5	100	06-Feb-04	04-May-20	New York Mercantile Exchange	ER
MQSCQS5E	Macquarie Single Commodity GasOil type B 5 month forward ER Index	ICE Gas Oil (QS)	ICE	NQUVXZF+G+H+J+K+M+	5	5	100	06-Feb-04	04-May-20	New York Mercantile Exchange	ER
MQSCQS3T	Macquarie Single Commodity GasOil type B 3 month forward TR Index	ICE Gas Oil (QS)	ICE	KMNQUVXZF+G+H+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCLHER	Macquarie Single Commodity Lean Hogs type B ER Index	CME Lean Hogs (LH)	CME	GJJMMNQVVZZG+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCLHTR	Macquarie Single Commodity Lean Hogs type B TR Index	CME Lean Hogs (LH)	CME	GJJMMNQVVZZG+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCLH3E	Macquarie Single Commodity Lean Hogs type B 3 month forward ER Index	CME Lean Hogs (LH)	CME	MMNQVVZZG+G+J+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCLH3T	Macquarie Single Commodity Lean Hogs type B 3 month forward TR Index	CME Lean Hogs (LH)	CME	MMNQVVZZG+G+J+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR

MQSCLAER	Macquarie Single Commodity Aluminium type B ER Index	LME Aluminium (LA)	LME	GHJKMNQUVXZF+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCLATR	Macquarie Single Commodity Aluminium type B TR Index	LME Aluminium (LA)	LME	GHJKMNQUVXZF+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCLA3E	Macquarie Single Commodity Aluminium type B 3 month forward ER Index	LME Aluminium (LA)	LME	KMNQUVXZF+G+H+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCLA3T	Macquarie Single Commodity Aluminium type B 3 month forward TR Index	LME Aluminium (LA)	LME	KMNQUVXZF+G+H+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCLPER	Macquarie Single Commodity Copper type B ER Index	LME Copper (LP)	LME	GHJKMNQUVXZF+	5	5	100	06-Feb-04	08-Apr-14	New York Mercantile Exchange	ER
MQSCLPTR	Macquarie Single Commodity Copper type B TR Index	LME Copper (LP)	LME	GHJKMNQUVXZF+	5	5	100	06-Feb-04	08-Apr-14	New York Mercantile Exchange	TR
MQSCLP3E	Macquarie Single Commodity Copper type B 3 month forward ER Index	LME Copper (LP)	LME	KMNQUVXZF+G+H+J+	5	5	100	06-Feb-04	08-Apr-14	New York Mercantile Exchange	ER
MQSCLP3T	Macquarie Single Commodity Copper type B 3 month forward TR Index	LME Copper (LP)	LME	KMNQUVXZF+G+H+J+	5	5	100	06-Feb-04	08-Apr-14	New York Mercantile Exchange	TR
MQSCLNER	Macquarie Single Commodity Nickel type B ER Index	LME Nickel (LN)	LME	GHJKMNQUVXZF+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCLNTR	Macquarie Single Commodity Nickel type B TR Index	LME Nickel (LN)	LME	GHJKMNQUVXZF+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCLN3E	Macquarie Single Commodity Nickel type B 3 month forward ER Index	LME Nickel (LN)	LME	KMNQUVXZF+G+H+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCLN3T	Macquarie Single Commodity Nickel type B 3 month forward TR Index	LME Nickel (LN)	LME	KMNQUVXZF+G+H+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCLLER	Macquarie Single Commodity Lead type B ER Index	LME Lead (LL)	LME	GHJKMNQUVXZF+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER

MQSCLLTR	Macquarie Single Commodity Lead type B TR Index	LME Lead (LL)	LME	GHJKMNQUVXZF+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCLL3E	Macquarie Single Commodity Lead type B 3 month forward ER Index	LME Lead (LL)	LME	KMNQUVXZF+G+H+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCLL3T	Macquarie Single Commodity Lead type B 3 month forward TR Index	LME Lead (LL)	LME	KMNQUVXZF+G+H+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCLTER	Macquarie Single Commodity Tin type B ER Index	LME Tin (LT)	LME	GHJKMNQUVXZF+	5	5	100	03-Jan-06	20-Mar-14	New York Mercantile Exchange	ER
MQSCLTR	Macquarie Single Commodity Tin type B TR Index	LME Tin (LT)	LME	GHJKMNQUVXZF+	5	5	100	03-Jan-06	20-Mar-14	New York Mercantile Exchange	TR
MQSCLT3E	Macquarie Single Commodity Tin type B 3 month forward ER Index	LME Tin (LT)	LME	KMNQUVXZF+G+H+J+	5	5	100	03-Jan-06	20-Mar-14	New York Mercantile Exchange	ER
MQSCLT3T	Macquarie Single Commodity Tin type B 3 month forward TR Index	LME Tin (LT)	LME	KMNQUVXZF+G+H+J+	5	5	100	03-Jan-06	20-Mar-14	New York Mercantile Exchange	TR
MQSCLXER	Macquarie Single Commodity Zinc type B ER Index	LME Zinc (LX)	LME	GHJKMNQUVXZF+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCLXTR	Macquarie Single Commodity Zinc type B TR Index	LME Zinc (LX)	LME	GHJKMNQUVXZF+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCLX3E	Macquarie Single Commodity Zinc type B 3 month forward ER Index	LME Zinc (LX)	LME	KMNQUVXZF+G+H+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCLX3T	Macquarie Single Commodity Zinc type B 3 month forward TR Index	LME Zinc (LX)	LME	KMNQUVXZF+G+H+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCNGER	Macquarie Single Commodity Natural Gas type B ER Index	NYM Natural Gas (NG)	NYM	GHJKMNQUVXZF+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCNGTR	Macquarie Single Commodity Natural Gas type B TR Index	NYM Natural Gas (NG)	NYM	GHJKMNQUVXZF+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR

MQSCNG3E	Macquarie Single Commodity Natural Gas type B 3 month forward ER Index	NYM Natural Gas (NG)	NYM	KMNQUVXZF+G+H+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCNG3T	Macquarie Single Commodity Natural Gas type B 3 month forward TR Index	NYM Natural Gas (NG)	NYM	KMNQUVXZF+G+H+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCJOER	Macquarie Single Commodity Orange Juice type B ER Index	NYB Orange Juice (JO)	NYB	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCJOTR	Macquarie Single Commodity Orange Juice type B TR Index	NYB Orange Juice (JO)	NYB	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCJO3E	Macquarie Single Commodity Orange Juice type B 3 month forward ER Index	NYB Orange Juice (JO)	NYB	KNNUXXF+F+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCJO3T	Macquarie Single Commodity Orange Juice type B 3 month forward TR Index	NYB Orange Juice (JO)	NYB	KNNUXXF+F+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCPLER	Macquarie Single Commodity Platinum type B ER Index	NYM Platinum (PL)	NYM	JJJNNNNVVVF+F+F+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCPLTR	Macquarie Single Commodity Platinum type B TR Index	NYM Platinum (PL)	NYM	JJJNNNNVVVF+F+F+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCPL3E	Macquarie Single Commodity Platinum type B 3 month forward ER Index	NYM Platinum (PL)	NYM	NNNVVVF+F+F+J+J+J+	5	5	100	03-Jan-06	20-Mar-14	New York Mercantile Exchange	ER
MQSCPL3T	Macquarie Single Commodity Platinum type B 3 month forward TR Index	NYM Platinum (PL)	NYM	NNNVVVF+F+F+J+J+J+	5	5	100	03-Jan-06	20-Mar-14	New York Mercantile Exchange	TR
MQSCXBBER	Macquarie Single Commodity Unleaded Gasoline type B ER Index	NYM Unleaded Gasoline (XB)	NYM	GHJKMNQUVXZF+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCXBTR	Macquarie Single Commodity Unleaded Gasoline type B TR Index	NYM Unleaded Gasoline (XB)	NYM	GHJKMNQUVXZF+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCXB2E	Macquarie Single Commodity Unleaded Gasoline type B 2 month forward ER Index	NYM Unleaded Gasoline (XB)	NYM	JKMNQUVXZF+G+H+	5	5	100	06-Feb-04	04-May-20	New York Mercantile Exchange	ER

MQSCXB3E	Macquarie Single Commodity Unleaded Gasoline type B 3 month forward ER Index	NYM Unleaded Gasoline (XB)	NYM	KMNQUVXZF+G+H+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCXB4E	Macquarie Single Commodity Unleaded Gasoline type B 4 month forward ER Index	NYM Unleaded Gasoline (XB)	NYM	MNQUVXZF+G+H+J+K+	5	5	100	06-Feb-04	04-May-20	New York Mercantile Exchange	ER
MQSCXB5E	Macquarie Single Commodity Unleaded Gasoline type B 5 month forward ER Index	NYM Unleaded Gasoline (XB)	NYM	NQUVXZF+G+H+J+K+M+	5	5	100	06-Feb-04	04-May-20	New York Mercantile Exchange	ER
MQSCXB3T	Macquarie Single Commodity Unleaded Gasoline type B 3 month forward TR Index	NYM Unleaded Gasoline (XB)	NYM	KMNQUVXZF+G+H+J+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCSER	Macquarie Single Commodity Soybeans type B ER Index	CBT Soybeans (S)	CBT	HHKKNNXXXXF+F+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCSTR	Macquarie Single Commodity Soybeans type B TR Index	CBT Soybeans (S)	CBT	HHKKNNXXXXF+F+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCS3E	Macquarie Single Commodity Soybeans type B 3 month forward ER Index	CBT Soybeans (S)	CBT	KNNXXXXF+F+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCS3T	Macquarie Single Commodity Soybeans type B 3 month forward TR Index	CBT Soybeans (S)	CBT	KNNXXXXF+F+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCSBER	Macquarie Single Commodity Sugar type B ER Index	NYB Sugar (SB)	NYB	HHKKNNVVVH+H+H+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCSBTR	Macquarie Single Commodity Sugar type B TR Index	NYB Sugar (SB)	NYB	HHKKNNVVVH+H+H+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCSB3E	Macquarie Single Commodity Sugar type B 3 month forward ER Index	NYB Sugar (SB)	NYB	KNNVVVH+H+H+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCSB3T	Macquarie Single Commodity Sugar type B 3 month forward TR Index	NYB Sugar (SB)	NYB	KNNVVVH+H+H+H+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCSIER	Macquarie Single Commodity Silver type B ER Index	CMX Silver (SI)	CMX	HHKKNNUUZZZH+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER

MQSCSITR	Macquarie Single Commodity Silver type B TR Index	CMX Silver (SI)	CMX	HHKKNNUUZZZH+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQCSI3E	Macquarie Single Commodity Silver type B 3 month forward ER Index	CMX Silver (SI)	CMX	KNNUUZZZH+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQCSI3T	Macquarie Single Commodity Silver type B 3 month forward TR Index	CMX Silver (SI)	CMX	KNNUUZZZH+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCWER	Macquarie Single Commodity Wheat type B ER Index	CBT Wheat (Chicago) (W)	CBT	HHKKNNUUZZZH+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCWTR	Macquarie Single Commodity Wheat type B TR Index	CBT Wheat (Chicago) (W)	CBT	HHKKNNUUZZZH+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCW3E	Macquarie Single Commodity Wheat type B 3 month forward ER Index	CBT Wheat (Chicago) (W)	CBT	KNNUUZZZH+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCW3T	Macquarie Single Commodity Wheat type B 3 month forward TR Index	CBT Wheat (Chicago) (W)	CBT	KNNUUZZZH+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCBOER	Macquarie Single Commodity Soybean Oil type B ER Index	CBT Soybean Oil (BO)	CBT	HHKKNNZZZZF+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCBOTR	Macquarie Single Commodity Soybean Oil type B TR Index	CBT Soybean Oil (BO)	CBT	HHKKNNZZZZF+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCBO3E	Macquarie Single Commodity Soybean Oil type B 3 month forward ER Index	CBT Soybean Oil (BO)	CBT	KNNZZZZF+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCBO3T	Macquarie Single Commodity Soybean Oil type B 3 month forward TR Index	CBT Soybean Oil (BO)	CBT	KNNZZZZF+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCHGER	Macquarie Single Commodity Copper (COMEX) type B ER Index	CMX High Grade Copper (HG)	CMX	HHKKNNUUZZZH+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCHGTR	Macquarie Single Commodity Copper (COMEX) type B TR Index	CMX High Grade Copper (HG)	CMX	HHKKNNUUZZZH+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR

MQSCHG3E	Macquarie Single Commodity Copper (COMEX) type B 3 month forward ER Index	CMX High Grade Copper (HG)	CMX	KNNUUZZH+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCHG3T	Macquarie Single Commodity Copper (COMEX) type B 3 month forward TR Index	CMX High Grade Copper (HG)	CMX	KNNUUZZH+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSCSMER	Macquarie Single Commodity Soybean Meal type B ER Index	CBT Soybean Meal (SM)	CBT	HHKKNNZZZZF+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQSCSMTR	Macquarie Single Commodity Soybean Meal type B TR Index	CBT Soybean Meal (SM)	CBT	HHKKNNZZZZF+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQCSM3E	Macquarie Single Commodity Soybean Meal type B 3 month forward ER Index	CBT Soybean Meal (SM)	CBT	KNNZZZZF+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	ER
MQCSM3T	Macquarie Single Commodity Soybean Meal type B 3 month forward TR Index	CBT Soybean Meal (SM)	CBT	KNNZZZZF+H+H+K+	5	5	100	06-Feb-04	20-Mar-14	New York Mercantile Exchange	TR
MQSDLBOG	Macquarie Minimum Drawdown Soybean Oil Beta ER (L)	CBT Soybean Oil (BO)	CBT	KNNNNNZF+F+H+H+K+	5	5	100	03-Jan-00	31-Jan-15	New York Mercantile Exchange	ER
MQSDLCNG	Macquarie Minimum Drawdown Corn Beta ER (L)	CBT Corn (C)	CBT	KNNNNNZZH+H+H+K+	5	5	100	03-Jan-00	31-Jan-15	New York Mercantile Exchange	ER
MQSDLCLG	Macquarie Minimum Drawdown Crude Oil (WTI) Beta ER (L)	NYM WTI Crude Oil (CL)	NYM	KNNUUXXF+F+H+H+K+	5	5	100	03-Jan-00	31-Jan-15	New York Mercantile Exchange	ER
MQSDLCTG	Macquarie Minimum Drawdown Cotton Beta ER (L)	NYB Cotton (CT)	NYB	KNNZZZZZH+H+K+	5	5	100	03-Jan-00	31-Jan-15	New York Mercantile Exchange	ER
MQSDLLHG	Macquarie Minimum Drawdown Lean Hogs Beta ER (L)	CME Lean Hogs (LH)	CME	QVVZZG+G+J+J+M+M+N+	5	5	100	03-Jan-00	31-Jan-15	New York Mercantile Exchange	ER
MQSDLALG	Macquarie Minimum Drawdown Aluminium Beta ER (L)	LME Aluminium (LA)	LME	KNNUUXXF+F+H+H+K+	5	5	100	03-Jan-00	31-Jan-15	New York Mercantile Exchange	ER
MQSDLNGG	Macquarie Minimum Drawdown Natural Gas Beta ER (L)	NYM Natural Gas (NG)	NYM	HNNNUUVXF+F+H+H+	5	5	100	03-Jan-00	31-Jan-15	New York Mercantile Exchange	ER

MQSDLSBG	Macquarie Minimum Drawdown Sugar Beta ER (L)	NYB Sugar (SB)	NYB	KNNVVVVVH+H+H+K+	5	5	100	03-Jan-00	31-Jan-15	New York Mercantile Exchange	ER
MQSDSBOG	Macquarie Minimum Drawdown Soybean Oil Beta ER (S)	CBT Soybean Oil (BO)	CBT	HHKKNNZZZF+F+	5	5	100	03-Jan-00	31-Jan-15	New York Mercantile Exchange	ER
MQSDSCNG	Macquarie Minimum Drawdown Corn Beta ER (S)	CBT Corn (C)	CBT	HHKKNNUUZZH+	5	5	100	03-Jan-00	31-Jan-15	New York Mercantile Exchange	ER
MQSDSCLG	Macquarie Minimum Drawdown Crude Oil (WTI) Beta ER (S)	NYM WTI Crude Oil (CL)	NYM	HHKKNNUUXXF+F+	5	5	100	03-Jan-00	31-Jan-15	New York Mercantile Exchange	ER
MQSDSCTG	Macquarie Minimum Drawdown Cotton Beta ER (S)	NYB Cotton (CT)	NYB	HHKKNNZZZZH+	5	5	100	03-Jan-00	31-Jan-15	New York Mercantile Exchange	ER
MQSDLHG	Macquarie Minimum Drawdown Lean Hogs Beta ER (S)	CME Lean Hogs (LH)	CME	GJJMMNQVVZZG+	5	5	100	03-Jan-00	31-Jan-15	New York Mercantile Exchange	ER
MQSDSALG	Macquarie Minimum Drawdown Aluminium Beta ER (S)	LME Aluminium (LA)	LME	HHKKNNUUXXF+F+	5	5	100	03-Jan-00	31-Jan-15	New York Mercantile Exchange	ER
MQSDSNGG	Macquarie Minimum Drawdown Natural Gas Beta ER (S)	NYM Natural Gas (NG)	NYM	GKKKNNUUZZF+F+	5	5	100	03-Jan-00	31-Jan-15	New York Mercantile Exchange	ER
MQSDSSBG	Macquarie Minimum Drawdown Sugar Beta ER (S)	NYB Sugar (SB)	NYB	HHKKNNVVVH+H+H+	5	5	100	03-Jan-00	31-Jan-15	New York Mercantile Exchange	ER
MQSDSHGG	Macquarie Minimum Drawdown High Grade Copper Beta ER (S)	CMX High Grade Copper (HG)	CMX	HHKKNNUUZZH+	5	5	100	03-Jan-00	27-Feb-15	New York Mercantile Exchange	ER
MQSDLHGG	Macquarie Minimum Drawdown High Grade Copper Beta ER (L)	CMX High Grade Copper (HG)	CMX	HKKNUUZZH+H+	5	5	100	03-Jan-00	27-Feb-15	New York Mercantile Exchange	ER
MQSDSHOG	Macquarie Minimum Drawdown Heating Oil Beta ER (S)	NYM Heating Oil (HO)	NYM	GKKKNNUUZZF+F+	5	5	100	03-Jan-00	27-Feb-15	New York Mercantile Exchange	ER
MQSDLHOG	Macquarie Minimum Drawdown Heating Oil Beta ER (L)	NYM Heating Oil (HO)	NYM	HNNNUUVXF+F+H+H+	5	5	100	03-Jan-00	27-Feb-15	New York Mercantile Exchange	ER

MQSDSLNG	Macquarie Minimum Drawdown Nickel Beta ER (S)	LME Nickel (LN)	LME	HHKKNNUUXXF+F+	5	5	100	03-Jan-00	27-Feb-15	New York Mercantile Exchange	ER
MQSDLLNG	Macquarie Minimum Drawdown Nickel Beta ER (L)	LME Nickel (LN)	LME	KNNUUXXF+F+H+H+K+	5	5	100	03-Jan-00	27-Feb-15	New York Mercantile Exchange	ER
MQSDSLXG	Macquarie Minimum Drawdown Zinc Beta ER (S)	LME Zinc (LX)	LME	HHKKNNUUXXF+F+	5	5	100	03-Jan-00	27-Feb-15	New York Mercantile Exchange	ER
MQSDLLXG	Macquarie Minimum Drawdown Zinc Beta ER (L)	LME Zinc (LX)	LME	KNNUUXXF+F+H+H+K+	5	5	100	03-Jan-00	27-Feb-15	New York Mercantile Exchange	ER
MQSDSXBG	Macquarie Minimum Drawdown Unleaded Gasoline Beta ER (S)	NYM Unleaded Gasoline (XB)	NYM	GKKKNNUUZZF+F+	5	5	100	03-Jan-00	27-Feb-15	New York Mercantile Exchange	ER
MQSDLXBG	Macquarie Minimum Drawdown Unleaded Gasoline Beta ER (L)	NYM Unleaded Gasoline (XB)	NYM	HNNNUUVXF+F+H+H+	5	5	100	03-Jan-00	27-Feb-15	New York Mercantile Exchange	ER
MQSCP0CL	Macquarie Single Commodity WTI Crude Oil Pre-roll Type B F0	NYM WTI Crude Oil (CL)	NYM	GHJKMNQUVXZF+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP2CL	Macquarie Single Commodity WTI Crude Oil Pre-roll Type B F2	NYM WTI Crude Oil (CL)	NYM	JKMNQUVXZF+G+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP3CL	Macquarie Single Commodity WTI Crude Oil Pre-roll Type B F3	NYM WTI Crude Oil (CL)	NYM	KMNQUVXZF+G+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP0CO	Macquarie Single Commodity Brent Crude Oil Pre-roll Type B F0	ICE Brent Crude Oil (CO)	ICE	HJKMNQUVXZF+G+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP2CO	Macquarie Single Commodity Brent Crude Oil Pre-roll Type B F2	ICE Brent Crude Oil (CO)	ICE	KMNQUVXZF+G+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP3CO	Macquarie Single Commodity Brent Crude Oil Pre-roll Type B F3	ICE Brent Crude Oil (CO)	ICE	MNQUVXZF+G+H+J+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP0XB	Macquarie Single Commodity Unleaded Gasoline Pre-roll Type B F0	NYM Unleaded Gasoline (XB)	NYM	GHJKMNQUVXZF+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER

MQSCP2XB	Macquarie Single Commodity Unleaded Gasoline Pre-roll Type B F2	NYM Unleaded Gasoline (XB)	NYM	JKMNQUVXZF+G+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP3XB	Macquarie Single Commodity Unleaded Gasoline Pre-roll Type B F3	NYM Unleaded Gasoline (XB)	NYM	KMNQUVXZF+G+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP0HO	Macquarie Single Commodity Heating Oil Pre-roll Type B F0	NYM Heating Oil (HO)	NYM	GHJKMNQUVXZF+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP2HO	Macquarie Single Commodity Heating Oil Pre-roll Type B F2	NYM Heating Oil (HO)	NYM	JKMNQUVXZF+G+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP3HO	Macquarie Single Commodity Heating Oil Pre-roll Type B F3	NYM Heating Oil (HO)	NYM	KMNQUVXZF+G+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP0QS	Macquarie Single Commodity Gas Oil Pre-roll Type B F0	ICE Gas Oil (QS)	ICE	GHJKMNQUVXZF+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP2QS	Macquarie Single Commodity Gas Oil Pre-roll Type B F2	ICE Gas Oil (QS)	ICE	JKMNQUVXZF+G+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP3QS	Macquarie Single Commodity Gas Oil Pre-roll Type B F3	ICE Gas Oil (QS)	ICE	KMNQUVXZF+G+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCPONG	Macquarie Single Commodity Natural Gas Pre-roll Type B F0	NYM Natural Gas (NG)	NYM	GHJKMNQUVXZF+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP2NG	Macquarie Single Commodity Natural Gas Pre-roll Type B F2	NYM Natural Gas (NG)	NYM	JKMNQUVXZF+G+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP3NG	Macquarie Single Commodity Natural Gas Pre-roll Type B F3	NYM Natural Gas (NG)	NYM	KMNQUVXZF+G+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP0GC	Macquarie Single Commodity Gold Pre-roll Type B F0	CMX Gold (GC)	CMX	GJJMMQQZZZG+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP2GC	Macquarie Single Commodity Gold Pre-roll Type B F2	CMX Gold (GC)	CMX	JMMQQZZZG+G+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER

MQSCP3GC	Macquarie Single Commodity Gold Pre-roll Type B F3	CMX Gold (GC)	CMX	MMQQZZZG+G+J+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP0SI	Macquarie Single Commodity Silver Pre-roll Type B F0	CMX Silver (SI)	CMX	HHKKNNUUZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP2SI	Macquarie Single Commodity Silver Pre-roll Type B F2	CMX Silver (SI)	CMX	KKNNUUZZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP3SI	Macquarie Single Commodity Silver Pre-roll Type B F3	CMX Silver (SI)	CMX	KNNUUZZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP0LL	Macquarie Single Commodity Lead Pre-roll Type B F0	LME Lead (LL)	LME	GHJKMNQUVXZF+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP2LL	Macquarie Single Commodity Lead Pre-roll Type B F2	LME Lead (LL)	LME	JKMNQUVXZF+G+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP3LL	Macquarie Single Commodity Lead Pre-roll Type B F3	LME Lead (LL)	LME	KMNQUVXZF+G+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP0LX	Macquarie Single Commodity Zinc Pre-roll Type B F0	LME Zinc (LX)	LME	GHJKMNQUVXZF+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP2LX	Macquarie Single Commodity Zinc Pre-roll Type B F2	LME Zinc (LX)	LME	JKMNQUVXZF+G+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP3LX	Macquarie Single Commodity Zinc Pre-roll Type B F3	LME Zinc (LX)	LME	KMNQUVXZF+G+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP0LN	Macquarie Single Commodity Nickel Pre-roll Type B F0	LME Nickel (LN)	LME	GHJKMNQUVXZF+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP2LN	Macquarie Single Commodity Nickel Pre-roll Type B F2	LME Nickel (LN)	LME	JKMNQUVXZF+G+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP3LN	Macquarie Single Commodity Nickel Pre-roll Type B F3	LME Nickel (LN)	LME	KMNQUVXZF+G+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER

MQSCP0LA	Macquarie Single Commodity Aluminium Pre-roll Type B F0	LME Aluminium (LA)	LME	GHJKMNQUVXZF+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP2LA	Macquarie Single Commodity Aluminium Pre-roll Type B F2	LME Aluminium (LA)	LME	JKMNQUVXZF+G+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP3LA	Macquarie Single Commodity Aluminium Pre-roll Type B F3	LME Aluminium (LA)	LME	KMNQUVXZF+G+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP0LP	Macquarie Single Commodity Copper Pre-roll Type B F0	LME Copper (LP)	LME	GHJKMNQUVXZF+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP2LP	Macquarie Single Commodity Copper Pre-roll Type B F2	LME Copper (LP)	LME	JKMNQUVXZF+G+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP3LP	Macquarie Single Commodity Copper Pre-roll Type B F3	LME Copper (LP)	LME	KMNQUVXZF+G+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP0CX	Macquarie Single Commodity Corn Pre-roll Type B F0	CBT Corn (C)	CBT	HHKKNNUUZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP2CX	Macquarie Single Commodity Corn Pre-roll Type B F2	CBT Corn (C)	CBT	KKNNUUZZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP3CX	Macquarie Single Commodity Corn Pre-roll Type B F3	CBT Corn (C)	CBT	KNNUUZZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP0SX	Macquarie Single Commodity Soybeans Pre-roll Type B F0	CBT Soybeans (S)	CBT	HHKKNNXXXXF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP2SX	Macquarie Single Commodity Soybeans Pre-roll Type B F2	CBT Soybeans (S)	CBT	KKNNXXXXF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP3SX	Macquarie Single Commodity Soybeans Pre-roll Type B F3	CBT Soybeans (S)	CBT	KNNXXXXF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP0WX	Macquarie Single Commodity Wheat (Chicago) Pre-roll Type B F0	CBT Wheat (Chicago) (W)	CBT	HHKKNNUUZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER

MQSCP2WX	Macquarie Single Commodity Wheat (Chicago) Pre-roll Type B F2	CBT Wheat (Chicago) (W)	CBT	KKNUUZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP3WX	Macquarie Single Commodity Wheat (Chicago) Pre-roll Type B F3	CBT Wheat (Chicago) (W)	CBT	KNNUUZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP0KW	Macquarie Single Commodity Wheat (Kansas) Pre-roll Type B F0	CBT Wheat (Kansas) (KW)	CBT	HHKKNNUUZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP2KW	Macquarie Single Commodity Wheat (Kansas) Pre-roll Type B F2	CBT Wheat (Kansas) (KW)	CBT	KKNUUZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP3KW	Macquarie Single Commodity Wheat (Kansas) Pre-roll Type B F3	CBT Wheat (Kansas) (KW)	CBT	KNNUUZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP0SB	Macquarie Single Commodity Sugar Pre-roll Type B F0	NYB Sugar (SB)	NYB	HHKKNNVVVH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP2SB	Macquarie Single Commodity Sugar Pre-roll Type B F2	NYB Sugar (SB)	NYB	KKNNVVVH+H+H+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP3SB	Macquarie Single Commodity Sugar Pre-roll Type B F3	NYB Sugar (SB)	NYB	KNNVVVH+H+H+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP0KC	Macquarie Single Commodity Coffee Pre-roll Type B F0	NYB Coffee (KC)	NYB	HHKKNNUUZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP2KC	Macquarie Single Commodity Coffee Pre-roll Type B F2	NYB Coffee (KC)	NYB	KKNUUZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP3KC	Macquarie Single Commodity Coffee Pre-roll Type B F3	NYB Coffee (KC)	NYB	KNNUUZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP0CC	Macquarie Single Commodity Cocoa Pre-roll Type B F0	NYB Cocoa (CC)	NYB	HHKKNNUUZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP2CC	Macquarie Single Commodity Cocoa Pre-roll Type B F2	NYB Cocoa (CC)	NYB	KKNUUZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER

MQSCP3CC	Macquarie Single Commodity Cocoa Pre-roll Type B F3	NYB Cocoa (CC)	NYB	KNNUUZZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP0CT	Macquarie Single Commodity Cotton Pre-roll Type B F0	NYB Cotton (CT)	NYB	HHKKNNZZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP2CT	Macquarie Single Commodity Cotton Pre-roll Type B F2	NYB Cotton (CT)	NYB	KKNNZZZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP3CT	Macquarie Single Commodity Cotton Pre-roll Type B F3	NYB Cotton (CT)	NYB	KNNZZZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP0LH	Macquarie Single Commodity Lean Hogs Pre-roll Type B F0	CME Lean Hogs (LH)	CME	GJJMMNQVVZZG+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP2LH	Macquarie Single Commodity Lean Hogs Pre-roll Type B F2	CME Lean Hogs (LH)	CME	JMMNQVVZZG+G+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP3LH	Macquarie Single Commodity Lean Hogs Pre-roll Type B F3	CME Lean Hogs (LH)	CME	MMNQVVZZG+G+J+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP0LC	Macquarie Single Commodity Live Cattle Pre-roll Type B F0	CME Live Cattle (LC)	CME	GJJMMQQVZZG+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP2LC	Macquarie Single Commodity Live Cattle Pre-roll Type B F2	CME Live Cattle (LC)	CME	JMMQQVZZG+G+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP3LC	Macquarie Single Commodity Live Cattle Pre-roll Type B F3	CME Live Cattle (LC)	CME	MMQQVZZG+G+J+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP0FC	Macquarie Single Commodity Feeder Cattle Pre-roll Type B F0	CME Feeder Cattle (FC)	CME	HHJKQQQUVXF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP2FC	Macquarie Single Commodity Feeder Cattle Pre-roll Type B F2	CME Feeder Cattle (FC)	CME	JKQQQUVXF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCP3FC	Macquarie Single Commodity Feeder Cattle Pre-roll Type B F3	CME Feeder Cattle (FC)	CME	KQQQUVXF+F+H+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER

MQSDP0CL	Macquarie Single Commodity WTI Crude Oil Pre-roll Type A F0	NYM WTI Crude Oil (CL)	NYM	HHKKNNUUXXF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP2CL	Macquarie Single Commodity WTI Crude Oil Pre-roll Type A F2	NYM WTI Crude Oil (CL)	NYM	KKNNUUXXF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP3CL	Macquarie Single Commodity WTI Crude Oil Pre-roll Type A F3	NYM WTI Crude Oil (CL)	NYM	KNNUUXXF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP0CO	Macquarie Single Commodity Brent Crude Oil Pre-roll Type A F0	ICE Brent Crude Oil (CO)	ICE	HKKNNUUXXF+F+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP2CO	Macquarie Single Commodity Brent Crude Oil Pre-roll Type A F2	ICE Brent Crude Oil (CO)	ICE	KNNUUXXF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP3CO	Macquarie Single Commodity Brent Crude Oil Pre-roll Type A F3	ICE Brent Crude Oil (CO)	ICE	NNUUXXF+F+H+H+K+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP0XB	Macquarie Single Commodity Unleaded Gasoline Pre-roll Type A F0	NYM Unleaded Gasoline (XB)	NYM	HHKKNNUUXXF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP2XB	Macquarie Single Commodity Unleaded Gasoline Pre-roll Type A F2	NYM Unleaded Gasoline (XB)	NYM	KKNNUUXXF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP3XB	Macquarie Single Commodity Unleaded Gasoline Pre-roll Type A F3	NYM Unleaded Gasoline (XB)	NYM	KNNUUXXF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP0HO	Macquarie Single Commodity Heating Oil Pre-roll Type A F0	NYM Heating Oil (HO)	NYM	HHKKNNUUXXF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP2HO	Macquarie Single Commodity Heating Oil Pre-roll Type A F2	NYM Heating Oil (HO)	NYM	KKNNUUXXF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP3HO	Macquarie Single Commodity Heating Oil Pre-roll Type A F3	NYM Heating Oil (HO)	NYM	KNNUUXXF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP0NG	Macquarie Single Commodity Natural Gas Pre-roll Type A F0	NYM Natural Gas (NG)	NYM	HHKKNNUUXXF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER

MQSDP2NG	Macquarie Single Commodity Natural Gas Pre-roll Type A F2	NYM Natural Gas (NG)	NYM	KKNNUUXXF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP3NG	Macquarie Single Commodity Natural Gas Pre-roll Type A F3	NYM Natural Gas (NG)	NYM	KNNUUXXF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP0GC	Macquarie Single Commodity Gold Pre-roll Type A F0	CMX Gold (GC)	CMX	GJJMMQQZZZG+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP2GC	Macquarie Single Commodity Gold Pre-roll Type A F2	CMX Gold (GC)	CMX	JMMQQZZZG+G+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP3GC	Macquarie Single Commodity Gold Pre-roll Type A F3	CMX Gold (GC)	CMX	MMQQZZZG+G+J+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP0SI	Macquarie Single Commodity Silver Pre-roll Type A F0	CMX Silver (SI)	CMX	HHKKNNUUZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP2SI	Macquarie Single Commodity Silver Pre-roll Type A F2	CMX Silver (SI)	CMX	KKNNUUZZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP3SI	Macquarie Single Commodity Silver Pre-roll Type A F3	CMX Silver (SI)	CMX	KNNUUZZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP0LX	Macquarie Single Commodity Zinc Pre-roll Type A F0	LME Zinc (LX)	LME	HHKKNNUUXXF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP2LX	Macquarie Single Commodity Zinc Pre-roll Type A F2	LME Zinc (LX)	LME	KKNNUUXXF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP3LX	Macquarie Single Commodity Zinc Pre-roll Type A F3	LME Zinc (LX)	LME	KNNUUXXF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP0LN	Macquarie Single Commodity Nickel Pre-roll Type A F0	LME Nickel (LN)	LME	HHKKNNUUXXF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP2LN	Macquarie Single Commodity Nickel Pre-roll Type A F2	LME Nickel (LN)	LME	KKNNUUXXF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER

MQSDP3LN	Macquarie Single Commodity Nickel Pre-roll Type A F3	LME Nickel (LN)	LME	KNNUUXXF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP0LA	Macquarie Single Commodity Aluminium Pre-roll Type A F0	LME Aluminium (LA)	LME	HHKKNNUUXXF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP2LA	Macquarie Single Commodity Aluminium Pre-roll Type A F2	LME Aluminium (LA)	LME	KKNNUUXXF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP3LA	Macquarie Single Commodity Aluminium Pre-roll Type A F3	LME Aluminium (LA)	LME	KNNUUXXF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP0HG	Macquarie Single Commodity High Grade Copper Pre-roll Type A F0	CMX High Grade Copper (HG)	CMX	HHKKNNUUZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP2HG	Macquarie Single Commodity High Grade Copper Pre-roll Type A F2	CMX High Grade Copper (HG)	CMX	KKNNUUZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP3HG	Macquarie Single Commodity High Grade Copper Pre-roll Type A F3	CMX High Grade Copper (HG)	CMX	KNNUUZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP0CX	Macquarie Single Commodity Corn Pre-roll Type A F0	CBT Corn (C)	CBT	HHKKNNUUZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP2CX	Macquarie Single Commodity Corn Pre-roll Type A F2	CBT Corn (C)	CBT	KKNNUUZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP3CX	Macquarie Single Commodity Corn Pre-roll Type A F3	CBT Corn (C)	CBT	KNNUUZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP0SX	Macquarie Single Commodity Soybeans Pre-roll Type A F0	CBT Soybeans (S)	CBT	HHKKNNXXXF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP2SX	Macquarie Single Commodity Soybeans Pre-roll Type A F2	CBT Soybeans (S)	CBT	KKNNXXXF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP3SX	Macquarie Single Commodity Soybeans Pre-roll Type A F3	CBT Soybeans (S)	CBT	KNNXXXF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER

MQSDP0BO	Macquarie Single Commodity Soybean Oil Pre-roll Type A F0	CBT Soybean Oil (BO)	CBT	HHKKNNZZZF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP2BO	Macquarie Single Commodity Soybean Oil Pre-roll Type A F2	CBT Soybean Oil (BO)	CBT	KKNNZZZF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP3BO	Macquarie Single Commodity Soybean Oil Pre-roll Type A F3	CBT Soybean Oil (BO)	CBT	KNNZZZF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP0SM	Macquarie Single Commodity Soybean Meal Pre-roll Type A F0	CBT Soybean Meal (SM)	CBT	HHKKNNZZZF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP2SM	Macquarie Single Commodity Soybean Meal Pre-roll Type A F2	CBT Soybean Meal (SM)	CBT	KKNNZZZF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP3SM	Macquarie Single Commodity Soybean Meal Pre-roll Type A F3	CBT Soybean Meal (SM)	CBT	KNNZZZF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP0WX	Macquarie Single Commodity Wheat (Chicago) Pre-roll Type A F0	CBT Wheat (Chicago) (W)	CBT	HHKKNNUUZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP2WX	Macquarie Single Commodity Wheat (Chicago) Pre-roll Type A F2	CBT Wheat (Chicago) (W)	CBT	KKNNUUZZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP3WX	Macquarie Single Commodity Wheat (Chicago) Pre-roll Type A F3	CBT Wheat (Chicago) (W)	CBT	KNNUUZZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP0KW	Macquarie Single Commodity Wheat (Kansas) Pre-roll Type A F0	CBT Wheat (Kansas) (KW)	CBT	HHKKNNUUZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP2KW	Macquarie Single Commodity Wheat (Kansas) Pre-roll Type A F2	CBT Wheat (Kansas) (KW)	CBT	KKNNUUZZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP3KW	Macquarie Single Commodity Wheat (Kansas) Pre-roll Type A F3	CBT Wheat (Kansas) (KW)	CBT	KNNUUZZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP0SB	Macquarie Single Commodity Sugar Pre-roll Type A F0	NYB Sugar (SB)	NYB	HHKKNNVVVH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER

MQSDP2SB	Macquarie Single Commodity Sugar Pre-roll Type A F2	NYB Sugar (SB)	NYB	KKNNVVVH+H+H+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP3SB	Macquarie Single Commodity Sugar Pre-roll Type A F3	NYB Sugar (SB)	NYB	KNNVVVH+H+H+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP0KC	Macquarie Single Commodity Coffee Pre-roll Type A F0	NYB Coffee (KC)	NYB	HHKKNNUUZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP2KC	Macquarie Single Commodity Coffee Pre-roll Type A F2	NYB Coffee (KC)	NYB	KKNNUUZZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP3KC	Macquarie Single Commodity Coffee Pre-roll Type A F3	NYB Coffee (KC)	NYB	KNNUUZZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP0CC	Macquarie Single Commodity Cocoa Pre-roll Type A F0	NYB Cocoa (CC)	NYB	HHKKNNUUZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP2CC	Macquarie Single Commodity Cocoa Pre-roll Type A F2	NYB Cocoa (CC)	NYB	KKNNUUZZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP3CC	Macquarie Single Commodity Cocoa Pre-roll Type A F3	NYB Cocoa (CC)	NYB	KNNUUZZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP0CT	Macquarie Single Commodity Cotton Pre-roll Type A F0	NYB Cotton (CT)	NYB	HHKKNNZZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP2CT	Macquarie Single Commodity Cotton Pre-roll Type A F2	NYB Cotton (CT)	NYB	KKNNZZZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP3CT	Macquarie Single Commodity Cotton Pre-roll Type A F3	NYB Cotton (CT)	NYB	KNNZZZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP0LH	Macquarie Single Commodity Lean Hogs Pre-roll Type A F0	CME Lean Hogs (LH)	CME	GJJMMNQ\VVZZG+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP2LH	Macquarie Single Commodity Lean Hogs Pre-roll Type A F2	CME Lean Hogs (LH)	CME	JMMNQ\VVZZG+G+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER

MQSDP3LH	Macquarie Single Commodity Lean Hogs Pre-roll Type A F3	CME Lean Hogs (LH)	CME	MMNQVVZZG+G+J+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP0LC	Macquarie Single Commodity Live Cattle Pre-roll Type A F0	CME Live Cattle (LC)	CME	GJJMMQQVVZZG+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP2LC	Macquarie Single Commodity Live Cattle Pre-roll Type A F2	CME Live Cattle (LC)	CME	JMMQQVVZZG+G+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSDP3LC	Macquarie Single Commodity Live Cattle Pre-roll Type A F3	CME Live Cattle (LC)	CME	MMQQVVZZG+G+J+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQSCNG1E	Macquarie Single Commodity Natural Gas type B 1 month forward	NYM Natural Gas (NG)	NYM	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSYNRB	Macquarie Natural Gas Annual Roll Index Version B	NYM Natural Gas (NG)	NYM	F+F+F+F+F+F+F+F+F+F+F+F+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	ER
MQSYNGRC	Macquarie Natural Gas Annual Roll Index Version C	NYM Natural Gas (NG)	NYM	HHH+H+H+H+H+H+H+H+H+H+H+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	ER
MQSYNGRD	Macquarie Natural Gas Annual Roll Index Version D	NYM Natural Gas (NG)	NYM	MMMMMM+M+M+M+M+M+M+M+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	ER
MQSYNGRE	Macquarie Natural Gas Annual Roll Index Version E	NYM Natural Gas (NG)	NYM	F++F++F++F++F++F++F++F++F++	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	ER
MQSYNGRI	Macquarie Natural Gas Annual Roll Index Version I	NYM Natural Gas (NG)	NYM	F+F+F+F+F+F+F+F+F+F+F+	1	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	ER
MQSCCL1E	Macquarie Single Commodity Crude Oil (WTI) type B 1 month forward	NYM WTI Crude Oil (CL)	NYM	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSYCLRB	Macquarie Crude Oil (WTI) Annual Roll Index Version B	NYM WTI Crude Oil (CL)	NYM	MMMMMM+M+M+M+M+M+M+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	ER
MQSYCLRC	Macquarie Crude Oil (WTI) Annual Roll Index Version C	NYM WTI Crude Oil (CL)	NYM	ZZZZZZZZZZZ+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	ER

