



# Derivatives Clearing System Open Interface

**DatabasesV1.5.0**

3 March 2025

## Document Change Summary

| Date  | Version | Section                           | Change Description   |
|-------|---------|-----------------------------------|--|
| May18 | 1.4.8   | 2.2, 3.70                         | New table: SODExtract  |
| Dec25 | 1.5.0   | 2.2, 3.26, 3.29, 3.73. 7.86. 7.89 | New tables: DPWrok, SODRepCH, TEPWork<br>Changed Tables (new columns): DerivProd<br>(ListingFrequency), TradedEntityPrices (Delta, Vega) |

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# Derivatives Clearing System Open Interface

## Databases

3 March 2025

### Introduction

The Member Clearing Module (MCM) is the client side ASX supplied clearing module that is designed to work with the Derivatives Clearing System (DCS) Open Interface (OI).

This document is intended to provide the reader with an understanding of the design of the MCM databases and the information stored within them. It is assumed that the reader has a broad understanding of database design and is familiar with the Microsoft SQL Server database used by MCM.

For general information about MCM, refer to the *MCM User Guide*.

### 1. MCM Databases

MCM contains three main databases that are used for the storage of data each day. There are also two additional databases; however these are either small in size or not accessible to participants.

#### 1.1. Main MCM Databases

MCM contains the following main databases:

- PA\_MCMC

This is the principal MCM database that contains data relating to the current and previous business days. By design, the size of this database is minimised and consequently provides the ability to conduct rapid searches.

- PA\_MCME

This database is re-established each day during the MCM start-of-day (SOD) processing. Essentially, this database is a copy of PA\_MCMC from the end of the previous business day. It is **not** updated by MCM after its establishment.

At the completion of ASX Clear (ASXCL) Pty Limited (Derivatives) end-of-day processing, ASXCL transfers data (termed DCS Data Extract Data) into PA\_MCME. At this stage, PA\_MCME should largely reflect the position of PA\_MCMC at the end of the previous business day. Note that results such as exercise/assignment processing are only reflected in PA\_MCME.

- PA\_MCMO

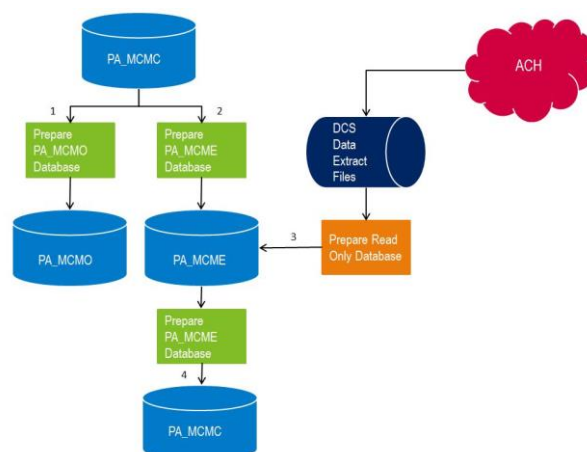
This database is a copy of PA\_MCMC at the end of the previous business day and before MCM SOD processing. It can therefore be used to identify any unexpected differences between the results of processing performed by MCM and ASXCL. This can be identified by a comparison of the PA\_MCME and the PA\_MCMO databases.



#### Note:

This document refers to PA\_MCMC, however, the design of PA\_MCME and PA\_MCMO are similar to that of PA\_MCMC. As a result, the information regarding PA\_MCMC is also applicable to both PA\_MCME and PA\_MCMO.

The diagram below displays the daily process in numerical order of establishing the MCM databases.



## 1.2. Additional Databases

The following additional databases contain data; however they are of less significance to participants. Databases include:

- PA\_MCMS

This database contains data relating to MCM system functions and user access. It is small in size and is unlikely to be of significant interest.

- PA\_MCMCMM

This database is used by the ASXCL messaging software. Participants are not permitted to access the information stored in this database.

## 2. Table Classification

There are numerous tables within the PA\_MCMC database. These tables have been classified according to their functionality.