MQSYCLRD	Macquarie Crude Oil (WTI) Annual Roll Index Version D	NYM WTI Crude Oil (CL)	NYM	M+M+M+M+M+M++M++M++M++M++M++M++M++	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	ER
MQSYCLRE	Macquarie Crude Oil (WTI) Annual Roll Index Version E	NYM WTI Crude Oil (CL)	NYM	Z+Z+Z+Z+Z+Z+Z+Z+Z+Z+Z+Z+Z++	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	ER
MQSYCLRF	Macquarie Crude Oil (WTI) Annual Roll Index Version F	NYM WTI Crude Oil (CL)	NYM	Z+Z+Z+Z+Z+Z+Z++Z++Z++Z++Z++Z++	5	5	100	04-Jan-00	16-Aug-18	New York Mercantile Exchange	ER
MQSCCO1E	Macquarie Single Commodity Brent Crude Oil type B 1 month forward	ICE Brent Crude Oil (CO)	ICE	JKMNQUVXZF+G+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSYCORB	Macquarie Brent Crude Oil Annual Roll Index Version B	ICE Brent Crude Oil (CO)	ICE	MMMMMM+M+M+M+M+M+M+M+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	ER
MQSYCORG	Macquarie Brent Crude Oil Annual Roll Index Version C	ICE Brent Crude Oil (CO)	ICE	ZZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	ER
MQSYCORD	Macquarie Brent Crude Oil Annual Roll Index Version D	ICE Brent Crude Oil (CO)	ICE	M+M+M+M+M++M++M++M++M++M++M++	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	ER
MQSYCORE	Macquarie Brent Crude Oil Annual Roll Index Version E	ICE Brent Crude Oil (CO)	ICE	Z+Z+Z+Z+Z+Z+Z+Z+Z+Z+Z+Z++Z++	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	ER
MQSYCORF	Macquarie Brent Crude Oil Annual Roll Index Version F	ICE Brent Crude Oil (CO)	ICE	Z+Z+Z+Z+Z+Z++Z++Z++Z++Z++Z++	5	5	100	04-Jan-00	16-Aug-18	New York Mercantile Exchange	ER
MQSCHO1E	Macquarie Single Commodity Heating Oil type B 1 month forward	NYM Heating Oil (HO)	NYM	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCXB1E	Macquarie Single Commodity Unleaded Gasoline type B 1 month forward	NYM Unleaded Gasoline (XB)	NYM	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCQS1E	Macquarie Single Commodity GasOil type B 1 month forward	ICE Gas Oil (QS)	ICE	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCLC1E	Macquarie Single Commodity Live Cattle type B 1 month forward	CME Live Cattle (LC)	CME	JJMMQQVZZG+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER

MQSCLH1E	Macquarie Single Commodity Lean Hogs type B 1 month forward	CME Lean Hogs (LH)	CME	JJMMMNQVVZZG+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCFC1E	Macquarie Single Commodity Feeder Cattle type B 1 month forward	CME Feeder Cattle (FC)	CME	HJKQQQUVXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCW1E	Macquarie Single Commodity Wheat type B 1 month forward	CBT Wheat (Chicago) (W)	CBT	HKKNNUUZZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSYWXRB	Macquarie Wheat Annual Roll Index Version B	CBT Wheat (Chicago) (W)	CBT	ZZZZZZZZZZZZ+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	ER
MQSCKW1E	Macquarie Single Commodity Kansas Wheat type B 1 month forward	CBT Wheat (Kansas) (KW)	CBT	HKKNNUUZZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSYKWRB	Macquarie Kansas Wheat Annual Roll Index Version B	CBT Wheat (Kansas) (KW)	CBT	ZZZZZZZZZZZZ+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	ER
MQSCC1E	Macquarie Single Commodity Corn type B 1 month forward	CBT Corn (C)	CBT	HKKNNUUZZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSYCXRB	Macquarie Corn Annual Roll Index Version B	CBT Corn (C)	CBT	NNNNNNNN+N+N+N+N+N+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	ER
MQSYCXRC	Macquarie Corn Annual Roll Index Version C	CBT Corn (C)	CBT	ZZZZZZZZZZZZ+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	ER
MQSYCXRD	Macquarie Corn Annual Roll Index Version D	CBT Corn (C)	CBT	Z+Z+Z+Z+Z+Z+Z+Z+Z+Z+Z++	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	ER
MQSCS1E	Macquarie Single Commodity Soybeans type B 1 month forward	CBT Soybeans (S)	CBT	HKKNNXXXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSYSXRA	Macquarie Soybeans Annual Roll Index Version A	CBT Soybeans (S)	CBT	NNNNNNNN+N+N+N+N+N+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER
MQSYSXRB	Macquarie Soybeans Annual Roll Index Version B	CBT Soybeans (S)	CBT	XXXXXXXXXXXX+X+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	ER

MQSDSM1E	Macquarie Single Commodity Soybean Meal type A 1 month forward	CBT Soybean Meal (SM)	CBT	HKKNNZZZF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDBO1E	Macquarie Single Commodity Soybean Oil type A 1 month forward	CBT Soybean Oil (BO)	CBT	HKKNNZZZF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCKC1E	Macquarie Single Commodity Coffee type B 1 month forward	NYB Coffee (KC)	NYB	HKKNNUUZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSYKCRB	Macquarie Coffee Annual Roll Index Version B	NYB Coffee (KC)	NYB	KKKKK+K+K+K+K+K+K+K+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	ER
MQSCCT1E	Macquarie Single Commodity Cotton type B 1 month forward	NYB Cotton (CT)	NYB	HKKNNZZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSYCTRB	Macquarie Cotton Annual Roll Index Version B	NYB Cotton (CT)	NYB	HHH+H+H+H+H+H+H+H+H+H+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	ER
MQSCSB1E	Macquarie Single Commodity Sugar type B 1 month forward	NYB Sugar (SB)	NYB	HKKNNVVVH+H+H+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSYSBRA	Macquarie Sugar Annual Roll Index Version A	NYB Sugar (SB)	NYB	HHH+H+H+H+H+H+H+H+H+H+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER
MQSCCC1E	Macquarie Single Commodity Cocoa type B 1 month forward	NYB Cocoa (CC)	NYB	HKKNNUUZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCLA1E	Macquarie Single Commodity Aluminium type B 1 month forward	LME Aluminium (LA)	LME	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCLAGE	Macquarie Single Commodity Aluminium type B 6 month forward	LME Aluminium (LA)	LME	QUVXZF+G+H+J+K+M+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCLP1E	Macquarie Single Commodity Copper type B 1 month forward	LME Copper (LP)	LME	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCLP6E	Macquarie Single Commodity Copper type B 6 month forward	LME Copper (LP)	LME	QUVXZF+G+H+J+K+M+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER

MQSCHG1E	Macquarie Single Commodity Copper (COMEX) type B 1 month forward	CMX High Grade Copper (HG)	CMX	HKKNNUUZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCHG6E	Macquarie Single Commodity Copper (COMEX) type B 6 month forward	CMX High Grade Copper (HG)	CMX	UUZZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCLX1E	Macquarie Single Commodity Zinc type B 1 month forward	LME Zinc (LX)	LME	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCLX6E	Macquarie Single Commodity Zinc type B 6 month forward	LME Zinc (LX)	LME	QUVXZF+G+H+J+K+M+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCLN1E	Macquarie Single Commodity Nickel type B 1 month forward	LME Nickel (LN)	LME	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCLN6E	Macquarie Single Commodity Nickel type B 6 month forward	LME Nickel (LN)	LME	QUVXZF+G+H+J+K+M+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCLL1E	Macquarie Single Commodity Lead type B 1 month forward	LME Lead (LL)	LME	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCLL6E	Macquarie Single Commodity Lead type B 6 month forward	LME Lead (LL)	LME	QUVXZF+G+H+J+K+M+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCGC1E	Macquarie Single Commodity Gold type B 1 month forward	CMX Gold (GC)	CMX	JJMMQQZZZG+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQCSI1E	Macquarie Single Commodity Silver type B 1 month forward	CMX Silver (SI)	CMX	HKKNNUUZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCPAER	Macquarie Single Commodity Palladium type B	NYM Palladium (PA)	NYM	HHMMMUUZZH+	5	5	100	06-Feb-04	23-Aug-17	New York Mercantile Exchange	ER
MQSYBORA	Macquarie Soybean Oil Annual Roll Index Version A	CBT Soybean Oil (BO)	CBT	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER
MQSYCCRA	Macquarie Cocoa Annual Roll Index Version A	NYB Cocoa (CC)	NYB	UUZZZH+H+H+K+K+N+N+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER

MQSYCLRA	Macquarie WTI Crude Oil Annual Roll Index Version A	NYM WTI Crude Oil (CL)	NYM	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER
MQSYCORA	Macquarie Brent Crude Oil Annual Roll Index Version A	ICE Brent Crude Oil (CO)	ICE	ZZZZZZZZZZ+Z+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER
MQSYCTRA	Macquarie Cotton Annual Roll Index Version A	NYB Cotton (CT)	NYB	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER
MQSYCXRA	Macquarie Corn Annual Roll Index Version A	CBT Corn (C)	CBT	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER
MQSYFCRA	Macquarie Feeder Cattle Annual Roll Index Version A	CME Feeder Cattle (FC)	CME	QQUVXF+F+H+H+J+K+Q+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER
MQSYGORA	Macquarie Gas Oil Annual Roll Index Version A	ICE Gas Oil (QS)	ICE	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER
MQSYGORB	Macquarie Gas Oil Annual Roll Index Version B	ICE Gas Oil (QS)	ICE	ZZZZZZ+Z+Z+Z+Z+Z+	5	5	100	04-Jan-00	16-Aug-18	New York Mercantile Exchange	ER
MQSYHGRA	Macquarie High Grade Copper Annual Roll Index Version A	CMX High Grade Copper (HG)	CMX	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER
MQSYHGRB	Macquarie High Grade Copper Annual Roll Index Version B	CMX High Grade Copper (HG)	CMX	ZZZZZZ+Z+Z+Z+Z+Z+	5	5	100	04-Jan-00	16-Aug-18	New York Mercantile Exchange	ER
MQSYHORA	Macquarie Heating Oil Annual Roll Index Version A	NYM Heating Oil (HO)	NYM	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER
MQSYHORB	Macquarie Heating Oil Annual Roll Index Version B	NYM Heating Oil (HO)	NYM	ZZZZZZ+Z+Z+Z+Z+Z+	5	5	100	04-Jan-00	16-Aug-18	New York Mercantile Exchange	ER
MQSYKCRA	Macquarie Coffee Annual Roll Index Version A	NYB Coffee (KC)	NYB	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER
MQSYKWRA	Macquarie Wheat (Kansas) Annual Roll Index Version A	CBT Wheat (Kansas) (KW)	CBT	UUZZZH+H+H+K+K+N+N+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER

MQSYLARA	Macquarie Aluminium Annual Roll Index Version A	LME Aluminium (LA)	LME	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER
MQSYLARB	Macquarie Aluminium Annual Roll Index Version B	LME Aluminium (LA)	LME	ZZZZZZZ+Z+Z+Z+Z+Z+	5	5	100	04-Jan-00	16-Aug-18	New York Mercantile Exchange	ER
MQSYLCRA	Macquarie Live Cattle Annual Roll Index Version A	CME Live Cattle (LC)	CME	QVVZZG+G+J+J+M+M+Q+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER
MQSYLHRA	Macquarie Lean Hogs Annual Roll Index Version A	CME Lean Hogs (LH)	CME	QVVZZG+G+J+J+M+M+N+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER
MQSYLLRA	Macquarie Lead Annual Roll Index Version A	LME Lead (LL)	LME	QUVXZF+G+H+J+K+M+N+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER
MQSYLNRA	Macquarie Nickel Annual Roll Index Version A	LME Nickel (LN)	LME	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER
MQSYLNRB	Macquarie Nickel Annual Roll Index Version B	LME Nickel (LN)	LME	ZZZZZZZ+Z+Z+Z+Z+Z+	5	5	100	04-Jan-00	16-Aug-18	New York Mercantile Exchange	ER
MQSYLPRA	Macquarie Copper Annual Roll Index Version A	LME Copper (LP)	LME	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER
MQSYLPB	Macquarie Copper Annual Roll Index Version B	LME Copper (LP)	LME	ZZZZZZZ+Z+Z+Z+Z+Z+	5	5	100	04-Jan-00	16-Aug-18	New York Mercantile Exchange	ER
MQSYLXRA	Macquarie Zinc Annual Roll Index Version A	LME Zinc (LX)	LME	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER
MQSYLXRB	Macquarie Zinc Annual Roll Index Version B	LME Zinc (LX)	LME	ZZZZZZZ+Z+Z+Z+Z+Z+	5	5	100	04-Jan-00	16-Aug-18	New York Mercantile Exchange	ER
MQSYNGRA	Macquarie Natural Gas Annual Roll Index Version A	NYM Natural Gas (NG)	NYM	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER
MQSYSMRA	Macquarie Soybean Meal Annual Roll Index Version A	CBT Soybean Meal (SM)	CBT	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER

MQSYWXRA	Macquarie Wheat (Chicago) Annual Roll Index Version A	CBT Wheat (Chicago) (W)	CBT	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER
MQSYXBRA	Macquarie Unleaded Gasoline Annual Roll Index Version A	NYM Unleaded Gasoline (XB)	NYM	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	ER
MQSYXBRB	Macquarie Unleaded Gasoline Annual Roll Index Version B	NYM Unleaded Gasoline (XB)	NYM	ZZZZZZ+Z+Z+Z+Z+	5	5	100	02-Jan-07	16-Aug-18	New York Mercantile Exchange	ER
MQSDDFER	Macquarie Single Commodity Robusta Coffee type A ER Index	ICE Robusta Coffee (DF)	ICE	HHKKNNUUXXF+F+	5	5	100	14-Nov-08	18-Nov-17	New York Mercantile Exchange	ER
MQSDDFTR	Macquarie Single Commodity Robusta Coffee type A TR Index	ICE Robusta Coffee (DF)	ICE	HHKKNNUUXXF+F+	5	5	100	14-Nov-08	18-Nov-17	New York Mercantile Exchange	TR
MQSDDF1E	Macquarie Single Commodity Robusta Coffee type A 1 month forward ER Index	ICE Robusta Coffee (DF)	ICE	HKKNNUUXXF+F+H+	5	5	100	14-Nov-08	18-Nov-17	New York Mercantile Exchange	ER
MQSDDF1T	Macquarie Single Commodity Robusta Coffee type A 1 month forward TR Index	ICE Robusta Coffee (DF)	ICE	HKKNNUUXXF+F+H+	5	5	100	14-Nov-08	18-Nov-17	New York Mercantile Exchange	TR
MQSDDF3E	Macquarie Single Commodity Robusta Coffee type A 3 month forward ER Index	ICE Robusta Coffee (DF)	ICE	KNNUUXXF+F+H+H+K+	5	5	100	14-Nov-08	18-Nov-17	New York Mercantile Exchange	ER
MQSDDF3T	Macquarie Single Commodity Robusta Coffee type A 3 month forward TR Index	ICE Robusta Coffee (DF)	ICE	KNNUUXXF+F+H+H+K+	5	5	100	14-Nov-08	18-Nov-17	New York Mercantile Exchange	TR
MQSDDF6E	Macquarie Single Commodity Robusta Coffee type A 6 month forward ER Index	ICE Robusta Coffee (DF)	ICE	UUXXF+F+H+H+K+K+N+N	5	5	100	14-Nov-08	18-Nov-17	New York Mercantile Exchange	ER
MQSDDF6T	Macquarie Single Commodity Robusta Coffee type A 6 month forward TR Index	ICE Robusta Coffee (DF)	ICE	UUXXF+F+H+H+K+K+N+N	5	5	100	14-Nov-08	18-Nov-17	New York Mercantile Exchange	TR
MQSDMWER	Macquarie Single Commodity Minneapolis Wheat type A ER Index	MGE Wheat (Minneapolis) (MW)	MGE	HHKKNNUUZZZH+	5	5	100	04-Jun-04	18-Nov-17	New York Mercantile Exchange	ER
MQSDMWTR	Macquarie Single Commodity Minneapolis Wheat type A TR Index	MGE Wheat (Minneapolis) (MW)	MGE	HHKKNNUUZZZH+	5	5	100	04-Jun-04	18-Nov-17	New York Mercantile Exchange	TR

MQSDMW1E	Macquarie Single Commodity Minneapolis Wheat type A 1 month forward ER Index	MGE Wheat (Minneapolis) (MW)	MGE	HKKNNUUZZH+H+	5	5	100	04-Jun-04	18-Nov-17	New York Mercantile Exchange	ER
MQSDMW1T	Macquarie Single Commodity Minneapolis Wheat type A 1 month forward TR Index	MGE Wheat (Minneapolis) (MW)	MGE	HKKNNUUZZH+H+	5	5	100	04-Jun-04	18-Nov-17	New York Mercantile Exchange	TR
MQSDMW3E	Macquarie Single Commodity Minneapolis Wheat type A 3 month forward ER Index	MGE Wheat (Minneapolis) (MW)	MGE	KNNUUZZH+H+H+K+	5	5	100	04-Jun-04	18-Nov-17	New York Mercantile Exchange	ER
MQSDMW3T	Macquarie Single Commodity Minneapolis Wheat type A 3 month forward TR Index	MGE Wheat (Minneapolis) (MW)	MGE	KNNUUZZH+H+H+K+	5	5	100	04-Jun-04	18-Nov-17	New York Mercantile Exchange	TR
MQSDMW6E	Macquarie Single Commodity Minneapolis Wheat type A 6 month forward ER Index	MGE Wheat (Minneapolis) (MW)	MGE	UUZZH+H+H+K+K+N+N+	5	5	100	04-Jun-04	18-Nov-17	New York Mercantile Exchange	ER
MQSDMW6T	Macquarie Single Commodity Minneapolis Wheat type A 6 month forward TR Index	MGE Wheat (Minneapolis) (MW)	MGE	UUZZH+H+H+K+K+N+N+	5	5	100	04-Jun-04	18-Nov-17	New York Mercantile Exchange	TR
MQSDBO1T	Macquarie Single Commodity Soybean Oil type A 1 month forward TR Index	CBT Soybean Oil (BO)	CBT	HKKNNZZZF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDBO6E	Macquarie Single Commodity Soybean Oil type A 6 month forward ER Index	CBT Soybean Oil (BO)	CBT	ZZZZF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDBO6T	Macquarie Single Commodity Soybean Oil type A 6 month forward TR Index	CBT Soybean Oil (BO)	CBT	ZZZZF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDC1E	Macquarie Single Commodity Corn type A 1 month forward ER Index	CBT Corn (C)	CBT	HKKNNUUZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDC1T	Macquarie Single Commodity Corn type A 1 month forward TR Index	CBT Corn (C)	CBT	HKKNNUUZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDC6E	Macquarie Single Commodity Corn type A 6 month forward ER Index	CBT Corn (C)	CBT	UUZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDC6T	Macquarie Single Commodity Corn type A 6 month forward TR Index	CBT Corn (C)	CBT	UUZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR

MQSDCC1E	Macquarie Single Commodity Cocoa type A 1 month forward ER Index	NYB Cocoa (CC)	NYB	HKKNNUUZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDCC1T	Macquarie Single Commodity Cocoa type A 1 month forward TR Index	NYB Cocoa (CC)	NYB	HKKNNUUZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDCC6E	Macquarie Single Commodity Cocoa type A 6 month forward ER Index	NYB Cocoa (CC)	NYB	UUZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDCC6T	Macquarie Single Commodity Cocoa type A 6 month forward TR Index	NYB Cocoa (CC)	NYB	UUZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDCL1E	Macquarie Single Commodity WTI Crude Oil type A 1 month forward ER Index	NYM WTI Crude Oil (CL)	NYM	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDCL1T	Macquarie Single Commodity WTI Crude Oil type A 1 month forward TR Index	NYM WTI Crude Oil (CL)	NYM	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDCL6E	Macquarie Single Commodity WTI Crude Oil type A 6 month forward ER Index	NYM WTI Crude Oil (CL)	NYM	UUXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDCL6T	Macquarie Single Commodity WTI Crude Oil type A 6 month forward TR Index	NYM WTI Crude Oil (CL)	NYM	UUXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDCO1E	Macquarie Single Commodity Brent Crude Oil type A 1 month forward ER Index	ICE Brent Crude Oil (CO)	ICE	KKNNUUXXF+F+H+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDCO1T	Macquarie Single Commodity Brent Crude Oil type A 1 month forward TR Index	ICE Brent Crude Oil (CO)	ICE	KKNNUUXXF+F+H+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDCO6E	Macquarie Single Commodity Brent Crude Oil type A 6 month forward ER Index	ICE Brent Crude Oil (CO)	ICE	UXXF+F+H+H+K+K+N+N+U+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDCO6T	Macquarie Single Commodity Brent Crude Oil type A 6 month forward TR Index	ICE Brent Crude Oil (CO)	ICE	UXXF+F+H+H+K+K+N+N+U+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDCT1E	Macquarie Single Commodity Cotton type A 1 month forward ER Index	NYB Cotton (CT)	NYB	HKKNNZZZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER

MQSDCT1T	Macquarie Single Commodity Cotton type A 1 month forward TR Index	NYB Cotton (CT)	NYB	HKKNNZZZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDCT6E	Macquarie Single Commodity Cotton type A 6 month forward ER Index	NYB Cotton (CT)	NYB	ZZZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDCT6T	Macquarie Single Commodity Cotton type A 6 month forward TR Index	NYB Cotton (CT)	NYB	ZZZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDFC1E	Macquarie Single Commodity Feeder Cattle type A 1 month forward ER Index	CME Feeder Cattle (FC)	CME	HKKQQQVVVF+F+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDFC1T	Macquarie Single Commodity Feeder Cattle type A 1 month forward TR Index	CME Feeder Cattle (FC)	CME	HKKQQQVVVF+F+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDGC1E	Macquarie Single Commodity Gold type A 1 month forward ER Index	CMX Gold (GC)	CMX	JJMMQQZGG+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDGC1T	Macquarie Single Commodity Gold type A 1 month forward TR Index	CMX Gold (GC)	CMX	JJMMQQZGG+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDGC6E	Macquarie Single Commodity Gold type A 6 month forward ER Index	CMX Gold (GC)	CMX	QZZZG+G+J+J+M+M+Q+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDGC6T	Macquarie Single Commodity Gold type A 6 month forward TR Index	CMX Gold (GC)	CMX	QZZZG+G+J+J+M+M+Q+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDHG1E	Macquarie Single Commodity High Grade Copper type A 1 month forward ER Index	CMX High Grade Copper (HG)	CMX	HKKNNUUZZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDHG1T	Macquarie Single Commodity High Grade Copper type A 1 month forward TR Index	CMX High Grade Copper (HG)	CMX	HKKNNUUZZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDHG6E	Macquarie Single Commodity High Grade Copper type A 6 month forward ER Index	CMX High Grade Copper (HG)	CMX	UUZZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDHG6T	Macquarie Single Commodity High Grade Copper type A 6 month forward TR Index	CMX High Grade Copper (HG)	CMX	UUZZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR

MQSDHO1E	Macquarie Single Commodity Heating Oil type A 1 month forward ER Index	NYM Heating Oil (HO)	NYM	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDHO1T	Macquarie Single Commodity Heating Oil type A 1 month forward TR Index	NYM Heating Oil (HO)	NYM	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDHO6E	Macquarie Single Commodity Heating Oil type A 6 month forward ER Index	NYM Heating Oil (HO)	NYM	UUXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDHO6T	Macquarie Single Commodity Heating Oil type A 6 month forward TR Index	NYM Heating Oil (HO)	NYM	UUXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDJO1E	Macquarie Single Commodity Orange Juice type A 1 month forward ER Index	NYB Orange Juice (JO)	NYB	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDJO1T	Macquarie Single Commodity Orange Juice type A 1 month forward TR Index	NYB Orange Juice (JO)	NYB	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDJO6E	Macquarie Single Commodity Orange Juice type A 6 month forward ER Index	NYB Orange Juice (JO)	NYB	UUXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDJO6T	Macquarie Single Commodity Orange Juice type A 6 month forward TR Index	NYB Orange Juice (JO)	NYB	UUXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDKC1E	Macquarie Single Commodity Coffee type A 1 month forward ER Index	NYB Coffee (KC)	NYB	HKKNNUUZZZHH+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDKC1T	Macquarie Single Commodity Coffee type A 1 month forward TR Index	NYB Coffee (KC)	NYB	HKKNNUUZZZHH+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDKC6E	Macquarie Single Commodity Coffee type A 6 month forward ER Index	NYB Coffee (KC)	NYB	UUZZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDKC6T	Macquarie Single Commodity Coffee type A 6 month forward TR Index	NYB Coffee (KC)	NYB	UUZZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDKW1E	Macquarie Single Commodity Wheat (Kansas) type A 1 month forward ER Index	CBT Wheat (Kansas) (KW)	CBT	HKKNNUUZZZHH+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER

MQSDKW1T	Macquarie Single Commodity Wheat (Kansas) type A 1 month forward TR Index	CBT Wheat (Kansas) (KW)	CBT	HKKNNUUZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDKW6E	Macquarie Single Commodity Wheat (Kansas) type A 6 month forward ER Index	CBT Wheat (Kansas) (KW)	CBT	UUZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDKW6T	Macquarie Single Commodity Wheat (Kansas) type A 6 month forward TR Index	CBT Wheat (Kansas) (KW)	CBT	UUZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDLA1E	Macquarie Single Commodity Aluminium type A 1 month forward ER Index	LME Aluminium (LA)	LME	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDLA1T	Macquarie Single Commodity Aluminium type A 1 month forward TR Index	LME Aluminium (LA)	LME	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDLA6E	Macquarie Single Commodity Aluminium type A 6 month forward ER Index	LME Aluminium (LA)	LME	UUXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDLA6T	Macquarie Single Commodity Aluminium type A 6 month forward TR Index	LME Aluminium (LA)	LME	UUXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDLC1E	Macquarie Single Commodity Live Cattle type A 1 month forward ER Index	CME Live Cattle (LC)	CME	JJMMQQVVZZG+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDLC1T	Macquarie Single Commodity Live Cattle type A 1 month forward TR Index	CME Live Cattle (LC)	CME	JJMMQQVVZZG+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDLC6E	Macquarie Single Commodity Live Cattle type A 6 month forward ER Index	CME Live Cattle (LC)	CME	QQVVZZG+G+J+J+M+M+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDLC6T	Macquarie Single Commodity Live Cattle type A 6 month forward TR Index	CME Live Cattle (LC)	CME	QQVVZZG+G+J+J+M+M+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDLH1E	Macquarie Single Commodity Lean Hogs type A 1 month forward ER Index	CME Lean Hogs (LH)	CME	JJMMNQQVVZZG+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDLH1T	Macquarie Single Commodity Lean Hogs type A 1 month forward TR Index	CME Lean Hogs (LH)	CME	JJMMNQQVVZZG+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR

MQSDLH6E	Macquarie Single Commodity Lean Hogs type A 6 month forward ER Index	CME Lean Hogs (LH)	CME	NQVVZZG+G+J+J+M+M+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDLH6T	Macquarie Single Commodity Lean Hogs type A 6 month forward TR Index	CME Lean Hogs (LH)	CME	NQVVZZG+G+J+J+M+M+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDLL1E	Macquarie Single Commodity Lead type A 1 month forward ER Index	LME Lead (LL)	LME	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDLL1T	Macquarie Single Commodity Lead type A 1 month forward TR Index	LME Lead (LL)	LME	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDLL6E	Macquarie Single Commodity Lead type A 6 month forward ER Index	LME Lead (LL)	LME	UUXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDLL6T	Macquarie Single Commodity Lead type A 6 month forward TR Index	LME Lead (LL)	LME	UUXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDLN1E	Macquarie Single Commodity Nickel type A 1 month forward ER Index	LME Nickel (LN)	LME	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDLN1T	Macquarie Single Commodity Nickel type A 1 month forward TR Index	LME Nickel (LN)	LME	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDLN6E	Macquarie Single Commodity Nickel type A 6 month forward ER Index	LME Nickel (LN)	LME	UUXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDLN6T	Macquarie Single Commodity Nickel type A 6 month forward TR Index	LME Nickel (LN)	LME	UUXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDLT1E	Macquarie Single Commodity Tin type A 1 month forward ER Index	LME Tin (LT)	LME	HKKNNUUXXF+F+H+	5	5	100	03-Jan-06	17-Aug-17	New York Mercantile Exchange	ER
MQSDLT1T	Macquarie Single Commodity Tin type A 1 month forward TR Index	LME Tin (LT)	LME	HKKNNUUXXF+F+H+	5	5	100	03-Jan-06	17-Aug-17	New York Mercantile Exchange	TR
MQSDLT6E	Macquarie Single Commodity Tin type A 6 month forward ER Index	LME Tin (LT)	LME	UUXXF+F+H+H+K+K+N+N+	5	5	100	03-Jan-06	17-Aug-17	New York Mercantile Exchange	ER

MQSDLT6T	Macquarie Single Commodity Tin type A 6 month forward TR Index	LME Tin (LT)	LME	UUXXF+F+H+H+K+K+N+N+	5	5	100	03-Jan-06	17-Aug-17	New York Mercantile Exchange	TR
MQSDLX1E	Macquarie Single Commodity Zinc type A 1 month forward ER Index	LME Zinc (LX)	LME	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDLX1T	Macquarie Single Commodity Zinc type A 1 month forward TR Index	LME Zinc (LX)	LME	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDLX6E	Macquarie Single Commodity Zinc type A 6 month forward ER Index	LME Zinc (LX)	LME	UUXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDLX6T	Macquarie Single Commodity Zinc type A 6 month forward TR Index	LME Zinc (LX)	LME	UUXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDNG1E	Macquarie Single Commodity Natural Gas type A 1 month forward ER Index	NYM Natural Gas (NG)	NYM	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDNG1T	Macquarie Single Commodity Natural Gas type A 1 month forward TR Index	NYM Natural Gas (NG)	NYM	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDNG3T	Macquarie Single Commodity Natural Gas type A 3 month forward TR Index	NYM Natural Gas (NG)	NYM	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	TR
MQSDNG6E	Macquarie Single Commodity Natural Gas type A 6 month forward ER Index	NYM Natural Gas (NG)	NYM	UUXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDNG6T	Macquarie Single Commodity Natural Gas type A 6 month forward TR Index	NYM Natural Gas (NG)	NYM	UUXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDPAER	Macquarie Single Commodity Palladium type A ER Index	NYM Palladium (PA)	NYM	HHMMMUUZZZH+	5	5	100	06-Feb-04	23-Aug-17	New York Mercantile Exchange	ER
MQSDPATR	Macquarie Single Commodity Palladium type A TR Index	NYM Palladium (PA)	NYM	HHMMMUUZZZH+	5	5	100	06-Feb-04	23-Aug-17	New York Mercantile Exchange	TR
MQSDPL1E	Macquarie Single Commodity Platinum type A 1 month forward ER Index	NYM Platinum (PL)	NYM	JJNNNVVVF+F+F+J+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER

MQSDPL1T	Macquarie Single Commodity Platinum type A 1 month forward TR Index	NYM Platinum (PL)	NYM	JJNNNNVVVF+F+F+J+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDQS1E	Macquarie Single Commodity Gas Oil type A 1 month forward ER Index	ICE Gas Oil (QS)	ICE	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDQS1T	Macquarie Single Commodity Gas Oil type A 1 month forward TR Index	ICE Gas Oil (QS)	ICE	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDQS6E	Macquarie Single Commodity Gas Oil type A 6 month forward ER Index	ICE Gas Oil (QS)	ICE	UUXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDQS6T	Macquarie Single Commodity Gas Oil type A 6 month forward TR Index	ICE Gas Oil (QS)	ICE	UUXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDS1E	Macquarie Single Commodity Soybeans type A 1 month forward ER Index	CBT Soybeans (S)	CBT	HKKNNXXXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDS1T	Macquarie Single Commodity Soybeans type A 1 month forward TR Index	CBT Soybeans (S)	CBT	HKKNNXXXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDS6E	Macquarie Single Commodity Soybeans type A 6 month forward ER Index	CBT Soybeans (S)	CBT	XXXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDS6T	Macquarie Single Commodity Soybeans type A 6 month forward TR Index	CBT Soybeans (S)	CBT	XXXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDSB1E	Macquarie Single Commodity Sugar type A 1 month forward ER Index	NYB Sugar (SB)	NYB	HKKNNVVVH+H+H+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDSB1T	Macquarie Single Commodity Sugar type A 1 month forward TR Index	NYB Sugar (SB)	NYB	HKKNNVVVH+H+H+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDSB6E	Macquarie Single Commodity Sugar type A 6 month forward ER Index	NYB Sugar (SB)	NYB	VVVH+H+H+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDSB6T	Macquarie Single Commodity Sugar type A 6 month forward TR Index	NYB Sugar (SB)	NYB	VVVH+H+H+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR

MQSDSI1E	Macquarie Single Commodity Silver type A 1 month forward ER Index	CMX Silver (SI)	CMX	HKKNNUUZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDSI1T	Macquarie Single Commodity Silver type A 1 month forward TR Index	CMX Silver (SI)	CMX	HKKNNUUZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDSI6E	Macquarie Single Commodity Silver type A 6 month forward ER Index	CMX Silver (SI)	CMX	UUZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDSI6T	Macquarie Single Commodity Silver type A 6 month forward TR Index	CMX Silver (SI)	CMX	UUZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDSM1T	Macquarie Single Commodity Soybean Meal type A 1 month forward TR Index	CBT Soybean Meal (SM)	CBT	HKKNNZZZF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDSM6E	Macquarie Single Commodity Soybean Meal type A 6 month forward ER Index	CBT Soybean Meal (SM)	CBT	ZZZF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDSM6T	Macquarie Single Commodity Soybean Meal type A 6 month forward TR Index	CBT Soybean Meal (SM)	CBT	ZZZF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDW1E	Macquarie Single Commodity Wheat (Chicago) type A 1 month forward ER Index	CBT Wheat (Chicago) (W)	CBT	HKKNNUUZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDW1T	Macquarie Single Commodity Wheat (Chicago) type A 1 month forward TR Index	CBT Wheat (Chicago) (W)	CBT	HKKNNUUZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDW6E	Macquarie Single Commodity Wheat (Chicago) type A 6 month forward ER Index	CBT Wheat (Chicago) (W)	CBT	UUZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDW6T	Macquarie Single Commodity Wheat (Chicago) type A 6 month forward TR Index	CBT Wheat (Chicago) (W)	CBT	UUZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSDXB1E	Macquarie Single Commodity Unleaded Gasoline type A 1 month forward ER Index	NYM Unleaded Gasoline (XB)	NYM	HKKNNUXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDXB1T	Macquarie Single Commodity Unleaded Gasoline type A 1 month forward TR Index	NYM Unleaded Gasoline (XB)	NYM	HKKNNUXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR

MQSDXB6E	Macquarie Single Commodity Unleaded Gasoline type A 6 month forward ER Index	NYM Unleaded Gasoline (XB)	NYM	NUUXXF+F+H+H+K+K+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSDXB6T	Macquarie Single Commodity Unleaded Gasoline type A 6 month forward TR Index	NYM Unleaded Gasoline (XB)	NYM	NUUXXF+F+H+H+K+K+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCBO1E	Macquarie Single Commodity Soybean Oil type B 1 month forward ER Index	CBT Soybean Oil (BO)	CBT	HKKNNZZZZF+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCBO1T	Macquarie Single Commodity Soybean Oil type B 1 month forward TR Index	CBT Soybean Oil (BO)	CBT	HKKNNZZZZF+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCBO6E	Macquarie Single Commodity Soybean Oil type B 6 month forward ER Index	CBT Soybean Oil (BO)	CBT	ZZZZF+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCBO6T	Macquarie Single Commodity Soybean Oil type B 6 month forward TR Index	CBT Soybean Oil (BO)	CBT	ZZZZF+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCC1T	Macquarie Single Commodity Corn type B 1 month forward TR Index	CBT Corn (C)	CBT	HKKNNUUZZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCC6E	Macquarie Single Commodity Corn type B 6 month forward ER Index	CBT Corn (C)	CBT	UUZZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCC6T	Macquarie Single Commodity Corn type B 6 month forward TR Index	CBT Corn (C)	CBT	UUZZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCCC1T	Macquarie Single Commodity Cocoa type B 1 month forward TR Index	NYB Cocoa (CC)	NYB	HKKNNUUZZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCCC6E	Macquarie Single Commodity Cocoa type B 6 month forward ER Index	NYB Cocoa (CC)	NYB	UUZZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCCC6T	Macquarie Single Commodity Cocoa type B 6 month forward TR Index	NYB Cocoa (CC)	NYB	UUZZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCCL1T	Macquarie Single Commodity WTI Crude Oil type B 1 month forward TR Index	NYM WTI Crude Oil (CL)	NYM	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR

MQSCCL6E	Macquarie Single Commodity WTI Crude Oil type B 6 month forward ER Index	NYM WTI Crude Oil (CL)	NYM	QUVXZF+G+H+J+K+M+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCCL6T	Macquarie Single Commodity WTI Crude Oil type B 6 month forward TR Index	NYM WTI Crude Oil (CL)	NYM	QUVXZF+G+H+J+K+M+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCCO1T	Macquarie Single Commodity Brent Crude Oil type B 1 month forward TR Index	ICE Brent Crude Oil (CO)	ICE	JKMNQUVXF+G+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCCO6E	Macquarie Single Commodity Brent Crude Oil type B 6 month forward ER Index	ICE Brent Crude Oil (CO)	ICE	UVXZF+G+H+J+K+M+N+Q+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCCO6T	Macquarie Single Commodity Brent Crude Oil type B 6 month forward TR Index	ICE Brent Crude Oil (CO)	ICE	UVXZF+G+H+J+K+M+N+Q+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCCT1T	Macquarie Single Commodity Cotton type B 1 month forward TR Index	NYB Cotton (CT)	NYB	HKKNNZZZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCCT6E	Macquarie Single Commodity Cotton type B 6 month forward ER Index	NYB Cotton (CT)	NYB	ZZZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCCT6T	Macquarie Single Commodity Cotton type B 6 month forward TR Index	NYB Cotton (CT)	NYB	ZZZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCFC1T	Macquarie Single Commodity Feeder Cattle type B 1 month forward TR Index	CME Feeder Cattle (FC)	CME	HJKQQQUVXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCGC1T	Macquarie Single Commodity Gold type B 1 month forward TR Index	CMX Gold (GC)	CMX	JJMMQQZZZG+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCGC6E	Macquarie Single Commodity Gold type B 6 month forward ER Index	CMX Gold (GC)	CMX	QZZZG+G+J+J+M+M+Q+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCGC6T	Macquarie Single Commodity Gold type B 6 month forward TR Index	CMX Gold (GC)	CMX	QZZZG+G+J+J+M+M+Q+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCHG1T	Macquarie Single Commodity High Grade Copper type B 1 month forward TR Index	CMX High Grade Copper (HG)	CMX	HKKNUUZZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR

MQSCHG6T	Macquarie Single Commodity High Grade Copper type B 6 month forward TR Index	CMX High Grade Copper (HG)	CMX	UUZZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCHO1T	Macquarie Single Commodity Heating Oil type B 1 month forward TR Index	NYM Heating Oil (HO)	NYM	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCHO6E	Macquarie Single Commodity Heating Oil type B 6 month forward ER Index	NYM Heating Oil (HO)	NYM	QUVXZF+G+H+J+K+M+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCHO6T	Macquarie Single Commodity Heating Oil type B 6 month forward TR Index	NYM Heating Oil (HO)	NYM	QUVXZF+G+H+J+K+M+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCJO1E	Macquarie Single Commodity Orange Juice type B 1 month forward ER Index	NYB Orange Juice (JO)	NYB	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCJO1T	Macquarie Single Commodity Orange Juice type B 1 month forward TR Index	NYB Orange Juice (JO)	NYB	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCJO6E	Macquarie Single Commodity Orange Juice type B 6 month forward ER Index	NYB Orange Juice (JO)	NYB	UUXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCJO6T	Macquarie Single Commodity Orange Juice type B 6 month forward TR Index	NYB Orange Juice (JO)	NYB	UUXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCKC1T	Macquarie Single Commodity Coffee type B 1 month forward TR Index	NYB Coffee (KC)	NYB	HKKNNUUZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCKC6E	Macquarie Single Commodity Coffee type B 6 month forward ER Index	NYB Coffee (KC)	NYB	UUZZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCKC6T	Macquarie Single Commodity Coffee type B 6 month forward TR Index	NYB Coffee (KC)	NYB	UUZZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCKW1T	Macquarie Single Commodity Wheat (Kansas) type B 1 month forward TR Index	CBT Wheat (Kansas) (KW)	CBT	HKKNNUUZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCKW6E	Macquarie Single Commodity Wheat (Kansas) type B 6 month forward ER Index	CBT Wheat (Kansas) (KW)	CBT	UUZZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER

MQSCKW6T	Macquarie Single Commodity Wheat (Kansas) type B 6 month forward TR Index	CBT Wheat (Kansas) (KW)	CBT	UUZZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCLA1T	Macquarie Single Commodity Aluminium type B 1 month forward TR Index	LME Aluminium (LA)	LME	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCLA6T	Macquarie Single Commodity Aluminium type B 6 month forward TR Index	LME Aluminium (LA)	LME	QUVXZF+G+H+J+K+M+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCLC1T	Macquarie Single Commodity Live Cattle type B 1 month forward TR Index	CME Live Cattle (LC)	CME	JJMMQQVVZZG+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCLC6E	Macquarie Single Commodity Live Cattle type B 6 month forward ER Index	CME Live Cattle (LC)	CME	QVVZZG+G+J+J+M+M+Q+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCLC6T	Macquarie Single Commodity Live Cattle type B 6 month forward TR Index	CME Live Cattle (LC)	CME	QVVZZG+G+J+J+M+M+Q+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCLH1T	Macquarie Single Commodity Lean Hogs type B 1 month forward TR Index	CME Lean Hogs (LH)	CME	JJMMNQVVZZG+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCLH6E	Macquarie Single Commodity Lean Hogs type B 6 month forward ER Index	CME Lean Hogs (LH)	CME	QVVZZG+G+J+J+M+M+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCLH6T	Macquarie Single Commodity Lean Hogs type B 6 month forward TR Index	CME Lean Hogs (LH)	CME	QVVZZG+G+J+J+M+M+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCLL1T	Macquarie Single Commodity Lead type B 1 month forward TR Index	LME Lead (LL)	LME	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCLL6T	Macquarie Single Commodity Lead type B 6 month forward TR Index	LME Lead (LL)	LME	QUVXZF+G+H+J+K+M+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCLN1T	Macquarie Single Commodity Nickel type B 1 month forward TR Index	LME Nickel (LN)	LME	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCLN6T	Macquarie Single Commodity Nickel type B 6 month forward TR Index	LME Nickel (LN)	LME	QUVXZF+G+H+J+K+M+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR

MQSCLP1T	Macquarie Single Commodity Copper type B 1 month forward TR Index	LME Copper (LP)	LME	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCLP6T	Macquarie Single Commodity Copper type B 6 month forward TR Index	LME Copper (LP)	LME	QUVXZF+G+H+J+K+M+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCLT1E	Macquarie Single Commodity Tin type B 1 month forward ER Index	LME Tin (LT)	LME	HJKMNQUVXZF+G+	5	5	100	03-Jan-06	17-Aug-17	New York Mercantile Exchange	ER
MQSCLT1T	Macquarie Single Commodity Tin type B 1 month forward TR Index	LME Tin (LT)	LME	HJKMNQUVXZF+G+	5	5	100	03-Jan-06	17-Aug-17	New York Mercantile Exchange	TR
MQSCLT6E	Macquarie Single Commodity Tin type B 6 month forward ER Index	LME Tin (LT)	LME	QUVXZF+G+H+J+K+M+N+	5	5	100	03-Jan-06	17-Aug-17	New York Mercantile Exchange	ER
MQSCLT6T	Macquarie Single Commodity Tin type B 6 month forward TR Index	LME Tin (LT)	LME	QUVXZF+G+H+J+K+M+N+	5	5	100	03-Jan-06	17-Aug-17	New York Mercantile Exchange	TR
MQSCLX1T	Macquarie Single Commodity Zinc type B 1 month forward TR Index	LME Zinc (LX)	LME	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCLX6T	Macquarie Single Commodity Zinc type B 6 month forward TR Index	LME Zinc (LX)	LME	QUVXZF+G+H+J+K+M+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCNG1T	Macquarie Single Commodity Natural Gas type B 1 month forward TR Index	NYM Natural Gas (NG)	NYM	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCNG6E	Macquarie Single Commodity Natural Gas type B 6 month forward ER Index	NYM Natural Gas (NG)	NYM	QUVXZF+G+H+J+K+M+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCNG6T	Macquarie Single Commodity Natural Gas type B 6 month forward TR Index	NYM Natural Gas (NG)	NYM	QUVXZF+G+H+J+K+M+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCPATR	Macquarie Single Commodity Palladium type B TR Index	NYM Palladium (PA)	NYM	HHMMMMUUUZZZHH+	5	5	100	06-Feb-04	23-Aug-17	New York Mercantile Exchange	TR
MQSCPL1E	Macquarie Single Commodity Platinum type B 1 month forward ER Index	NYM Platinum (PL)	NYM	JJNNNNVVVF+F+F+J+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER

MQSCPL1T	Macquarie Single Commodity Platinum type B 1 month forward TR Index	NYM Platinum (PL)	NYM	JJNNNNVVVF+F+F+J+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCQS1T	Macquarie Single Commodity Gas Oil type B 1 month forward TR Index	ICE Gas Oil (QS)	ICE	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCQS6E	Macquarie Single Commodity Gas Oil type B 6 month forward ER Index	ICE Gas Oil (QS)	ICE	QUVXZF+G+H+J+K+M+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCQS6T	Macquarie Single Commodity Gas Oil type B 6 month forward TR Index	ICE Gas Oil (QS)	ICE	QUVXZF+G+H+J+K+M+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCS1T	Macquarie Single Commodity Soybeans type B 1 month forward TR Index	CBT Soybeans (S)	CBT	HKKNNXXXXF+F+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCS6E	Macquarie Single Commodity Soybeans type B 6 month forward ER Index	CBT Soybeans (S)	CBT	XXXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCS6T	Macquarie Single Commodity Soybeans type B 6 month forward TR Index	CBT Soybeans (S)	CBT	XXXXF+F+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQCSB1T	Macquarie Single Commodity Sugar type B 1 month forward TR Index	NYB Sugar (SB)	NYB	HKKNNVVVH+H+H+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQCSB6E	Macquarie Single Commodity Sugar type B 6 month forward ER Index	NYB Sugar (SB)	NYB	VVVH+H+H+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQCSB6T	Macquarie Single Commodity Sugar type B 6 month forward TR Index	NYB Sugar (SB)	NYB	VVVH+H+H+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQCSI1T	Macquarie Single Commodity Silver type B 1 month forward TR Index	CMX Silver (SI)	CMX	HKKNNUUZZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQCSI6E	Macquarie Single Commodity Silver type B 6 month forward ER Index	CMX Silver (SI)	CMX	UUZZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQCSI6T	Macquarie Single Commodity Silver type B 6 month forward TR Index	CMX Silver (SI)	CMX	UUZZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR

MQSCSM1E	Macquarie Single Commodity Soybean Meal type B 1 month forward ER Index	CBT Soybean Meal (SM)	CBT	HKKNNZZZZF+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCSM1T	Macquarie Single Commodity Soybean Meal type B 1 month forward TR Index	CBT Soybean Meal (SM)	CBT	HKKNNZZZZF+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCSM6E	Macquarie Single Commodity Soybean Meal type B 6 month forward ER Index	CBT Soybean Meal (SM)	CBT	ZZZZF+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCSM6T	Macquarie Single Commodity Soybean Meal type B 6 month forward TR Index	CBT Soybean Meal (SM)	CBT	ZZZZF+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCW1T	Macquarie Single Commodity Wheat (Chicago) type B 1 month forward TR Index	CBT Wheat (Chicago) (W)	CBT	HKKNUUZZH+H+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCW6E	Macquarie Single Commodity Wheat (Chicago) type B 6 month forward ER Index	CBT Wheat (Chicago) (W)	CBT	UUZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCW6T	Macquarie Single Commodity Wheat (Chicago) type B 6 month forward TR Index	CBT Wheat (Chicago) (W)	CBT	UUZZH+H+H+K+K+N+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCXB1T	Macquarie Single Commodity Unleaded Gasoline type B 1 month forward TR Index	NYM Unleaded Gasoline (XB)	NYM	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSCXB6E	Macquarie Single Commodity Unleaded Gasoline type B 6 month forward ER Index	NYM Unleaded Gasoline (XB)	NYM	QUVXZF+G+H+J+K+M+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	ER
MQSCXB6T	Macquarie Single Commodity Unleaded Gasoline type B 6 month forward TR Index	NYM Unleaded Gasoline (XB)	NYM	QUVXZF+G+H+J+K+M+N+	5	5	100	06-Feb-04	17-Aug-17	New York Mercantile Exchange	TR
MQSYBORAT	Macquarie Soybean Oil Annual Roll Index Version A TR Index	CBT Soybean Oil (BO)	CBT	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYCCRAT	Macquarie Cocoa Annual Roll Index Version A TR Index	NYB Cocoa (CC)	NYB	UUZZH+H+H+K+K+N+N+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYCLRAT	Macquarie WTI Crude Oil Annual Roll Index Version A TR Index	NYM WTI Crude Oil (CL)	NYM	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR

MQSYCLRBT	Macquarie Crude Oil (WTI) Annual Roll Index Version B TR Index	NYM WTI Crude Oil (CL)	NYM	MMMMMM+M+M+M+ M+M+M+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	TR
MQSYCLRCT	Macquarie Crude Oil (WTI) Annual Roll Index Version C TR Index	NYM WTI Crude Oil (CL)	NYM	ZZZZZZZZZZZ+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	TR
MQSYCLRDT	Macquarie Crude Oil (WTI) Annual Roll Index Version D TR Index	NYM WTI Crude Oil (CL)	NYM	M+M+M+M+M+M++M++ M++M++M++M++M++	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	TR
MQSYCLRET	Macquarie Crude Oil (WTI) Annual Roll Index Version E TR Index	NYM WTI Crude Oil (CL)	NYM	Z+Z+Z+Z+Z+Z+Z+Z+Z+Z+Z++	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	TR
MQSYCLRFT	Macquarie Crude Oil (WTI) Annual Roll Index Version F TR Index	NYM WTI Crude Oil (CL)	NYM	Z+Z+Z+Z+Z+Z++Z++Z++ Z++Z++Z++	5	5	100	04-Jan-00	16-Aug-18	New York Mercantile Exchange	TR
MQSYCORAT	Macquarie Brent Crude Oil Annual Roll Index Version A TR Index	ICE Brent Crude Oil (CO)	ICE	ZZZZZZZZZ+Z+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYCORBT	Macquarie Brent Crude Oil Annual Roll Index Version B TR Index	ICE Brent Crude Oil (CO)	ICE	MMMMMM+M+M+M+M+ M+M+M+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	TR
MQSYCORCT	Macquarie Brent Crude Oil Annual Roll Index Version C TR Index	ICE Brent Crude Oil (CO)	ICE	ZZZZZZZZZ+Z+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	TR
MQSYCORDT	Macquarie Brent Crude Oil Annual Roll Index Version D TR Index	ICE Brent Crude Oil (CO)	ICE	M+M+M+M+M++M++M+ +M++M++M++M++M++	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	TR
MQSYCORET	Macquarie Brent Crude Oil Annual Roll Index Version E TR Index	ICE Brent Crude Oil (CO)	ICE	Z+Z+Z+Z+Z+Z+Z+Z+Z+Z ++Z++	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	TR
MQSYCORFT	Macquarie Brent Crude Oil Annual Roll Index Version F TR Index	ICE Brent Crude Oil (CO)	ICE	Z+Z+Z+Z+Z+Z++Z++Z++ Z++Z++Z++	5	5	100	04-Jan-00	16-Aug-18	New York Mercantile Exchange	TR
MQSYCTRAT	Macquarie Cotton Annual Roll Index Version A TR Index	NYB Cotton (CT)	NYB	ZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYCTRB	Macquarie Cotton Annual Roll Index Version B TR Index	NYB Cotton (CT)	NYB	HHH+H+H+H+H+H+H+H+ H+H+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	TR

MQSYCXRAT	Macquarie Corn Annual Roll Index Version A TR Index	CBT Corn (C)	CBT	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYCXRBT	Macquarie Corn Annual Roll Index Version B TR Index	CBT Corn (C)	CBT	NNNNNNNN+N+N+N+N+N+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	TR
MQSYCXRCT	Macquarie Corn Annual Roll Index Version C TR Index	CBT Corn (C)	CBT	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	TR
MQSYCXRDT	Macquarie Corn Annual Roll Index Version D TR Index	CBT Corn (C)	CBT	Z+Z+Z+Z+Z+Z+Z+Z+Z+Z+Z++	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	TR
MQSYFCRAT	Macquarie Feeder Cattle Annual Roll Index Version A TR Index	CME Feeder Cattle (FC)	CME	QQUVXF+F+H+H+J+K+Q+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYGORAT	Macquarie Gas Oil Annual Roll Index Version A TR Index	ICE Gas Oil (QS)	ICE	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYGORBT	Macquarie Gas Oil Annual Roll Index Version B TR Index	ICE Gas Oil (QS)	ICE	ZZZZZZ+Z+Z+Z+Z+Z+	5	5	100	04-Jan-00	16-Aug-18	New York Mercantile Exchange	TR
MQSYHGRAT	Macquarie High Grade Copper Annual Roll Index Version A TR Index	CMX High Grade Copper (HG)	CMX	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYHGRBT	Macquarie High Grade Copper Annual Roll Index Version B TR Index	CMX High Grade Copper (HG)	CMX	ZZZZZZ+Z+Z+Z+Z+Z+	5	5	100	04-Jan-00	16-Aug-18	New York Mercantile Exchange	TR
MQSYHORAT	Macquarie Heating Oil Annual Roll Index Version A TR Index	NYM Heating Oil (HO)	NYM	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYHORBT	Macquarie Heating Oil Annual Roll Index Version B TR Index	NYM Heating Oil (HO)	NYM	ZZZZZZ+Z+Z+Z+Z+Z+	5	5	100	04-Jan-00	16-Aug-18	New York Mercantile Exchange	TR
MQSYKCRAT	Macquarie Coffee Annual Roll Index Version A TR Index	NYB Coffee (KC)	NYB	ZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYKCRBT	Macquarie Coffee Annual Roll Index Version B TR Index	NYB Coffee (KC)	NYB	KKKKK+K+K+K+K+K+K+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	TR

MQSYKWRA T	Macquarie Wheat (Kansas) Annual Roll Index Version A TR Index	CBT Wheat (Kansas) (KW)	CBT	UUZZZH+H+H+K+K+N+N+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYKWRB T	Macquarie Kansas Wheat Annual Roll Index Version B TR Index	CBT Wheat (Kansas) (KW)	CBT	ZZZZZZZZZZZ+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	TR
MQSYLARAT	Macquarie Aluminium Annual Roll Index Version A TR Index	LME Aluminium (LA)	LME	ZZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYLARB T	Macquarie Aluminium Annual Roll Index Version B TR Index	LME Aluminium (LA)	LME	ZZZZZZZ+Z+Z+Z+Z+	5	5	100	04-Jan-00	16-Aug-18	New York Mercantile Exchange	TR
MQSYLCRAT	Macquarie Live Cattle Annual Roll Index Version A TR Index	CME Live Cattle (LC)	CME	QVVZZG+G+J+J+M+M+Q+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYLHRAT	Macquarie Lean Hogs Annual Roll Index Version A TR Index	CME Lean Hogs (LH)	CME	QVVZZG+G+J+J+M+M+N+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYLLRAT	Macquarie Lead Annual Roll Index Version A TR Index	LME Lead (LL)	LME	QUVXZF+G+H+J+K+M+N+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYLN RAT	Macquarie Nickel Annual Roll Index Version A TR Index	LME Nickel (LN)	LME	ZZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYLNRB T	Macquarie Nickel Annual Roll Index Version B TR Index	LME Nickel (LN)	LME	ZZZZZZZ+Z+Z+Z+Z+	5	5	100	04-Jan-00	16-Aug-18	New York Mercantile Exchange	TR
MQSYLP RAT	Macquarie Copper Annual Roll Index Version A TR Index	LME Copper (LP)	LME	ZZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYLPRB T	Macquarie Copper Annual Roll Index Version B TR Index	LME Copper (LP)	LME	ZZZZZZZ+Z+Z+Z+Z+	5	5	100	04-Jan-00	16-Aug-18	New York Mercantile Exchange	TR
MQSYLXRAT	Macquarie Zinc Annual Roll Index Version A TR Index	LME Zinc (LX)	LME	ZZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYLXRBT	Macquarie Zinc Annual Roll Index Version B TR Index	LME Zinc (LX)	LME	ZZZZZZZ+Z+Z+Z+Z+	5	5	100	04-Jan-00	16-Aug-18	New York Mercantile Exchange	TR

MQSYNGRA T	Macquarie Natural Gas Annual Roll Index Version A TR Index	NYM Natural Gas (NG)	NYM	ZZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYNGBT	Macquarie Natural Gas Annual Roll Index Version B TR Index	NYM Natural Gas (NG)	NYM	F+F+F+F+F+F+F+F+F+F+F+ +F+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	TR
MQSYNCRCT	Macquarie Natural Gas Annual Roll Index Version C TR Index	NYM Natural Gas (NG)	NYM	HHH+H+H+H+H+H+H+H+H+ H+H+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	TR
MQSYNGRD T	Macquarie Natural Gas Annual Roll Index Version D TR Index	NYM Natural Gas (NG)	NYM	MMMMMM+M+M+M+ M+M+M+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	TR
MQSYNGRET	Macquarie Natural Gas Annual Roll Index Version E TR Index	NYM Natural Gas (NG)	NYM	F++F++F++F++F++F++F++ F++F++F++F++F++	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	TR
MQSYSBRAT	Macquarie Sugar Annual Roll Index Version A TR Index	NYB Sugar (SB)	NYB	HHH+H+H+H+H+H+H+H+H+ H+H+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYSMRA T	Macquarie Soybean Meal Annual Roll Index Version A TR Index	CBT Soybean Meal (SM)	CBT	ZZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYSXRAT	Macquarie Soybeans Annual Roll Index Version A TR Index	CBT Soybeans (S)	CBT	NNNNNNNN+N+N+N+N+N +	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYSXRBT	Macquarie Soybeans Annual Roll Index Version B TR Index	CBT Soybeans (S)	CBT	XXXXXXXXXXX+X+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	TR
MQSYWXRA T	Macquarie Wheat (Chicago) Annual Roll Index Version A TR Index	CBT Wheat (Chicago) (W)	CBT	ZZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYWXRB T	Macquarie Wheat Annual Roll Index Version B TR Index	CBT Wheat (Chicago) (W)	CBT	ZZZZZZZZZZZ+	5	5	100	04-Jan-00	21-Sep-17	New York Mercantile Exchange	TR
MQSYXBRA T	Macquarie Unleaded Gasoline Annual Roll Index Version A TR Index	NYM Unleaded Gasoline (XB)	NYM	ZZZZZZZZZZZ+Z+	5	5	100	04-Jan-00	22-Aug-17	New York Mercantile Exchange	TR
MQSYXBRBT	Macquarie Unleaded Gasoline Annual Roll Index Version B TR Index	NYM Unleaded Gasoline (XB)	NYM	ZZZZZZ+Z+Z+Z+Z+Z+	5	5	100	02-Jan-07	16-Aug-18	New York Mercantile Exchange	TR

MQSCP0CLT	Macquarie Single Commodity WTI Crude Oil Pre-roll Type B F0 TR Index	NYM WTI Crude Oil (CL)	NYM	GHJKMNQUVXZF+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP2CLT	Macquarie Single Commodity WTI Crude Oil Pre-roll Type B F2 TR Index	NYM WTI Crude Oil (CL)	NYM	JKMNQUVXZF+G+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP3CLT	Macquarie Single Commodity WTI Crude Oil Pre-roll Type B F3 TR Index	NYM WTI Crude Oil (CL)	NYM	KMNQUVXZF+G+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP0COT	Macquarie Single Commodity Brent Crude Oil Pre-roll Type B F0 TR Index	ICE Brent Crude Oil (CO)	ICE	HJKMNQUVXZF+G+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP2COT	Macquarie Single Commodity Brent Crude Oil Pre-roll Type B F2 TR Index	ICE Brent Crude Oil (CO)	ICE	KMNQUVXZF+G+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP3COT	Macquarie Single Commodity Brent Crude Oil Pre-roll Type B F3 TR Index	ICE Brent Crude Oil (CO)	ICE	MNQUVXZF+G+H+J+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP0XBT	Macquarie Single Commodity Unleaded Gasoline Pre-roll Type B F0 TR Index	NYM Unleaded Gasoline (XB)	NYM	GHJKMNQUVXZF+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP2XBT	Macquarie Single Commodity Unleaded Gasoline Pre-roll Type B F2 TR Index	NYM Unleaded Gasoline (XB)	NYM	JKMNQUVXZF+G+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP3XBT	Macquarie Single Commodity Unleaded Gasoline Pre-roll Type B F3 TR Index	NYM Unleaded Gasoline (XB)	NYM	KMNQUVXZF+G+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP0HOT	Macquarie Single Commodity Heating Oil Pre-roll Type B F0 TR Index	NYM Heating Oil (HO)	NYM	GHJKMNQUVXZF+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP2HOT	Macquarie Single Commodity Heating Oil Pre-roll Type B F2 TR Index	NYM Heating Oil (HO)	NYM	JKMNQUVXZF+G+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP3HOT	Macquarie Single Commodity Heating Oil Pre-roll Type B F3 TR Index	NYM Heating Oil (HO)	NYM	KMNQUVXZF+G+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP0QST	Macquarie Single Commodity Gas Oil Pre-roll Type B F0 TR Index	ICE Gas Oil (QS)	ICE	GHJKMNQUVXZF+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR

MQSCP2QST	Macquarie Single Commodity Gas Oil Pre-roll Type B F2 TR Index	ICE Gas Oil (QS)	ICE	JKMNQUVXZF+G+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP3QST	Macquarie Single Commodity Gas Oil Pre-roll Type B F3 TR Index	ICE Gas Oil (QS)	ICE	KMNQUVXZF+G+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP0NGT	Macquarie Single Commodity Natural Gas Pre-roll Type B F0 TR Index	NYM Natural Gas (NG)	NYM	GHJKMNQUVXZF+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP2NGT	Macquarie Single Commodity Natural Gas Pre-roll Type B F2 TR Index	NYM Natural Gas (NG)	NYM	JKMNQUVXZF+G+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP3NGT	Macquarie Single Commodity Natural Gas Pre-roll Type B F3 TR Index	NYM Natural Gas (NG)	NYM	KMNQUVXZF+G+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP0GCT	Macquarie Single Commodity Gold Pre-roll Type B F0 TR Index	CMX Gold (GC)	CMX	GJJMMQQZZZG+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP2GCT	Macquarie Single Commodity Gold Pre-roll Type B F2 TR Index	CMX Gold (GC)	CMX	JMMQQZZZG+G+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP3GCT	Macquarie Single Commodity Gold Pre-roll Type B F3 TR Index	CMX Gold (GC)	CMX	MMQQZZZG+G+J+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCPOSIT	Macquarie Single Commodity Silver Pre-roll Type B F0 TR Index	CMX Silver (SI)	CMX	HHKKNNUUZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP2SIT	Macquarie Single Commodity Silver Pre-roll Type B F2 TR Index	CMX Silver (SI)	CMX	KKNNUUZZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP3SIT	Macquarie Single Commodity Silver Pre-roll Type B F3 TR Index	CMX Silver (SI)	CMX	KNNNUUZZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP0LLT	Macquarie Single Commodity Lead Pre-roll Type B F0 TR Index	LME Lead (LL)	LME	GHJKMNQUVXZF+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP2LLT	Macquarie Single Commodity Lead Pre-roll Type B F2 TR Index	LME Lead (LL)	LME	JKMNQUVXZF+G+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR

MQSCP3LLT	Macquarie Single Commodity Lead Pre-roll Type B F3 TR Index	LME Lead (LL)	LME	KMNQUVXZF+G+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP0LXT	Macquarie Single Commodity Zinc Pre-roll Type B F0 TR Index	LME Zinc (LX)	LME	GHJKMNQUVXZF+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP2LXT	Macquarie Single Commodity Zinc Pre-roll Type B F2 TR Index	LME Zinc (LX)	LME	JKMNQUVXZF+G+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP3LXT	Macquarie Single Commodity Zinc Pre-roll Type B F3 TR Index	LME Zinc (LX)	LME	KMNQUVXZF+G+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP0LNT	Macquarie Single Commodity Nickel Pre-roll Type B F0 TR Index	LME Nickel (LN)	LME	GHJKMNQUVXZF+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP2LNT	Macquarie Single Commodity Nickel Pre-roll Type B F2 TR Index	LME Nickel (LN)	LME	JKMNQUVXZF+G+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP3LNT	Macquarie Single Commodity Nickel Pre-roll Type B F3 TR Index	LME Nickel (LN)	LME	KMNQUVXZF+G+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP0LAT	Macquarie Single Commodity Aluminium Pre-roll Type B F0 TR Index	LME Aluminium (LA)	LME	GHJKMNQUVXZF+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP2LAT	Macquarie Single Commodity Aluminium Pre-roll Type B F2 TR Index	LME Aluminium (LA)	LME	JKMNQUVXZF+G+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP3LAT	Macquarie Single Commodity Aluminium Pre-roll Type B F3 TR Index	LME Aluminium (LA)	LME	KMNQUVXZF+G+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP0LPT	Macquarie Single Commodity Copper Pre-roll Type B F0 TR Index	LME Copper (LP)	LME	GHJKMNQUVXZF+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP2LPT	Macquarie Single Commodity Copper Pre-roll Type B F2 TR Index	LME Copper (LP)	LME	JKMNQUVXZF+G+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP3LPT	Macquarie Single Commodity Copper Pre-roll Type B F3 TR Index	LME Copper (LP)	LME	KMNQUVXZF+G+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR

MQSCP0CXT	Macquarie Single Commodity Corn Pre-roll Type B F0 TR Index	CBT Corn (C)	CBT	HHKKNNUUZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP2CXT	Macquarie Single Commodity Corn Pre-roll Type B F2 TR Index	CBT Corn (C)	CBT	KKNNUUZZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP3CXT	Macquarie Single Commodity Corn Pre-roll Type B F3 TR Index	CBT Corn (C)	CBT	KNNUUZZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP0SXT	Macquarie Single Commodity Soybeans Pre-roll Type B F0 TR Index	CBT Soybeans (S)	CBT	HHKKNNXXXXF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP2SXT	Macquarie Single Commodity Soybeans Pre-roll Type B F2 TR Index	CBT Soybeans (S)	CBT	KKNNXXXXF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP3SXT	Macquarie Single Commodity Soybeans Pre-roll Type B F3 TR Index	CBT Soybeans (S)	CBT	KNNXXXXF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP0WX T	Macquarie Single Commodity Wheat (Chicago) Pre-roll Type B F0 TR Index	CBT Wheat (Chicago) (W)	CBT	HHKKNNUUZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP2WX T	Macquarie Single Commodity Wheat (Chicago) Pre-roll Type B F2 TR Index	CBT Wheat (Chicago) (W)	CBT	KKNNUUZZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP3WX T	Macquarie Single Commodity Wheat (Chicago) Pre-roll Type B F3 TR Index	CBT Wheat (Chicago) (W)	CBT	KNNUUZZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP0KW T	Macquarie Single Commodity Wheat (Kansas) Pre-roll Type B F0 TR Index	CBT Wheat (Kansas) (KW)	CBT	HHKKNNUUZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP2KW T	Macquarie Single Commodity Wheat (Kansas) Pre-roll Type B F2 TR Index	CBT Wheat (Kansas) (KW)	CBT	KKNNUUZZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP3KW T	Macquarie Single Commodity Wheat (Kansas) Pre-roll Type B F3 TR Index	CBT Wheat (Kansas) (KW)	CBT	KNNUUZZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP0SBT	Macquarie Single Commodity Sugar Pre-roll Type B F0 TR Index	NYB Sugar (SB)	NYB	HHKKNNVVVH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR

MQSCP2SBT	Macquarie Single Commodity Sugar Pre-roll Type B F2 TR Index	NYB Sugar (SB)	NYB	KKNNVVVH+H+H+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP3SBT	Macquarie Single Commodity Sugar Pre-roll Type B F3 TR Index	NYB Sugar (SB)	NYB	KNNVVVH+H+H+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP0KCT	Macquarie Single Commodity Coffee Pre-roll Type B F0 TR Index	NYB Coffee (KC)	NYB	HHKKNNUUZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP2KCT	Macquarie Single Commodity Coffee Pre-roll Type B F2 TR Index	NYB Coffee (KC)	NYB	KKNNUUZZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP3KCT	Macquarie Single Commodity Coffee Pre-roll Type B F3 TR Index	NYB Coffee (KC)	NYB	KNNUUZZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP0CCT	Macquarie Single Commodity Cocoa Pre-roll Type B F0 TR Index	NYB Cocoa (CC)	NYB	HHKKNNUUZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP2CCT	Macquarie Single Commodity Cocoa Pre-roll Type B F2 TR Index	NYB Cocoa (CC)	NYB	KKNNUUZZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP3CCT	Macquarie Single Commodity Cocoa Pre-roll Type B F3 TR Index	NYB Cocoa (CC)	NYB	KNNUUZZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP0CTT	Macquarie Single Commodity Cotton Pre-roll Type B F0 TR Index	NYB Cotton (CT)	NYB	HHKKNNZZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP2CTT	Macquarie Single Commodity Cotton Pre-roll Type B F2 TR Index	NYB Cotton (CT)	NYB	KKNNZZZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP3CTT	Macquarie Single Commodity Cotton Pre-roll Type B F3 TR Index	NYB Cotton (CT)	NYB	KNNZZZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP0LHT	Macquarie Single Commodity Lean Hogs Pre-roll Type B F0 TR Index	CME Lean Hogs (LH)	CME	GJJMMNQVVZZG+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP2LHT	Macquarie Single Commodity Lean Hogs Pre-roll Type B F2 TR Index	CME Lean Hogs (LH)	CME	JMMNQVVZZG+G+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR

MQSCP3LHT	Macquarie Single Commodity Lean Hogs Pre-roll Type B F3 TR Index	CME Lean Hogs (LH)	CME	MMNQVVZZG+G+J+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP0LCT	Macquarie Single Commodity Live Cattle Pre-roll Type B F0 TR Index	CME Live Cattle (LC)	CME	GJJMMQQVZZG+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP2LCT	Macquarie Single Commodity Live Cattle Pre-roll Type B F2 TR Index	CME Live Cattle (LC)	CME	JMMQQVZZG+G+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP3LCT	Macquarie Single Commodity Live Cattle Pre-roll Type B F3 TR Index	CME Live Cattle (LC)	CME	MMQQVZZG+G+J+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP0FCT	Macquarie Single Commodity Feeder Cattle Pre-roll Type B F0 TR Index	CME Feeder Cattle (FC)	CME	HHJKQQQUVXF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP2FCT	Macquarie Single Commodity Feeder Cattle Pre-roll Type B F2 TR Index	CME Feeder Cattle (FC)	CME	JKQQQUVXF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSCP3FCT	Macquarie Single Commodity Feeder Cattle Pre-roll Type B F3 TR Index	CME Feeder Cattle (FC)	CME	KQQQUVXF+F+H+H+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP0CLT	Macquarie Single Commodity WTI Crude Oil Pre-roll Type A F0 TR Index	NYM WTI Crude Oil (CL)	NYM	HHKKNNUUXXF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP2CLT	Macquarie Single Commodity WTI Crude Oil Pre-roll Type A F2 TR Index	NYM WTI Crude Oil (CL)	NYM	KKNNUUXXF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP3CLT	Macquarie Single Commodity WTI Crude Oil Pre-roll Type A F3 TR Index	NYM WTI Crude Oil (CL)	NYM	KNNUUXXF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP0COT	Macquarie Single Commodity Brent Crude Oil Pre-roll Type A F0 TR Index	ICE Brent Crude Oil (CO)	ICE	HKKNNUUXXF+F+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP2COT	Macquarie Single Commodity Brent Crude Oil Pre-roll Type A F2 TR Index	ICE Brent Crude Oil (CO)	ICE	KNNUUXXF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP3COT	Macquarie Single Commodity Brent Crude Oil Pre-roll Type A F3 TR Index	ICE Brent Crude Oil (CO)	ICE	NNUUXXF+F+H+H+K+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR

MQSDP0XBT	Macquarie Single Commodity Unleaded Gasoline Pre-roll Type A F0 TR Index	NYM Unleaded Gasoline (XB)	NYM	HHKKNNUUXXF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP2XBT	Macquarie Single Commodity Unleaded Gasoline Pre-roll Type A F2 TR Index	NYM Unleaded Gasoline (XB)	NYM	KKNNUUXXF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP3XBT	Macquarie Single Commodity Unleaded Gasoline Pre-roll Type A F3 TR Index	NYM Unleaded Gasoline (XB)	NYM	KNNUUXXF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP0HO T	Macquarie Single Commodity Heating Oil Pre-roll Type A F0 TR Index	NYM Heating Oil (HO)	NYM	HHKKNNUUXXF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP2HO T	Macquarie Single Commodity Heating Oil Pre-roll Type A F2 TR Index	NYM Heating Oil (HO)	NYM	KKNNUUXXF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP3HO T	Macquarie Single Commodity Heating Oil Pre-roll Type A F3 TR Index	NYM Heating Oil (HO)	NYM	KNNUUXXF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP0NGT	Macquarie Single Commodity Natural Gas Pre-roll Type A F0 TR Index	NYM Natural Gas (NG)	NYM	HHKKNNUUXXF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP2NGT	Macquarie Single Commodity Natural Gas Pre-roll Type A F2 TR Index	NYM Natural Gas (NG)	NYM	KKNNUUXXF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP3NGT	Macquarie Single Commodity Natural Gas Pre-roll Type A F3 TR Index	NYM Natural Gas (NG)	NYM	KNNUUXXF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP0GCT	Macquarie Single Commodity Gold Pre-roll Type A F0 TR Index	CMX Gold (GC)	CMX	GJJMMQQZZZG+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP2GCT	Macquarie Single Commodity Gold Pre-roll Type A F2 TR Index	CMX Gold (GC)	CMX	JMMQQZZZG+G+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP3GCT	Macquarie Single Commodity Gold Pre-roll Type A F3 TR Index	CMX Gold (GC)	CMX	MMQQZZZG+G+J+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP0SIT	Macquarie Single Commodity Silver Pre-roll Type A F0 TR Index	CMX Silver (SI)	CMX	HHKKNNUUZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR

MQSDP2SIT	Macquarie Single Commodity Silver Pre-roll Type A F2 TR Index	CMX Silver (SI)	CMX	KKNNUUZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP3SIT	Macquarie Single Commodity Silver Pre-roll Type A F3 TR Index	CMX Silver (SI)	CMX	KNNUUZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP0LXT	Macquarie Single Commodity Zinc Pre-roll Type A F0 TR Index	LME Zinc (LX)	LME	HHKKNNUUXXF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP2LXT	Macquarie Single Commodity Zinc Pre-roll Type A F2 TR Index	LME Zinc (LX)	LME	KKNNUUXXF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP3LXT	Macquarie Single Commodity Zinc Pre-roll Type A F3 TR Index	LME Zinc (LX)	LME	KNNUUXXF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP0LNT	Macquarie Single Commodity Nickel Pre-roll Type A F0 TR Index	LME Nickel (LN)	LME	HHKKNNUUXXF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP2LNT	Macquarie Single Commodity Nickel Pre-roll Type A F2 TR Index	LME Nickel (LN)	LME	KKNNUUXXF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP3LNT	Macquarie Single Commodity Nickel Pre-roll Type A F3 TR Index	LME Nickel (LN)	LME	KNNUUXXF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP0LAT	Macquarie Single Commodity Aluminium Pre-roll Type A F0 TR Index	LME Aluminium (LA)	LME	HHKKNNUUXXF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP2LAT	Macquarie Single Commodity Aluminium Pre-roll Type A F2 TR Index	LME Aluminium (LA)	LME	KKNNUUXXF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP3LAT	Macquarie Single Commodity Aluminium Pre-roll Type A F3 TR Index	LME Aluminium (LA)	LME	KNNUUXXF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP0HGT	Macquarie Single Commodity High Grade Copper Pre-roll Type A F0 TR Index	CMX High Grade Copper (HG)	CMX	HHKKNNUUZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP2HGT	Macquarie Single Commodity High Grade Copper Pre-roll Type A F2 TR Index	CMX High Grade Copper (HG)	CMX	KKNNUUZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR

MQSDP3HGT	Macquarie Single Commodity High Grade Copper Pre-roll Type A F3 TR Index	CMX High Grade Copper (HG)	CMX	KNNUUZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP0CXT	Macquarie Single Commodity Corn Pre-roll Type A F0 TR Index	CBT Corn (C)	CBT	HHKKNNUUZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP2CXT	Macquarie Single Commodity Corn Pre-roll Type A F2 TR Index	CBT Corn (C)	CBT	KKNNUUZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP3CXT	Macquarie Single Commodity Corn Pre-roll Type A F3 TR Index	CBT Corn (C)	CBT	KNNUUZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP0SXT	Macquarie Single Commodity Soybeans Pre-roll Type A F0 TR Index	CBT Soybeans (S)	CBT	HHKKNNXXXXF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP2SXT	Macquarie Single Commodity Soybeans Pre-roll Type A F2 TR Index	CBT Soybeans (S)	CBT	KKNNXXXXF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP3SXT	Macquarie Single Commodity Soybeans Pre-roll Type A F3 TR Index	CBT Soybeans (S)	CBT	KNNXXXXF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP0BOT	Macquarie Single Commodity Soybean Oil Pre-roll Type A F0 TR Index	CBT Soybean Oil (BO)	CBT	HHKKNNZZZF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP2BOT	Macquarie Single Commodity Soybean Oil Pre-roll Type A F2 TR Index	CBT Soybean Oil (BO)	CBT	KKNNZZZF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP3BOT	Macquarie Single Commodity Soybean Oil Pre-roll Type A F3 TR Index	CBT Soybean Oil (BO)	CBT	KNNZZZF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP0SM	Macquarie Single Commodity Soybean Meal Pre-roll Type A F0 TR Index	CBT Soybean Meal (SM)	CBT	HHKKNNZZZF+F+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP2SM	Macquarie Single Commodity Soybean Meal Pre-roll Type A F2 TR Index	CBT Soybean Meal (SM)	CBT	KKNNZZZF+F+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP3SM	Macquarie Single Commodity Soybean Meal Pre-roll Type A F3 TR Index	CBT Soybean Meal (SM)	CBT	KNNZZZF+F+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR

MQSDP0WX	Macquarie Single Commodity Wheat (Chicago) Pre-roll Type A F0 TR Index	CBT Wheat (Chicago) (W)	CBT	HHKKNNUUZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP2WX	Macquarie Single Commodity Wheat (Chicago) Pre-roll Type A F2 TR Index	CBT Wheat (Chicago) (W)	CBT	KKNNUUZZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP3WX	Macquarie Single Commodity Wheat (Chicago) Pre-roll Type A F3 TR Index	CBT Wheat (Chicago) (W)	CBT	KNNUUZZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP0KW	Macquarie Single Commodity Wheat (Kansas) Pre-roll Type A F0 TR Index	CBT Wheat (Kansas) (KW)	CBT	HHKKNNUUZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP2KW	Macquarie Single Commodity Wheat (Kansas) Pre-roll Type A F2 TR Index	CBT Wheat (Kansas) (KW)	CBT	KKNNUUZZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP3KW	Macquarie Single Commodity Wheat (Kansas) Pre-roll Type A F3 TR Index	CBT Wheat (Kansas) (KW)	CBT	KNNUUZZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP0SBT	Macquarie Single Commodity Sugar Pre-roll Type A F0 TR Index	NYB Sugar (SB)	NYB	HHKKNNVVVH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP2SBT	Macquarie Single Commodity Sugar Pre-roll Type A F2 TR Index	NYB Sugar (SB)	NYB	KKNNVVVH+H+H+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP3SBT	Macquarie Single Commodity Sugar Pre-roll Type A F3 TR Index	NYB Sugar (SB)	NYB	KNNVVVH+H+H+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP0KCT	Macquarie Single Commodity Coffee Pre-roll Type A F0 TR Index	NYB Coffee (KC)	NYB	HHKKNNUUZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP2KCT	Macquarie Single Commodity Coffee Pre-roll Type A F2 TR Index	NYB Coffee (KC)	NYB	KKNNUUZZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP3KCT	Macquarie Single Commodity Coffee Pre-roll Type A F3 TR Index	NYB Coffee (KC)	NYB	KNNUUZZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP0CCT	Macquarie Single Commodity Cocoa Pre-roll Type A F0 TR Index	NYB Cocoa (CC)	NYB	HHKKNNUUZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR

MQSDP2CCT	Macquarie Single Commodity Cocoa Pre-roll Type A F2 TR Index	NYB Cocoa (CC)	NYB	KKNUUZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP3CCT	Macquarie Single Commodity Cocoa Pre-roll Type A F3 TR Index	NYB Cocoa (CC)	NYB	KNNUUZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP0CTT	Macquarie Single Commodity Cotton Pre-roll Type A F0 TR Index	NYB Cotton (CT)	NYB	HHKKNZZZZH+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP2CTT	Macquarie Single Commodity Cotton Pre-roll Type A F2 TR Index	NYB Cotton (CT)	NYB	KKNNZZZZH+H+H+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP3CTT	Macquarie Single Commodity Cotton Pre-roll Type A F3 TR Index	NYB Cotton (CT)	NYB	KNNZZZZH+H+H+K+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP0LHT	Macquarie Single Commodity Lean Hogs Pre-roll Type A F0 TR Index	CME Lean Hogs (LH)	CME	GJJMMNQVVZZG+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP2LHT	Macquarie Single Commodity Lean Hogs Pre-roll Type A F2 TR Index	CME Lean Hogs (LH)	CME	JMMNQVVZZG+G+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP3LHT	Macquarie Single Commodity Lean Hogs Pre-roll Type A F3 TR Index	CME Lean Hogs (LH)	CME	MMNQVVZZG+G+J+J	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP0LCT	Macquarie Single Commodity Live Cattle Pre-roll Type A F0 TR Index	CME Live Cattle (LC)	CME	GJJMMQQVVZZG+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP2LCT	Macquarie Single Commodity Live Cattle Pre-roll Type A F2 TR Index	CME Live Cattle (LC)	CME	JMMQQVVZZG+G+J+	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDP3LCT	Macquarie Single Commodity Live Cattle Pre-roll Type A F3 TR Index	CME Live Cattle (LC)	CME	MMQQVVZZG+G+J+J	-9	3	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	TR
MQSDLKCG	Macquarie Minimum Drawdown Coffee Beta ER (L)	NYB Coffee (KC)	NYB	KNNUUUUUH+H+H+K+	5	5	100	03-Jan-00	27-Feb-15	New York Mercantile Exchange	ER
MQSDSKCG	Macquarie Minimum Drawdown Coffee Beta ER (S)	NYB Coffee (KC)	NYB	HHKNNUUZZZHZ+	5	5	100	03-Jan-00	27-Feb-15	New York Mercantile Exchange	ER

MQSDLLCG	Macquarie Minimum Drawdown Live Cattle Beta ER (L)	CME Live Cattle (LC)	CME	QVVZZG+G+J+J+M+M+Q+	5	5	100	03-Jan-00	27-Feb-15	New York Mercantile Exchange	ER
MQSDSLCG	Macquarie Minimum Drawdown Live Cattle Beta ER (S)	CME Live Cattle (LC)	CME	GJJMMQQVVZZG+	5	5	100	03-Jan-00	27-Feb-15	New York Mercantile Exchange	ER
MQSDLSMG	Macquarie Minimum Drawdown Soybean Meal Beta ER (L)	CBT Soybean Meal (SM)	CBT	KNNNNNZF+F+H+H+K+	5	5	100	03-Jan-00	27-Feb-15	New York Mercantile Exchange	ER
MQSDSSMG	Macquarie Minimum Drawdown Soybean Meal Beta ER (S)	CBT Soybean Meal (SM)	CBT	HHKKNNZZZF+F+	5	5	100	03-Jan-00	27-Feb-15	New York Mercantile Exchange	ER
MQSDLSG	Macquarie Minimum Drawdown Soybeans Beta ER (L)	CBT Soybeans (S)	CBT	KNNNNNF+F+F+H+H+K+	5	5	100	03-Jan-00	27-Feb-15	New York Mercantile Exchange	ER
MQDSSG	Macquarie Minimum Drawdown Soybeans Beta ER (S)	CBT Soybeans (S)	CBT	HHKKNNXXXXF+F+	5	5	100	03-Jan-00	27-Feb-15	New York Mercantile Exchange	ER
MQSDLWG	Macquarie Minimum Drawdown Wheat (Chicago) Beta ER (L)	CBT Wheat (Chicago) (W)	CBT	NNNNNNZZK+N+N+	5	5	100	03-Jan-00	27-Feb-15	New York Mercantile Exchange	ER
MQDSWG	Macquarie Minimum Drawdown Wheat (Chicago) Beta ER (S)	CBT Wheat (Chicago) (W)	CBT	HHKKNNUUZZH+	5	5	100	03-Jan-00	27-Feb-15	New York Mercantile Exchange	ER
MQSDLKWG	Macquarie Minimum Drawdown Wheat (Kansas) Beta ER (L)	CBT Wheat (Kansas) (KW)	CBT	NNNNNNZZK+N+N+	5	5	100	03-Jan-00	27-Feb-15	New York Mercantile Exchange	ER
MQDSKWG	Macquarie Minimum Drawdown Wheat (Kansas) Beta ER (S)	CBT Wheat (Kansas) (KW)	CBT	HHKKNNUUZZH+	5	5	100	03-Jan-00	27-Feb-15	New York Mercantile Exchange	ER
MQSCFC6E	Macquarie Single Commodity Feeder Cattle type B 6 month forward ER Index	CME Feeder Cattle (FC)	CME	QUVXF+F+H+H+J+K+Q+Q+	5	5	100	06-Feb-04	11-Dec-17	New York Mercantile Exchange	ER
MQSCFC6T	Macquarie Single Commodity Feeder Cattle type B 6 month forward TR Index	CME Feeder Cattle (FC)	CME	QUVXF+F+H+H+J+K+Q+Q+	5	5	100	06-Feb-04	11-Dec-17	New York Mercantile Exchange	TR
MQSDQW1E	Macquarie Single Commodity White Sugar type A 1 month forward ER Index	ICE White Sugar (QW)	ICE	KKQQQVVZZH+H+H+	5	5	100	06-Feb-04	15-Dec-17	New York Mercantile Exchange	ER