### 2.1. PA\_MCMC Table Classification Key

The tables within PA\_MCMC contain the following classifications.

| Classification Key | Meaning                    |
|--------------------|----------------------------|
| R                  | Restricted to MCM use only |
| A                  | Account                    |
| P                  | Parameter                  |
| G                  | General                    |

|     |            |
|-----|------------|
| Pos | Position   |
| C   | Collateral |
| M   | Margin     |
| F   | Financial  |

## 2.2. PA\_MCMC Tables

The following tables exist in PA\_MCMC with the following classifications.

| Classification       |   |   |   |   |     |   |   |   |
|----------------------|---|---|---|---|-----|---|---|---|
| Table Name           | R | G | M | A | Pos | F | P | C |
| Acc                  |   |   |   | • |     |   |   |   |
| AccApprove           |   |   |   | • |     |   |   |   |
| AcceptableCollateral |   |   |   |   |     |   |   | • |
| Alloc                |   |   |   |   | •   |   |   |   |
| Audit                |   | • |   |   |     |   |   |   |
| BCast                |   | • |   |   |     |   |   |   |
| BCastViewed          |   | • |   |   |     |   |   |   |
| CalEvent             |   | • |   |   |     |   |   |   |
| CapitalAdj           |   |   |   |   |     |   | • |   |
| CASFee               |   |   |   |   |     | • |   |   |
| CashOut              |   |   |   |   |     | • |   |   |
| CodeType             | • |   |   |   |     |   |   |   |
| CodeVal              | • |   |   |   |     |   |   |   |
| CollAct              |   |   |   |   |     |   |   | • |
| CollHeld             |   |   |   |   |     |   |   | • |
| CollPrice            |   |   |   |   |     |   |   | • |
| CollReconstruct      |   |   |   |   |     |   |   | • |
| CollSpecificCover    |   |   |   |   |     |   |   | • |
| CollTypeUtil         |   |   |   |   |     |   |   | • |
| CollUtil             |   |   |   |   |     |   |   | • |
| Cur                  |   |   |   |   |     | • |   |   |
| CurrAcc              |   |   |   |   |     | • |   |   |
| DelPos               |   |   |   |   | •   |   |   |   |
| DepHolding           |   |   |   |   | •   |   |   |   |
| DepHoldingActivity   |   |   |   |   | •   |   |   |   |
| DerivProd            |   |   |   |   |     |   | • |   |





|                  |   |   |   |   |   |
|------------------|---|---|---|---|---|
| Dividend         |   |   |   |   | . |
| DividendPayable  |   |   |   |   | . |
| DPSWork          |   |   |   |   | . |
| EqtClear         |   |   |   |   | . |
| ExchFee          |   |   |   |   | . |
| ExchRate         |   |   |   |   | . |
| ExerAudit        | . |   |   |   |   |
| ExerSched        |   |   |   |   | . |
| ExerSumm         |   |   |   | . |   |
| FeeRate          |   |   |   |   | . |
| FinStat          |   |   |   |   | . |
| Grp              |   |   | . |   |   |
| GrpAcc           |   |   | . |   |   |
| GSTRate          |   |   |   |   | . |
| IdentitySeq      | . |   |   |   |   |
| IntBal           |   |   |   |   | . |
| IntraDayRefPrice |   |   |   |   | . |
| IntRate          |   |   |   |   | . |
| Ledger           |   |   |   |   | . |
| Literal          | . |   |   |   |   |
| MargIntRate      |   | . |   |   |   |
| MargSpecials     |   | . |   |   |   |
| MarketMakers     |   |   |   |   | . |
| Mbr              |   |   |   |   | . |
| MbrComm          |   |   |   |   | . |
| MbrExch          |   |   |   |   | . |
| MicroHelp        | . |   |   |   |   |
| MsgType          | . |   |   |   |   |
| MTDCommSumm      |   |   |   |   | . |
| MTDPost          |   |   |   |   | . |
| OpenInt          |   |   | . |   |   |
| OpenPos          |   |   | . |   |   |
| OpenPosAct       |   |   | . |   |   |
| OpenPosElec      |   |   | . |   |   |
| OPPreEOD         |   |   | . |   |   |



|                                |   |   |
|--------------------------------|---|---|
| PostingCode                    |   | . |
| PriceAvgBatch                  |   | . |
| Prod                           |   | . |
| ProdBasket                     |   | . |
| ProdGrp                        | . |   |
| Recon                          | . |   |
| ReconExpDiff                   | . |   |
| ReconLog                       | . |   |
| RegisteredHolderAuthorisations |   | . |
| SODExtract                     |   | . |
| SODRep                         |   | . |
| SODRepCH                       |   | . |
| SoftVer                        | . |   |
| SPANMargAcc                    | . |   |
| SPANMargComboComm              | . |   |
| SPANMargComboCommScenario      | . |   |
| SPANMargRepGrp                 | . |   |
| SPANMargSegType                | . |   |
| StatusCheck                    | . |   |
| SuppSys                        | . |   |
| Sys                            | . |   |
| SysArchive                     | . |   |
| Task                           | . |   |
| TenderDetails                  |   | . |
| TEPWork                        |   | . |
| Trade                          |   | . |
| TradedEntity                   |   | . |
| TradedEntityPrices             |   | . |
| TradingActivity                |   | . |
| TradingActivityReq             |   | . |
| Transfer                       |   | . |
| TransferBatch                  |   | . |
| TransferSupport                |   | . |
| UndoMatchOutReq                |   | . |
| VMDerivProdAcc                 |   | . |

|                        |   |   |
|------------------------|---|---|
| YestAlloc              | • |   |
| YestCollAct            |   | • |
| YestDepHoldingActivity | • |   |
| YestProd               |   | • |
| YestTrade              | • |   |
| YestTradingActivityReq | • |   |

### 3. Table Definitions

The PA\_MCMC database contains tables that include indexes and columns. This section lists all of the PA\_MCMC tables and the accompanying indexes and columns.



In this section, the following icon is used to highlight the name of the table.

The tables have been listed in alphabetical order. The table indexes and table columns are listed below the name of the table.

#### 3.1. Acc



The Acc table contains details of all the participant's accounts.

| Index Name  | Property |                     | Number of Fields |
|-------------|----------|---------------------|------------------|
| Acc         | Unique:  | True                | 1                |
|             | Fields:  | Acc, Ascending      |                  |
| CoverGrpKey | Unique:  | False               | 1                |
|             | Fields:  | CoverGrp, Ascending |                  |
| PrimaryKey  | Unique:  | True                | 1                |
|             | Fields:  | AccID, Ascending    |                  |

| Column Name | Description  | Type          | Size |
|-------------|--|---------------|------|
| AccID       | Uniquely identifies each account.                            | Number (Long) | 4    |
| Acc         | A unique code that is commonly used to identify the account. | Text          | 10   |
| SegType     | Code that identifies the segregation type of the account.    | Text          | 1    |
| AccType     | Code that identifies the type of account.                    | Text          | 1    |

|               |  |               |     |
|---------------|--|---------------|-----|
| AccStat       | Active or Inactive or Suspended.   | Text          | 1   |
| AccName       | Name of the account.   | Text          | 250 |
| AutoExer      | Y or N indicates whether or not exercise notices can be automatically generated for the account.   | Text          | 1   |
| ExerSched     | The name of the Automatic Exercise Schedule that is used by the Automatic Exercise process for this account.   | Text          | 20  |
| AutoMatchOut  | Y or N indicates whether positions are automatically matched out for the account.  | Text          | 1   |
| CoverGrp      | The name of the Cover Group for the account.   | Text          | 20  |
| AssocMbrId    | Uniquely identifies the Clearing Participant for a RIOT/Consolidated account.  | Number (Long) | 4   |
| SpecificCover | Y if scrip collateral lodged is to be treated as specific cover or else N.   | Text          | 1   |
| MbrInfo       | Free-format information relating to the account  | Text          | 50  |
| Address1      | Account address – Line 1.  | Text          | 50  |
| Address2      | Account address – Line 2.  | Text          | 50  |
| Address3      | Account address – Line 3.  | Text          | 50  |
| Address4      | Account address – Line 4.  | Text          | 50  |
| EqtClearId    | Uniquely identifies the Equity Clearer for the account. Zero value indicates that the equity clearer for the account is the equity clearer used by the Clearing Participant. | Number(Long)  | 4   |
| DefRT         | Y if the account is the default RT account or else N.  | Text          | 1   |
| DateCreated   | The date the account was created.  | Date/Time     | 8   |
| PaperlessColl | Y indicates that the account has given authority for collateral to be lodged without other paperwork being required; otherwise N.  | Text          | 1   |

### 3.2. AccApprove



The AccApprove table contains the details of all account name changes made that day.