MQSDQW1T	Macquarie Single Commodity White Sugar type A 1 month forward TR Index	ICE White Sugar (QW)	ICE	KKQQQVVZZH+H+H+	5	5	100	06-Feb-04	15-Dec-17	New York Mercantile Exchange	TR
MQSDQW3E	Macquarie Single Commodity White Sugar type A 3 month forward ER Index	ICE White Sugar (QW)	ICE	QQQVVZZH+H+H+K+K+	5	5	100	06-Feb-04	15-Dec-17	New York Mercantile Exchange	ER
MQSDQW3T	Macquarie Single Commodity White Sugar type A 3 month forward TR Index	ICE White Sugar (QW)	ICE	QQQVVZZH+H+H+K+K+	5	5	100	06-Feb-04	15-Dec-17	New York Mercantile Exchange	TR
MQSDQW6E	Macquarie Single Commodity White Sugar type A 6 month forward ER Index	ICE White Sugar (QW)	ICE	VVZZH+H+H+K+K+Q+Q+Q+	5	5	100	06-Feb-04	15-Dec-17	New York Mercantile Exchange	ER
MQSDQW6T	Macquarie Single Commodity White Sugar type A 6 month forward TR Index	ICE White Sugar (QW)	ICE	VVZZH+H+H+K+K+Q+Q+Q+	5	5	100	06-Feb-04	15-Dec-17	New York Mercantile Exchange	TR
MQSDQWER	Macquarie Single Commodity White Sugar type A ER Index	ICE White Sugar (QW)	ICE	HKKQQQVVZZH+H+	5	5	100	06-Feb-04	15-Dec-17	New York Mercantile Exchange	ER
MQSDQWTR	Macquarie Single Commodity White Sugar type A TR Index	ICE White Sugar (QW)	ICE	HKKQQQVVZZH+H+	5	5	100	06-Feb-04	15-Dec-17	New York Mercantile Exchange	TR
MQSYMWR A	Macquarie Minneapolis Wheat Annual Roll Index Version A	MGE Wheat (Minneapolis) (MW)	MGE	UUZZZH+H+H+K+K+N+N+	5	5	100	04-Jun-04	24-Nov-17	New York Mercantile Exchange	ER
MQSYMWR AT	Macquarie Minneapolis Wheat Annual Roll Index Version A TR Index	MGE Wheat (Minneapolis) (MW)	MGE	UUZZZH+H+H+K+K+N+N+	5	5	100	04-Jun-04	24-Nov-17	New York Mercantile Exchange	TR
MQSYNGRF	Macquarie Natural Gas Annual Roll Index Version F	NYM Natural Gas (NG)	NYM	HHXXXXXXXXXH+H+	5	5	100	04-Jan-00	20-Dec-17	New York Mercantile Exchange	ER
MQSYNGRFT	Macquarie Natural Gas Annual Roll Index Version F TR Index	NYM Natural Gas (NG)	NYM	HHXXXXXXXXXH+H+	5	5	100	04-Jan-00	20-Dec-17	New York Mercantile Exchange	TR
MQSYQWRA	Macquarie White Sugar Annual Roll Index Version A	ICE White Sugar (QW)	ICE	HHH+H+H+H+H+H+H+H+H+	5	5	100	08-Jan-03	05-Jan-18	New York Mercantile Exchange	ER
MQSYQWRA T	Macquarie White Sugar Annual Roll Index Version A TR Index	ICE White Sugar (QW)	ICE	HHH+H+H+H+H+H+H+H+H+	5	5	100	08-Jan-03	05-Jan-18	New York Mercantile Exchange	TR

MQSDLBOB	Macquarie Minimum Drawdown Soybean Oil Version B Beta ER (L)	CBT Soybean Oil (BO)	CBT	KNNNNNZF+F+H+H+K+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDLCNB	Macquarie Minimum Drawdown Corn Version B Beta ER (L)	CBT Corn (C)	CBT	KNNNNNZZH+H+H+K+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDLCLB	Macquarie Minimum Drawdown Crude Oil (WTI) Version B Beta ER (L)	NYM WTI Crude Oil (CL)	NYM	KNNUUXXF+F+H+H+K+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDLCTB	Macquarie Minimum Drawdown Cotton Version B Beta ER (L)	NYB Cotton (CT)	NYB	KNNZZZZZHZ+H+K+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDLLHB	Macquarie Minimum Drawdown Lean Hogs Version B Beta ER (L)	CME Lean Hogs (LH)	CME	QVVZZG+G+J+J+M+M+N+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDLALB	Macquarie Minimum Drawdown Aluminium Version B Beta ER (L)	LME Aluminium (LA)	LME	KNNUUXXF+F+H+H+K+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDLNGB	Macquarie Minimum Drawdown Natural Gas Version B Beta ER (L)	NYM Natural Gas (NG)	NYM	HNNNUUVXF+F+H+H+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDLSBB	Macquarie Minimum Drawdown Sugar Version B Beta ER (L)	NYB Sugar (SB)	NYB	KNNVVVVVHZ+H+H+K+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDSBOB	Macquarie Minimum Drawdown Soybean Oil Version B Beta ER (S)	CBT Soybean Oil (BO)	CBT	HHKKNNZZZF+F+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDSCNB	Macquarie Minimum Drawdown Corn Version B Beta ER (S)	CBT Corn (C)	CBT	HHKKNNUUZZZH+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDSCLB	Macquarie Minimum Drawdown Crude Oil (WTI) Version B Beta ER (S)	NYM WTI Crude Oil (CL)	NYM	HHKKNNUUXXF+F+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDSCTB	Macquarie Minimum Drawdown Cotton Version B Beta ER (S)	NYB Cotton (CT)	NYB	HHKKNNZZZZHZ+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQDSLH	Macquarie Minimum Drawdown Lean Hogs Version B Beta ER (S)	CME Lean Hogs (LH)	CME	GJJMMNQVVZZG+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER

MQSDSALB	Macquarie Minimum Drawdown Aluminium Version B Beta ER (S)	LME Aluminium (LA)	LME	HHKKNNUUXXF+F+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDSNGB	Macquarie Minimum Drawdown Natural Gas Version B Beta ER (S)	NYM Natural Gas (NG)	NYM	GKKKNNUUZZF+F+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDSSBB	Macquarie Minimum Drawdown Sugar Version B Beta ER (S)	NYB Sugar (SB)	NYB	HHKKNNVVVH+H+H+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDSHGB	Macquarie Minimum Drawdown High Grade Copper Version B Beta ER (S)	CMX High Grade Copper (HG)	CMX	HHKKNNUUZZZH+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDLHGB	Macquarie Minimum Drawdown High Grade Copper Version B Beta ER (L)	CMX High Grade Copper (HG)	CMX	HKKNNUUZZZH+H+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDSHOB	Macquarie Minimum Drawdown Heating Oil Version B Beta ER (S)	NYM Heating Oil (HO)	NYM	GKKKNNUUZZF+F+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDLHOB	Macquarie Minimum Drawdown Heating Oil Version B Beta ER (L)	NYM Heating Oil (HO)	NYM	HNNNUUVXF+F+H+H+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDSLNB	Macquarie Minimum Drawdown Nickel Version B Beta ER (S)	LME Nickel (LN)	LME	HHKKNNUUXXF+F+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDLLNB	Macquarie Minimum Drawdown Nickel Version B Beta ER (L)	LME Nickel (LN)	LME	KNNUUXXF+F+H+H+K+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDSLXB	Macquarie Minimum Drawdown Zinc Version B Beta ER (S)	LME Zinc (LX)	LME	HHKKNNUUXXF+F+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDLLXB	Macquarie Minimum Drawdown Zinc Version B Beta ER (L)	LME Zinc (LX)	LME	KNNUUXXF+F+H+H+K+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDSLLB	Macquarie Minimum Drawdown Lead Version B Beta ER (S)	LME Lead (LL)	LME	HHKKNNUUXXF+F+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDLLLBB	Macquarie Minimum Drawdown Lead Version B Beta ER (L)	LME Lead (LL)	LME	KNNUUXXF+F+H+H+K+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER

MQSDSXBB	Macquarie Minimum Drawdown Unleaded Gasoline Version B Beta ER (S)	NYM Unleaded Gasoline (XB)	NYM	GKKKNUUZZF+F+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDLXBB	Macquarie Minimum Drawdown Unleaded Gasoline Version B Beta ER (L)	NYM Unleaded Gasoline (XB)	NYM	HNNNUUVXF+F+H+H+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDLKCB	Macquarie Minimum Drawdown Coffee Version B Beta ER (L)	NYB Coffee (KC)	NYB	KNNUUUUUH+H+H+K+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDSKCB	Macquarie Minimum Drawdown Coffee Version B Beta ER (S)	NYB Coffee (KC)	NYB	HHKKNUUZZZH+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDLLCB	Macquarie Minimum Drawdown Live Cattle Version B Beta ER (L)	CME Live Cattle (LC)	CME	QVVZZG+G+J+J+M+M+Q+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDSLCB	Macquarie Minimum Drawdown Live Cattle Version B Beta ER (S)	CME Live Cattle (LC)	CME	GJJMMQQVZZG+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDLSMB	Macquarie Minimum Drawdown Soybean Meal Version B Beta ER (L)	CBT Soybean Meal (SM)	CBT	KNNNNNZF+F+H+H+K+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDSSMB	Macquarie Minimum Drawdown Soybean Meal Version B Beta ER (S)	CBT Soybean Meal (SM)	CBT	HHKKNNZZZF+F+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDLSB	Macquarie Minimum Drawdown Soybeans Version B Beta ER (L)	CBT Soybeans (S)	CBT	KNNNNNF+F+F+H+H+K+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQDSSB	Macquarie Minimum Drawdown Soybeans Version B Beta ER (S)	CBT Soybeans (S)	CBT	HHKKNNXXXXF+F+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDLWB	Macquarie Minimum Drawdown Wheat (Chicago) Version B Beta ER (L)	CBT Wheat (Chicago) (W)	CBT	NNNNNNZZK+N+N+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDSWB	Macquarie Minimum Drawdown Wheat (Chicago) Version B Beta ER (S)	CBT Wheat (Chicago) (W)	CBT	HHKKNUUZZZH+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDLKWB	Macquarie Minimum Drawdown Wheat (Kansas) Version B Beta ER (L)	CBT Wheat (Kansas) (KW)	CBT	NNNNNNZZK+N+N+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER

MQSDSKWB	Macquarie Minimum Drawdown Wheat (Kansas) Version B Beta ER (S)	CBT Wheat (Kansas) (KW)	CBT	HHKKNNUUZZZH+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSYNGRG	Macquarie Natural Gas Annual Roll Index Version G	NYM Natural Gas (NG)	NYM	J+J+J+J+J+J+J+J+J++J++	5	5	100	04-Jan-00	03-Feb-18	New York Mercantile Exchange	ER
MQSYNGRGT	Macquarie Natural Gas Annual Roll Index Version G	NYM Natural Gas (NG)	NYM	J+J+J+J+J+J+J+J+J++J++	5	5	100	04-Jan-00	03-Feb-18	New York Mercantile Exchange	TR
MQSYNGRH	Macquarie Natural Gas Annual Roll Index Version H	NYM Natural Gas (NG)	NYM	VVVVV+V+V+V+V+V+V+V+	5	5	100	04-Jan-00	16-Aug-18	New York Mercantile Exchange	ER
MQSYNGRHT	Macquarie Natural Gas Annual Roll Index Version H TR Index	NYM Natural Gas (NG)	NYM	VVVVV+V+V+V+V+V+V+V+	5	5	100	04-Jan-00	16-Aug-18	New York Mercantile Exchange	TR
MQSYSXRC	Macquarie Soybeans Annual Roll Index Version C	CBT Soybeans (S)	CBT	X+X+X+X+X+X+X+X+X+X+X++X++	5	5	100	30-Dec-05	23-Jan-18	New York Mercantile Exchange	ER
MQSYSXRCT	Macquarie Soybeans Annual Roll Index Version C	CBT Soybeans (S)	CBT	X+X+X+X+X+X+X+X+X+X+X+X++X++	5	5	100	30-Dec-05	23-Jan-18	New York Mercantile Exchange	TR
MQSDBOOM	Macquarie Extended Roll Single Commodity Soybean Oil type A ER Index	CBT Soybean Oil (BO)	CBT	HHKKNNZZZF+F+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDCLOM	Macquarie Extended Roll Single Commodity WTI Crude Oil type A ER Index	NYM WTI Crude Oil (CL)	NYM	HHKKNNUUXXF+F+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDCTOM	Macquarie Extended Roll Single Commodity Cotton type A ER Index	NYB Cotton (CT)	NYB	HHKKNNZZZZH+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDCX0M	Macquarie Extended Roll Single Commodity Corn type A ER Index	CBT Corn (C)	CBT	HHKKNNUUZZZH+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDHG0M	Macquarie Extended Roll Single Commodity High Grade Copper type A ER Index	CMX High Grade Copper (HG)	CMX	HHKKNNUUZZZH+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDHO0M	Macquarie Extended Roll Single Commodity Heating Oil type A ER Index	NYM Heating Oil (HO)	NYM	HHKKNNUUXXF+F+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER

MQSDKCOM	Macquarie Extended Roll Single Commodity Coffee type A ER Index	NYB Coffee (KC)	NYB	HHKKNNUUZZZH+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDKW0M	Macquarie Extended Roll Single Commodity Wheat (Kansas) type A ER Index	CBT Wheat (Kansas) (KW)	CBT	HHKKNNUUZZZH+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLA0M	Macquarie Extended Roll Single Commodity Aluminium type A ER Index	LME Aluminium (LA)	LME	HHKKNNUUXXF+F+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLCOM	Macquarie Extended Roll Single Commodity Live Cattle type A ER Index	CME Live Cattle (LC)	CME	GJJMMQQVVZZG+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLH0M	Macquarie Extended Roll Single Commodity Lean Hogs type A ER Index	CME Lean Hogs (LH)	CME	GJJMMMNQVVZZG+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLN0M	Macquarie Extended Roll Single Commodity Nickel type A ER Index	LME Nickel (LN)	LME	HHKKNNUUXXF+F+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLX0M	Macquarie Extended Roll Single Commodity Zinc type A ER Index	LME Zinc (LX)	LME	HHKKNNUUXXF+F+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDNG0M	Macquarie Extended Roll Single Commodity Natural Gas type A ER Index	NYM Natural Gas (NG)	NYM	HHKKNNUUXXF+F+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDSB0M	Macquarie Extended Roll Single Commodity Sugar type A ER Index	NYB Sugar (SB)	NYB	HHKKNNVVVH+H+H+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDSM0M	Macquarie Extended Roll Single Commodity Soybean Meal type A ER Index	CBT Soybean Meal (SM)	CBT	HHKKNNZZZF+F+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDSX0M	Macquarie Extended Roll Single Commodity Soybeans type A ER Index	CBT Soybeans (S)	CBT	HHKKNNXXXXF+F+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDWX0M	Macquarie Extended Roll Single Commodity Wheat (Chicago) type A ER Index	CBT Wheat (Chicago) (W)	CBT	HHKKNNUUZZZH+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDXB0M	Macquarie Extended Roll Single Commodity Unleaded Gasoline type A ER Index	NYM Unleaded Gasoline (XB)	NYM	HHKKNNUUXXF+F+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER

MQSDBO6M	Macquarie Extended Roll Single Commodity Soybean Oil type A 6 month forward ER Index	CBT Soybean Oil (BO)	CBT	ZZZZF+F+H+H+K+K+N+N+-6		15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDCL6M	Macquarie Extended Roll Single Commodity WTI Crude Oil type A 6 month forward ER Index	NYM WTI Crude Oil (CL)	NYM	UUXXF+F+H+H+K+K+N+N+-6		15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDCT6M	Macquarie Extended Roll Single Commodity Cotton type A 6 month forward ER Index	NYB Cotton (CT)	NYB	ZZZZH+H+H+K+K+N+N+-6		15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDCX6M	Macquarie Extended Roll Single Commodity Corn type A 6 month forward ER Index	CBT Corn (C)	CBT	UUZZH+H+H+K+K+N+N+-6		15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDHG6M	Macquarie Extended Roll Single Commodity High Grade Copper type A 6 month forward ER Index	CMX High Grade Copper (HG)	CMX	UUZZH+H+H+K+K+N+N+-6		15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDHO6M	Macquarie Extended Roll Single Commodity Heating Oil type A 6 month forward ER Index	NYM Heating Oil (HO)	NYM	UUXXF+F+H+H+K+K+N+N+-6		15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDKC6M	Macquarie Extended Roll Single Commodity Coffee type A 6 month forward ER Index	NYB Coffee (KC)	NYB	UUZZH+H+H+K+K+N+N+-6		15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDKW6M	Macquarie Extended Roll Single Commodity Wheat (Kansas) type A 6 month forward ER Index	CBT Wheat (Kansas) (KW)	CBT	UUZZH+H+H+K+K+N+N+-6		15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLA6M	Macquarie Extended Roll Single Commodity Aluminium type A 6 month forward ER Index	LME Aluminium (LA)	LME	UUXXF+F+H+H+K+K+N+N+-6		15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLC6M	Macquarie Extended Roll Single Commodity Live Cattle type A 6 month forward ER Index	CME Live Cattle (LC)	CME	QQVVZZG+G+J+J+M+M+-6		15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLH6M	Macquarie Extended Roll Single Commodity Lean Hogs type A 6 month forward ER Index	CME Lean Hogs (LH)	CME	NQVVZZG+G+J+J+M+M+-6		15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLN6M	Macquarie Extended Roll Single Commodity Nickel type A 6 month forward ER Index	LME Nickel (LN)	LME	UUXXF+F+H+H+K+K+N+N+-6		15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLX6M	Macquarie Extended Roll Single Commodity Zinc type A 6 month forward ER Index	LME Zinc (LX)	LME	UUXXF+F+H+H+K+K+N+N+-6		15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER

MQSDNG6M	Macquarie Extended Roll Single Commodity Natural Gas type A 6 month forward ER Index	NYM Natural Gas (NG)	NYM	UUXXF+F+H+H+K+K+N+N+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDSB6M	Macquarie Extended Roll Single Commodity Sugar type A 6 month forward ER Index	NYB Sugar (SB)	NYB	VVVH+H+H+H+H+K+K+N+N+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDSM6M	Macquarie Extended Roll Single Commodity Soybean Meal type A 6 month forward ER Index	CBT Soybean Meal (SM)	CBT	ZZZF+F+H+H+K+K+N+N+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDSX6M	Macquarie Extended Roll Single Commodity Soybeans type A 6 month forward ER Index	CBT Soybeans (S)	CBT	XXXXF+F+H+H+K+K+N+N+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDWX6M	Macquarie Extended Roll Single Commodity Wheat (Chicago) type A 6 month forward ER Index	CBT Wheat (Chicago) (W)	CBT	UUZZH+H+H+K+K+N+N+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDXB6M	Macquarie Extended Roll Single Commodity Unleaded Gasoline type A 6 month forward ER Index	NYM Unleaded Gasoline (XB)	NYM	NUUXXF+F+H+H+K+K+N+N+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDSALC	Macquarie Extended Roll Minimum Drawdown Aluminium ER (S)	LME Aluminium (LA)	LME	HHKKNNUUXXF+F+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDSBOC	Macquarie Extended Roll Minimum Drawdown Soybean Oil ER (S)	CBT Soybean Oil (BO)	CBT	HHKKNNZZZF+F+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDSCLC	Macquarie Extended Roll Minimum Drawdown WTI Crude Oil ER (S)	NYM WTI Crude Oil (CL)	NYM	HHKKNNUUXXF+F+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSYCLQA	Macquarie Extended Roll Minimum Drawdown WTI Crude Oil ER 3 Month Forward (S)	NYM WTI Crude Oil (CL)	NYM	HMMMUUUZZZH+H+	-6	15	100	04-Jan-00	27-Apr-20	New York Mercantile Exchange	ER
MQSYCLQB	Macquarie Extended Roll Minimum Drawdown WTI Crude Oil ER 6 Month Forward (S)	NYM WTI Crude Oil (CL)	NYM	MUUUZZH+H+H+M+M+	-6	15	100	04-Jan-00	27-Apr-20	New York Mercantile Exchange	ER
MQSYCLQC	Macquarie Extended Roll Minimum Drawdown WTI Crude Oil ER 9 Month Forward (S)	NYM WTI Crude Oil (CL)	NYM	UZZZH+H+H+M+M+M+U+U+	-6	15	100	04-Jan-00	27-Apr-20	New York Mercantile Exchange	ER
MQSDSCNC	Macquarie Extended Roll Minimum Drawdown Corn ER (S)	CBT Corn (C)	CBT	HHKKNNUUZZZH+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER

MQSDSCTC	Macquarie Extended Roll Minimum Drawdown Cotton ER (S)	NYB Cotton (CT)	NYB	HHKKNNZZZZH+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDSHGC	Macquarie Extended Roll Minimum Drawdown High Grade Copper ER (S)	CMX High Grade Copper (HG)	CMX	HHKKNNUUZZZH+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDSHOC	Macquarie Extended Roll Minimum Drawdown Heating Oil ER (S)	NYM Heating Oil (HO)	NYM	GKKKNNUUZZF+F+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSYHOQA	Macquarie Extended Roll Minimum Drawdown Heating Oil ER 3 Month Forward (S)	NYM Heating Oil (HO)	NYM	HMMMUUUZZZH+H+	-6	15	100	04-Jan-00	27-Apr-20	New York Mercantile Exchange	ER
MQSYHOQB	Macquarie Extended Roll Minimum Drawdown Heating Oil ER 6 Month Forward (S)	NYM Heating Oil (HO)	NYM	MUUUZZZH+H+H+M+M+	-6	15	100	04-Jan-00	27-Apr-20	New York Mercantile Exchange	ER
MQSYHOQC	Macquarie Extended Roll Minimum Drawdown Heating Oil ER 9 Month Forward (S)	NYM Heating Oil (HO)	NYM	UZZZH+H+H+M+M+M+U+U+	-6	15	100	04-Jan-00	27-Apr-20	New York Mercantile Exchange	ER
MQSDSKCC	Macquarie Extended Roll Minimum Drawdown Coffee ER (S)	NYB Coffee (KC)	NYB	HHKKNNUUZZZH+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDSKWC	Macquarie Extended Roll Minimum Drawdown Wheat (Kansas) ER (S)	CBT Wheat (Kansas) (KW)	CBT	HHKKNNUUZZZH+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQDSLCC	Macquarie Extended Roll Minimum Drawdown Live Cattle ER (S)	CME Live Cattle (LC)	CME	GJJMMQQVVZZG+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQDSLHC	Macquarie Extended Roll Minimum Drawdown Lean Hogs ER (S)	CME Lean Hogs (LH)	CME	GJJMMMNQVVZZG+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQDSLNC	Macquarie Extended Roll Minimum Drawdown Nickel ER (S)	LME Nickel (LN)	LME	HHKKNNUUXXF+F+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQDSLXC	Macquarie Extended Roll Minimum Drawdown Zinc ER (S)	LME Zinc (LX)	LME	HHKKNNUUXXF+F+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDSNGC	Macquarie Extended Roll Minimum Drawdown Natural Gas ER (S)	NYM Natural Gas (NG)	NYM	GKKKNNUUZZF+F+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER

MQSDSSBC	Macquarie Extended Roll Minimum Drawdown Sugar ER (S)	NYB Sugar (SB)	NYB	HHKKNNVVVH+H+H+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDSSC	Macquarie Extended Roll Minimum Drawdown Soybeans ER (S)	CBT Soybeans (S)	CBT	HHKKNNXXXXF+F+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDSSMC	Macquarie Extended Roll Minimum Drawdown Soybean Meal ER (S)	CBT Soybean Meal (SM)	CBT	HHKKNNZZZF+F+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDSWC	Macquarie Extended Roll Minimum Drawdown Wheat (Chicago) ER (S)	CBT Wheat (Chicago) (W)	CBT	HHKKNNUUZZZH+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDSXBC	Macquarie Extended Roll Minimum Drawdown Unleaded Gasoline ER (S)	NYM Unleaded Gasoline (XB)	NYM	GKKKNUUZZF+F+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSYXBQA	Macquarie Extended Roll Minimum Drawdown Unleaded Gasoline ER 3 Month Forward (S)	NYM Unleaded Gasoline (XB)	NYM	HMMMUUUZZZH+H+	-6	15	100	04-Jan-00	27-Apr-20	New York Mercantile Exchange	ER
MQSYXBQB	Macquarie Extended Roll Minimum Drawdown Unleaded Gasoline ER 6 Month Forward (S)	NYM Unleaded Gasoline (XB)	NYM	MUUUZZZH+H+H+M+M+	-6	15	100	04-Jan-00	27-Apr-20	New York Mercantile Exchange	ER
MQSYXBQC	Macquarie Extended Roll Minimum Drawdown Unleaded Gasoline ER 9 Month Forward (S)	NYM Unleaded Gasoline (XB)	NYM	Prior to (but excluding) 24 March 2006 MUUUZZZH+H+H+M+M+ After (and including) 24 March 2006 UZZZH+H+H+M+M+M+U+U+	-6	15	100	04-Jan-00	27-Apr-20	New York Mercantile Exchange	ER
MQSDLALC	Macquarie Extended Roll Minimum Drawdown Aluminium ER (L)	LME Aluminium (LA)	LME	KNNUUXXF+F+H+H+K+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLBOC	Macquarie Extended Roll Minimum Drawdown Soybean Oil ER (L)	CBT Soybean Oil (BO)	CBT	KNNNNNZF+F+H+H+K+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLCLC	Macquarie Extended Roll Minimum Drawdown WTI Crude Oil ER (L)	NYM WTI Crude Oil (CL)	NYM	KNNUUXXF+F+H+H+K+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER

MQSDLCNC	Macquarie Extended Roll Minimum Drawdown Corn ER (L)	CBT Corn (C)	CBT	KNNNNNZH+H+H+K+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLCTC	Macquarie Extended Roll Minimum Drawdown Cotton ER (L)	NYB Cotton (CT)	NYB	KNNZZZZZH+H+K+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLHGC	Macquarie Extended Roll Minimum Drawdown High Grade Copper ER (L)	CMX High Grade Copper (HG)	CMX	HKKNUUZZZH+H+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLHOC	Macquarie Extended Roll Minimum Drawdown Heating Oil ER (L)	NYM Heating Oil (HO)	NYM	HNNNUUVXF+F+H+H+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLKCC	Macquarie Extended Roll Minimum Drawdown Coffee ER (L)	NYB Coffee (KC)	NYB	KNNUUUUUH+H+H+K+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLKWC	Macquarie Extended Roll Minimum Drawdown Wheat (Kansas) ER (L)	CBT Wheat (Kansas) (KW)	CBT	NNNNNNZZK+N+N+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLLLCC	Macquarie Extended Roll Minimum Drawdown Live Cattle ER (L)	CME Live Cattle (LC)	CME	QVVZZG+G+J+J+M+M+Q+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLLLHC	Macquarie Extended Roll Minimum Drawdown Lean Hogs ER (L)	CME Lean Hogs (LH)	CME	QVVZZG+G+J+J+M+M+N+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLLLNC	Macquarie Extended Roll Minimum Drawdown Nickel ER (L)	LME Nickel (LN)	LME	KNNUUXXF+F+H+H+K+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLLLXC	Macquarie Extended Roll Minimum Drawdown Zinc ER (L)	LME Zinc (LX)	LME	KNNUUXXF+F+H+H+K+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLNGC	Macquarie Extended Roll Minimum Drawdown Natural Gas ER (L)	NYM Natural Gas (NG)	NYM	HNNNUUVXF+F+H+H+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLSBC	Macquarie Extended Roll Minimum Drawdown Sugar ER (L)	NYB Sugar (SB)	NYB	KNNVVVVVH+H+H+K+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLSC	Macquarie Extended Roll Minimum Drawdown Soybeans ER (L)	CBT Soybeans (S)	CBT	KNNNNNF+F+F+H+H+K+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER

MQSDLSMC	Macquarie Extended Roll Minimum Drawdown Soybean Meal ER (L)	CBT Soybean Meal (SM)	CBT	KNNNNNZF+F+H+H+K+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLWC	Macquarie Extended Roll Minimum Drawdown Wheat (Chicago) ER (L)	CBT Wheat (Chicago) (W)	CBT	NNNNNNZZK+N+N+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLXBC	Macquarie Extended Roll Minimum Drawdown Unleaded Gasoline ER (L)	NYM Unleaded Gasoline (XB)	NYM	HNNNUUVXF+F+H+H+	-6	15	100	04-Jan-00	12-Jun-18	New York Mercantile Exchange	ER
MQSDLHGD	Macquarie High Grade Copper Version D Beta ER (L)	CMX High Grade Copper (HG)	CMX	KNNUUZZH+H+H+K+	-1	5	100	04-Jan-00	05-Oct-18	New York Mercantile Exchange	ER
MQSDSHGD	Macquarie High Grade Copper Version D Beta ER (S)	CMX High Grade Copper (HG)	CMX	HHKKNNUUZZH+	-1	5	100	04-Jan-00	05-Oct-18	New York Mercantile Exchange	ER
MQSCNG0A	Macquarie Custom (BD7 to BD14) Roll Single Commodity Natural Gas type B ER Index	NYM Natural Gas (NG)	NYM	GHJKMNQUVXZF+	7	8	100	04-Jan-00	16-Nov-18	New York Mercantile Exchange	ER
MQSDNG6A	Macquarie Custom (BD7 to BD14) Roll Single Commodity Natural Gas type A 6 month forward ER Index	NYM Natural Gas (NG)	NYM	UUXXF+F+H+H+K+K+N+N+	7	8	100	04-Jan-00	16-Nov-18	New York Mercantile Exchange	ER
MQSDLPER	Macquarie Single Commodity LME Copper (LP) type A ER Index	LME Copper (LP)	LME	HHKKNNUUXXF+F+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLP1E	Macquarie Single Commodity LME Copper (LP) type A 1 month forward ER Index	LME Copper (LP)	LME	HKKNNUUXXF+F+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDBO2E	Macquarie Single Commodity CBOT Soybean Oil (BO) type A 2 month forward ER Index	CBT Soybean Oil (BO)	CBT	KKNNZZZF+F+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDC2E	Macquarie Single Commodity CBOT Corn (C) type A 2 month forward ER Index	CBT Corn (C)	CBT	KKNNUUZZH+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDCC2E	Macquarie Single Commodity NYBOT Cocoa (CC) type A 2 month forward ER Index	NYB Cocoa (CC)	NYB	KKNNUUZZH+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDCL2E	Macquarie Single Commodity NYMEX WTI Crude Oil (CL) type A 2 month forward ER Index	NYM WTI Crude Oil (CL)	NYM	KKNNUUXXF+F+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQSDCT2E	Macquarie Single Commodity NYBOT Cotton (CT) type A 2 month forward ER Index	NYB Cotton (CT)	NYB	KKNNZZZZH+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDFC2E	Macquarie Single Commodity CME Feeder Cattle (FC) type A 2 month forward ER Index	CME Feeder Cattle (FC)	CME	KKQQQVVF+F+F+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDGC2E	Macquarie Single Commodity COMEX Gold (GC) type A 2 month forward ER Index	CMX Gold (GC)	CMX	JMMQQZZZG+G+J+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDHG2E	Macquarie Single Commodity COMEX High Grade Copper (HG) type A 2 month forward ER Index	CMX High Grade Copper (HG)	CMX	KKNNUUZZH+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDHO2E	Macquarie Single Commodity NYMEX Heating Oil (HO) type A 2 month forward ER Index	NYM Heating Oil (HO)	NYM	KKNNUUXXF+F+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDKC2E	Macquarie Single Commodity NYBOT Coffee (KC) type A 2 month forward ER Index	NYB Coffee (KC)	NYB	KKNNUUZZH+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDKW2E	Macquarie Single Commodity KCBOT Wheat (Kansas) (KW) type A 2 month forward ER Index	CBT Wheat (Kansas) (KW)	CBT	KKNNUUZZH+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLC2E	Macquarie Single Commodity CME Live Cattle (LC) type A 2 month forward ER Index	CME Live Cattle (LC)	CME	JMMQQVVZZG+G+J+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDCO2E	Macquarie Single Commodity ICE Brent Crude Oil (CO) type A 2 month forward ER Index	ICE Brent Crude Oil (CO)	ICE	KNNUUXXF+F+H+H+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDQS2E	Macquarie Single Commodity ICE Gas Oil (QS) type A 2 month forward ER Index	ICE Gas Oil (QS)	ICE	KKNNUUXXF+F+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLH2E	Macquarie Single Commodity CME Lean Hogs (LH) type A 2 month forward ER Index	CME Lean Hogs (LH)	CME	JMMNQVVZZG+G+J+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLA2E	Macquarie Single Commodity LME Aluminium (LA) type A 2 month forward ER Index	LME Aluminium (LA)	LME	KKNNUUXXF+F+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLN2E	Macquarie Single Commodity LME Nickel (LN) type A 2 month forward ER Index	LME Nickel (LN)	LME	KKNNUUXXF+F+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQSDL2E	Macquarie Single Commodity LME Lead (LL) type A 2 month forward ER Index	LME Lead (LL)	LME	KKNNUUXXF+F+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLT2E	Macquarie Single Commodity LME Tin (LT) type A 2 month forward ER Index	LME Tin (LT)	LME	KKNNUUXXF+F+H+H+	5	5	100	03-Jan-06	03-Apr-19	New York Mercantile Exchange	ER
MQSDLX2E	Macquarie Single Commodity LME Zinc (LX) type A 2 month forward ER Index	LME Zinc (LX)	LME	KKNNUUXXF+F+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDNG2E	Macquarie Single Commodity NYMEX Natural Gas (NG) type A 2 month forward ER Index	NYM Natural Gas (NG)	NYM	KKNNUUXXF+F+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDJO2E	Macquarie Single Commodity NYMEX Orange Juice (JO) type A 2 month forward ER Index	NYB Orange Juice (JO)	NYB	KKNNUUXXF+F+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDPL2E	Macquarie Single Commodity COMEX Platinum (PL) type A 2 month forward ER Index	NYM Platinum (PL)	NYM	JNNNVVVF+F+F+J+J+	5	5	100	03-Jan-06	03-Apr-19	New York Mercantile Exchange	ER
MQSDXB2E	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) type A 2 month forward ER Index	NYM Unleaded Gasoline (XB)	NYM	KKNNUUXXF+F+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDS2E	Macquarie Single Commodity CBOT Soybeans (S) type A 2 month forward ER Index	CBT Soybeans (S)	CBT	KKNNXXXXF+F+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDSB2E	Macquarie Single Commodity NYBOT Sugar (SB) type A 2 month forward ER Index	NYB Sugar (SB)	NYB	KKNNVVVH+H+H+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDSI2E	Macquarie Single Commodity COMEX Silver (SI) type A 2 month forward ER Index	CMX Silver (SI)	CMX	KKNNUUZZH+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDSM2E	Macquarie Single Commodity CBOT Soybean Meal (SM) type A 2 month forward ER Index	CBT Soybean Meal (SM)	CBT	KKNNZZZF+F+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDW2E	Macquarie Single Commodity CBOT Wheat (Chicago) (W) type A 2 month forward ER Index	CBT Wheat (Chicago) (W)	CBT	KKNNUUZZH+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLP2E	Macquarie Single Commodity LME Copper (LP) type A 2 month forward ER Index	LME Copper (LP)	LME	KKNNUUXXF+F+H+H+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQSDLP3E	Macquarie Single Commodity LME Copper (LP) type A 3 month forward ER Index	LME Copper (LP)	LME	KNNUUXXF+F+H+H+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDBO4E	Macquarie Single Commodity CBOT Soybean Oil (BO) type A 4 month forward ER Index	CBT Soybean Oil (BO)	CBT	NNZZZF+F+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDC4E	Macquarie Single Commodity CBOT Corn (C) type A 4 month forward ER Index	CBT Corn (C)	CBT	NNUUZZH+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDCC4E	Macquarie Single Commodity NYBOT Cocoa (CC) type A 4 month forward ER Index	NYB Cocoa (CC)	NYB	NNUUZZH+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDCL4E	Macquarie Single Commodity NYMEX WTI Crude Oil (CL) type A 4 month forward ER Index	NYM WTI Crude Oil (CL)	NYM	NNUUXXF+F+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDCT4E	Macquarie Single Commodity NYBOT Cotton (CT) type A 4 month forward ER Index	NYB Cotton (CT)	NYB	NNZZZZH+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDFC4E	Macquarie Single Commodity CME Feeder Cattle (FC) type A 4 month forward ER Index	CME Feeder Cattle (FC)	CME	QQQVVF+F+F+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDGC4E	Macquarie Single Commodity COMEX Gold (GC) type A 4 month forward ER Index	CMX Gold (GC)	CMX	MQQZZZG+G+J+J+M+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDHG4E	Macquarie Single Commodity COMEX High Grade Copper (HG) type A 4 month forward ER Index	CMX High Grade Copper (HG)	CMX	NNUUZZH+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDHO4E	Macquarie Single Commodity NYMEX Heating Oil (HO) type A 4 month forward ER Index	NYM Heating Oil (HO)	NYM	NNUUXXF+F+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDKC4E	Macquarie Single Commodity NYBOT Coffee (KC) type A 4 month forward ER Index	NYB Coffee (KC)	NYB	NNUUZZH+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDKW4E	Macquarie Single Commodity KCBOT Wheat (Kansas) (KW) type A 4 month forward ER Index	CBT Wheat (Kansas) (KW)	CBT	NNUUZZH+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLC4E	Macquarie Single Commodity CME Live Cattle (LC) type A 4 month forward ER Index	CME Live Cattle (LC)	CME	MQQVVZZG+G+J+J+M+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQSDCO4E	Macquarie Single Commodity ICE Brent Crude Oil (CO) type A 4 month forward ER Index	ICE Brent Crude Oil (CO)	ICE	NUUXXF+F+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDQS4E	Macquarie Single Commodity ICE Gas Oil (QS) type A 4 month forward ER Index	ICE Gas Oil (QS)	ICE	NNUUXXF+F+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLH4E	Macquarie Single Commodity CME Lean Hogs (LH) type A 4 month forward ER Index	CME Lean Hogs (LH)	CME	MNQVVZZG+G+J+J+M+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLA4E	Macquarie Single Commodity LME Aluminium (LA) type A 4 month forward ER Index	LME Aluminium (LA)	LME	NNUUXXF+F+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLN4E	Macquarie Single Commodity LME Nickel (LN) type A 4 month forward ER Index	LME Nickel (LN)	LME	NNUUXXF+F+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLL4E	Macquarie Single Commodity LME Lead (LL) type A 4 month forward ER Index	LME Lead (LL)	LME	NNUUXXF+F+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLT4E	Macquarie Single Commodity LME Tin (LT) type A 4 month forward ER Index	LME Tin (LT)	LME	NNUUXXF+F+H+H+K+K+	5	5	100	03-Jan-06	03-Apr-19	New York Mercantile Exchange	ER
MQSDLX4E	Macquarie Single Commodity LME Zinc (LX) type A 4 month forward ER Index	LME Zinc (LX)	LME	NNUUXXF+F+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDNG4E	Macquarie Single Commodity NYMEX Natural Gas (NG) type A 4 month forward ER Index	NYM Natural Gas (NG)	NYM	NNUUXXF+F+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDJO4E	Macquarie Single Commodity NYMEX Orange Juice (JO) type A 4 month forward ER Index	NYB Orange Juice (JO)	NYB	NNUUXXF+F+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDXB4E	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) type A 4 month forward ER Index	NYM Unleaded Gasoline (XB)	NYM	NNUUXXF+F+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDS4E	Macquarie Single Commodity CBOT Soybeans (S) type A 4 month forward ER Index	CBT Soybeans (S)	CBT	NNXXXXF+F+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDSB4E	Macquarie Single Commodity NYBOT Sugar (SB) type A 4 month forward ER Index	NYB Sugar (SB)	NYB	NNVVVH+H+H+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQSDSI4E	Macquarie Single Commodity COMEX Silver (SI) type A 4 month forward ER Index	CMX Silver (SI)	CMX	NNUUZZH+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDSM4E	Macquarie Single Commodity CBOT Soybean Meal (SM) type A 4 month forward ER Index	CBT Soybean Meal (SM)	CBT	NNZZZZF+F+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDW4E	Macquarie Single Commodity CBOT Wheat (Chicago) (W) type A 4 month forward ER Index	CBT Wheat (Chicago) (W)	CBT	NNUUZZH+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLP4E	Macquarie Single Commodity LME Copper (LP) type A 4 month forward ER Index	LME Copper (LP)	LME	NNUUXXF+F+H+H+K+K+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDBO5E	Macquarie Single Commodity CBOT Soybean Oil (BO) type A 5 month forward ER Index	CBT Soybean Oil (BO)	CBT	NZZZZF+F+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDC5E	Macquarie Single Commodity CBOT Corn (C) type A 5 month forward ER Index	CBT Corn (C)	CBT	NUUZZH+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDCC5E	Macquarie Single Commodity NYBOT Cocoa (CC) type A 5 month forward ER Index	NYB Cocoa (CC)	NYB	NUUZZH+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDCL5E	Macquarie Single Commodity NYMEX WTI Crude Oil (CL) type A 5 month forward ER Index	NYM WTI Crude Oil (CL)	NYM	NUUXXF+F+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDCT5E	Macquarie Single Commodity NYBOT Cotton (CT) type A 5 month forward ER Index	NYB Cotton (CT)	NYB	NZZZZH+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDFC5E	Macquarie Single Commodity CME Feeder Cattle (FC) type A 5 month forward ER Index	CME Feeder Cattle (FC)	CME	QQVVF+F+F+H+H+K+K+Q+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDGC5E	Macquarie Single Commodity COMEX Gold (GC) type A 5 month forward ER Index	CMX Gold (GC)	CMX	QQZZZG+G+J+J+M+M+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDHG5E	Macquarie Single Commodity COMEX High Grade Copper (HG) type A 5 month forward ER Index	CMX High Grade Copper (HG)	CMX	NUUZZH+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDHO5E	Macquarie Single Commodity NYMEX Heating Oil (HO) type A 5 month forward ER Index	NYM Heating Oil (HO)	NYM	NUUXXF+F+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQSDKC5E	Macquarie Single Commodity NYBOT Coffee (KC) type A 5 month forward ER Index	NYB Coffee (KC)	NYB	NUUZZH+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDKW5E	Macquarie Single Commodity KCBOT Wheat (Kansas) (KW) type A 5 month forward ER Index	CBT Wheat (Kansas) (KW)	CBT	NUUZZH+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLC5E	Macquarie Single Commodity CME Live Cattle (LC) type A 5 month forward ER Index	CME Live Cattle (LC)	CME	QQVVZZG+G+J+J+M+M+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDCO5E	Macquarie Single Commodity ICE Brent Crude Oil (CO) type A 5 month forward ER Index	ICE Brent Crude Oil (CO)	ICE	UUXXF+F+H+H+K+K+N+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDQS5E	Macquarie Single Commodity ICE Gas Oil (QS) type A 5 month forward ER Index	ICE Gas Oil (QS)	ICE	NUUXXF+F+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLH5E	Macquarie Single Commodity CME Lean Hogs (LH) type A 5 month forward ER Index	CME Lean Hogs (LH)	CME	NQVVZZG+G+J+J+M+M+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLA5E	Macquarie Single Commodity LME Aluminium (LA) type A 5 month forward ER Index	LME Aluminium (LA)	LME	NUUXXF+F+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLN5E	Macquarie Single Commodity LME Nickel (LN) type A 5 month forward ER Index	LME Nickel (LN)	LME	NUUXXF+F+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLLE5E	Macquarie Single Commodity LME Lead (LL) type A 5 month forward ER Index	LME Lead (LL)	LME	NUUXXF+F+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLT5E	Macquarie Single Commodity LME Tin (LT) type A 5 month forward ER Index	LME Tin (LT)	LME	NUUXXF+F+H+H+K+K+N+	5	5	100	03-Jan-06	03-Apr-19	New York Mercantile Exchange	ER
MQSDLX5E	Macquarie Single Commodity LME Zinc (LX) type A 5 month forward ER Index	LME Zinc (LX)	LME	NUUXXF+F+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDNG5E	Macquarie Single Commodity NYMEX Natural Gas (NG) type A 5 month forward ER Index	NYM Natural Gas (NG)	NYM	NUUXXF+F+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDJO5E	Macquarie Single Commodity NYMEX Orange Juice (JO) type A 5 month forward ER Index	NYB Orange Juice (JO)	NYB	NUUXXF+F+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQSDXB5E	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) type A 5 month forward ER Index	NYM Unleaded Gasoline (XB)	NYM	NUUXXF+F+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDS5E	Macquarie Single Commodity CBOT Soybeans (S) type A 5 month forward ER Index	CBT Soybeans (S)	CBT	NXXXXF+F+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDSB5E	Macquarie Single Commodity NYBOT Sugar (SB) type A 5 month forward ER Index	NYB Sugar (SB)	NYB	NVVVH+H+H+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDSI5E	Macquarie Single Commodity COMEX Silver (SI) type A 5 month forward ER Index	CMX Silver (SI)	CMX	NUUZZH+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDSM5E	Macquarie Single Commodity CBOT Soybean Meal (SM) type A 5 month forward ER Index	CBT Soybean Meal (SM)	CBT	NZZZF+F+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDW5E	Macquarie Single Commodity CBOT Wheat (Chicago) (W) type A 5 month forward ER Index	CBT Wheat (Chicago) (W)	CBT	NUUZZH+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLP5E	Macquarie Single Commodity LME Copper (LP) type A 5 month forward ER Index	LME Copper (LP)	LME	NUUXXF+F+H+H+K+K+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDFC6E	Macquarie Single Commodity CME Feeder Cattle (FC) type A 6 month forward ER Index	CME Feeder Cattle (FC)	CME	QVVF+F+F+H+H+K+K+Q+Q+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLP6E	Macquarie Single Commodity LME Copper (LP) type A 6 month forward ER Index	LME Copper (LP)	LME	UUXXF+F+H+H+K+K+N+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP0FC	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll type A ER Index	CME Feeder Cattle (FC)	CME	HHKKQQQVVF+F+F+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP0QS	Macquarie Single Commodity ICE Gas Oil (QS) Pre Roll type A ER Index	ICE Gas Oil (QS)	ICE	HHKKNNUUXXF+F+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP0LP	Macquarie Single Commodity LME Copper (LP) Pre Roll type A ER Index	LME Copper (LP)	LME	HHKKNNUUXXF+F+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1BO	Macquarie Single Commodity CBOT Soybean Oil (BO) Pre Roll type A 1 month forward ER Index	CBT Soybean Oil (BO)	CBT	HKKNZZZF+F+H+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQSDP1CX	Macquarie Single Commodity CBOT Corn (C) Pre Roll type A 1 month forward ER Index	CBT Corn (C)	CBT	HKKNNUUZZZH++	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1CC	Macquarie Single Commodity NYBOT Cocoa (CC) Pre Roll type A 1 month forward ER Index	NYB Cocoa (CC)	NYB	HKKNNUUZZZH++	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1CL	Macquarie Single Commodity NYMEX WTI Crude Oil (CL) Pre Roll type A 1 month forward ER Index	NYM WTI Crude Oil (CL)	NYM	HKKNNUUXXF+F+H+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1CT	Macquarie Single Commodity NYBOT Cotton (CT) Pre Roll type A 1 month forward ER Index	NYB Cotton (CT)	NYB	HKKNNZZZZH++	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1FC	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll type A 1 month forward ER Index	CME Feeder Cattle (FC)	CME	HKKQQQVVVF+F+F+H+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1GC	Macquarie Single Commodity COMEX Gold (GC) Pre Roll type A 1 month forward ER Index	CMX Gold (GC)	CMX	JJMMQQZGG+G+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1HG	Macquarie Single Commodity COMEX High Grade Copper (HG) Pre Roll type A 1 month forward ER Index	CMX High Grade Copper (HG)	CMX	HKKNNUUZZZH++	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1HO	Macquarie Single Commodity NYMEX Heating Oil (HO) Pre Roll type A 1 month forward ER Index	NYM Heating Oil (HO)	NYM	HKKNNUUXXF+F+H+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1KC	Macquarie Single Commodity NYBOT Coffee (KC) Pre Roll type A 1 month forward ER Index	NYB Coffee (KC)	NYB	HKKNNUUZZZH++	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1KW	Macquarie Single Commodity KCBOT Wheat (Kansas) (KW) Pre Roll type A 1 month forward ER Index	CBT Wheat (Kansas) (KW)	CBT	HKKNNUUZZZH++	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1LC	Macquarie Single Commodity CME Live Cattle (LC) Pre Roll type A 1 month forward ER Index	CME Live Cattle (LC)	CME	JJMMQQVVZZG+G+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1CO	Macquarie Single Commodity ICE Brent Crude Oil (CO) Pre Roll type A 1 month forward ER Index	ICE Brent Crude Oil (CO)	ICE	KKNNUUXXF+F+H+H+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1QS	Macquarie Single Commodity ICE Gas Oil (QS) Pre Roll type A 1 month forward ER Index	ICE Gas Oil (QS)	ICE	HKKNNUUXXF+F+H+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQSDP1LH	Macquarie Single Commodity CME Lean Hogs (LH) Pre Roll type A 1 month forward ER Index	CME Lean Hogs (LH)	CME	JJMMNQVVZZG+G+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1LA	Macquarie Single Commodity LME Aluminium (LA) Pre Roll type A 1 month forward ER Index	LME Aluminium (LA)	LME	HKKNNUUXXF+F+H+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1LN	Macquarie Single Commodity LME Nickel (LN) Pre Roll type A 1 month forward ER Index	LME Nickel (LN)	LME	HKKNNUUXXF+F+H+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1LX	Macquarie Single Commodity LME Zinc (LX) Pre Roll type A 1 month forward ER Index	LME Zinc (LX)	LME	HKKNNUUXXF+F+H+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1NG	Macquarie Single Commodity NYMEX Natural Gas (NG) Pre Roll type A 1 month forward ER Index	NYM Natural Gas (NG)	NYM	HKKNNUUXXF+F+H+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1XB	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) Pre Roll type A 1 month forward ER Index	NYM Unleaded Gasoline (XB)	NYM	HKKNNUUXXF+F+H+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1SX	Macquarie Single Commodity CBOT Soybeans (S) Pre Roll type A 1 month forward ER Index	CBT Soybeans (S)	CBT	HKKNNXXXXF+F+H+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1SB	Macquarie Single Commodity NYBOT Sugar (SB) Pre Roll type A 1 month forward ER Index	NYB Sugar (SB)	NYB	HKKNNVVVH+H+H+H+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1SI	Macquarie Single Commodity COMEX Silver (SI) Pre Roll type A 1 month forward ER Index	CMX Silver (SI)	CMX	HKKNNUUZZZH+H+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1SM	Macquarie Single Commodity CBOT Soybean Meal (SM) Pre Roll type A 1 month forward ER Index	CBT Soybean Meal (SM)	CBT	HKKNNZZZF+F+H+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1WX	Macquarie Single Commodity CBOT Wheat (Chicago) (W) Pre Roll type A 1 month forward ER Index	CBT Wheat (Chicago) (W)	CBT	HKKNNUUZZZH+H+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1LP	Macquarie Single Commodity LME Copper (LP) Pre Roll type A 1 month forward ER Index	LME Copper (LP)	LME	HKKNNUUXXF+F+H+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP2FC	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll type A 2 month forward ER Index	CME Feeder Cattle (FC)	CME	KKQQQVVVF+F+F+H+H+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQSDP2QS	Macquarie Single Commodity ICE Gas Oil (QS) Pre Roll type A 2 month forward ER Index	ICE Gas Oil (QS)	ICE	KKNNUUXXF+F+H+H+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP2LP	Macquarie Single Commodity LME Copper (LP) Pre Roll type A 2 month forward ER Index	LME Copper (LP)	LME	KKNNUUXXF+F+H+H+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP3FC	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll type A 3 month forward ER Index	CME Feeder Cattle (FC)	CME	KQQQVVF+F+F+H+H+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP3QS	Macquarie Single Commodity ICE Gas Oil (QS) Pre Roll type A 3 month forward ER Index	ICE Gas Oil (QS)	ICE	KNNUUXXF+F+H+H+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP3LP	Macquarie Single Commodity LME Copper (LP) Pre Roll type A 3 month forward ER Index	LME Copper (LP)	LME	KNNUUXXF+F+H+H+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4BO	Macquarie Single Commodity CBOT Soybean Oil (BO) Pre Roll type A 4 month forward ER Index	CBT Soybean Oil (BO)	CBT	NNZZZF+F+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4CX	Macquarie Single Commodity CBOT Corn (C) Pre Roll type A 4 month forward ER Index	CBT Corn (C)	CBT	NNUUZZH+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4CC	Macquarie Single Commodity NYBOT Cocoa (CC) Pre Roll type A 4 month forward ER Index	NYB Cocoa (CC)	NYB	NNUUZZH+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4CL	Macquarie Single Commodity NYMEX WTI Crude Oil (CL) Pre Roll type A 4 month forward ER Index	NYM WTI Crude Oil (CL)	NYM	NNUUXXF+F+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4CT	Macquarie Single Commodity NYBOT Cotton (CT) Pre Roll type A 4 month forward ER Index	NYB Cotton (CT)	NYB	NNZZZZH+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4FC	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll type A 4 month forward ER Index	CME Feeder Cattle (FC)	CME	QQQVVF+F+F+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4GC	Macquarie Single Commodity COMEX Gold (GC) Pre Roll type A 4 month forward ER Index	CMX Gold (GC)	CMX	MQQZZZG+G+J+J+M+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4HG	Macquarie Single Commodity COMEX High Grade Copper (HG) Pre Roll type A 4 month forward ER Index	CMX High Grade Copper (HG)	CMX	NNUUZZH+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQSDP4HO	Macquarie Single Commodity NYMEX Heating Oil (HO) Pre Roll type A 4 month forward ER Index	NYM Heating Oil (HO)	NYM	NNUUXXF+F+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4KC	Macquarie Single Commodity NYBOT Coffee (KC) Pre Roll type A 4 month forward ER Index	NYB Coffee (KC)	NYB	NNUUZZH+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4KW	Macquarie Single Commodity KCBOT Wheat (Kansas) (KW) Pre Roll type A 4 month forward ER Index	CBT Wheat (Kansas) (KW)	CBT	NNUUZZH+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4LC	Macquarie Single Commodity CME Live Cattle (LC) Pre Roll type A 4 month forward ER Index	CME Live Cattle (LC)	CME	MQQVVZZG+G+J+J+M+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4CO	Macquarie Single Commodity ICE Brent Crude Oil (CO) Pre Roll type A 4 month forward ER Index	ICE Brent Crude Oil (CO)	ICE	NUUXXF+F+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4QS	Macquarie Single Commodity ICE Gas Oil (QS) Pre Roll type A 4 month forward ER Index	ICE Gas Oil (QS)	ICE	NNUUXXF+F+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4LH	Macquarie Single Commodity CME Lean Hogs (LH) Pre Roll type A 4 month forward ER Index	CME Lean Hogs (LH)	CME	MNQVVZZG+G+J+J+M+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4LA	Macquarie Single Commodity LME Aluminium (LA) Pre Roll type A 4 month forward ER Index	LME Aluminium (LA)	LME	NNUUXXF+F+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4LN	Macquarie Single Commodity LME Nickel (LN) Pre Roll type A 4 month forward ER Index	LME Nickel (LN)	LME	NNUUXXF+F+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4LX	Macquarie Single Commodity LME Zinc (LX) Pre Roll type A 4 month forward ER Index	LME Zinc (LX)	LME	NNUUXXF+F+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4NG	Macquarie Single Commodity NYMEX Natural Gas (NG) Pre Roll type A 4 month forward ER Index	NYM Natural Gas (NG)	NYM	NNUUXXF+F+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4XB	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) Pre Roll type A 4 month forward ER Index	NYM Unleaded Gasoline (XB)	NYM	NNUUXXF+F+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4SX	Macquarie Single Commodity CBOT Soybeans (S) Pre Roll type A 4 month forward ER Index	CBT Soybeans (S)	CBT	NNXXXXF+F+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQSDP4SB	Macquarie Single Commodity NYBOT Sugar (SB) Pre Roll type A 4 month forward ER Index	NYB Sugar (SB)	NYB	NNVVVH+H+H+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4SI	Macquarie Single Commodity COMEX Silver (SI) Pre Roll type A 4 month forward ER Index	CMX Silver (SI)	CMX	NNUUZZH+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4SM	Macquarie Single Commodity CBOT Soybean Meal (SM) Pre Roll type A 4 month forward ER Index	CBT Soybean Meal (SM)	CBT	NNZZZF+F+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4WX	Macquarie Single Commodity CBOT Wheat (Chicago) (W) Pre Roll type A 4 month forward ER Index	CBT Wheat (Chicago) (W)	CBT	NNUUZZH+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4LP	Macquarie Single Commodity LME Copper (LP) Pre Roll type A 4 month forward ER Index	LME Copper (LP)	LME	NNUUXXF+F+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5BO	Macquarie Single Commodity CBOT Soybean Oil (BO) Pre Roll type A 5 month forward ER Index	CBT Soybean Oil (BO)	CBT	NZZZZF+F+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5CX	Macquarie Single Commodity CBOT Corn (C) Pre Roll type A 5 month forward ER Index	CBT Corn (C)	CBT	NUUZZH+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5CC	Macquarie Single Commodity NYBOT Cocoa (CC) Pre Roll type A 5 month forward ER Index	NYB Cocoa (CC)	NYB	NUUZZH+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5CL	Macquarie Single Commodity NYMEX WTI Crude Oil (CL) Pre Roll type A 5 month forward ER Index	NYM WTI Crude Oil (CL)	NYM	NUUXXF+F+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5CT	Macquarie Single Commodity NYBOT Cotton (CT) Pre Roll type A 5 month forward ER Index	NYB Cotton (CT)	NYB	NZZZZH+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5FC	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll type A 5 month forward ER Index	CME Feeder Cattle (FC)	CME	QQVVF+F+F+H+H+K+K+Q+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5GC	Macquarie Single Commodity COMEX Gold (GC) Pre Roll type A 5 month forward ER Index	CMX Gold (GC)	CMX	QQZZZG+G+J+J+M+M+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5HG	Macquarie Single Commodity COMEX High Grade Copper (HG) Pre Roll type A 5 month forward ER Index	CMX High Grade Copper (HG)	CMX	NUUZZH+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQSDP5HO	Macquarie Single Commodity NYMEX Heating Oil (HO) Pre Roll type A 5 month forward ER Index	NYM Heating Oil (HO)	NYM	NUUXXF+F+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5KC	Macquarie Single Commodity NYBOT Coffee (KC) Pre Roll type A 5 month forward ER Index	NYB Coffee (KC)	NYB	NUUZZH+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5KW	Macquarie Single Commodity KCBOT Wheat (Kansas) (KW) Pre Roll type A 5 month forward ER Index	CBT Wheat (Kansas) (KW)	CBT	NUUZZH+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5LC	Macquarie Single Commodity CME Live Cattle (LC) Pre Roll type A 5 month forward ER Index	CME Live Cattle (LC)	CME	QQVVZZG+G+J+J+M+M+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5CO	Macquarie Single Commodity ICE Brent Crude Oil (CO) Pre Roll type A 5 month forward ER Index	ICE Brent Crude Oil (CO)	ICE	UUXXF+F+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5QS	Macquarie Single Commodity ICE Gas Oil (QS) Pre Roll type A 5 month forward ER Index	ICE Gas Oil (QS)	ICE	NUUXXF+F+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5LH	Macquarie Single Commodity CME Lean Hogs (LH) Pre Roll type A 5 month forward ER Index	CME Lean Hogs (LH)	CME	NQVVZZG+G+J+J+M+M+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5LA	Macquarie Single Commodity LME Aluminium (LA) Pre Roll type A 5 month forward ER Index	LME Aluminium (LA)	LME	NUUXXF+F+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5LN	Macquarie Single Commodity LME Nickel (LN) Pre Roll type A 5 month forward ER Index	LME Nickel (LN)	LME	NUUXXF+F+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5LX	Macquarie Single Commodity LME Zinc (LX) Pre Roll type A 5 month forward ER Index	LME Zinc (LX)	LME	NUUXXF+F+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5NG	Macquarie Single Commodity NYMEX Natural Gas (NG) Pre Roll type A 5 month forward ER Index	NYM Natural Gas (NG)	NYM	NUUXXF+F+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5XB	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) Pre Roll type A 5 month forward ER Index	NYM Unleaded Gasoline (XB)	NYM	NUUXXF+F+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5SX	Macquarie Single Commodity CBOT Soybeans (S) Pre Roll type A 5 month forward ER Index	CBT Soybeans (S)	CBT	NXXXXF+F+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQSDP5SB	Macquarie Single Commodity NYBOT Sugar (SB) Pre Roll type A 5 month forward ER Index	NYB Sugar (SB)	NYB	NVVVH+H+H+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5SI	Macquarie Single Commodity COMEX Silver (SI) Pre Roll type A 5 month forward ER Index	CMX Silver (SI)	CMX	NUUZZH+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5SM	Macquarie Single Commodity CBOT Soybean Meal (SM) Pre Roll type A 5 month forward ER Index	CBT Soybean Meal (SM)	CBT	NZZZF+F+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5WX	Macquarie Single Commodity CBOT Wheat (Chicago) (W) Pre Roll type A 5 month forward ER Index	CBT Wheat (Chicago) (W)	CBT	NUUZZH+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5LP	Macquarie Single Commodity LME Copper (LP) Pre Roll type A 5 month forward ER Index	LME Copper (LP)	LME	NUUXXF+F+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6BO	Macquarie Single Commodity CBOT Soybean Oil (BO) Pre Roll type A 6 month forward ER Index	CBT Soybean Oil (BO)	CBT	ZZZZF+F+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6CX	Macquarie Single Commodity CBOT Corn (C) Pre Roll type A 6 month forward ER Index	CBT Corn (C)	CBT	UUZZZH+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6CC	Macquarie Single Commodity NYBOT Cocoa (CC) Pre Roll type A 6 month forward ER Index	NYB Cocoa (CC)	NYB	UUZZZH+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6CL	Macquarie Single Commodity NYMEX WTI Crude Oil (CL) Pre Roll type A 6 month forward ER Index	NYM WTI Crude Oil (CL)	NYM	UUXXF+F+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6CT	Macquarie Single Commodity NYBOT Cotton (CT) Pre Roll type A 6 month forward ER Index	NYB Cotton (CT)	NYB	ZZZZH+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6FC	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll type A 6 month forward ER Index	CME Feeder Cattle (FC)	CME	QVVF+F+F+H+H+K+K+Q+Q+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6GC	Macquarie Single Commodity COMEX Gold (GC) Pre Roll type A 6 month forward ER Index	CMX Gold (GC)	CMX	QZZZG+G+J+J+M+M+Q+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6HG	Macquarie Single Commodity COMEX High Grade Copper (HG) Pre Roll type A 6 month forward ER Index	CMX High Grade Copper (HG)	CMX	UUZZZH+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQSDP6HO	Macquarie Single Commodity NYMEX Heating Oil (HO) Pre Roll type A 6 month forward ER Index	NYM Heating Oil (HO)	NYM	UUXXF+F+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6KC	Macquarie Single Commodity NYBOT Coffee (KC) Pre Roll type A 6 month forward ER Index	NYB Coffee (KC)	NYB	UUZZH+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6KW	Macquarie Single Commodity KCBOT Wheat (Kansas) (KW) Pre Roll type A 6 month forward ER Index	CBT Wheat (Kansas) (KW)	CBT	UUZZH+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6CO	Macquarie Single Commodity ICE Brent Crude Oil (CO) Pre Roll type A 6 month forward ER Index	ICE Brent Crude Oil (CO)	ICE	UXXF+F+H+H+K+K+N+N+U+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6QS	Macquarie Single Commodity ICE Gas Oil (QS) Pre Roll type A 6 month forward ER Index	ICE Gas Oil (QS)	ICE	UUXXF+F+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6LA	Macquarie Single Commodity LME Aluminium (LA) Pre Roll type A 6 month forward ER Index	LME Aluminium (LA)	LME	UUXXF+F+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6LN	Macquarie Single Commodity LME Nickel (LN) Pre Roll type A 6 month forward ER Index	LME Nickel (LN)	LME	UUXXF+F+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6LX	Macquarie Single Commodity LME Zinc (LX) Pre Roll type A 6 month forward ER Index	LME Zinc (LX)	LME	UUXXF+F+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6NG	Macquarie Single Commodity NYMEX Natural Gas (NG) Pre Roll type A 6 month forward ER Index	NYM Natural Gas (NG)	NYM	UUXXF+F+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6SX	Macquarie Single Commodity CBOT Soybeans (S) Pre Roll type A 6 month forward ER Index	CBT Soybeans (S)	CBT	XXXXF+F+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6SB	Macquarie Single Commodity NYBOT Sugar (SB) Pre Roll type A 6 month forward ER Index	NYB Sugar (SB)	NYB	VVVH+H+H+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6SI	Macquarie Single Commodity COMEX Silver (SI) Pre Roll type A 6 month forward ER Index	CMX Silver (SI)	CMX	UUZZH+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6SM	Macquarie Single Commodity CBOT Soybean Meal (SM) Pre Roll type A 6 month forward ER Index	CBT Soybean Meal (SM)	CBT	ZZZF+F+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQSDP6WX	Macquarie Single Commodity CBOT Wheat (Chicago) (W) Pre Roll type A 6 month forward ER Index	CBT Wheat (Chicago) (W)	CBT	UUZZZH+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6LP	Macquarie Single Commodity LME Copper (LP) Pre Roll type A 6 month forward ER Index	LME Copper (LP)	LME	UUXXF+F+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDPOLL	Macquarie Single Commodity LME Lead (LL) Pre Roll type A ER Index	LME Lead (LL)	LME	HHKKNNUUXXF+F+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP1LL	Macquarie Single Commodity LME Lead (LL) Pre Roll type A 1 month forward ER Index	LME Lead (LL)	LME	HKKNNUUXXF+F+H+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP2LL	Macquarie Single Commodity LME Lead (LL) Pre Roll type A 2 month forward ER Index	LME Lead (LL)	LME	KKNNUUXXF+F+H+H+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP3LL	Macquarie Single Commodity LME Lead (LL) Pre Roll type A 3 month forward ER Index	LME Lead (LL)	LME	KNNUUXXF+F+H+H+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP4LL	Macquarie Single Commodity LME Lead (LL) Pre Roll type A 4 month forward ER Index	LME Lead (LL)	LME	NNUUXXF+F+H+H+K+K+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP5LL	Macquarie Single Commodity LME Lead (LL) Pre Roll type A 5 month forward ER Index	LME Lead (LL)	LME	NUUXXF+F+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6LL	Macquarie Single Commodity LME Lead (LL) Pre Roll type A 6 month forward ER Index	LME Lead (LL)	LME	UUXXF+F+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6LC	Macquarie Single Commodity CME Live Cattle (LC) Pre Roll type A 6 month forward ER Index	CME Live Cattle (LC)	CME	QQVVZZG+G+J+J+M+M+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6LH	Macquarie Single Commodity CME Lean Hogs (LH) Pre Roll type A 6 month forward ER Index	CME Lean Hogs (LH)	CME	NQVVZZG+G+J+J+M+M+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP6XB	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) Pre Roll type A 6 month forward ER Index	NYM Unleaded Gasoline (XB)	NYM	NUUXXF+F+H+H+K+K+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP7LC	Macquarie Single Commodity CME Live Cattle (LC) Pre Roll type A 6 month forward v2 ER Index	CME Live Cattle (LC)	CME	QVVZZG+G+J+J+M+M+Q+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQSDP7LH	Macquarie Single Commodity CME Lean Hogs (LH) Pre Roll type A 6 month forward v2 ER Index	CME Lean Hogs (LH)	CME	QVVZZG+G+J+J+M+M+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDP7XB	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) Pre Roll type A 6 month forward v2 ER Index	NYM Unleaded Gasoline (XB)	NYM	UUXXF+F+H+H+K+K+N+N+	-9	3	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLC7E	Macquarie Single Commodity CME Live Cattle (LC) type A 6 month forward v2 ER Index	CME Live Cattle (LC)	CME	QVVZZG+G+J+J+M+M+Q+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLH7E	Macquarie Single Commodity CME Lean Hogs (LH) type A 6 month forward v2 ER Index	CME Lean Hogs (LH)	CME	QVVZZG+G+J+J+M+M+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDXB7E	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) type A 6 month forward v2 ER Index	NYM Unleaded Gasoline (XB)	NYM	UUXXF+F+H+H+K+K+N+N+	5	5	100	03-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQSDLNGD	Macquarie Minimum Drawdown Natural Gas Version D Beta ER (L)	NYM Natural Gas (NG)	NYM	HNNNUUVXF+F+H+H+	-6	5	100	03-Jan-00	20-Jan-20	New York Mercantile Exchange	ER
MQSDSNGD	Macquarie Minimum Drawdown Natural Gas Version D Beta ER (S)	NYM Natural Gas (NG)	NYM	GKKKNUUZZF+F+	-6	5	100	03-Jan-00	20-Jan-20	New York Mercantile Exchange	ER
MQSDLHHD	Macquarie Minimum Drawdown Lean Hogs Version D Beta ER (L)	CME Lean Hogs (LH)	CME	QVVZZG+G+J+J+M+M+N+	-6	5	100	03-Jan-00	20-Jan-20	New York Mercantile Exchange	ER
MQDSLHHD	Macquarie Minimum Drawdown Lean Hogs Version D Beta ER (S)	CME Lean Hogs (LH)	CME	GJJMMNQVVZZG+	-6	5	100	03-Jan-00	20-Jan-20	New York Mercantile Exchange	ER
MQSDLQSB	Macquarie Minimum Drawdown Gas Oil Version B Beta ER (L)	ICE Gas Oil (QS)	ICE	HNNNUUVXF+F+H+H+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDSQSB	Macquarie Minimum Drawdown Gas Oil Version B Beta ER (S)	ICE Gas Oil (QS)	ICE	GKKKNUUZZF+F+	-1	5	100	03-Jan-00	09-Feb-18	New York Mercantile Exchange	ER
MQSDQ0CL	Macquarie Single Commodity WTI Crude Oil Pre-roll Type B F0	NYM WTI Crude Oil (CL)	NYM	HHKKNUUXXF+F+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ0CO	Macquarie Single Commodity Brent Crude Oil Pre-roll Type B F0	ICE Brent Crude Oil (CO)	ICE	HKKNUUXXF+F+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER

MQSDQ0XB	Macquarie Single Commodity Unleaded Gasoline Pre-roll Type B F0	NYM Unleaded Gasoline (XB)	NYM	HHKKNNUUXXF+F+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ0HO	Macquarie Single Commodity Heating Oil Pre-roll Type B F0	NYM Heating Oil (HO)	NYM	HHKKNNUUXXF+F+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ0NG	Macquarie Single Commodity Natural Gas Pre-roll Type B F0	NYM Natural Gas (NG)	NYM	HHKKNNUUXXF+F+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ0LX	Macquarie Single Commodity Zinc Pre-roll Type B F0	LME Zinc (LX)	LME	HHKKNNUUXXF+F+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ0LN	Macquarie Single Commodity Nickel Pre-roll Type B F0	LME Nickel (LN)	LME	HHKKNNUUXXF+F+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ0LA	Macquarie Single Commodity Aluminium Pre-roll Type B F0	LME Aluminium (LA)	LME	HHKKNNUUXXF+F+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ0HG	Macquarie Single Commodity High Grade Copper Pre-roll Type B F0	CMX High Grade Copper (HG)	CMX	HHKKNNUUZZZH+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ0CX	Macquarie Single Commodity Corn Pre-roll Type B F0	CBT Corn (C)	CBT	HHKKNNUUZZZH+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ0SX	Macquarie Single Commodity Soybeans Pre-roll Type B F0	CBT Soybeans (S)	CBT	HHKKNNXXXXF+F+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ0SM	Macquarie Single Commodity Soybean Meal Pre-roll Type B F0	CBT Soybean Meal (SM)	CBT	HHKKNNZZZF+F+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ0WX	Macquarie Single Commodity Wheat (Chicago) Pre-roll Type B F0	CBT Wheat (Chicago) (W)	CBT	HHKKNNUUZZZH+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ0KW	Macquarie Single Commodity Wheat (Kansas) Pre-roll Type B F0	CBT Wheat (Kansas) (KW)	CBT	HHKKNNUUZZZH+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ0SB	Macquarie Single Commodity Sugar Pre-roll Type B F0	NYB Sugar (SB)	NYB	HHKKNNVVVH+H+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER

MQSDQ0KC	Macquarie Single Commodity Coffee Pre-roll Type B F0	NYB Coffee (KC)	NYB	HHKKNNUUZZZH+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ0CC	Macquarie Single Commodity Cocoa Pre-roll Type B F0	NYB Cocoa (CC)	NYB	HHKKNNUUZZZH+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ0CT	Macquarie Single Commodity Cotton Pre-roll Type B F0	NYB Cotton (CT)	NYB	HHKKNNZZZZH+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ0LH	Macquarie Single Commodity Lean Hogs Pre-roll Type B F0	CME Lean Hogs (LH)	CME	GJJMMNQVVZZG+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ0LC	Macquarie Single Commodity Live Cattle Pre-roll Type B F0	CME Live Cattle (LC)	CME	GJJMMQQVZZG+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ0FC	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll Type B ER Index	CME Feeder Cattle (FC)	CME	HHKKQQQVVF+F+F+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ1CL	Macquarie Single Commodity NYMEX WTI Crude Oil (CL) Pre Roll Type B 1 month forward ER Index	NYM WTI Crude Oil (CL)	NYM	HKKNNUUXXF+F+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ1CO	Macquarie Single Commodity ICE Brent Crude Oil (CO) Pre Roll Type B 1 month forward ER Index	ICE Brent Crude Oil (CO)	ICE	KKNNUUXXF+F+H+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ1XB	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) Pre Roll Type B 1 month forward ER Index	NYM Unleaded Gasoline (XB)	NYM	HKKNNUUXXF+F+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ1HO	Macquarie Single Commodity NYMEX Heating Oil (HO) Pre Roll Type B 1 month forward ER Index	NYM Heating Oil (HO)	NYM	HKKNNUUXXF+F+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ1NG	Macquarie Single Commodity NYMEX Natural Gas (NG) Pre Roll Type B 1 month forward ER Index	NYM Natural Gas (NG)	NYM	HKKNNUUXXF+F+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ1LX	Macquarie Single Commodity LME Zinc (LX) Pre Roll Type B 1 month forward ER Index	LME Zinc (LX)	LME	HKKNNUUXXF+F+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ1LN	Macquarie Single Commodity LME Nickel (LN) Pre Roll Type B 1 month forward ER Index	LME Nickel (LN)	LME	HKKNNUUXXF+F+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER

MQSDQ1LA	Macquarie Single Commodity LME Aluminium (LA) Pre Roll Type B 1 month forward ER Index	LME Aluminium (LA)	LME	HKKNNUUXXF+F+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ1HG	Macquarie Single Commodity COMEX High Grade Copper (HG) Pre Roll Type B 1 month forward ER Index	CMX High Grade Copper (HG)	CMX	HKKNNUUZZH+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ1CX	Macquarie Single Commodity CBOT Corn (C) Pre Roll Type B 1 month forward ER Index	CBT Corn (C)	CBT	HKKNNUUZZH+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ1SX	Macquarie Single Commodity CBOT Soybeans (S) Pre Roll Type B 1 month forward ER Index	CBT Soybeans (S)	CBT	HKKNNXXXXF+F+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ1SM	Macquarie Single Commodity CBOT Soybean Meal (SM) Pre Roll Type B 1 month forward ER Index	CBT Soybean Meal (SM)	CBT	HKKNNZZZF+F+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ1WX	Macquarie Single Commodity CBOT Wheat (Chicago) (W) Pre Roll Type B 1 month forward ER Index	CBT Wheat (Chicago) (W)	CBT	HKKNNUUZZH+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ1KW	Macquarie Single Commodity KCBOT Wheat (Kansas) (KW) Pre Roll Type B 1 month forward ER Index	CBT Wheat (Kansas) (KW)	CBT	HKKNNUUZZH+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ1SB	Macquarie Single Commodity NYBOT Sugar (SB) Pre Roll Type B 1 month forward ER Index	NYB Sugar (SB)	NYB	HKKNNVVVH+H+H+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ1KC	Macquarie Single Commodity NYBOT Coffee (KC) Pre Roll Type B 1 month forward ER Index	NYB Coffee (KC)	NYB	HKKNNUUZZH+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ1CC	Macquarie Single Commodity NYBOT Cocoa (CC) Pre Roll Type B 1 month forward ER Index	NYB Cocoa (CC)	NYB	HKKNNUUZZH+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ1CT	Macquarie Single Commodity NYBOT Cotton (CT) Pre Roll Type B 1 month forward ER Index	NYB Cotton (CT)	NYB	HKKNNZZZZH+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ1LH	Macquarie Single Commodity CME Lean Hogs (LH) Pre Roll Type B 1 month forward ER Index	CME Lean Hogs (LH)	CME	JJMMNQVVZZG+G+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ1LC	Macquarie Single Commodity CME Live Cattle (LC) Pre Roll Type B 1 month forward ER Index	CME Live Cattle (LC)	CME	JJMMQQVVZZG+G+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER

MQSDQ1FC	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll Type B 1 month forward ER Index	CME Feeder Cattle (FC)	CME	HKKQQQVVVF+F+F+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ2CL	Macquarie Single Commodity WTI Crude Oil Pre-roll Type B F2	NYM WTI Crude Oil (CL)	NYM	KKNNUUXXF+F+H+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ2CO	Macquarie Single Commodity Brent Crude Oil Pre-roll Type B F2	ICE Brent Crude Oil (CO)	ICE	KNNNUXXF+F+H+H+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ2XB	Macquarie Single Commodity Unleaded Gasoline Pre-roll Type B F2	NYM Unleaded Gasoline (XB)	NYM	KKNNUUXXF+F+H+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ2HO	Macquarie Single Commodity Heating Oil Pre-roll Type B F2	NYM Heating Oil (HO)	NYM	KKNNUUXXF+F+H+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ2NG	Macquarie Single Commodity Natural Gas Pre-roll Type B F2	NYM Natural Gas (NG)	NYM	KKNNUUXXF+F+H+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ2LX	Macquarie Single Commodity Zinc Pre-roll Type B F2	LME Zinc (LX)	LME	KKNNUUXXF+F+H+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ2LN	Macquarie Single Commodity Nickel Pre-roll Type B F2	LME Nickel (LN)	LME	KKNNUUXXF+F+H+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ2LA	Macquarie Single Commodity Aluminium Pre-roll Type B F2	LME Aluminium (LA)	LME	KKNNUUXXF+F+H+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ2HG	Macquarie Single Commodity High Grade Copper Pre-roll Type B F2	CMX High Grade Copper (HG)	CMX	KKNNUUZZH+H+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ2CX	Macquarie Single Commodity Corn Pre-roll Type B F2	CBT Corn (C)	CBT	KKNNUUZZH+H+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ2SX	Macquarie Single Commodity Soybeans Pre-roll Type B F2	CBT Soybeans (S)	CBT	KKNNXXXXF+F+H+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ2SM	Macquarie Single Commodity Soybean Meal Pre-roll Type B F2	CBT Soybean Meal (SM)	CBT	KKNNZZZF+F+H+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER

MQSDQ2WX	Macquarie Single Commodity Wheat (Chicago) Pre-roll Type B F2	CBT Wheat (Chicago) (W)	CBT	KKNNUUZZH+H+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ2KW	Macquarie Single Commodity Wheat (Kansas) Pre-roll Type B F2	CBT Wheat (Kansas) (KW)	CBT	KKNNUUZZH+H+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ2SB	Macquarie Single Commodity Sugar Pre-roll Type B F2	NYB Sugar (SB)	NYB	KKNNVVVH+H+H+H+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ2KC	Macquarie Single Commodity Coffee Pre-roll Type B F2	NYB Coffee (KC)	NYB	KKNNUUZZH+H+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ2CC	Macquarie Single Commodity Cocoa Pre-roll Type B F2	NYB Cocoa (CC)	NYB	KKNNUUZZH+H+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ2CT	Macquarie Single Commodity Cotton Pre-roll Type B F2	NYB Cotton (CT)	NYB	KKNNZZZZH+H+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ2LH	Macquarie Single Commodity Lean Hogs Pre-roll Type B F2	CME Lean Hogs (LH)	CME	JMMNQVVZZG+G+J+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ2LC	Macquarie Single Commodity Live Cattle Pre-roll Type B F2	CME Live Cattle (LC)	CME	JMMQQVZZG+G+J+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ2FC	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll Type B 2 month forward ER Index	CME Feeder Cattle (FC)	CME	KKQQQVVF+F+F+H+H+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ3CL	Macquarie Single Commodity WTI Crude Oil Pre-roll Type B F3	NYM WTI Crude Oil (CL)	NYM	KNNUXXF+F+H+H+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ3CO	Macquarie Single Commodity Brent Crude Oil Pre-roll Type B F3	ICE Brent Crude Oil (CO)	ICE	NNUUXXF+F+H+H+K+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ3XB	Macquarie Single Commodity Unleaded Gasoline Pre-roll Type B F3	NYM Unleaded Gasoline (XB)	NYM	KNNUXXF+F+H+H+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ3HO	Macquarie Single Commodity Heating Oil Pre-roll Type B F3	NYM Heating Oil (HO)	NYM	KNNUXXF+F+H+H+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER

MQSDQ3NG	Macquarie Single Commodity Natural Gas Pre-roll Type B F3	NYM Natural Gas (NG)	NYM	KNNUUXXF+F+H+H+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ3LX	Macquarie Single Commodity Zinc Pre-roll Type B F3	LME Zinc (LX)	LME	KNNUUXXF+F+H+H+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ3LN	Macquarie Single Commodity Nickel Pre-roll Type B F3	LME Nickel (LN)	LME	KNNUUXXF+F+H+H+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ3LA	Macquarie Single Commodity Aluminium Pre-roll Type B F3	LME Aluminium (LA)	LME	KNNUUXXF+F+H+H+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ3HG	Macquarie Single Commodity High Grade Copper Pre-roll Type B F3	CMX High Grade Copper (HG)	CMX	KNNUUZZH+H+H+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ3CX	Macquarie Single Commodity Corn Pre-roll Type B F3	CBT Corn (C)	CBT	KNNUUZZH+H+H+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ3SX	Macquarie Single Commodity Soybeans Pre-roll Type B F3	CBT Soybeans (S)	CBT	KNNXXXXF+F+H+H+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ3SM	Macquarie Single Commodity Soybean Meal Pre-roll Type B F3	CBT Soybean Meal (SM)	CBT	KNNZZZF+F+H+H+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ3WX	Macquarie Single Commodity Wheat (Chicago) Pre-roll Type B F3	CBT Wheat (Chicago) (W)	CBT	KNNUUZZH+H+H+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ3KW	Macquarie Single Commodity Wheat (Kansas) Pre-roll Type B F3	CBT Wheat (Kansas) (KW)	CBT	KNNUUZZH+H+H+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ3SB	Macquarie Single Commodity Sugar Pre-roll Type B F3	NYB Sugar (SB)	NYB	KNNVVVH+H+H+H+H+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ3KC	Macquarie Single Commodity Coffee Pre-roll Type B F3	NYB Coffee (KC)	NYB	KNNUUZZH+H+H+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ3CC	Macquarie Single Commodity Cocoa Pre-roll Type B F3	NYB Cocoa (CC)	NYB	KNNUUZZH+H+H+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER

MQSDQ3CT	Macquarie Single Commodity Cotton Pre-roll Type B F3	NYB Cotton (CT)	NYB	KNNZZZZH+H+H+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ3LH	Macquarie Single Commodity Lean Hogs Pre-roll Type B F3	CME Lean Hogs (LH)	CME	MMNQVVZZG+G+J+J+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ3LC	Macquarie Single Commodity Live Cattle Pre-roll Type B F3	CME Live Cattle (LC)	CME	MMQQVVZZG+G+J+J+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ3FC	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll Type B 3 month forward ER Index	CME Feeder Cattle (FC)	CME	KQQQVVVF+F+F+H+H+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ4CL	Macquarie Single Commodity NYMEX WTI Crude Oil (CL) Pre Roll Type B 4 month forward ER Index	NYM WTI Crude Oil (CL)	NYM	NNUUXXF+F+H+H+K+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ4CO	Macquarie Single Commodity ICE Brent Crude Oil (CO) Pre Roll Type B 4 month forward ER Index	ICE Brent Crude Oil (CO)	ICE	NUUXXF+F+H+H+K+K+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ4XB	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) Pre Roll Type B 4 month forward ER Index	NYM Unleaded Gasoline (XB)	NYM	NNUUXXF+F+H+H+K+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ4HO	Macquarie Single Commodity NYMEX Heating Oil (HO) Pre Roll Type B 4 month forward ER Index	NYM Heating Oil (HO)	NYM	NNUUXXF+F+H+H+K+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ4NG	Macquarie Single Commodity NYMEX Natural Gas (NG) Pre Roll Type B 4 month forward ER Index	NYM Natural Gas (NG)	NYM	NNUUXXF+F+H+H+K+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ4LX	Macquarie Single Commodity LME Zinc (LX) Pre Roll Type B 4 month forward ER Index	LME Zinc (LX)	LME	NNUUXXF+F+H+H+K+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ4LN	Macquarie Single Commodity LME Nickel (LN) Pre Roll Type B 4 month forward ER Index	LME Nickel (LN)	LME	NNUUXXF+F+H+H+K+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ4LA	Macquarie Single Commodity LME Aluminium (LA) Pre Roll Type B 4 month forward ER Index	LME Aluminium (LA)	LME	NNUUXXF+F+H+H+K+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ4HG	Macquarie Single Commodity COMEX High Grade Copper (HG) Pre Roll Type B 4 month forward ER Index	CMX High Grade Copper (HG)	CMX	NNUUZZH+H+H+K+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER

MQSDQ4CX	Macquarie Single Commodity CBOT Corn (C) Pre Roll Type B 4 month forward ER Index	CBT Corn (C)	CBT	NNUUZZH+H+H+K+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ4SX	Macquarie Single Commodity CBOT Soybeans (S) Pre Roll Type B 4 month forward ER Index	CBT Soybeans (S)	CBT	NNXXXXF+F+H+H+K+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ4SM	Macquarie Single Commodity CBOT Soybean Meal (SM) Pre Roll Type B 4 month forward ER Index	CBT Soybean Meal (SM)	CBT	NNZZZF+F+H+H+K+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ4WX	Macquarie Single Commodity CBOT Wheat (Chicago) (W) Pre Roll Type B 4 month forward ER Index	CBT Wheat (Chicago) (W)	CBT	NNUUZZH+H+H+K+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ4KW	Macquarie Single Commodity KCBOT Wheat (Kansas) (KW) Pre Roll Type B 4 month forward ER Index	CBT Wheat (Kansas) (KW)	CBT	NNUUZZH+H+H+K+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ4SB	Macquarie Single Commodity NYBOT Sugar (SB) Pre Roll Type B 4 month forward ER Index	NYB Sugar (SB)	NYB	NNVVVH+H+H+H+H+K+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ4KC	Macquarie Single Commodity NYBOT Coffee (KC) Pre Roll Type B 4 month forward ER Index	NYB Coffee (KC)	NYB	NNUUZZH+H+H+K+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ4CC	Macquarie Single Commodity NYBOT Cocoa (CC) Pre Roll Type B 4 month forward ER Index	NYB Cocoa (CC)	NYB	NNUUZZH+H+H+K+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ4CT	Macquarie Single Commodity NYBOT Cotton (CT) Pre Roll Type B 4 month forward ER Index	NYB Cotton (CT)	NYB	NNZZZZH+H+H+K+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ4LH	Macquarie Single Commodity CME Lean Hogs (LH) Pre Roll Type B 4 month forward ER Index	CME Lean Hogs (LH)	CME	MNQVVZZG+G+J+J+M+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ4LC	Macquarie Single Commodity CME Live Cattle (LC) Pre Roll Type B 4 month forward ER Index	CME Live Cattle (LC)	CME	MQQVVZZG+G+J+J+M+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ4FC	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll Type B 4 month forward ER Index	CME Feeder Cattle (FC)	CME	QQQVVF+F+F+H+H+K+K+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ5CL	Macquarie Single Commodity NYMEX WTI Crude Oil (CL) Pre Roll Type B 5 month forward ER Index	NYM WTI Crude Oil (CL)	NYM	NUUXXF+F+H+H+K+K+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER

MQSDQ5CO	Macquarie Single Commodity ICE Brent Crude Oil (CO) Pre Roll Type B 5 month forward ER Index	ICE Brent Crude Oil (CO)	ICE	UUXXF+F+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ5XB	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) Pre Roll Type B 5 month forward ER Index	NYM Unleaded Gasoline (XB)	NYM	NUUXXF+F+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ5HO	Macquarie Single Commodity NYMEX Heating Oil (HO) Pre Roll Type B 5 month forward ER Index	NYM Heating Oil (HO)	NYM	NUUXXF+F+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ5NG	Macquarie Single Commodity NYMEX Natural Gas (NG) Pre Roll Type B 5 month forward ER Index	NYM Natural Gas (NG)	NYM	NUUXXF+F+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ5LX	Macquarie Single Commodity LME Zinc (LX) Pre Roll Type B 5 month forward ER Index	LME Zinc (LX)	LME	NUUXXF+F+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ5LN	Macquarie Single Commodity LME Nickel (LN) Pre Roll Type B 5 month forward ER Index	LME Nickel (LN)	LME	NUUXXF+F+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ5LA	Macquarie Single Commodity LME Aluminium (LA) Pre Roll Type B 5 month forward ER Index	LME Aluminium (LA)	LME	NUUXXF+F+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ5HG	Macquarie Single Commodity COMEX High Grade Copper (HG) Pre Roll Type B 5 month forward ER Index	CMX High Grade Copper (HG)	CMX	NUUZZH+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ5CX	Macquarie Single Commodity CBOT Corn (C) Pre Roll Type B 5 month forward ER Index	CBT Corn (C)	CBT	NUUZZH+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ5SX	Macquarie Single Commodity CBOT Soybeans (S) Pre Roll Type B 5 month forward ER Index	CBT Soybeans (S)	CBT	NXXXXF+F+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ5SM	Macquarie Single Commodity CBOT Soybean Meal (SM) Pre Roll Type B 5 month forward ER Index	CBT Soybean Meal (SM)	CBT	NZZZF+F+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ5WX	Macquarie Single Commodity CBOT Wheat (Chicago) (W) Pre Roll Type B 5 month forward ER Index	CBT Wheat (Chicago) (W)	CBT	NUUZZH+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ5KW	Macquarie Single Commodity KCBOT Wheat (Kansas) (KW) Pre Roll Type B 5 month forward ER Index	CBT Wheat (Kansas) (KW)	CBT	NUUZZH+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER

MQSDQ5SB	Macquarie Single Commodity NYBOT Sugar (SB) Pre Roll Type B 5 month forward ER Index	NYB Sugar (SB)	NYB	NVVVH+H+H+H+H+K+K+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ5KC	Macquarie Single Commodity NYBOT Coffee (KC) Pre Roll Type B 5 month forward ER Index	NYB Coffee (KC)	NYB	NUUZZH+H+H+K+K+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ5CC	Macquarie Single Commodity NYBOT Cocoa (CC) Pre Roll Type B 5 month forward ER Index	NYB Cocoa (CC)	NYB	NUUZZH+H+H+K+K+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ5CT	Macquarie Single Commodity NYBOT Cotton (CT) Pre Roll Type B 5 month forward ER Index	NYB Cotton (CT)	NYB	NZZZZH+H+H+K+K+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ5LH	Macquarie Single Commodity CME Lean Hogs (LH) Pre Roll Type B 5 month forward ER Index	CME Lean Hogs (LH)	CME	NQVVZZG+G+J+J+M+M+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ5LC	Macquarie Single Commodity CME Live Cattle (LC) Pre Roll Type B 5 month forward ER Index	CME Live Cattle (LC)	CME	QQVVZZG+G+J+J+M+M+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ5FC	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll Type B 5 month forward ER Index	CME Feeder Cattle (FC)	CME	QQVVF+F+F+H+H+K+K+Q+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ6CL	Macquarie Single Commodity NYMEX WTI Crude Oil (CL) Pre Roll Type B 6 month forward ER Index	NYM WTI Crude Oil (CL)	NYM	UUXXF+F+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ6CO	Macquarie Single Commodity ICE Brent Crude Oil (CO) Pre Roll Type B 6 month forward ER Index	ICE Brent Crude Oil (CO)	ICE	UXXF+F+H+H+K+K+N+N+U+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ7XB	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) Pre Roll Type B 6 month forward v2 ER Index	NYM Unleaded Gasoline (XB)	NYM	UUXXF+F+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ6HO	Macquarie Single Commodity NYMEX Heating Oil (HO) Pre Roll Type B 6 month forward ER Index	NYM Heating Oil (HO)	NYM	UUXXF+F+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ6NG	Macquarie Single Commodity NYMEX Natural Gas (NG) Pre Roll Type B 6 month forward ER Index	NYM Natural Gas (NG)	NYM	UUXXF+F+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ6LX	Macquarie Single Commodity LME Zinc (LX) Pre Roll Type B 6 month forward ER Index	LME Zinc (LX)	LME	UUXXF+F+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER

MQSDQ6LN	Macquarie Single Commodity LME Nickel (LN) Pre Roll Type B 6 month forward ER Index	LME Nickel (LN)	LME	UUXXF+F+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ6LA	Macquarie Single Commodity LME Aluminium (LA) Pre Roll Type B 6 month forward ER Index	LME Aluminium (LA)	LME	UUXXF+F+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ6HG	Macquarie Single Commodity COMEX High Grade Copper (HG) Pre Roll Type B 6 month forward ER Index	CMX High Grade Copper (HG)	CMX	UUZZZHH+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ6CX	Macquarie Single Commodity CBOT Corn (C) Pre Roll Type B 6 month forward ER Index	CBT Corn (C)	CBT	UUZZZHH+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ6SX	Macquarie Single Commodity CBOT Soybeans (S) Pre Roll Type B 6 month forward ER Index	CBT Soybeans (S)	CBT	XXXXF+F+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ6SM	Macquarie Single Commodity CBOT Soybean Meal (SM) Pre Roll Type B 6 month forward ER Index	CBT Soybean Meal (SM)	CBT	ZZZZF+F+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ6WX	Macquarie Single Commodity CBOT Wheat (Chicago) (W) Pre Roll Type B 6 month forward ER Index	CBT Wheat (Chicago) (W)	CBT	UUZZZHH+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ6KW	Macquarie Single Commodity KCBOT Wheat (Kansas) (KW) Pre Roll Type B 6 month forward ER Index	CBT Wheat (Kansas) (KW)	CBT	UUZZZHH+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ6SB	Macquarie Single Commodity NYBOT Sugar (SB) Pre Roll Type B 6 month forward ER Index	NYB Sugar (SB)	NYB	VVVH+H+H+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ6KC	Macquarie Single Commodity NYBOT Coffee (KC) Pre Roll Type B 6 month forward ER Index	NYB Coffee (KC)	NYB	UUZZZHH+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ6CC	Macquarie Single Commodity NYBOT Cocoa (CC) Pre Roll Type B 6 month forward ER Index	NYB Cocoa (CC)	NYB	UUZZZHH+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ6CT	Macquarie Single Commodity NYBOT Cotton (CT) Pre Roll Type B 6 month forward ER Index	NYB Cotton (CT)	NYB	ZZZZZH+H+H+K+K+N+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ7LH	Macquarie Single Commodity CME Lean Hogs (LH) Pre Roll Type B 6 month forward v2 ER Index	CME Lean Hogs (LH)	CME	QVVZZG+G+J+J+M+M+N+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER

MQSDQ7LC	Macquarie Single Commodity CME Live Cattle (LC) Pre Roll Type B 6 month forward v2 ER Index	CME Live Cattle (LC)	CME	QVVZZG+G+J+J+M+M+Q+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSDQ6FC	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll Type B 6 month forward ER Index	CME Feeder Cattle (FC)	CME	QVVF+F+F+H+H+K+K+Q+Q+	-6	3	100	04/01/2000	02/03/2020	New York Mercantile Exchange	ER
MQSCBO2E	Macquarie Single Commodity Soybean Oil type B 2 month forward ER Index	CBT Soybean Oil (BO)	CBT	KKNNZZZZF+H+H+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCBO4E	Macquarie Single Commodity Soybean Oil type B 4 month forward ER Index	CBT Soybean Oil (BO)	CBT	NNZZZZF+H+H+K+K+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCBO5E	Macquarie Single Commodity Soybean Oil type B 5 month forward ER Index	CBT Soybean Oil (BO)	CBT	NZZZZF+H+H+K+K+N+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCC2E	Macquarie Single Commodity Corn type B 2 month forward	CBT Corn (C)	CBT	KKNNUUZZH+H+H+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCC4E	Macquarie Single Commodity Corn type B 4 month forward	CBT Corn (C)	CBT	NNUUZZH+H+H+K+K+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCC5E	Macquarie Single Commodity Corn type B 5 month forward	CBT Corn (C)	CBT	NUUZZH+H+H+K+K+N+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCCC2E	Macquarie Single Commodity Cocoa type B 2 month forward	NYB Cocoa (CC)	NYB	KKNNUUZZH+H+H+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCCC4E	Macquarie Single Commodity Cocoa type B 4 month forward	NYB Cocoa (CC)	NYB	NNUUZZH+H+H+K+K+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCCC5E	Macquarie Single Commodity Cocoa type B 5 month forward	NYB Cocoa (CC)	NYB	NUUZZH+H+H+K+K+N+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCCT2E	Macquarie Single Commodity Cotton type B 2 month forward	NYB Cotton (CT)	NYB	KKNNZZZZH+H+H+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCCT4E	Macquarie Single Commodity Cotton type B 4 month forward	NYB Cotton (CT)	NYB	NNZZZZH+H+H+K+K+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER

MQSCCT5E	Macquarie Single Commodity Cotton type B 5 month forward	NYB Cotton (CT)	NYB	NZZZZH+H+H+K+K+N+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCGC2E	Macquarie Single Commodity Gold type B 2 month forward	CMX Gold (GC)	CMX	JMMQQZZZG+G+J+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCGC4E	Macquarie Single Commodity Gold type B 4 month forward	CMX Gold (GC)	CMX	MQQZZZG+G+J+J+M+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCGC5E	Macquarie Single Commodity Gold type B 5 month forward	CMX Gold (GC)	CMX	QQZZZG+G+J+J+M+M+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCHG2E	Macquarie Single Commodity Copper (COMEX) type B 2 month forward	CMX High Grade Copper (HG)	CMX	KKNNUUZZH+H+H+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCHG4E	Macquarie Single Commodity Copper (COMEX) type B 4 month forward	CMX High Grade Copper (HG)	CMX	NNUUZZH+H+H+K+K+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCHG5E	Macquarie Single Commodity Copper (COMEX) type B 5 month forward	CMX High Grade Copper (HG)	CMX	NUUZZH+H+H+K+K+N+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCKC2E	Macquarie Single Commodity Coffee type B 2 month forward	NYB Coffee (KC)	NYB	KKNNUUZZH+H+H+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCKC4E	Macquarie Single Commodity Coffee type B 4 month forward	NYB Coffee (KC)	NYB	NNUUZZH+H+H+K+K+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCKC5E	Macquarie Single Commodity Coffee type B 5 month forward	NYB Coffee (KC)	NYB	NUUZZH+H+H+K+K+N+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCKW2E	Macquarie Single Commodity Kansas Wheat type B 2 month forward	CBT Wheat (Kansas) (KW)	CBT	KKNNUUZZH+H+H+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCKW4E	Macquarie Single Commodity Kansas Wheat type B 4 month forward	CBT Wheat (Kansas) (KW)	CBT	NNUUZZH+H+H+K+K+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCKW5E	Macquarie Single Commodity Kansas Wheat type B 5 month forward	CBT Wheat (Kansas) (KW)	CBT	NUUZZH+H+H+K+K+N+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER

MQSCLA2E	Macquarie Single Commodity Aluminium type B 2 month forward	LME Aluminium (LA)	LME	JKMNQUVXZF+G+H+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCLA4E	Macquarie Single Commodity Aluminium type B 4 month forward	LME Aluminium (LA)	LME	MNQUVXZF+G+H+J+K+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCLA5E	Macquarie Single Commodity Aluminium type B 5 month forward	LME Aluminium (LA)	LME	NQUVXZF+G+H+J+K+M+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCLC2E	Macquarie Single Commodity Live Cattle type B 2 month forward	CME Live Cattle (LC)	CME	JMMQQVVZZG+G+J+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCLC4E	Macquarie Single Commodity Live Cattle type B 4 month forward	CME Live Cattle (LC)	CME	MQQVVZZG+G+J+J+M+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCLC5E	Macquarie Single Commodity Live Cattle type B 5 month forward	CME Live Cattle (LC)	CME	QQVVZZG+G+J+J+M+M+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCLH2E	Macquarie Single Commodity Lean Hogs type B 2 month forward	CME Lean Hogs (LH)	CME	JMMNQVVZZG+G+J+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCLH4E	Macquarie Single Commodity Lean Hogs type B 4 month forward	CME Lean Hogs (LH)	CME	MNQVVZZG+G+J+J+M+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCLH5E	Macquarie Single Commodity Lean Hogs type B 5 month forward	CME Lean Hogs (LH)	CME	NQVVZZG+G+J+J+M+M+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCLL2E	Macquarie Single Commodity Lead type B 2 month forward	LME Lead (LL)	LME	JKMNQUVXZF+G+H+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCLL4E	Macquarie Single Commodity Lead type B 4 month forward	LME Lead (LL)	LME	MNQUVXZF+G+H+J+K+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCLL5E	Macquarie Single Commodity Lead type B 5 month forward	LME Lead (LL)	LME	NQUVXZF+G+H+J+K+M+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCLN2E	Macquarie Single Commodity Nickel type B 2 month forward	LME Nickel (LN)	LME	JKMNQUVXZF+G+H+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER

MQSCLN4E	Macquarie Single Commodity Nickel type B 4 month forward	LME Nickel (LN)	LME	MNQUVXZF+G+H+J+K+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCLN5E	Macquarie Single Commodity Nickel type B 5 month forward	LME Nickel (LN)	LME	NQUVXZF+G+H+J+K+M+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCLP2E	Macquarie Single Commodity Copper type B 2 month forward	LME Copper (LP)	LME	JKMNQUVXZF+G+H+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCLP4E	Macquarie Single Commodity Copper type B 4 month forward	LME Copper (LP)	LME	MNQUVXZF+G+H+J+K+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCLP5E	Macquarie Single Commodity Copper type B 5 month forward	LME Copper (LP)	LME	NQUVXZF+G+H+J+K+M+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCLX2E	Macquarie Single Commodity Zinc type B 2 month forward	LME Zinc (LX)	LME	JKMNQUVXZF+G+H+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCLX4E	Macquarie Single Commodity Zinc type B 4 month forward	LME Zinc (LX)	LME	MNQUVXZF+G+H+J+K+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCLX5E	Macquarie Single Commodity Zinc type B 5 month forward	LME Zinc (LX)	LME	NQUVXZF+G+H+J+K+M+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCNG2E	Macquarie Single Commodity Natural Gas type B 2 month forward	NYM Natural Gas (NG)	NYM	JKMNQUVXZF+G+H+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCNG4E	Macquarie Single Commodity Natural Gas type B 4 month forward	NYM Natural Gas (NG)	NYM	MNQUVXZF+G+H+J+K+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCNG5E	Macquarie Single Commodity Natural Gas type B 5 month forward	NYM Natural Gas (NG)	NYM	NQUVXZF+G+H+J+K+M+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCPL2E	Macquarie Single Commodity Platinum type B 2 month forward ER Index	NYM Platinum (PL)	NYM	JNNNNVVVF+F+F+J+J+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCPL4E	Macquarie Single Commodity Platinum type B 4 month forward ER Index	NYM Platinum (PL)	NYM	NNVVVF+F+F+J+J+N+	5	5	100	01/12/2009	01/06/2020	New York Mercantile Exchange	ER

MQCPL5E	Macquarie Single Commodity Platinum type B 5 month forward ER Index	NYM Platinum (PL)	NYM	NVVVF+F+F+J+J+J+N+N+	5	5	100	01/12/2009	01/06/2020	New York Mercantile Exchange	ER
MQCS2E	Macquarie Single Commodity Soybeans type B 2 month forward	CBT Soybeans (S)	CBT	KKNNXXXXF+F+H+H+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQCS4E	Macquarie Single Commodity Soybeans type B 4 month forward	CBT Soybeans (S)	CBT	NNXXXXF+F+H+H+K+K+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQCS5E	Macquarie Single Commodity Soybeans type B 5 month forward	CBT Soybeans (S)	CBT	NXXXXF+F+H+H+K+K+N+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQCSB2E	Macquarie Single Commodity Sugar type B 2 month forward	NYB Sugar (SB)	NYB	KKNNVVVH+H+H+H+H+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQCSB4E	Macquarie Single Commodity Sugar type B 4 month forward	NYB Sugar (SB)	NYB	NNVVVH+H+H+H+H+K+K+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQCSB5E	Macquarie Single Commodity Sugar type B 5 month forward	NYB Sugar (SB)	NYB	NVVVH+H+H+H+H+K+K+N+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQCSI2E	Macquarie Single Commodity Silver type B 2 month forward	CMX Silver (SI)	CMX	KKNUUZZZH+H+H+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQCSI4E	Macquarie Single Commodity Silver type B 4 month forward	CMX Silver (SI)	CMX	NNUUZZZH+H+H+K+K+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQCSI5E	Macquarie Single Commodity Silver type B 5 month forward	CMX Silver (SI)	CMX	NUUZZZH+H+H+K+K+N+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQCSM2E	Macquarie Single Commodity Soybean Meal type B 2 month forward ER Index	CBT Soybean Meal (SM)	CBT	KKNNZZZZF+H+H+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQCSM4E	Macquarie Single Commodity Soybean Meal type B 4 month forward ER Index	CBT Soybean Meal (SM)	CBT	NNZZZZF+H+H+K+K+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQCSM5E	Macquarie Single Commodity Soybean Meal type B 5 month forward ER Index	CBT Soybean Meal (SM)	CBT	NZZZZF+H+H+K+K+N+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER

MQSCW2E	Macquarie Single Commodity Wheat type B 2 month forward	CBT Wheat (Chicago) (W)	CBT	KKNNUUZZH+H+H+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCW4E	Macquarie Single Commodity Wheat type B 4 month forward	CBT Wheat (Chicago) (W)	CBT	NNUUZZH+H+H+K+K+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCW5E	Macquarie Single Commodity Wheat type B 5 month forward	CBT Wheat (Chicago) (W)	CBT	NUUZZH+H+H+K+K+N+	5	5	100	06/02/2004	01/06/2020	New York Mercantile Exchange	ER
MQSCPL6E	Macquarie Single Commodity Platinum type B 6 month forward ER Index	NYM Platinum (PL)	NYM	VVVF+F+F+J+J+N+N+N+	5	5	100	01/12/2009	01/06/2020	New York Mercantile Exchange	ER
MQSCCLSR	Macquarie Single Commodity Crude Oil (WTI) type B SR Index	NYM WTI Crude Oil (CL)	NYM	GHJKMNQUVXZF+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQSCCOSR	Macquarie Single Commodity Brent Crude Oil type B SR Index	ICE Brent Crude Oil (CO)	ICE	HJKMNQUVXZF+G+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQSCHOSR	Macquarie Single Commodity Heating Oil type B SR Index	NYM Heating Oil (HO)	NYM	GHJKMNQUVXZF+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQSCQSSR	Macquarie Single Commodity GasOil type B SR Index	ICE Gas Oil (QS)	ICE	GHJKMNQUVXZF+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQSCXBSR	Macquarie Single Commodity Unleaded Gasoline type B SR Index	NYM Unleaded Gasoline (XB)	NYM	GHJKMNQUVXZF+	5	5	100	24-Apr-06	22-Jul-20	New York Mercantile Exchange	SR
MQSCLASR	Macquarie Single Commodity Aluminium type B SR Index	LME Aluminium (LA)	LME	GHJKMNQUVXZF+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQSCLLSR	Macquarie Single Commodity Lead type B SR Index	LME Lead (LL)	LME	GHJKMNQUVXZF+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQSCLNSR	Macquarie Single Commodity Nickel type B SR Index	LME Nickel (LN)	LME	GHJKMNQUVXZF+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQSCLPSR	Macquarie Single Commodity Copper type B SR Index	LME Copper (LP)	LME	GHJKMNQUVXZF+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR

MQSCLTSR	Macquarie Single Commodity Tin type B SR Index	LME Tin (LT)	LME	GHJKMNQUVXZF+	5	5	100	03-Jan-06	22-Jul-20	New York Mercantile Exchange	SR
MQSCLXSR	Macquarie Single Commodity Zinc type B SR Index	LME Zinc (LX)	LME	GHJKMNQUVXZF+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQSCGCSR	Macquarie Single Commodity Gold type B SR Index	CMX Gold (GC)	CMX	GJJMMQQZZZG+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQSCSISR	Macquarie Single Commodity Silver type B SR Index	CMX Silver (SI)	CMX	HHKKNNUUZZZH+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQSCCSR	Macquarie Single Commodity Corn type B SR Index	CBT Corn (C)	CBT	HHKKNNUUZZZH+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQSCBOSR	Macquarie Single Commodity Soybean Oil type B SR Index	CBT Soybean Oil (BO)	CBT	HHKKNNZZZZF+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQCSSR	Macquarie Single Commodity Soybeans type B SR Index	CBT Soybeans (S)	CBT	HHKKNNXXXXF+F+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQCSMSR	Macquarie Single Commodity Soybean Meal type B SR Index	CBT Soybean Meal (SM)	CBT	HHKKNNZZZZF+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQCKWSR	Macquarie Single Commodity Kansas Wheat type B SR Index	CBT Wheat (Kansas) (KW)	CBT	HHKKNNUUZZZH+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQSDMWSR	Macquarie Single Commodity Minneapolis Wheat type A SR Index	MGE Wheat (Minneapolis) (MW)	MGE	HHKKNNUUZZZH+	5	5	100	04-Jun-04	22-Jul-20	New York Mercantile Exchange	SR
MQSCWSR	Macquarie Single Commodity Wheat type B SR Index	CBT Wheat (Chicago) (W)	CBT	HHKKNNUUZZZH+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQSCCCSR	Macquarie Single Commodity Cocoa type B SR Index	NYB Cocoa (CC)	NYB	HHKKNNUUZZZH+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQSCCTSR	Macquarie Single Commodity Cotton type B SR Index	NYB Cotton (CT)	NYB	HHKKNNZZZZH+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR

MQSCJOSR	Macquarie Single Commodity Orange Juice type B SR Index	NYB Orange Juice (JO)	NYB	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQSCKCSR	Macquarie Single Commodity Coffee type B SR Index	NYB Coffee (KC)	NYB	HHKKNNUUZZH+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQSDQWSR	Macquarie Single Commodity White Sugar type A SR Index	ICE White Sugar (QW)	ICE	HKKQQQVVZZH+H+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQSCSBSR	Macquarie Single Commodity Sugar type B SR Index	NYB Sugar (SB)	NYB	HHKKNNVVVH+H+H+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQSCLHSR	Macquarie Single Commodity Lean Hogs type B SR Index	CME Lean Hogs (LH)	CME	GJJMMNQVVZZG+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQSCFCSR	Macquarie Single Commodity Feeder Cattle type B SR Index	CME Feeder Cattle (FC)	CME	HHJKQQQUVXF+F+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQSCLCSR	Macquarie Single Commodity Live Cattle type B SR Index	CME Live Cattle (LC)	CME	GJJMMQQVVZZG+	5	5	100	06-Feb-04	22-Jul-20	New York Mercantile Exchange	SR
MQSD1YCL	Macquarie Single Commodity WTI Crude Oil 1Y Rolling Futures Index	WTI Crude Oil	NYMEX	ZZH+H+K+K+M+M+U+U+X+X+	-6	15	100	5-Jan-2005	18-Sep-20	New York Mercantile Exchange	ER
MQSD1YCO	Macquarie Single Commodity Brent Crude Oil 1Y Rolling Futures Index	Brent Crude Oil	ICE	ZH+H+K+K+M+M+U+U+X+X+Z+	-6	15	100	5-Jan-2005	18-Sep-20	New York Mercantile Exchange	ER
MQSD1YHO	Macquarie Single Commodity Heating Oil 1Y Rolling Futures Index	Heating Oil	NYMEX	XXZZH+H+K+K+M+M+U+U+	-6	15	100	5-Jan-2005	18-Sep-20	New York Mercantile Exchange	ER
MQSD1YQS	Macquarie Single Commodity Gas Oil 1Y Rolling Futures Index	Gas Oil	ICE	ZZH+H+K+K+M+M+U+U+X+X+	-6	15	100	6-Jan-2015	18-Sep-20	New York Mercantile Exchange	ER
MQSD1YXB	Macquarie Single Commodity Unleaded Gasoline 1Y Rolling Futures Index	Unleaded Gasoline	NYMEX	XXZZH+H+K+K+M+M+U+U+	-6	15	100	5-Jan-2006	18-Sep-20	New York Mercantile Exchange	ER
MQSD1YNG	Macquarie Single Commodity Natural Gas 1Y Rolling Futures Index	Natural Gas	NYMEX	F+F+H+H+K+K+N+N+U+U+X+X+	-6	15	100	5-Jan-2005	18-Sep-20	New York Mercantile Exchange	ER

MQSD1YLX	Macquarie Single Commodity Zinc 1Y Rolling Futures Index	Zinc	LME	F+F+H+H+K+K+N+N+U+U+X+X+	-6	15	100	5-Jan-2005	18-Sep-20	New York Mercantile Exchange	ER
MQSD1YLA	Macquarie Single Commodity Aluminium 1Y Rolling Futures Index	Aluminium	LME	F+F+H+H+K+K+N+N+U+U+X+X+	-6	15	100	5-Jan-2005	18-Sep-20	New York Mercantile Exchange	ER
MQSD1YLN	Macquarie Single Commodity Nickel 1Y Rolling Futures Index	Nickel	LME	XXF+F+H+H+K+K+N+N+U+U+	-6	15	100	5-Jan-2005	18-Sep-20	New York Mercantile Exchange	ER
MQSD1YGC	Macquarie Single Commodity Gold 1Y Rolling Futures Index	Gold	COMEX	ZG+G+J+J+M+M+Q+Q+Z+Z+Z+	-6	15	100	5-Jan-2005	18-Sep-20	New York Mercantile Exchange	ER
MQSD1YSI	Macquarie Single Commodity Silver 1Y Rolling Futures Index	Silver	COMEX	ZH+H+H+K+K+N+N+U+U+Z+Z+	-6	15	100	5-Jan-2005	18-Sep-20	New York Mercantile Exchange	ER
MQSD1YHG	Macquarie Single Commodity High Grade Copper 1Y Rolling Futures Index	High Grade Copper	COMEX	ZH+H+H+K+K+N+N+U+U+Z+Z+	-6	15	100	5-Jan-2005	18-Sep-20	New York Mercantile Exchange	ER
MQSD1YW	Macquarie Single Commodity Wheat (Chicago) 1Y Rolling Futures Index	Wheat (Chicago)	CBOT	ZH+H+H+K+K+N+N+U+U+Z+Z+	-6	15	100	5-Jan-2005	18-Sep-20	New York Mercantile Exchange	ER
MQSD1YKW	Macquarie Single Commodity Wheat (Kansas) 1Y Rolling Futures Index	Wheat (Kansas)	KCBOT	ZH+H+H+K+K+N+N+U+U+Z+Z+	-6	15	100	5-Jan-2010	18-Sep-20	New York Mercantile Exchange	ER
MQSD1YC	Macquarie Single Commodity Corn 1Y Rolling Futures Index	Corn	CBOT	ZH+H+H+K+K+N+N+U+U+Z+Z+	-6	15	100	5-Jan-2005	18-Sep-20	New York Mercantile Exchange	ER
MQSD1YS	Macquarie Single Commodity Soybeans 1Y Rolling Futures Index	Soybeans	CBOT	F+F+H+H+K+K+N+N+X+X+X+X+	-6	15	100	5-Jan-2005	18-Sep-20	New York Mercantile Exchange	ER
MQSD1YSM	Macquarie Single Commodity Soybean Meal 1Y Rolling Futures Index	Soybean Meal	CBOT	F+F+H+H+K+K+N+N+Z+Z+Z+Z+	-6	15	100	5-Jan-2005	18-Sep-20	New York Mercantile Exchange	ER
MQSD1YBO	Macquarie Single Commodity Soybean Oil 1Y Rolling Futures Index	Soybean Oil	CBOT	F+F+H+H+K+K+N+N+Z+Z+Z+Z+	-6	15	100	5-Jan-2007	18-Sep-20	New York Mercantile Exchange	ER
MQSD1YSB	Macquarie Single Commodity Sugar 1Y Rolling Futures Index	Sugar	NYBOT	H+H+H+H+K+K+N+N+V+V+V+V++	-6	15	100	5-Jan-2005	18-Sep-20	New York Mercantile Exchange	ER

MQSD1YCC	Macquarie Single Commodity Cocoa 1Y Rolling Futures Index	Cocoa	NYBOT	ZH+H+H+K+K+N+N+U+U+Z+Z+	-6	15	100	5-Jan-2005	18-Sep-20	New York Mercantile Exchange	ER
MQSD1YKC	Macquarie Single Commodity Coffee 1Y Rolling Futures Index	Coffee	NYBOT	ZH+H+H+K+K+N+N+U+U+Z+Z+	-6	15	100	5-Jan-2005	18-Sep-20	New York Mercantile Exchange	ER
MQSD1YCT	Macquarie Single Commodity Cotton 1Y Rolling Futures Index	Cotton	NYBOT	ZH+H+H+K+K+N+N+Z+Z+	-6	15	100	5-Jan-2005	18-Sep-20	New York Mercantile Exchange	ER
MQSD1YLC	Macquarie Single Commodity Live Cattle 1Y Rolling Futures Index	Live Cattle	CME	ZZG+G+J+J+M+M+Q+Q+V+V+	-6	15	100	5-Jan-2005	18-Sep-20	New York Mercantile Exchange	ER
MQSD1YLH	Macquarie Single Commodity Lean Hogs 1Y Rolling Futures Index	Lean Hogs	CME	ZZG+G+J+J+M+M+N+Q+V+V+	-6	15	100	5-Jan-2005	18-Sep-20	New York Mercantile Exchange	ER
MQSCLBOAS	Macquarie F6vF0 Seasonally Adjusted CBOT Soybean Oil (BO) Beta SR (L) Type A	CBOT Soybean Oil (BO)	CBOT	NNNNF+F+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCLBOA	Macquarie F6vF0 Seasonally Adjusted CBOT Soybean Oil (BO) Beta ER (L) Type A	CBOT Soybean Oil (BO)	CBOT	NNNNF+F+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCLCCAS	Macquarie F6vF0 Seasonally Adjusted NYBOT Cocoa (CC) Beta SR (L) Type A	NYBOT Cocoa (CC)	NYBOT	UUZZZH+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCLCCA	Macquarie F6vF0 Seasonally Adjusted NYBOT Cocoa (CC) Beta ER (L) Type A	NYBOT Cocoa (CC)	NYBOT	UUZZZH+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCLCLAS	Macquarie F6vF0 Seasonally Adjusted NYMEX WTI Crude Oil (CL) Beta SR (L) Type A	NYMEX WTI Crude Oil (CL)	NYMEX	UUXXF+F+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCLCLA	Macquarie F6vF0 Seasonally Adjusted NYMEX WTI Crude Oil (CL) Beta ER (L) Type A	NYMEX WTI Crude Oil (CL)	NYMEX	UUXXF+F+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCLCTAS	Macquarie F6vF0 Seasonally Adjusted NYBOT Cotton (CT) Beta SR (L) Type A	NYBOT Cotton (CT)	NYBOT	NNNNH+H+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCLCTA	Macquarie F6vF0 Seasonally Adjusted NYBOT Cotton (CT) Beta ER (L) Type A	NYBOT Cotton (CT)	NYBOT	NNNNH+H+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER

MQSCLCXAS	Macquarie F6vF0 Seasonally Adjusted CBOT Corn (C) Beta SR (L) Type A	CBOT Corn (C)	CBOT	UUUUUUH+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCLCXA	Macquarie F6vF0 Seasonally Adjusted CBOT Corn (C) Beta ER (L) Type A	CBOT Corn (C)	CBOT	UUUUUUH+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCLHGAS	Macquarie F6vF0 Seasonally Adjusted COMEX High Grade Copper (HG) Beta SR (L) Type A	COMEX High Grade Copper (HG)	COMEX	UUZZZH+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCLHGA	Macquarie F6vF0 Seasonally Adjusted COMEX High Grade Copper (HG) Beta ER (L) Type A	COMEX High Grade Copper (HG)	COMEX	UUZZZH+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCLHOAS	Macquarie F6vF0 Seasonally Adjusted NYMEX Heating Oil (HO) Beta SR (L) Type A	NYMEX Heating Oil (HO)	NYMEX	UUUUUUH+H+H+H+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCLHOA	Macquarie F6vF0 Seasonally Adjusted NYMEX Heating Oil (HO) Beta ER (L) Type A	NYMEX Heating Oil (HO)	NYMEX	UUUUUUH+H+H+H+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCLKCAS	Macquarie F6vF0 Seasonally Adjusted NYBOT Coffee (KC) Beta SR (L) Type A	NYBOT Coffee (KC)	NYBOT	UUZZZH+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCLKCA	Macquarie F6vF0 Seasonally Adjusted NYBOT Coffee (KC) Beta ER (L) Type A	NYBOT Coffee (KC)	NYBOT	UUZZZH+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCLKWAS	Macquarie F6vF0 Seasonally Adjusted KCBOT Wheat (Kansas) (KW) Beta SR (L) Type A	KCBOT Wheat (Kansas) (KW)	KCBOT	NNNNNH+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCLKWA	Macquarie F6vF0 Seasonally Adjusted KCBOT Wheat (Kansas) (KW) Beta ER (L) Type A	KCBOT Wheat (Kansas) (KW)	KCBOT	NNNNNH+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCLLAAS	Macquarie F6vF0 Seasonally Adjusted LME Aluminium (LA) Beta SR (L) Type A	LME Aluminium (LA)	LME	UUXXF+F+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCLLAA	Macquarie F6vF0 Seasonally Adjusted LME Aluminium (LA) Beta ER (L) Type A	LME Aluminium (LA)	LME	UUXXF+F+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCLLCAS	Macquarie F6vF0 Seasonally Adjusted CME Live Cattle (LC) Beta SR (L) Type A	CME Live Cattle (LC)	CME	VVVZZG+G+J+J+J+J+J+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR

MQSCLLCA	Macquarie F6vF0 Seasonally Adjusted CME Live Cattle (LC) Beta ER (L) Type A	CME Live Cattle (LC)	CME	VVVZZG+G+J+J+J+J+J+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCLLHAS	Macquarie F6vF0 Seasonally Adjusted CME Lean Hogs (LH) Beta SR (L) Type A	CME Lean Hogs (LH)	CME	QQQQQQG+G+J+J+M+M+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCLLHA	Macquarie F6vF0 Seasonally Adjusted CME Lean Hogs (LH) Beta ER (L) Type A	CME Lean Hogs (LH)	CME	QQQQQQG+G+J+J+M+M+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCLLNAS	Macquarie F6vF0 Seasonally Adjusted LME Nickel (LN) Beta SR (L) Type A	LME Nickel (LN)	LME	UUXXF+F+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCLLNA	Macquarie F6vF0 Seasonally Adjusted LME Nickel (LN) Beta ER (L) Type A	LME Nickel (LN)	LME	UUXXF+F+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCLLXAS	Macquarie F6vF0 Seasonally Adjusted LME Zinc (LX) Beta SR (L) Type A	LME Zinc (LX)	LME	UUXXF+F+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCLLXA	Macquarie F6vF0 Seasonally Adjusted LME Zinc (LX) Beta ER (L) Type A	LME Zinc (LX)	LME	UUXXF+F+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCLLLAS	Macquarie F6vF0 Seasonally Adjusted LME Lead (LL) Beta SR (L) Type A	LME Lead (LX)	LME	UUXXF+F+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCLLLA	Macquarie F6vF0 Seasonally Adjusted LME Lead (LL) Beta ER (L) Type A	LME Lead (LX)	LME	UUXXF+F+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCLNGAS	Macquarie F6vF0 Seasonally Adjusted NYMEX Natural Gas (NG) Beta SR (L) Type A	NYMEX Natural Gas (NG)	NYMEX	UUUUUUH+H+H+H+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCLNGA	Macquarie F6vF0 Seasonally Adjusted NYMEX Natural Gas (NG) Beta ER (L) Type A	NYMEX Natural Gas (NG)	NYMEX	UUUUUUH+H+H+H+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCLQSAS	Macquarie F6vF0 Seasonally Adjusted ICE Gas Oil (QS) Beta SR (L) Type A	ICE Gas Oil (QS)	ICE	UUUUUUH+H+H+H+N+N+	-1	5	100	30-Jan-04	28-Jan-21	New York Mercantile Exchange	SR
MQSCLQSA	Macquarie F6vF0 Seasonally Adjusted ICE Gas Oil (QS) Beta ER (L) Type A	ICE Gas Oil (QS)	ICE	UUUUUUH+H+H+H+N+N+	-1	5	100	30-Jan-04	28-Jan-21	New York Mercantile Exchange	ER

MQSCLSBAS	Macquarie F6vF0 Seasonally Adjusted NYBOT Sugar (SB) Beta SR (L) Type A	NYBOT Sugar (SB)	NYBOT	VVVH+H+H+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCLSBA	Macquarie F6vF0 Seasonally Adjusted NYBOT Sugar (SB) Beta ER (L) Type A	NYBOT Sugar (SB)	NYBOT	VVVH+H+H+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCLSMAS	Macquarie F6vF0 Seasonally Adjusted CBOT Soybean Meal (SM) Beta SR (L) Type A	CBOT Soybean Meal (SM)	CBOT	NNNNF+F+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCLSMAS	Macquarie F6vF0 Seasonally Adjusted CBOT Soybean Meal (SM) Beta ER (L) Type A	CBOT Soybean Meal (SM)	CBOT	NNNNF+F+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCLSXAS	Macquarie F6vF0 Seasonally Adjusted CBOT Soybeans (S) Beta SR (L) Type A	CBOT Soybeans (S)	CBOT	NNNNF+F+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCLSXAS	Macquarie F6vF0 Seasonally Adjusted CBOT Soybeans (S) Beta ER (L) Type A	CBOT Soybeans (S)	CBOT	NNNNF+F+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCLWXAS	Macquarie F6vF0 Seasonally Adjusted CBOT Wheat (Chicago) (W) Beta SR (L) Type A	CBOT Wheat (Chicago) (W)	CBOT	NNNNNH+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCLWXAS	Macquarie F6vF0 Seasonally Adjusted CBOT Wheat (Chicago) (W) Beta ER (L) Type A	CBOT Wheat (Chicago) (W)	CBOT	NNNNNH+H+H+K+K+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCLXBAS	Macquarie F6vF0 Seasonally Adjusted NYMEX Unleaded Gasoline (XB) Beta SR (L) Type A	NYMEX Unleaded Gasoline (XB)	NYMEX	UUUUUUH+H+H+H+N+N+	-1	5	100	01-Dec-03	28-Jan-21	New York Mercantile Exchange	SR
MQSCLXBA	Macquarie F6vF0 Seasonally Adjusted NYMEX Unleaded Gasoline (XB) Beta ER (L) Type A	NYMEX Unleaded Gasoline (XB)	NYMEX	UUUUUUH+H+H+H+N+N+	-1	5	100	01-Dec-03	28-Jan-21	New York Mercantile Exchange	ER
MQSCSBOAS	Macquarie F6vF0 Seasonally Adjusted CBOT Soybean Oil (BO) Beta SR (S) Type A	CBOT Soybean Oil (BO)	CBOT	HHKKZZZZZ+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCSBOA	Macquarie F6vF0 Seasonally Adjusted CBOT Soybean Oil (BO) Beta ER (S) Type A	CBOT Soybean Oil (BO)	CBOT	HHKKZZZZZ+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCSCCAS	Macquarie F6vF0 Seasonally Adjusted NYBOT Cocoa (CC) Beta SR (S) Type A	NYBOT Cocoa (CC)	NYBOT	HHKKNNUUZZZ+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR

MQSCSCCA	Macquarie F6vF0 Seasonally Adjusted NYBOT Cocoa (CC) Beta ER (S) Type A	NYBOT Cocoa (CC)	NYBOT	HHKKNNUUZZZH+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCSCLAS	Macquarie F6vF0 Seasonally Adjusted NYMEX WTI Crude Oil (CL) Beta SR (S) Type A	NYMEX WTI Crude Oil (CL)	NYMEX	HHKKNNUUXXF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCSCLA	Macquarie F6vF0 Seasonally Adjusted NYMEX WTI Crude Oil (CL) Beta ER (S) Type A	NYMEX WTI Crude Oil (CL)	NYMEX	HHKKNNUUXXF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCSCTAS	Macquarie F6vF0 Seasonally Adjusted NYBOT Cotton (CT) Beta SR (S) Type A	NYBOT Cotton (CT)	NYBOT	HHKKZZZZZZH+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCSCTA	Macquarie F6vF0 Seasonally Adjusted NYBOT Cotton (CT) Beta ER (S) Type A	NYBOT Cotton (CT)	NYBOT	HHKKZZZZZZH+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSCSCXAS	Macquarie F6vF0 Seasonally Adjusted CBOT Corn (C) Beta SR (S) Type A	CBOT Corn (C)	CBOT	HHKKNNZZZZH+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCSCXA	Macquarie F6vF0 Seasonally Adjusted CBOT Corn (C) Beta ER (S) Type A	CBOT Corn (C)	CBOT	HHKKNNZZZZH+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQCSHGAS	Macquarie F6vF0 Seasonally Adjusted COMEX High Grade Copper (HG) Beta SR (S) Type A	COMEX High Grade Copper (HG)	COMEX	HHKKNNUUZZZH+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQCSHGA	Macquarie F6vF0 Seasonally Adjusted COMEX High Grade Copper (HG) Beta ER (S) Type A	COMEX High Grade Copper (HG)	COMEX	HHKKNNUUZZZH+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQCSHOAS	Macquarie F6vF0 Seasonally Adjusted NYMEX Heating Oil (HO) Beta SR (S) Type A	NYMEX Heating Oil (HO)	NYMEX	KKKKNNXXXXK+K+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQCSHOA	Macquarie F6vF0 Seasonally Adjusted NYMEX Heating Oil (HO) Beta ER (S) Type A	NYMEX Heating Oil (HO)	NYMEX	KKKKNNXXXXK+K+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQCSKCAS	Macquarie F6vF0 Seasonally Adjusted NYBOT Coffee (KC) Beta SR (S) Type A	NYBOT Coffee (KC)	NYBOT	HHKKNNUUZZZH+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQCSKCA	Macquarie F6vF0 Seasonally Adjusted NYBOT Coffee (KC) Beta ER (S) Type A	NYBOT Coffee (KC)	NYBOT	HHKKNNUUZZZH+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER

MQCSKWA S	Macquarie F6vF0 Seasonally Adjusted KCBOT Wheat (Kansas) (KW) Beta SR (S) Type A	KCBOT Wheat (Kansas) (KW)	KCBOT	HHKKNUUUZZZH+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQCSKWA	Macquarie F6vF0 Seasonally Adjusted KCBOT Wheat (Kansas) (KW) Beta ER (S) Type A	KCBOT Wheat (Kansas) (KW)	KCBOT	HHKKNUUUZZZH+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQCSLAAS	Macquarie F6vF0 Seasonally Adjusted LME Aluminium (LA) Beta SR (S) Type A	LME Aluminium (LA)	LME	HHKKNNUUXXF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQCSLAA	Macquarie F6vF0 Seasonally Adjusted LME Aluminium (LA) Beta ER (S) Type A	LME Aluminium (LA)	LME	HHKKNNUUXXF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQCSLCAS	Macquarie F6vF0 Seasonally Adjusted CME Live Cattle (LC) Beta SR (S) Type A	CME Live Cattle (LC)	CME	GMMMMQQVVZZG+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQCSLCA	Macquarie F6vF0 Seasonally Adjusted CME Live Cattle (LC) Beta ER (S) Type A	CME Live Cattle (LC)	CME	GMMMMQQVVZZG+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQCSLHAS	Macquarie F6vF0 Seasonally Adjusted CME Lean Hogs (LH) Beta SR (S) Type A	CME Lean Hogs (LH)	CME	GJJMMVVVZZG+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQCSLHA	Macquarie F6vF0 Seasonally Adjusted CME Lean Hogs (LH) Beta ER (S) Type A	CME Lean Hogs (LH)	CME	GJJMMVVVZZG+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQCSLNAS	Macquarie F6vF0 Seasonally Adjusted LME Nickel (LN) Beta SR (S) Type A	LME Nickel (LN)	LME	HHKKNNUUXXF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQCSLNAs	Macquarie F6vF0 Seasonally Adjusted LME Nickel (LN) Beta ER (S) Type A	LME Nickel (LN)	LME	HHKKNNUUXXF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQCSLXAS	Macquarie F6vF0 Seasonally Adjusted LME Zinc (LX) Beta SR (S) Type A	LME Zinc (LX)	LME	HHKKNNUUXXF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQCSLXA	Macquarie F6vF0 Seasonally Adjusted LME Zinc (LX) Beta ER (S) Type A	LME Zinc (LX)	LME	HHKKNNUUXXF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQCSLLAS	Macquarie F6vF0 Seasonally Adjusted LME Lead (LL) Beta SR (S) Type A	LME Lead (LX)	LME	HHKKNNUUXXF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR

MQSCSLLA	Macquarie F6vF0 Seasonally Adjusted LME Lead (LL) Beta ER (S) Type A	LME Lead (LX)	LME	HHKKNNUUXXF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQCSNGAS	Macquarie F6vF0 Seasonally Adjusted NYMEX Natural Gas (NG) Beta SR (S) Type A	NYMEX Natural Gas (NG)	NYMEX	KKKKNNXXXXK+K+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQCSNGA	Macquarie F6vF0 Seasonally Adjusted NYMEX Natural Gas (NG) Beta ER (S) Type A	NYMEX Natural Gas (NG)	NYMEX	KKKKNNXXXXK+K+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQCSQSAS	Macquarie F6vF0 Seasonally Adjusted ICE Gas Oil (QS) Beta SR (S) Type A	ICE Gas Oil (QS)	ICE	KKKKNNXXXXK+K+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQCSQSA	Macquarie F6vF0 Seasonally Adjusted ICE Gas Oil (QS) Beta ER (S) Type A	ICE Gas Oil (QS)	ICE	KKKKNNXXXXK+K+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQCSSLBAS	Macquarie F6vF0 Seasonally Adjusted NYBOT Sugar (SB) Beta SR (S) Type A	NYBOT Sugar (SB)	NYBOT	HHKKNNVVVH+H+H+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQCSSBA	Macquarie F6vF0 Seasonally Adjusted NYBOT Sugar (SB) Beta ER (S) Type A	NYBOT Sugar (SB)	NYBOT	HHKKNNVVVH+H+H+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQCSSMAS	Macquarie F6vF0 Seasonally Adjusted CBOT Soybean Meal (SM) Beta SR (S) Type A	CBOT Soybean Meal (SM)	CBOT	HHKKZZZZZF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQCSSMA	Macquarie F6vF0 Seasonally Adjusted CBOT Soybean Meal (SM) Beta ER (S) Type A	CBOT Soybean Meal (SM)	CBOT	HHKKZZZZZF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQCSSXAS	Macquarie F6vF0 Seasonally Adjusted CBOT Soybeans (S) Beta SR (S) Type A	CBOT Soybeans (S)	CBOT	HHKKXXXXXXXXF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQCSSXA	Macquarie F6vF0 Seasonally Adjusted CBOT Soybeans (S) Beta ER (S) Type A	CBOT Soybeans (S)	CBOT	HHKKXXXXXXXXF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQCSWXAS	Macquarie F6vF0 Seasonally Adjusted CBOT Wheat (Chicago) (W) Beta SR (S) Type A	CBOT Wheat (Chicago) (W)	CBOT	HHKKNUUZZZH+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQCSWXA	Macquarie F6vF0 Seasonally Adjusted CBOT Wheat (Chicago) (W) Beta ER (S) Type A	CBOT Wheat (Chicago) (W)	CBOT	HHKKNUUZZZH+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER

MQSCSXBASE	Macquarie F6vF0 Seasonally Adjusted NYMEX Unleaded Gasoline (XB) Beta SR (S) Type A	NYMEX Unleaded Gasoline (XB)	NYMEX	KKKKNNXXXXK+K+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSCSXBA	Macquarie F6vF0 Seasonally Adjusted NYMEX Unleaded Gasoline (XB) Beta ER (S) Type A	NYMEX Unleaded Gasoline (XB)	NYMEX	KKKKNNXXXXK+K+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSDLALBS	Macquarie Minimum Drawdown LME Aluminium (LA) Beta SR (L) Type B	LME Aluminium (LA)	LME	KNNUXXF+F+H+H+K+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDLBOBS	Macquarie Minimum Drawdown CBOT Soybean Oil (BO) Beta SR (L) Type B	CBOT Soybean Oil (BO)	CBOT	KNNNNNZF+F+H+H+K+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDLCCBS	Macquarie Minimum Drawdown NYBOT Cocoa (CC) Beta SR (L) Type B	NYBOT Cocoa (CC)	NYBOT	KNNUUZZH+H+H+K+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDLCCB	Macquarie Minimum Drawdown NYBOT Cocoa (CC) Beta ER (L) Type B	NYBOT Cocoa (CC)	NYBOT	KNNUUZZH+H+H+K+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSDLCLBS	Macquarie Minimum Drawdown NYMEX WTI Crude Oil (CL) Beta SR (L) Type B	NYMEX WTI Crude Oil (CL)	NYMEX	KNNUXXF+F+H+H+K+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDLCNBS	Macquarie Minimum Drawdown CBOT Corn (C) Beta SR (L) Type B	CBOT Corn (C)	CBOT	KNNNNNZZH+H+H+K+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDLCTBS	Macquarie Minimum Drawdown NYBOT Cotton (CT) Beta SR (L) Type B	NYBOT Cotton (CT)	NYBOT	KNNZZZZZH+H+K+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDLHGBS	Macquarie Minimum Drawdown COMEX High Grade Copper (HG) Beta SR (L) Type B	COMEX High Grade Copper (HG)	COMEX	HKKNUUZZH+H+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDLHOBS	Macquarie Minimum Drawdown NYMEX Heating Oil (HO) Beta SR (L) Type B	NYMEX Heating Oil (HO)	NYMEX	HNNNUUVXF+F+H+H+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDLKCBS	Macquarie Minimum Drawdown NYBOT Coffee (KC) Beta SR (L) Type B	NYBOT Coffee (KC)	NYBOT	KNNUUUUUH+H+H+K+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDLKWB	Macquarie Minimum Drawdown KCBOT Wheat (Kansas) (KW) Beta SR (L) Type B	KCBOT Wheat (Kansas) (KW)	KCBOT	NNNNNNZZK+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR

MQSDLLCBS	Macquarie Minimum Drawdown CME Live Cattle (LC) Beta SR (L) Type B	CME Live Cattle (LC)	CME	QVVZZG+G+J+J+M+M+Q+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDLLHBS	Macquarie Minimum Drawdown CME Lean Hogs (LH) Beta SR (L) Type B	CME Lean Hogs (LH)	CME	QVVZZG+G+J+J+M+M+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDLLNBS	Macquarie Minimum Drawdown LME Nickel (LN) Beta SR (L) Type B	LME Nickel (LN)	LME	KNNUUXXF+F+H+H+K+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDLLXBS	Macquarie Minimum Drawdown LME Zinc (LX) Beta SR (L) Type B	LME Zinc (LX)	LME	KNNUUXXF+F+H+H+K+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDLLLBS	Macquarie Minimum Drawdown LME Lead (LL) Beta SR (L) Type B	LME Lead (LL)	LME	KNNUUXXF+F+H+H+K+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDLNGBS	Macquarie Minimum Drawdown NYMEX Natural Gas (NG) Beta SR (L) Type B	NYMEX Natural Gas (NG)	NYMEX	HNNNUUVXF+F+H+H+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDLQSBS	Macquarie Minimum Drawdown ICE Gas Oil (QS) Beta SR (L) Type B	ICE Gas Oil (QS)	ICE	HNNNUUVXF+F+H+H+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDLSBBS	Macquarie Minimum Drawdown NYBOT Sugar (SB) Beta SR (L) Type B	NYBOT Sugar (SB)	NYBOT	KNNVVVVVH+H+H+K+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDLSBS	Macquarie Minimum Drawdown CBOT Soybeans (S) Beta SR (L) Type B	CBOT Soybeans (S)	CBOT	KNNNNNF+F+F+H+H+K+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDLSMBS	Macquarie Minimum Drawdown CBOT Soybean Meal (SM) Beta SR (L) Type B	CBOT Soybean Meal (SM)	CBOT	KNNNNNZF+F+H+H+K+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDLWBS	Macquarie Minimum Drawdown CBOT Wheat (Chicago) (W) Beta SR (L) Type B	CBOT Wheat (Chicago) (W)	CBOT	NNNNNNZZK+N+N+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDLXBBS	Macquarie Minimum Drawdown NYMEX Unleaded Gasoline (XB) Beta SR (L) Type B	NYMEX Unleaded Gasoline (XB)	NYMEX	HNNNUUVXF+F+H+H+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDSALBS	Macquarie Minimum Drawdown LME Aluminium (LA) Beta SR (S) Type B	LME Aluminium (LA)	LME	HHKKNNUUXXF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR

MQSDSBOBS	Macquarie Minimum Drawdown CBOT Soybean Oil (BO) Beta SR (S) Type B	CBOT Soybean Oil (BO)	CBOT	HHKKNNZZZF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDSCCBS	Macquarie Minimum Drawdown NYBOT Cocoa (CC) Beta SR (S) Type B	NYBOT Cocoa (CC)	NYBOT	HHKKNNUUZZZH+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDSCCB	Macquarie Minimum Drawdown NYBOT Cocoa (CC) Beta ER (S) Type B	NYBOT Cocoa (CC)	NYBOT	HHKKNNUUZZZH+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	ER
MQSDSCLBS	Macquarie Minimum Drawdown NYMEX WTI Crude Oil (CL) Beta SR (S) Type B	NYMEX WTI Crude Oil (CL)	NYMEX	HHKKNNUUXXF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDSCNBS	Macquarie Minimum Drawdown CBOT Corn (C) Beta SR (S) Type B	CBOT Corn (C)	CBOT	HHKKNNUUZZZH+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDSCTBS	Macquarie Minimum Drawdown NYBOT Cotton (CT) Beta SR (S) Type B	NYBOT Cotton (CT)	NYBOT	HHKKNNZZZZH+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDSHGBS	Macquarie Minimum Drawdown COMEX High Grade Copper (HG) Beta SR (S) Type B	COMEX High Grade Copper (HG)	COMEX	HHKKNNUUZZZH+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDSHOBS	Macquarie Minimum Drawdown NYMEX Heating Oil (HO) Beta SR (S) Type B	NYMEX Heating Oil (HO)	NYMEX	GKKKNNUUZZF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDSKCBS	Macquarie Minimum Drawdown NYBOT Coffee (KC) Beta SR (S) Type B	NYBOT Coffee (KC)	NYBOT	HHKKNNUUZZZH+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDSKWB	Macquarie Minimum Drawdown KCBOT Wheat (Kansas) (KW) Beta SR (S) Type B	KCBOT Wheat (Kansas) (KW)	KCBOT	HHKKNNUUZZZH+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDSLCBS	Macquarie Minimum Drawdown CME Live Cattle (LC) Beta SR (S) Type B	CME Live Cattle (LC)	CME	GJJMMQQVVZZG+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDSLHBS	Macquarie Minimum Drawdown CME Lean Hogs (LH) Beta SR (S) Type B	CME Lean Hogs (LH)	CME	GJJMMMNQVVZZG+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDSLNBS	Macquarie Minimum Drawdown LME Nickel (LN) Beta SR (S) Type B	LME Nickel (LN)	LME	HHKKNNUUXXF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR

MQSDLXBS	Macquarie Minimum Drawdown LME Zinc (LX) Beta SR (S) Type B	LME Zinc (LX)	LME	HHKKNNUUXXF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDLLBS	Macquarie Minimum Drawdown LME Lead (LX) Beta SR (S) Type B	LME Lead (LL)	LME	HHKKNNUUXXF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDSNGBS	Macquarie Minimum Drawdown NYMEX Natural Gas (NG) Beta SR (S) Type B	NYMEX Natural Gas (NG)	NYMEX	GKKKNNUUZZF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDSQSBS	Macquarie Minimum Drawdown ICE Gas Oil (QS) Beta SR (S) Type B	ICE Gas Oil (QS)	ICE	GKKKNNUUZZF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDSSBBS	Macquarie Minimum Drawdown NYBOT Sugar (SB) Beta SR (S) Type B	NYBOT Sugar (SB)	NYBOT	HHKKNNVVVH+H+H+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDSSBS	Macquarie Minimum Drawdown CBOT Soybeans (S) Beta SR (S) Type B	CBOT Soybeans (S)	CBOT	HHKKNNXXXXF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDSSMB	Macquarie Minimum Drawdown CBOT Soybean Meal (SM) Beta SR (S) Type B	CBOT Soybean Meal (SM)	CBOT	HHKKNNZZZF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDSWBS	Macquarie Minimum Drawdown CBOT Wheat (Chicago) (W) Beta SR (S) Type B	CBOT Wheat (Chicago) (W)	CBOT	HHKKNNUUZZZH+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDSXBB	Macquarie Minimum Drawdown NYMEX Unleaded Gasoline (XB) Beta SR (S) Type B	NYMEX Unleaded Gasoline (XB)	NYMEX	GKKKNNUUZZF+F+	-1	5	100	04-Jan-00	28-Jan-21	New York Mercantile Exchange	SR
MQSDNGSR	Macquarie Single Commodity Natural Gas type A SR Index	NYM Natural Gas (NG)	NYM	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDCLSR	Macquarie Single Commodity Crude Oil (WTI) type A SR Index	NYM WTI Crude Oil (CL)	NYM	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDCOSR	Macquarie Single Commodity Brent Crude Oil type A SR Index	ICE Brent Crude Oil (CO)	ICE	HKKNNUUXXF+F+H+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDXBSR	Macquarie Single Commodity Unleaded Gasoline type A SR Index	NYM Unleaded Gasoline (XB)	NYM	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR

MQSDHOSR	Macquarie Single Commodity Heating Oil type A SR Index	NYM Heating Oil (HO)	NYM	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDLCSR	Macquarie Single Commodity Live Cattle type A SR Index	CME Live Cattle (LC)	CME	GJJMMQQVVZZG+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDLHSR	Macquarie Single Commodity Lean Hogs type A SR Index	CME Lean Hogs (LH)	CME	GJJMMNQVVZZG+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDWSR	Macquarie Single Commodity Wheat type A SR Index	CBT Wheat (Chicago) (W)	CBT	HHKKNNUUZZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDKWSR	Macquarie Single Commodity Kansas Wheat type A SR Index	CBT Wheat (Kansas) (KW)	CBT	HHKKNNUUZZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDCSR	Macquarie Single Commodity Corn type A SR Index	CBT Corn (C)	CBT	HHKKNNUUZZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDSSR	Macquarie Single Commodity Soybeans type A SR Index	CBT Soybeans (S)	CBT	HHKKNNXXXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDBOSR	Macquarie Single Commodity Soybean Oil type A SR Index	CBT Soybean Oil (BO)	CBT	HHKKNNZZZF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDSMSR	Macquarie Single Commodity Soybean Meal type A SR Index	CBT Soybean Meal (SM)	CBT	HHKKNNZZZF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDLASR	Macquarie Single Commodity Aluminium type A SR Index	LME Aluminium (LA)	LME	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDHGSR	Macquarie Single Commodity Copper (COMEX) type A SR Index	CMX High Grade Copper (HG)	CMX	HHKKNNUUZZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDLXSR	Macquarie Single Commodity Zinc type A SR Index	LME Zinc (LX)	LME	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDLNSR	Macquarie Single Commodity Nickel type A SR Index	LME Nickel (LN)	LME	HHKKNNUUXXF+F+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR

MQSDGCSR	Macquarie Single Commodity Gold type A SR Index	CMX Gold (GC)	CMX	GJJMMQQZZZG+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDSISR	Macquarie Single Commodity Silver type A SR Index	CMX Silver (SI)	CMX	HHKKNNUUZZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDSBSR	Macquarie Single Commodity Sugar type A SR Index	NYB Sugar (SB)	NYB	HHKKNNVVVH+H+H+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDCTS R	Macquarie Single Commodity Cotton type A SR Index	NYB Cotton (CT)	NYB	HHKKNNZZZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDKCSR	Macquarie Single Commodity Coffee type A SR Index	NYB Coffee (KC)	NYB	HHKKNNUUZZZH+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDNG3S	Macquarie Single Commodity Natural Gas type A 3 month forward SR Index	NYM Natural Gas (NG)	NYM	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDCL3S	Macquarie Single Commodity Crude Oil (WTI) type A 3 month forward SR Index	NYM WTI Crude Oil (CL)	NYM	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDCO3S	Macquarie Single Commodity Brent Crude Oil type A 3 month forward SR Index	ICE Brent Crude Oil (CO)	ICE	NNUUXXF+F+H+H+K+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDXB3S	Macquarie Single Commodity Unleaded Gasoline type A 3 month forward SR Index	NYM Unleaded Gasoline (XB)	NYM	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDHO3S	Macquarie Single Commodity Heating Oil type A 3 month forward SR Index	NYM Heating Oil (HO)	NYM	KNNUUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDLC3S	Macquarie Single Commodity Live Cattle type A 3 month forward SR Index	CME Live Cattle (LC)	CME	MMQQVVZZG+G+J+J+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDLH3S	Macquarie Single Commodity Lean Hogs type A 3 month forward SR Index	CME Lean Hogs (LH)	CME	MMNQVVZZG+G+J+J+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDW3S	Macquarie Single Commodity Wheat type A 3 month forward SR Index	CBT Wheat (Chicago) (W)	CBT	KNNUUZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR

MQSDKW3S	Macquarie Single Commodity Kansas Wheat type A 3 month forward SR Index	CBT Wheat (Kansas) (KW)	CBT	KNNUUZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDC3S	Macquarie Single Commodity Corn type A 3 month forward SR Index	CBT Corn (C)	CBT	KNNUUZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDS3S	Macquarie Single Commodity Soybeans type A 3 month forward SR Index	CBT Soybeans (S)	CBT	KNNXXXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDBO3S	Macquarie Single Commodity Soybean Oil type A 3 month forward SR Index	CBT Soybean Oil (BO)	CBT	KNNZZZF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDSM3S	Macquarie Single Commodity Soybean Meal type A 3 month forward SR Index	CBT Soybean Meal (SM)	CBT	KNNZZZF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDLA3S	Macquarie Single Commodity Aluminium type A 3 month forward SR Index	LME Aluminium (LA)	LME	KNNUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDHG3S	Macquarie Single Commodity Copper (COMEX) type A 3 month forward SR Index	CMX High Grade Copper (HG)	CMX	KNNUUZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDLX3S	Macquarie Single Commodity Zinc type A 3 month forward SR Index	LME Zinc (LX)	LME	KNNUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDLN3S	Macquarie Single Commodity Nickel type A 3 month forward SR Index	LME Nickel (LN)	LME	KNNUXXF+F+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDGC3S	Macquarie Single Commodity Gold type A 3 month forward SR Index	CMX Gold (GC)	CMX	MMQQZZZG+G+J+J+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDSI3S	Macquarie Single Commodity Silver type A 3 month forward SR Index	CMX Silver (SI)	CMX	KNNUUZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDSB3S	Macquarie Single Commodity Sugar type A 3 month forward SR Index	NYB Sugar (SB)	NYB	KNNVVVH+H+H+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQSDCT3S	Macquarie Single Commodity Cotton type A 3 month forward SR Index	NYB Cotton (CT)	NYB	KNNZZZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR

MQSDKC3S	Macquarie Single Commodity Coffee type A 3 month forward SR Index	NYB Coffee (KC)	NYB	KNNUUZZH+H+H+K+	5	5	100	06-Feb-04	29-Mar-14	New York Mercantile Exchange	SR
MQCP0CL9	Macquarie Single Commodity WTI Crude Oil Pre-roll Type A F0 V2	NYM WTI Crude Oil (CL)	NYM	HHKKNNUUXXF+F+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP1CL9	Macquarie Single Commodity NYMEX WTI Crude Oil (CL) Pre Roll type A 1 month forward ER Index V2	NYM WTI Crude Oil (CL)	NYM	HKKNNUUXXF+F+H+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP2CL9	Macquarie Single Commodity WTI Crude Oil Pre-roll Type A F2 V2	NYM WTI Crude Oil (CL)	NYM	KKNNUUXXF+F+H+H+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP3CL9	Macquarie Single Commodity WTI Crude Oil Pre-roll Type A F3 V2	NYM WTI Crude Oil (CL)	NYM	KNNUUXXF+F+H+H+K+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP4CL9	Macquarie Single Commodity NYMEX WTI Crude Oil (CL) Pre Roll type A 4 month forward ER Index V2	NYM WTI Crude Oil (CL)	NYM	NNUUXXF+F+H+H+K+K+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP5CL9	Macquarie Single Commodity NYMEX WTI Crude Oil (CL) Pre Roll type A 5 month forward ER Index V2	NYM WTI Crude Oil (CL)	NYM	NUUXXF+F+H+H+K+K+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP6CL9	Macquarie Single Commodity NYMEX WTI Crude Oil (CL) Pre Roll type A 6 month forward ER Index V2	NYM WTI Crude Oil (CL)	NYM	UUXXF+F+H+H+K+K+N+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP0CO9	Macquarie Single Commodity Brent Crude Oil Pre-roll Type A F0 V2	ICE Brent Crude Oil (CO)	ICE	HKKNNUUXXF+F+H+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP1CO9	Macquarie Single Commodity ICE Brent Crude Oil (CO) Pre Roll type A 1 month forward ER Index V2	ICE Brent Crude Oil (CO)	ICE	KKNNUUXXF+F+H+H+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP2CO9	Macquarie Single Commodity Brent Crude Oil Pre-roll Type A F2 V2	ICE Brent Crude Oil (CO)	ICE	KNNUUXXF+F+H+H+K+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP3CO9	Macquarie Single Commodity Brent Crude Oil Pre-roll Type A F3 V2	ICE Brent Crude Oil (CO)	ICE	NNUUXXF+F+H+H+K+K+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP4CO9	Macquarie Single Commodity ICE Brent Crude Oil (CO) Pre Roll type A 4 month forward ER Index V2	ICE Brent Crude Oil (CO)	ICE	NUUXXF+F+H+H+K+K+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQCP5CO9	Macquarie Single Commodity ICE Brent Crude Oil (CO) Pre Roll type A 5 month forward ER Index V2	ICE Brent Crude Oil (CO)	ICE	UUXXF+F+H+H+K+K+N+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP6CO9	Macquarie Single Commodity ICE Brent Crude Oil (CO) Pre Roll type A 6 month forward ER Index V2	ICE Brent Crude Oil (CO)	ICE	UXXF+F+H+H+K+K+N+N+U+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP0XB9	Macquarie Single Commodity Unleaded Gasoline Pre-roll Type A F0 V2	NYM Unleaded Gasoline (XB)	NYM	HKKNNUUXXF+F+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP1XB9	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) Pre Roll type A 1 month forward ER Index V2	NYM Unleaded Gasoline (XB)	NYM	HKKNNUUXXF+F+H+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP2XB9	Macquarie Single Commodity Unleaded Gasoline Pre-roll Type A F2 V2	NYM Unleaded Gasoline (XB)	NYM	KKNNUUXXF+F+H+H+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP3XB9	Macquarie Single Commodity Unleaded Gasoline Pre-roll Type A F3 V2	NYM Unleaded Gasoline (XB)	NYM	KNNUUXXF+F+H+H+K+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP4XB9	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) Pre Roll type A 4 month forward ER Index V2	NYM Unleaded Gasoline (XB)	NYM	NNUUUXXF+F+H+H+K+K+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP5XB9	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) Pre Roll type A 5 month forward ER Index V2	NYM Unleaded Gasoline (XB)	NYM	NUUXXF+F+H+H+K+K+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP7XB9	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) Pre Roll type A 6 month forward v2 ER Index V2	NYM Unleaded Gasoline (XB)	NYM	UUXXF+F+H+H+K+K+N+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP0HO9	Macquarie Single Commodity Heating Oil Pre-roll Type A F0 V2	NYM Heating Oil (HO)	NYM	HKKNNUUXXF+F+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP1HO9	Macquarie Single Commodity NYMEX Heating Oil (HO) Pre Roll type A 1 month forward ER Index V2	NYM Heating Oil (HO)	NYM	HKKNNUUXXF+F+H+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP2HO9	Macquarie Single Commodity Heating Oil Pre-roll Type A F2 V2	NYM Heating Oil (HO)	NYM	KKNNUUXXF+F+H+H+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP3HO9	Macquarie Single Commodity Heating Oil Pre-roll Type A F3 V2	NYM Heating Oil (HO)	NYM	KNNUUXXF+F+H+H+K+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER

MQCP4HO9	Macquarie Single Commodity NYMEX Heating Oil (HO) Pre Roll type A 4 month forward ER Index V2	NYM Heating Oil (HO)	NYM	NNUUXXF+F+H+H+K+K+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP5HO9	Macquarie Single Commodity NYMEX Heating Oil (HO) Pre Roll type A 5 month forward ER Index V2	NYM Heating Oil (HO)	NYM	NUUXXF+F+H+H+K+K+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP6HO9	Macquarie Single Commodity NYMEX Heating Oil (HO) Pre Roll type A 6 month forward ER Index V2	NYM Heating Oil (HO)	NYM	UUXXF+F+H+H+K+K+N+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP0NG9	Macquarie Single Commodity Natural Gas Pre-roll Type A F0 V2	NYM Natural Gas (NG)	NYM	HHKKNNUUXXF+F+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP1NG9	Macquarie Single Commodity NYMEX Natural Gas (NG) Pre Roll type A 1 month forward ER Index V2	NYM Natural Gas (NG)	NYM	HKKNNUUXXF+F+H+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP2NG9	Macquarie Single Commodity Natural Gas Pre-roll Type A F2 V2	NYM Natural Gas (NG)	NYM	KKNNUUXXF+F+H+H+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP3NG9	Macquarie Single Commodity Natural Gas Pre-roll Type A F3 V2	NYM Natural Gas (NG)	NYM	KNNUUXXF+F+H+H+K+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP4NG9	Macquarie Single Commodity NYMEX Natural Gas (NG) Pre Roll type A 4 month forward ER Index V2	NYM Natural Gas (NG)	NYM	NNUUXXF+F+H+H+K+K+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP5NG9	Macquarie Single Commodity NYMEX Natural Gas (NG) Pre Roll type A 5 month forward ER Index V2	NYM Natural Gas (NG)	NYM	NUUXXF+F+H+H+K+K+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP6NG9	Macquarie Single Commodity NYMEX Natural Gas (NG) Pre Roll type A 6 month forward ER Index V2	NYM Natural Gas (NG)	NYM	UUXXF+F+H+H+K+K+N+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP0GC9	Macquarie Single Commodity Gold Pre-roll Type A F0 V2	CMX Gold (GC)	CMX	GJJMMQQZZZG+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP1GC9	Macquarie Single Commodity COMEX Gold (GC) Pre Roll type A 1 month forward ER Index V2	CMX Gold (GC)	CMX	JJMMQQZZZG+G+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP2GC9	Macquarie Single Commodity Gold Pre-roll Type A F2 V2	CMX Gold (GC)	CMX	JMMQQZZZG+G+J+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER

MQCP3GC9	Macquarie Single Commodity Gold Pre-roll Type A F3 V2	CMX Gold (GC)	CMX	MMQQZZZG+G+J+J+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP4GC9	Macquarie Single Commodity COMEX Gold (GC) Pre Roll type A 4 month forward ER Index V2	CMX Gold (GC)	CMX	MQQZZZG+G+J+J+M+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP5GC9	Macquarie Single Commodity COMEX Gold (GC) Pre Roll type A 5 month forward ER Index V2	CMX Gold (GC)	CMX	QQZZZG+G+J+J+M+M+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP6GC9	Macquarie Single Commodity COMEX Gold (GC) Pre Roll type A 6 month forward ER Index V2	CMX Gold (GC)	CMX	QZZZG+G+J+J+M+M+Q+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP0SI9	Macquarie Single Commodity Silver Pre-roll Type A F0 V2	CMX Silver (SI)	CMX	HHKKNNUUZZZH+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP1SI9	Macquarie Single Commodity COMEX Silver (SI) Pre Roll type A 1 month forward ER Index V2	CMX Silver (SI)	CMX	HKKNNUUZZZH+H+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP2SI9	Macquarie Single Commodity Silver Pre-roll Type A F2 V2	CMX Silver (SI)	CMX	KKNNUUZZZH+H+H+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP3SI9	Macquarie Single Commodity Silver Pre-roll Type A F3 V2	CMX Silver (SI)	CMX	KNNUUZZZH+H+H+K+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP4SI9	Macquarie Single Commodity COMEX Silver (SI) Pre Roll type A 4 month forward ER Index V2	CMX Silver (SI)	CMX	NNUUZZZH+H+H+K+K+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP5SI9	Macquarie Single Commodity COMEX Silver (SI) Pre Roll type A 5 month forward ER Index V2	CMX Silver (SI)	CMX	NUUZZZH+H+H+K+K+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP6SI9	Macquarie Single Commodity COMEX Silver (SI) Pre Roll type A 6 month forward ER Index V2	CMX Silver (SI)	CMX	UUZZZH+H+H+K+K+N+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP0LX9	Macquarie Single Commodity Zinc Pre-roll Type A F0 V2	LME Zinc (LX)	LME	HHKKNNUUXXF+F+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP1LX9	Macquarie Single Commodity LME Zinc (LX) Pre Roll type A 1 month forward ER Index V2	LME Zinc (LX)	LME	HKKNNUUXXF+F+H+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQCP2LX9	Macquarie Single Commodity Zinc Pre-roll Type A F2 V2	LME Zinc (LX)	LME	KKNNUUXXF+F+H+H+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP3LX9	Macquarie Single Commodity Zinc Pre-roll Type A F3 V2	LME Zinc (LX)	LME	KNNUUXXF+F+H+H+K+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP4LX9	Macquarie Single Commodity LME Zinc (LX) Pre Roll type A 4 month forward ER Index V2	LME Zinc (LX)	LME	NNUUXXF+F+H+H+K+K+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP5LX9	Macquarie Single Commodity LME Zinc (LX) Pre Roll type A 5 month forward ER Index V2	LME Zinc (LX)	LME	NUUXXF+F+H+H+K+K+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP6LX9	Macquarie Single Commodity LME Zinc (LX) Pre Roll type A 6 month forward ER Index V2	LME Zinc (LX)	LME	UUXXF+F+H+H+K+K+N+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP0LN9	Macquarie Single Commodity Nickel Pre-roll Type A F0 V2	LME Nickel (LN)	LME	HHKKNNUUXXF+F+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP1LN9	Macquarie Single Commodity LME Nickel (LN) Pre Roll type A 1 month forward ER Index V2	LME Nickel (LN)	LME	HKKNNUUXXF+F+H+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP2LN9	Macquarie Single Commodity Nickel Pre-roll Type A F2 V2	LME Nickel (LN)	LME	KKNNUUXXF+F+H+H+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP3LN9	Macquarie Single Commodity Nickel Pre-roll Type A F3 V2	LME Nickel (LN)	LME	KNNUUXXF+F+H+H+K+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP4LN9	Macquarie Single Commodity LME Nickel (LN) Pre Roll type A 4 month forward ER Index V2	LME Nickel (LN)	LME	NNUUXXF+F+H+H+K+K+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP5LN9	Macquarie Single Commodity LME Nickel (LN) Pre Roll type A 5 month forward ER Index V2	LME Nickel (LN)	LME	NUUXXF+F+H+H+K+K+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP6LN9	Macquarie Single Commodity LME Nickel (LN) Pre Roll type A 6 month forward ER Index V2	LME Nickel (LN)	LME	UUXXF+F+H+H+K+K+N+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP0LA9	Macquarie Single Commodity Aluminium Pre-roll Type A F0 V2	LME Aluminium (LA)	LME	HHKKNNUUXXF+F+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER

MQCP1LA9	Macquarie Single Commodity LME Aluminium (LA) Pre Roll type A 1 month forward ER Index V2	LME Aluminium (LA)	LME	HKKNNUUXXF+F+H+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP2LA9	Macquarie Single Commodity Aluminium Pre-roll Type A F2 V2	LME Aluminium (LA)	LME	KKNNUUXXF+F+H+H+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP3LA9	Macquarie Single Commodity Aluminium Pre-roll Type A F3 V2	LME Aluminium (LA)	LME	KNNUUXXF+F+H+H+K+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP4LA9	Macquarie Single Commodity LME Aluminium (LA) Pre Roll type A 4 month forward ER Index V2	LME Aluminium (LA)	LME	NNUUXXF+F+H+H+K+K+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP5LA9	Macquarie Single Commodity LME Aluminium (LA) Pre Roll type A 5 month forward ER Index V2	LME Aluminium (LA)	LME	NUUXXF+F+H+H+K+K+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP6LA9	Macquarie Single Commodity LME Aluminium (LA) Pre Roll type A 6 month forward ER Index V2	LME Aluminium (LA)	LME	UUXXF+F+H+H+K+K+N+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP0HG9	Macquarie Single Commodity High Grade Copper Pre-roll Type A F0 V2	CMX High Grade Copper (HG)	CMX	HHKKNNUUZZZH+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP1HG9	Macquarie Single Commodity COMEX High Grade Copper (HG) Pre Roll type A 1 month forward ER Index V2	CMX High Grade Copper (HG)	CMX	HKKNNUUZZZH+H+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP2HG9	Macquarie Single Commodity High Grade Copper Pre-roll Type A F2 V2	CMX High Grade Copper (HG)	CMX	KKNNUUZZZH+H+H+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP3HG9	Macquarie Single Commodity High Grade Copper Pre-roll Type A F3 V2	CMX High Grade Copper (HG)	CMX	KNNUUZZZH+H+H+K+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP4HG9	Macquarie Single Commodity COMEX High Grade Copper (HG) Pre Roll type A 4 month forward ER Index V2	CMX High Grade Copper (HG)	CMX	NNUUZZZH+H+H+K+K+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP5HG9	Macquarie Single Commodity COMEX High Grade Copper (HG) Pre Roll type A 5 month forward ER Index V2	CMX High Grade Copper (HG)	CMX	NUUZZZH+H+H+K+K+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP6HG9	Macquarie Single Commodity COMEX High Grade Copper (HG) Pre Roll type A 6 month forward ER Index V2	CMX High Grade Copper (HG)	CMX	UUZZZH+H+H+K+K+N+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQCP0CX9	Macquarie Single Commodity Corn Pre-roll Type A F0 V2	CBT Corn (C)	CBT	HHKKNNUUZZZH+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP1CX9	Macquarie Single Commodity CBOT Corn (C) Pre Roll type A 1 month forward ER Index V2	CBT Corn (C)	CBT	HKKNNUUZZZH+H+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP2CX9	Macquarie Single Commodity Corn Pre-roll Type A F2 V2	CBT Corn (C)	CBT	KKNNUUZZZH+H+H+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP3CX9	Macquarie Single Commodity Corn Pre-roll Type A F3 V2	CBT Corn (C)	CBT	KNNUUZZZH+H+H+K+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP4CX9	Macquarie Single Commodity CBOT Corn (C) Pre Roll type A 4 month forward ER Index V2	CBT Corn (C)	CBT	NNUUZZZH+H+H+K+K+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP5CX9	Macquarie Single Commodity CBOT Corn (C) Pre Roll type A 5 month forward ER Index V2	CBT Corn (C)	CBT	NUUZZZH+H+H+K+K+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP6CX9	Macquarie Single Commodity CBOT Corn (C) Pre Roll type A 6 month forward ER Index V2	CBT Corn (C)	CBT	UUZZZH+H+H+K+K+N+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP0SX9	Macquarie Single Commodity Soybeans Pre-roll Type A F0 V2	CBT Soybeans (S)	CBT	HHKKNNXXXXF+F+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP1SX9	Macquarie Single Commodity CBOT Soybeans (S) Pre Roll type A 1 month forward ER Index V2	CBT Soybeans (S)	CBT	HKKNNXXXXF+F+H+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP2SX9	Macquarie Single Commodity Soybeans Pre-roll Type A F2 V2	CBT Soybeans (S)	CBT	KKNNXXXXF+F+H+H+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP3SX9	Macquarie Single Commodity Soybeans Pre-roll Type A F3 V2	CBT Soybeans (S)	CBT	KNNXXXXF+F+H+H+K+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP4SX9	Macquarie Single Commodity CBOT Soybeans (S) Pre Roll type A 4 month forward ER Index V2	CBT Soybeans (S)	CBT	NNXXXXF+F+H+H+K+K+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP5SX9	Macquarie Single Commodity CBOT Soybeans (S) Pre Roll type A 5 month forward ER Index V2	CBT Soybeans (S)	CBT	NXXXXXF+F+H+H+K+K+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQCP6SX9	Macquarie Single Commodity CBOT Soybeans (S) Pre Roll type A 6 month forward ER Index V2	CBT Soybeans (S)	CBT	XXXXF+F+H+H+K+K+N+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP0BO9	Macquarie Single Commodity Soybean Oil Pre-roll Type A F0 V2	CBT Soybean Oil (BO)	CBT	HKKNNZZZF+F+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP1BO9	Macquarie Single Commodity CBOT Soybean Oil (BO) Pre Roll type A 1 month forward ER Index V2	CBT Soybean Oil (BO)	CBT	HKKNNZZZF+F+H+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP2BO9	Macquarie Single Commodity Soybean Oil Pre-roll Type A F2 V2	CBT Soybean Oil (BO)	CBT	KKNNZZZF+F+H+H+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP3BO9	Macquarie Single Commodity Soybean Oil Pre-roll Type A F3 V2	CBT Soybean Oil (BO)	CBT	KNNZZZF+F+H+H+K+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP4BO9	Macquarie Single Commodity CBOT Soybean Oil (BO) Pre Roll type A 4 month forward ER Index V2	CBT Soybean Oil (BO)	CBT	NNZZZF+F+H+H+K+K+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP5BO9	Macquarie Single Commodity CBOT Soybean Oil (BO) Pre Roll type A 5 month forward ER Index V2	CBT Soybean Oil (BO)	CBT	NZZZF+F+H+H+K+K+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP6BO9	Macquarie Single Commodity CBOT Soybean Oil (BO) Pre Roll type A 6 month forward ER Index V2	CBT Soybean Oil (BO)	CBT	ZZZZF+F+H+H+K+K+N+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP0SM9	Macquarie Single Commodity Soybean Meal Pre-roll Type A F0 V2	CBT Soybean Meal (SM)	CBT	HKKNNZZZF+F+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP1SM9	Macquarie Single Commodity CBOT Soybean Meal (SM) Pre Roll type A 1 month forward ER Index V2	CBT Soybean Meal (SM)	CBT	HKKNNZZZF+F+H+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP2SM9	Macquarie Single Commodity Soybean Meal Pre-roll Type A F2 V2	CBT Soybean Meal (SM)	CBT	KKNNZZZF+F+H+H+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP3SM9	Macquarie Single Commodity Soybean Meal Pre-roll Type A F3 V2	CBT Soybean Meal (SM)	CBT	KNNZZZF+F+H+H+K+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP4SM9	Macquarie Single Commodity CBOT Soybean Meal (SM) Pre Roll type A 4 month forward ER Index V2	CBT Soybean Meal (SM)	CBT	NNZZZF+F+H+H+K+K+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQCP5SM9	Macquarie Single Commodity CBOT Soybean Meal (SM) Pre Roll type A 5 month forward ER Index V2	CBT Soybean Meal (SM)	CBT	NZZZF+F+H+H+K+K+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP6SM9	Macquarie Single Commodity CBOT Soybean Meal (SM) Pre Roll type A 6 month forward ER Index V2	CBT Soybean Meal (SM)	CBT	ZZZF+F+H+H+K+K+N+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP0WX9	Macquarie Single Commodity Wheat (Chicago) Pre-roll Type A F0 V2	CBT Wheat (Chicago) (W)	CBT	HHKKNNUUZZZH+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP1WX9	Macquarie Single Commodity CBOT Wheat (Chicago) (W) Pre Roll type A 1 month forward ER Index V2	CBT Wheat (Chicago) (W)	CBT	HKKNNUUZZZH+H+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP2WX9	Macquarie Single Commodity Wheat (Chicago) Pre-roll Type A F2 V2	CBT Wheat (Chicago) (W)	CBT	KKNNUUZZZH+H+H+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP3WX9	Macquarie Single Commodity Wheat (Chicago) Pre-roll Type A F3 V2	CBT Wheat (Chicago) (W)	CBT	KNNUUZZZH+H+H+K+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP4WX9	Macquarie Single Commodity CBOT Wheat (Chicago) (W) Pre Roll type A 4 month forward ER Index V2	CBT Wheat (Chicago) (W)	CBT	NNUUZZZH+H+H+K+K+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP5WX9	Macquarie Single Commodity CBOT Wheat (Chicago) (W) Pre Roll type A 5 month forward ER Index V2	CBT Wheat (Chicago) (W)	CBT	NUUZZZH+H+H+K+K+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP6WX9	Macquarie Single Commodity CBOT Wheat (Chicago) (W) Pre Roll type A 6 month forward ER Index V2	CBT Wheat (Chicago) (W)	CBT	UUZZZH+H+H+K+K+N+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP0KW9	Macquarie Single Commodity Wheat (Kansas) Pre-roll Type A F0 V2	CBT Wheat (Kansas) (KW)	CBT	HHKKNNUUZZZH+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP1KW9	Macquarie Single Commodity KCBOT Wheat (Kansas) (KW) Pre Roll type A 1 month forward ER Index V2	CBT Wheat (Kansas) (KW)	CBT	HKKNNUUZZZH+H+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP2KW9	Macquarie Single Commodity Wheat (Kansas) Pre-roll Type A F2 V2	CBT Wheat (Kansas) (KW)	CBT	KKNNUUZZZH+H+H+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP3KW9	Macquarie Single Commodity Wheat (Kansas) Pre-roll Type A F3 V2	CBT Wheat (Kansas) (KW)	CBT	KNNUUZZZH+H+H+K+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER

MQCP4KW9	Macquarie Single Commodity KCBOT Wheat (Kansas) (KW) Pre Roll type A 4 month forward ER Index V2	CBT Wheat (Kansas) (KW)	CBT	NNUUZZH+H+H+K+K+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP5KW9	Macquarie Single Commodity KCBOT Wheat (Kansas) (KW) Pre Roll type A 5 month forward ER Index V2	CBT Wheat (Kansas) (KW)	CBT	NUUZZH+H+H+K+K+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP6KW9	Macquarie Single Commodity KCBOT Wheat (Kansas) (KW) Pre Roll type A 6 month forward ER Index V2	CBT Wheat (Kansas) (KW)	CBT	UUZZH+H+H+K+K+N+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP0SB9	Macquarie Single Commodity Sugar Pre-roll Type A F0 V2	NYB Sugar (SB)	NYB	HHKKNNVVVH+H+H+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP1SB9	Macquarie Single Commodity NYBOT Sugar (SB) Pre Roll type A 1 month forward ER Index V2	NYB Sugar (SB)	NYB	HKKNNVVVH+H+H+H+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP2SB9	Macquarie Single Commodity Sugar Pre-roll Type A F2 V2	NYB Sugar (SB)	NYB	KKNNVVVH+H+H+H+H+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP3SB9	Macquarie Single Commodity Sugar Pre-roll Type A F3 V2	NYB Sugar (SB)	NYB	KNNVVVH+H+H+H+H+K+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP4SB9	Macquarie Single Commodity NYBOT Sugar (SB) Pre Roll type A 4 month forward ER Index V2	NYB Sugar (SB)	NYB	NNVVVH+H+H+H+H+K+K+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP5SB9	Macquarie Single Commodity NYBOT Sugar (SB) Pre Roll type A 5 month forward ER Index V2	NYB Sugar (SB)	NYB	NVVVH+H+H+H+H+K+K+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP6SB9	Macquarie Single Commodity NYBOT Sugar (SB) Pre Roll type A 6 month forward ER Index V2	NYB Sugar (SB)	NYB	VVVH+H+H+H+H+K+K+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP0KC9	Macquarie Single Commodity Coffee Pre-roll Type A F0 V2	NYB Coffee (KC)	NYB	HHKKNNUUZZH+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP1KC9	Macquarie Single Commodity NYBOT Coffee (KC) Pre Roll type A 1 month forward ER Index V2	NYB Coffee (KC)	NYB	HKKNNUUZZH+H+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP2KC9	Macquarie Single Commodity Coffee Pre-roll Type A F2 V2	NYB Coffee (KC)	NYB	KKNNUUZZH+H+H+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER

MQCP3KC9	Macquarie Single Commodity Coffee Pre-roll Type A F3 V2	NYB Coffee (KC)	NYB	KNNUUZZH+H+H+K+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP4KC9	Macquarie Single Commodity NYBOT Coffee (KC) Pre Roll type A 4 month forward ER Index V2	NYB Coffee (KC)	NYB	NNUUZZH+H+H+K+K+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP5KC9	Macquarie Single Commodity NYBOT Coffee (KC) Pre Roll type A 5 month forward ER Index V2	NYB Coffee (KC)	NYB	NUUZZH+H+H+K+K+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP6KC9	Macquarie Single Commodity NYBOT Coffee (KC) Pre Roll type A 6 month forward ER Index V2	NYB Coffee (KC)	NYB	UUZZH+H+H+K+K+N+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP0CC9	Macquarie Single Commodity Cocoa Pre-roll Type A F0 V2	NYB Cocoa (CC)	NYB	HHKKNNUUZZH+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP1CC9	Macquarie Single Commodity NYBOT Cocoa (CC) Pre Roll type A 1 month forward ER Index V2	NYB Cocoa (CC)	NYB	HKKNNUUZZH+H+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP2CC9	Macquarie Single Commodity Cocoa Pre-roll Type A F2 V2	NYB Cocoa (CC)	NYB	KKNNUUZZH+H+H+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP3CC9	Macquarie Single Commodity Cocoa Pre-roll Type A F3 V2	NYB Cocoa (CC)	NYB	KNNUUZZH+H+H+K+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP4CC9	Macquarie Single Commodity NYBOT Cocoa (CC) Pre Roll type A 4 month forward ER Index V2	NYB Cocoa (CC)	NYB	NNUUZZH+H+H+K+K+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP5CC9	Macquarie Single Commodity NYBOT Cocoa (CC) Pre Roll type A 5 month forward ER Index V2	NYB Cocoa (CC)	NYB	NUUZZH+H+H+K+K+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP6CC9	Macquarie Single Commodity NYBOT Cocoa (CC) Pre Roll type A 6 month forward ER Index V2	NYB Cocoa (CC)	NYB	UUZZH+H+H+K+K+N+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP0CT9	Macquarie Single Commodity Cotton Pre-roll Type A F0 V2	NYB Cotton (CT)	NYB	HHKKNNZZZZH+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP1CT9	Macquarie Single Commodity NYBOT Cotton (CT) Pre Roll type A 1 month forward ER Index V2	NYB Cotton (CT)	NYB	HKKNNZZZZH+H+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQCP2CT9	Macquarie Single Commodity Cotton Pre-roll Type A F2 V2	NYB Cotton (CT)	NYB	KKNNZZZZH+H+H+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP3CT9	Macquarie Single Commodity Cotton Pre-roll Type A F3 V2	NYB Cotton (CT)	NYB	KNNZZZZH+H+H+K+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP4CT9	Macquarie Single Commodity NYBOT Cotton (CT) Pre Roll type A 4 month forward ER Index V2	NYB Cotton (CT)	NYB	NNZZZZH+H+H+K+K+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP5CT9	Macquarie Single Commodity NYBOT Cotton (CT) Pre Roll type A 5 month forward ER Index V2	NYB Cotton (CT)	NYB	NZZZZH+H+H+K+K+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP6CT9	Macquarie Single Commodity NYBOT Cotton (CT) Pre Roll type A 6 month forward ER Index V2	NYB Cotton (CT)	NYB	ZZZZH+H+H+K+K+N+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP0LH9	Macquarie Single Commodity Lean Hogs Pre-roll Type A F0 V2	CME Lean Hogs (LH)	CME	GJJMMNQVVZZG+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP1LH9	Macquarie Single Commodity CME Lean Hogs (LH) Pre Roll type A 1 month forward ER Index V2	CME Lean Hogs (LH)	CME	JJMMMNQVVZZG+G+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP2LH9	Macquarie Single Commodity Lean Hogs Pre-roll Type A F2 V2	CME Lean Hogs (LH)	CME	JMMNQVVZZG+G+J+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP3LH9	Macquarie Single Commodity Lean Hogs Pre-roll Type A F3 V2	CME Lean Hogs (LH)	CME	MMNQVVZZG+G+J+J+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP4LH9	Macquarie Single Commodity CME Lean Hogs (LH) Pre Roll type A 4 month forward ER Index V2	CME Lean Hogs (LH)	CME	MNQVVZZG+G+J+J+M+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP5LH9	Macquarie Single Commodity CME Lean Hogs (LH) Pre Roll type A 5 month forward ER Index V2	CME Lean Hogs (LH)	CME	NQVVZZG+G+J+J+M+M+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP7LH9	Macquarie Single Commodity CME Lean Hogs (LH) Pre Roll type A 6 month forward v2 ER Index V2	CME Lean Hogs (LH)	CME	QVVZZG+G+J+J+M+M+N+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP0LC9	Macquarie Single Commodity Live Cattle Pre-roll Type A F0 V2	CME Live Cattle (LC)	CME	GJJMMQQVVZZG+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER

MQCP1LC9	Macquarie Single Commodity CME Live Cattle (LC) Pre Roll type A 1 month forward ER Index V2	CME Live Cattle (LC)	CME	JJMMQQVVZZG+G+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP2LC9	Macquarie Single Commodity Live Cattle Pre-roll Type A F2 V2	CME Live Cattle (LC)	CME	JMMQQVVZZG+G+J+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP3LC9	Macquarie Single Commodity Live Cattle Pre-roll Type A F3 V2	CME Live Cattle (LC)	CME	MMQQVVZZG+G+J+J+	-9	9	100	04-Jan-00	15-Jun-17	New York Mercantile Exchange	ER
MQCP4LC9	Macquarie Single Commodity CME Live Cattle (LC) Pre Roll type A 4 month forward ER Index V2	CME Live Cattle (LC)	CME	MQQVVZZG+G+J+J+M+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP5LC9	Macquarie Single Commodity CME Live Cattle (LC) Pre Roll type A 5 month forward ER Index V2	CME Live Cattle (LC)	CME	QQVVZZG+G+J+J+M+M+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP7LC9	Macquarie Single Commodity CME Live Cattle (LC) Pre Roll type A 6 month forward v2 ER Index V2	CME Live Cattle (LC)	CME	QVVZZG+G+J+J+M+M+Q+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP0FC9	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll type A ER Index V2	CME Feeder Cattle (FC)	CME	HHKKQQQVVVF+F+F+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP1FC9	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll type A 1 month forward ER Index V2	CME Feeder Cattle (FC)	CME	HKKQQQVVVF+F+F+H+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP2FC9	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll type A 2 month forward ER Index V2	CME Feeder Cattle (FC)	CME	KKQQQVVVF+F+F+H+H+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP3FC9	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll type A 3 month forward ER Index V2	CME Feeder Cattle (FC)	CME	KQQQVVVF+F+F+H+H+K+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP4FC9	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll type A 4 month forward ER Index V2	CME Feeder Cattle (FC)	CME	QQQVVVF+F+F+H+H+K+K+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP5FC9	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll type A 5 month forward ER Index V2	CME Feeder Cattle (FC)	CME	QQVVVF+F+F+H+H+K+K+Q+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER
MQCP6FC9	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll type A 6 month forward ER Index V2	CME Feeder Cattle (FC)	CME	QVVVF+F+F+H+H+K+K+Q+Q+	-9	9	100	04-Jan-00	03-Apr-19	New York Mercantile Exchange	ER

MQSDSBOO	Macquarie Minimum Drawdown CBT Soybean Oil (BO) Version O Beta ER (S)	CBT Soybean Oil (BO)	CBT	HHKKNNZZZF+F+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDSCNO	Macquarie Minimum Drawdown CBT Corn (C) Version O Beta ER (S)	CBT Corn (C)	CBT	HHKKNNUUZZZH+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDSCTO	Macquarie Minimum Drawdown NYB Cotton (CT) Version O Beta ER (S)	NYB Cotton (CT)	NYB	HHKKNNZZZZH+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDSKWO	Macquarie Minimum Drawdown CBT Wheat (Kansas) (KW) Version O Beta ER (S)	CBT Wheat (Kansas) (KW)	CBT	HHKKNNUUZZZH+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDLCO	Macquarie Minimum Drawdown CME Live Cattle (LC) Version O Beta ER (S)	CME Live Cattle (LC)	CME	GJJMMQQVVZZG+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDLHO	Macquarie Minimum Drawdown CME Lean Hogs (LH) Version O Beta ER (S)	CME Lean Hogs (LH)	CME	GJJMMMNQVVZZG+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDSNGO	Macquarie Minimum Drawdown NYM Natural Gas (NG) Version O Beta ER (S)	NYM Natural Gas (NG)	NYM	GKKKNNUUZZF+F+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDSSO	Macquarie Minimum Drawdown CBT Soybeans (S) Version O Beta ER (S)	CBT Soybeans (S)	CBT	HHKKNNXXXXF+F+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDSSMO	Macquarie Minimum Drawdown CBT Soybean Meal (SM) Version O Beta ER (S)	CBT Soybean Meal (SM)	CBT	HHKKNNZZZF+F+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDSWO	Macquarie Minimum Drawdown CBT Wheat (Chicago) (W) Version O Beta ER (S)	CBT Wheat (Chicago) (W)	CBT	HHKKNNUUZZZH+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDLALO	Macquarie Minimum Drawdown LME Aluminium (LA) Version O Beta ER (L)	LME Aluminium (LA)	LME	KNNUUXXF+F+H+H+K+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDLBOO	Macquarie Minimum Drawdown CBT Soybean Oil (BO) Version O Beta ER (L)	CBT Soybean Oil (BO)	CBT	KNNNNNZF+F+H+H+K+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDLCCO	Macquarie Minimum Drawdown NYBOT Cocoa (CC) Version O Beta ER (L)	NYBOT Cocoa (CC)	NYBOT	KNNUUZZZH+H+H+K+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER

MQSDLCLO	Macquarie Minimum Drawdown NYM WTI Crude Oil (CL) Version O Beta ER (L)	NYM WTI Crude Oil (CL)	NYM	KNNUUXXF+F+H+H+K+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDLCNO	Macquarie Minimum Drawdown CBT Corn (C) Version O Beta ER (L)	CBT Corn (C)	CBT	KNNNNNZZH+H+H+K+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDLCTO	Macquarie Minimum Drawdown NYB Cotton (CT) Version O Beta ER (L)	NYB Cotton (CT)	NYB	KNNZZZZZHZ+H+K+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDLHGO	Macquarie Minimum Drawdown CMX High Grade Copper (HG) Version O Beta ER (L)	CMX High Grade Copper (HG)	CMX	HKKNUUZZZH+H+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDLKCO	Macquarie Minimum Drawdown NYB Coffee (KC) Version O Beta ER (L)	NYB Coffee (KC)	NYB	KNNUUUUUH+H+H+K+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDLKWO	Macquarie Minimum Drawdown CBT Wheat (Kansas) (KW) Version O Beta ER (L)	CBT Wheat (Kansas) (KW)	CBT	NNNNNNZZK+N+N+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDLLCO	Macquarie Minimum Drawdown CME Live Cattle (LC) Version O Beta ER (L)	CME Live Cattle (LC)	CME	QVVZZG+G+J+J+M+M+Q+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDLLHO	Macquarie Minimum Drawdown CME Lean Hogs (LH) Version O Beta ER (L)	CME Lean Hogs (LH)	CME	QVVZZG+G+J+J+M+M+N+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDLLNO	Macquarie Minimum Drawdown LME Nickel (LN) Version O Beta ER (L)	LME Nickel (LN)	LME	KNNUUXXF+F+H+H+K+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDLLXO	Macquarie Minimum Drawdown LME Zinc (LX) Version O Beta ER (L)	LME Zinc (LX)	LME	KNNUUXXF+F+H+H+K+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDLLLO	Macquarie Minimum Drawdown LME Lead (LL) Version O Beta ER (L)	LME Lead (LL)	LME	KNNUUXXF+F+H+H+K+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDLNGO	Macquarie Minimum Drawdown NYM Natural Gas (NG) Version O Beta ER (L)	NYM Natural Gas (NG)	NYM	HNNNUUVXF+F+H+H+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDLSBO	Macquarie Minimum Drawdown NYB Sugar (SB) Version O Beta ER (L)	NYB Sugar (SB)	NYB	KNNVVVVVH+H+H+K+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER

MQSDLSO	Macquarie Minimum Drawdown CBT Soybeans (S) Version O Beta ER (L)	CBT Soybeans (S)	CBT	KNNNNNNF+F+F+H+H+K+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDLSMO	Macquarie Minimum Drawdown CBT Soybean Meal (SM) Version O Beta ER (L)	CBT Soybean Meal (SM)	CBT	KNNNNNZF+F+H+H+K+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSDLWO	Macquarie Minimum Drawdown CBT Wheat (Chicago) (W) Version O Beta ER (L)	CBT Wheat (Chicago) (W)	CBT	NNNNNNZZK+N+N+	-5	9	100	03-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCSBOO	Macquarie F6vF0 Seasonally Adjusted CBOT Soybean Oil (BO) Beta ER (S) Type O	CBOT Soybean Oil (BO)	CBOT	HHKKZZZZZF+F+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCSCCO	Macquarie F6vF0 Seasonally Adjusted NYBOT Cocoa (CC) Beta ER (S) Type O	NYBOT Cocoa (CC)	NYBOT	HHKKNNUUZZZH+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCSCLO	Macquarie F6vF0 Seasonally Adjusted NYMEX WTI Crude Oil (CL) Beta ER (S) Type O	NYMEX WTI Crude Oil (CL)	NYMEX	HHKKNNUUXXF+F+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCSCTO	Macquarie F6vF0 Seasonally Adjusted NYBOT Cotton (CT) Beta ER (S) Type O	NYBOT Cotton (CT)	NYBOT	HHKKZZZZZZZH+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCSCXO	Macquarie F6vF0 Seasonally Adjusted CBOT Corn (C) Beta ER (S) Type O	CBOT Corn (C)	CBOT	HHKKNNZZZZZH+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQCSHGO	Macquarie F6vF0 Seasonally Adjusted COMEX High Grade Copper (HG) Beta ER (S) Type O	COMEX High Grade Copper (HG)	COMEX	HHKKNNUUZZZH+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQCSKCO	Macquarie F6vF0 Seasonally Adjusted NYBOT Coffee (KC) Beta ER (S) Type O	NYBOT Coffee (KC)	NYBOT	HHKKNNUUZZZH+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQCSKWO	Macquarie F6vF0 Seasonally Adjusted KCBOT Wheat (Kansas) (KW) Beta ER (S) Type O	KCBOT Wheat (Kansas) (KW)	KCBOT	HHKKNUUUZZZH+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQCSLAO	Macquarie F6vF0 Seasonally Adjusted LME Aluminium (LA) Beta ER (S) Type O	LME Aluminium (LA)	LME	HHKKNNUUXXF+F+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQCSLCO	Macquarie F6vF0 Seasonally Adjusted CME Live Cattle (LC) Beta ER (S) Type O	CME Live Cattle (LC)	CME	GMMMMQQVVZZG+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER

MQSCSLHO	Macquarie F6vF0 Seasonally Adjusted CME Lean Hogs (LH) Beta ER (S) Type O	CME Lean Hogs (LH)	CME	GJJMMVVVZZG+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCSLNO	Macquarie F6vF0 Seasonally Adjusted LME Nickel (LN) Beta ER (S) Type O	LME Nickel (LN)	LME	HHKKNNUUXXF+F+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCSLXO	Macquarie F6vF0 Seasonally Adjusted LME Zinc (LX) Beta ER (S) Type O	LME Zinc (LX)	LME	HHKKNNUUXXF+F+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCSLLO	Macquarie F6vF0 Seasonally Adjusted LME Lead (LL) Beta ER (S) Type O	LME Lead (LL)	LME	HHKKNNUUXXF+F+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCSNGO	Macquarie F6vF0 Seasonally Adjusted NYMEX Natural Gas (NG) Beta ER (S) Type O	NYMEX Natural Gas (NG)	NYMEX	KKKKNNXXXXK+K+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCSSBO	Macquarie F6vF0 Seasonally Adjusted NYBOT Sugar (SB) Beta ER (S) Type O	NYBOT Sugar (SB)	NYBOT	HHKKNNVVVH+H+H+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQCSSSMO	Macquarie F6vF0 Seasonally Adjusted CBOT Soybean Meal (SM) Beta ER (S) Type O	CBOT Soybean Meal (SM)	CBOT	HHKKZZZZZF+F+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQCSSXO	Macquarie F6vF0 Seasonally Adjusted CBOT Soybeans (S) Beta ER (S) Type O	CBOT Soybeans (S)	CBOT	HHKKXXXXXXXXF+F+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQCSWXO	Macquarie F6vF0 Seasonally Adjusted CBOT Wheat (Chicago) (W) Beta ER (S) Type O	CBOT Wheat (Chicago) (W)	CBOT	HHKKNUUZZZH+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCLBOO	Macquarie F6vF0 Seasonally Adjusted CBOT Soybean Oil (BO) Beta ER (L) Type O	CBOT Soybean Oil (BO)	CBOT	NNNNF+F+H+H+K+K+N+N+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCLCCO	Macquarie F6vF0 Seasonally Adjusted NYBOT Cocoa (CC) Beta ER (L) Type O	NYBOT Cocoa (CC)	NYBOT	UUZZZH+H+H+K+K+N+N+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCLCLO	Macquarie F6vF0 Seasonally Adjusted NYMEX WTI Crude Oil (CL) Beta ER (L) Type O	NYMEX WTI Crude Oil (CL)	NYMEX	UUXXF+F+H+H+K+K+N+N+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCLCTO	Macquarie F6vF0 Seasonally Adjusted NYBOT Cotton (CT) Beta ER (L) Type O	NYBOT Cotton (CT)	NYBOT	NNNNH+H+H+H+K+K+N+N+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER

MQSCLCXO	Macquarie F6vF0 Seasonally Adjusted CBOT Corn (C) Beta ER (L) Type O	CBOT Corn (C)	CBOT	UUUUUUH+H+K+K+N+N+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCLHGO	Macquarie F6vF0 Seasonally Adjusted COMEX High Grade Copper (HG) Beta ER (L) Type O	COMEX High Grade Copper (HG)	COMEX	UUZZZH+H+H+K+K+N+N+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCLKCO	Macquarie F6vF0 Seasonally Adjusted NYBOT Coffee (KC) Beta ER (L) Type O	NYBOT Coffee (KC)	NYBOT	UUZZZH+H+H+K+K+N+N+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCLKWO	Macquarie F6vF0 Seasonally Adjusted KCBOT Wheat (Kansas) (KW) Beta ER (L) Type O	KCBOT Wheat (Kansas) (KW)	KCBOT	NNNNNH+H+H+K+K+N+N+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCLLAO	Macquarie F6vF0 Seasonally Adjusted LME Aluminium (LA) Beta ER (L) Type O	LME Aluminium (LA)	LME	UUXXF+F+H+H+K+K+N+N+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCLLCO	Macquarie F6vF0 Seasonally Adjusted CME Live Cattle (LC) Beta ER (L) Type O	CME Live Cattle (LC)	CME	VVVZZG+G+J+J+J+J+J+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCLLHO	Macquarie F6vF0 Seasonally Adjusted CME Lean Hogs (LH) Beta ER (L) Type O	CME Lean Hogs (LH)	CME	QQQQQG+G+J+J+M+M+N+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCLLNO	Macquarie F6vF0 Seasonally Adjusted LME Nickel (LN) Beta ER (L) Type O	LME Nickel (LN)	LME	UUXXF+F+H+H+K+K+N+N+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCLLXO	Macquarie F6vF0 Seasonally Adjusted LME Zinc (LX) Beta ER (L) Type O	LME Zinc (LX)	LME	UUXXF+F+H+H+K+K+N+N+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCLLLO	Macquarie F6vF0 Seasonally Adjusted LME Lead (LL) Beta ER (L) Type O	LME Lead (LL)	LME	UUXXF+F+H+H+K+K+N+N+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCLNGO	Macquarie F6vF0 Seasonally Adjusted NYMEX Natural Gas (NG) Beta ER (L) Type O	NYMEX Natural Gas (NG)	NYMEX	UUUUUUH+H+H+H+N+N+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCLSBO	Macquarie F6vF0 Seasonally Adjusted NYBOT Sugar (SB) Beta ER (L) Type O	NYBOT Sugar (SB)	NYBOT	VVWH+H+H+H+H+K+K+N+N+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCLSMO	Macquarie F6vF0 Seasonally Adjusted CBOT Soybean Meal (SM) Beta ER (L) Type O	CBOT Soybean Meal (SM)	CBOT	NNNNF+F+H+H+K+K+N+N+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER

MQSCLSXO	Macquarie F6vF0 Seasonally Adjusted CBOT Soybeans (S) Beta ER (L) Type O	CBOT Soybeans (S)	CBOT	NNNNF+F+H+H+K+K+N+N+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCLWXO	Macquarie F6vF0 Seasonally Adjusted CBOT Wheat (Chicago) (W) Beta ER (L) Type O	CBOT Wheat (Chicago) (W)	CBOT	NNNNNH+H+H+K+K+N+N+	-5	9	100	04-Jan-00	30-Jun-23	New York Mercantile Exchange	ER
MQSCLBOP	Macquarie F6vF0 Seasonally Adjusted CBOT Soybean Oil (BO) Beta ER (L) Type P	CBOT Soybean Oil (BO)	CBOT	NNNNF+F+H+H+K+K+N+N+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSCLCTP	Macquarie F6vF0 Seasonally Adjusted NYBOT Cotton (CT) Beta ER (L) Type P	NYBOT Cotton (CT)	NYBOT	NNNNH+H+H+H+K+K+N+N+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSCLCXP	Macquarie F6vF0 Seasonally Adjusted CBOT Corn (C) Beta ER (L) Type P	CBOT Corn (C)	CBOT	UUUUUUH+H+K+K+N+N+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSCLHOP	Macquarie F6vF0 Seasonally Adjusted NYMEX Heating Oil (HO) Beta ER (L) Type P	NYMEX Heating Oil (HO)	NYMEX	UUUUUUH+H+H+H+N+N+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSCLKWP	Macquarie F6vF0 Seasonally Adjusted KCBOT Wheat (Kansas) (KW) Beta ER (L) Type P	KCBOT Wheat (Kansas) (KW)	KCBOT	NNNNNH+H+H+K+K+N+N+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSCLLCP	Macquarie F6vF0 Seasonally Adjusted CME Live Cattle (LC) Beta ER (L) Type P	CME Live Cattle (LC)	CME	VVVZZG+G+J+J+J+J+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSCLLHP	Macquarie F6vF0 Seasonally Adjusted CME Lean Hogs (LH) Beta ER (L) Type P	CME Lean Hogs (LH)	CME	QQQQQG+G+J+J+M+M+N+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSCLNGP	Macquarie F6vF0 Seasonally Adjusted NYMEX Natural Gas (NG) Beta ER (L) Type P	NYMEX Natural Gas (NG)	NYMEX	UUUUUUH+H+H+H+N+N+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSCLQSP	Macquarie F6vF0 Seasonally Adjusted ICE Gas Oil (QS) Beta ER (L) Type P	ICE Gas Oil (QS)	ICE	UUUUUUH+H+H+H+N+N+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSCLSMP	Macquarie F6vF0 Seasonally Adjusted CBOT Soybean Meal (SM) Beta ER (L) Type P	CBOT Soybean Meal (SM)	CBOT	NNNNF+F+H+H+K+K+N+N+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSCLSXP	Macquarie F6vF0 Seasonally Adjusted CBOT Soybeans (S) Beta ER (L) Type P	CBOT Soybeans (S)	CBOT	NNNNF+F+H+H+K+K+N+N+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSCLWXP	Macquarie F6vF0 Seasonally Adjusted CBOT Wheat (Chicago) (W) Beta ER (L) Type P	CBOT Wheat (Chicago) (W)	CBOT	NNNNNH+H+H+K+K+N+N+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER

MQSCLXBP	Macquarie F6vF0 Seasonally Adjusted NYMEX Unleaded Gasoline (XB) Beta ER (L) Type P	NYMEX Unleaded Gasoline (XB)	NYMEX	UUUUUUH+H+H+H+N+N+	5	5	100	31-Dec-03	01-Aug-23	New York Mercantile Exchange	ER
MQSCSBOP	Macquarie F6vF0 Seasonally Adjusted CBOT Soybean Oil (BO) Beta ER (S) Type P	CBOT Soybean Oil (BO)	CBOT	HHKKZZZZZF+F+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSCSCTP	Macquarie F6vF0 Seasonally Adjusted NYBOT Cotton (CT) Beta ER (S) Type P	NYBOT Cotton (CT)	NYBOT	HHKKZZZZZZH+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSCSCXP	Macquarie F6vF0 Seasonally Adjusted CBOT Corn (C) Beta ER (S) Type P	CBOT Corn (C)	CBOT	HHKKNNZZZZH+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSCSHOP	Macquarie F6vF0 Seasonally Adjusted NYMEX Heating Oil (HO) Beta ER (S) Type P	NYMEX Heating Oil (HO)	NYMEX	KKKKNNXXXXK+K+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQCSKWP	Macquarie F6vF0 Seasonally Adjusted KCBOT Wheat (Kansas) (KW) Beta ER (S) Type P	KCBOT Wheat (Kansas) (KW)	KCBOT	HHKKNUUZZZH+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQCSLCP	Macquarie F6vF0 Seasonally Adjusted CME Live Cattle (LC) Beta ER (S) Type P	CME Live Cattle (LC)	CME	GMMMMQQVVZZG+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQCSLHP	Macquarie F6vF0 Seasonally Adjusted CME Lean Hogs (LH) Beta ER (S) Type P	CME Lean Hogs (LH)	CME	GJJMMVVVZZG+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQCSNGP	Macquarie F6vF0 Seasonally Adjusted NYMEX Natural Gas (NG) Beta ER (S) Type P	NYMEX Natural Gas (NG)	NYMEX	KKKKNNXXXXK+K+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQCSQSP	Macquarie F6vF0 Seasonally Adjusted ICE Gas Oil (QS) Beta ER (S) Type P	ICE Gas Oil (QS)	ICE	KKKKNNXXXXK+K+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQCSSMP	Macquarie F6vF0 Seasonally Adjusted CBOT Soybean Meal (SM) Beta ER (S) Type P	CBOT Soybean Meal (SM)	CBOT	HHKKZZZZZF+F+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQCSSXP	Macquarie F6vF0 Seasonally Adjusted CBOT Soybeans (S) Beta ER (S) Type P	CBOT Soybeans (S)	CBOT	HHKKXXXXXXXXF+F+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQCSWXP	Macquarie F6vF0 Seasonally Adjusted CBOT Wheat (Chicago) (W) Beta ER (S) Type P	CBOT Wheat (Chicago) (W)	CBOT	HHKKNUUZZZH+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQCSXBP	Macquarie F6vF0 Seasonally Adjusted NYMEX Unleaded Gasoline (XB) Beta ER (S) Type P	NYMEX Unleaded Gasoline (XB)	NYMEX	KKKKNNXXXXK+K+	5	5	100	31-Dec-03	01-Aug-23	New York Mercantile Exchange	ER
MQSDLBOP	Macquarie Minimum Drawdown Soybean Oil Version P Beta ER (L)	CBOT Soybean Oil (BO)	CBT	KNNNNNZF+F+H+H+K+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER

MQSDLCCP	Macquarie Minimum Drawdown NYBOT Cocoa (CC) Beta ER (L) Type B	NYBOT Cocoa (CC)	NYBOT	KNNUUZZH+H+H+K+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDLCNP	Macquarie Minimum Drawdown Corn Version P Beta ER (L)	CBOT Corn (C)	CBT	KNNNNNZZH+H+H+K+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDLCTP	Macquarie Minimum Drawdown Cotton Version P Beta ER (L)	NYBOT Cotton (CT)	NYB	KNNZZZZZH+H+K+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDLHGP	Macquarie Minimum Drawdown High Grade Copper Version P Beta ER (L)	COMEX High Grade Copper (HG)	CMX	HKKNNUUZZZH+H+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDLHOP	Macquarie Minimum Drawdown Heating Oil Version P Beta ER (L)	NYMEX Heating Oil (HO)	NYM	HNNNUUVXF+F+H+H+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDLKCP	Macquarie Minimum Drawdown Coffee Version P Beta ER (L)	NYBOT Coffee (KC)	NYB	KNNUUUUUH+H+H+K+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDLKWP	Macquarie Minimum Drawdown Wheat (Kansas) Version P Beta ER (L)	KCBOT Wheat (Kansas) (KW)	CBT	NNNNNNZZK+N+N+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDLLCP	Macquarie Minimum Drawdown Live Cattle Version P Beta ER (L)	CME Live Cattle (LC)	CME	QVVZZG+G+J+J+M+M+Q+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDLLHP	Macquarie Minimum Drawdown Lean Hogs Version P Beta ER (L)	CME Lean Hogs (LH)	CME	QVVZZG+G+J+J+M+M+N+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDLNGP	Macquarie Minimum Drawdown Natural Gas Version P Beta ER (L)	NYMEX Natural Gas (NG)	NYM	HNNNUUVXF+F+H+H+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDLQSP	Macquarie Minimum Drawdown Gas Oil Version P Beta ER (L)	ICE Gas Oil (QS)	ICE	HNNNUUVXF+F+H+H+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDLSBP	Macquarie Minimum Drawdown Sugar Version P Beta ER (L)	NYBOT Sugar (SB)	NYB	KNNVVVVVH+H+H+K+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDLSP	Macquarie Minimum Drawdown Soybeans Version P Beta ER (L)	CBOT Soybeans (S)	CBT	KNNNNNF+F+F+H+H+K+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDLSMP	Macquarie Minimum Drawdown Soybean Meal Version P Beta ER (L)	CBOT Soybean Meal (SM)	CBT	KNNNNNZF+F+H+H+K+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDLWP	Macquarie Minimum Drawdown Wheat (Chicago) Version P Beta ER (L)	CBOT Wheat (Chicago) (W)	CBT	NNNNNNZZK+N+N+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER

MQSDLXBP	Macquarie Minimum Drawdown Unleaded Gasoline Version P Beta ER (L)	NYMEX Unleaded Gasoline (XB)	NYM	HNNNUUVXF+F+H+H+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDSBOP	Macquarie Minimum Drawdown Soybean Oil Version P Beta ER (S)	CBOT Soybean Oil (BO)	CBT	HHKKNNZZZF+F+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDSCCP	Macquarie Minimum Drawdown NYBOT Cocoa (CC) Beta ER (S) Type B	NYBOT Cocoa (CC)	NYBOT	HHKKNNUUZZZH+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDSCNP	Macquarie Minimum Drawdown Corn Version P Beta ER (S)	CBOT Corn (C)	CBT	HHKKNNUUZZZH+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDSCTP	Macquarie Minimum Drawdown Cotton Version P Beta ER (S)	NYBOT Cotton (CT)	NYB	HHKKNNZZZZH+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDSHGP	Macquarie Minimum Drawdown High Grade Copper Version P Beta ER (S)	COMEX High Grade Copper (HG)	CMX	HHKKNNUUZZZH+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDSHOP	Macquarie Minimum Drawdown Heating Oil Version P Beta ER (S)	NYMEX Heating Oil (HO)	NYM	GKKKNNUUZZF+F+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDSKCP	Macquarie Minimum Drawdown Coffee Version P Beta ER (S)	NYBOT Coffee (KC)	NYB	HHKKNNUUZZZH+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDSKWP	Macquarie Minimum Drawdown Wheat (Kansas) Version P Beta ER (S)	KCBOT Wheat (Kansas) (KW)	CBT	HHKKNNUUZZZH+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDSLCP	Macquarie Minimum Drawdown Live Cattle Version P Beta ER (S)	CME Live Cattle (LC)	CME	GJJMMQQVZZG+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQDSLHP	Macquarie Minimum Drawdown Lean Hogs Version P Beta ER (S)	CME Lean Hogs (LH)	CME	GJJMMNQVVZZG+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDSNGP	Macquarie Minimum Drawdown Natural Gas Version P Beta ER (S)	NYMEX Natural Gas (NG)	NYM	GKKKNNUUZZF+F+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDSQSP	Macquarie Minimum Drawdown Gas Oil Version P Beta ER (S)	ICE Gas Oil (QS)	ICE	GKKKNNUUZZF+F+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDSSBP	Macquarie Minimum Drawdown Sugar Version P Beta ER (S)	NYBOT Sugar (SB)	NYB	HHKKNNVVVH+H+H+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDSSPP	Macquarie Minimum Drawdown Soybeans Version P Beta ER (S)	CBOT Soybeans (S)	CBT	HHKKNNXXXXF+F+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER

MQSDSSMP	Macquarie Minimum Drawdown Soybean Meal Version P Beta ER (S)	CBOT Soybean Meal (SM)	CBT	HHKKNNZZZF+F+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDSWP	Macquarie Minimum Drawdown Wheat (Chicago) Version P Beta ER (S)	CBOT Wheat (Chicago) (W)	CBT	HHKKNNUUZZH+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER
MQSDSXBP	Macquarie Minimum Drawdown Unleaded Gasoline Version P Beta ER (S)	NYMEX Unleaded Gasoline (XB)	NYM	GKKKNNUUZZF+F+	5	5	100	31-Jan-00	01-Aug-23	New York Mercantile Exchange	ER

ANNEX B – MODIFIED STATIC CONTRACT ROLL SCHEDULE

Annex B may be supplemented from time to time by the addition of new Index Specifications in respect of additional Indices where historical futures contracts prices are not available for hypothetical historical back-tested Index Levels.

Amend- ment	Bloomberg Ticker	Index Name	Modified Static Contract Roll Schedule	Modified Static Roll Schedule Start Date	Modified Static Roll Schedule End Date
1	MQSDXB5E	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) type A 5 month forward ER Index	NUUXXXF+H+H+K+K+K+	08/04/2003	09/01/2004
2	MQSDXB7E	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) type A 6 month forward v2 ER Index	UUXXXXH+H+H+K+K+K+	07/03/2003	09/01/2004
3	MQSDP4XB	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) Pre Roll type A 4 month forward ER Index	KNUUXXF+F+H+H+K+K+	21/10/2003	20/01/2004
4	MQSDP5XB	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) Pre Roll type A 5 month forward ER Index	KUUXXXF+H+H+K+K+K+	19/03/2003	20/01/2004
5	MQSDP6XB	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) Pre Roll type A 6 month forward ER Index	KUUXXXF+H+H+K+K+K+	19/03/2003	20/01/2004
6	MQSDP7XB	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) Pre Roll type A 6 month forward v2 ER Index	KUXXXXH+H+H+K+K+K+	18/02/2003	20/01/2004
7	MQSDP6FC	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll type A 6 month forward ER Index	QVVF+F+F+H+H+K+K+K+Q+	19/08/2004	16/11/2004
8	MQSDP6QS	Macquarie Single Commodity ICE Gas Oil (QS) Pre Roll type A 6 month forward ER Index	UUXXF+F+F+H+K+K+N+N+	17/04/2014	21/07/2014
9	MQSCCLER	Macquarie Single Commodity Crude Oil (WTI) type B ER Index	GHJKMQQUVXZF+	27/04/2020	27/06/2020
10	MQSDCLER	Macquarie Single Commodity Crude Oil (WTI) type A ER Index	HHKKNUUXXF+F+	27/04/2020	27/06/2020
11	MQSDQ4XB	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) Pre Roll type B 4 month forward ER Index	KNUUXXF+F+H+H+K+K+	21/10/2003	20/01/2004

12	MQSDQ5XB	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) Pre Roll type B 5 month forward ER Index	KUUXXXF+H+H+K+K+K+	19/03/2003	20/01/2004
13	MQSDQ7XB	Macquarie Single Commodity NYMEX Unleaded Gasoline (XB) Pre Roll type B 6 month forward v2 ER Index	KUXXXXH+H+H+K+K+K+	18/02/2003	20/01/2004
14	MQSDQ6FC	Macquarie Single Commodity CME Feeder Cattle (FC) Pre Roll type B 6 month forward ER Index	QVVF+F+F+H+H+K+K+K+Q+	19/08/2004	16/11/2004
15	MQSCSCLA	Macquarie F6vF0 Seasonally Adjusted NYMEX WTI Crude Oil (CL) Beta ER (S) Type A	HHKKNUUUXXF+F+	27/04/2020	27/06/2020
16	MQSCSCLAS	Macquarie F6vF0 Seasonally Adjusted NYMEX WTI Crude Oil (CL) Beta SR (S) Type A	HHKKNUUUXXF+F+	27/04/2020	27/06/2020
17	MQSDCLSR	Macquarie Single Commodity Crude Oil (WTI) type A SR Index	HHKKNUUUXXF+F+	27/04/2020	27/06/2020
18	MQSCSCLO	Macquarie F6vF0 Seasonally Adjusted NYMEX WTI Crude Oil (CL) Beta ER (S) Type O	HHKKNUUUXXF+F+	27/04/2020	27/06/2020

For the purpose of Amendment 9 for MQSCCLER, applicable between 27 Apr 2020 and 27 May 2020, the Crude Oil (WTI) Contract Rolling Out is modified in the following way:

- Previous to, and including, 28 April 2020 MQSCCLER is set to Crude Oil (WTI) June 2020, in line with Amendment 9; and
- After 28 April 2020 and until the end of the May 2020 Roll Period, the Contract Rolling Out is set to Crude Oil (WTI) July 2020.

For the avoidance of doubt, on 28 April 2020, the Contract Rolling Out used in the Index calculation is the June 2020 Crude Oil (WTI) contract.

Following the end of the May 2020 Roll Period, the Modified Static Contract Roll Schedule is as set out in the table.