| Index Name | Property   | Number of Fields |
|------------|--|------------------|
| PrimaryKey | Unique: True<br>Fields: AccId, Ascending<br>RecId, Ascending | 2                |

| Column Name | Description   | Type          | Size |
|-------------|---|---------------|------|
| AccId       | Uniquely identifies each account.   | Number (Long) | 8    |
| RecId       | Uniquely identifies an account name approval request.   | Number (Long) | 8    |
| AccName     | Proposed name of the account.   | Text          | 250  |
| Status      | The status of the account name approval request. This includes:<br>N – Rejected<br>P – Pending<br>Y – Approved. | Text          | 1    |
| FromAccName | Original name of the account.   | Text          | 250  |
| Reason      | The reason justifying the account name change request.  | Text          | 250  |

### 3.3. AcceptableCollateral



The AcceptableCollateral table contains the details of all non-cash collateral accepted by ASXCL to cover margins. Initially this table will only contain equities

| Index Name | Property   | Number of Fields |
|------------|--|------------------|
| PrimaryKey | Unique: True<br>Fields: CollCode, Ascending<br>CollType, Ascending | 2                |

| Column Name | Description  | Type | Size |
|-------------|--|------|------|
| CollCode    | Code identifying the collateral. (ASX Code for Equities) e.g. NCM. | Text | 10   |

|                   |   |          |     |
|-------------------|---|----------|-----|
| CollType          | The type of collateral e.g. Shares  | Text     | 20  |
| CollDesc          | Description of the collateral e.g. Newcrest Mining Ltd.   | Text     | 100 |
| Haircut           | The percentage haircut that is applied to the price of the collateral when calculating the collateral value e.g. 30.00. | Currency | 8   |
| SpecificCoverOnly | Is the stock acceptable for specific cover only (not general cover)? Y/N  | String   | 1   |

### 3.4. Alloc



The Alloc table contains the details of all account allocations and give-ups for the current business day.

| Index Name | Property |                                      | Number of Fields |
|------------|----------|--------------------------------------|------------------|
| AccIDKey   | Unique:  | False                                | 1                |
|            | Fields:  | AccID, Ascending                     |                  |
| MbrForKey  | Unique:  | False                                | 1                |
|            | Fields:  | MbrFor, Ascending                    |                  |
| PrimaryKey | Unique:  | True                                 | 2                |
|            | Fields:  | TrID, Ascending, AllocSeq, Ascending |                  |

| Column Name | Description  | Type          | Size |
|-------------|--|---------------|------|
| TrID        | Uniquely identifies a trade.   | Number (Long) | 4    |
| AllocSeq    | Uniquely identifies each allocation associated with a trade.   | Number (Long) | 4    |
| Qty         | Quantity allocated or given-up.  | Number (Long) | 4    |
| AccID       | Uniquely identifies an account.  | Number (Long) | 4    |
| OpenClose   | Reserved for future use.   | Text          | 1    |
| MbrFor      | For a give-up this contains the Participant ID to whom the quantity has been given-up, or else it is zero. | Number (Long) | 4    |
| AllocStat   | Code that identifies the status of a give-up.  | Text          | 1    |

|              |   |          |     |
|--------------|---|----------|-----|
| Comm         | The total commission amount that is expected to be received for the particular give-up.                                   | Currency | 8   |
| CommBasisVal | The commission rate per lot; percentage of deal value or total amount expected to be received for the particular give-up. | Currency | 8   |
| CommBasis    | Code that identifies the commission basis.  | Text     | 1   |
| BPO          | Reserved for future use.  | Text     | 1   |
| AllocRef     | Reference information entered by user.  | Text     | 50  |
| ChargeGST    | Indicates whether GST is charged on this allocation.  | Text     | 1   |
| RejReason    | The reason the take-up clearing participant rejected the trade give-up.   | Text     | 255 |

### 3.5. Audit



The Audit table contains details of each auditable transaction performed within the system.

| Index Name  | Property |  | Number of Fields |
|-------------|----------|--|------------------|
| DCSAUDIT_PK | Unique:  | True   | 2                |
|             | Fields:  | BusDate, Ascending<br>RecID, Ascending                           |                  |
| Primary Key | Unique:  | True   | 3                |
|             | Fields:  | Application, Ascending<br>BusDate, Ascending<br>RecID, Ascending |                  |

| Column Name | Description  | Type          | Size |
|-------------|--|---------------|------|
| Application | Code that identifies the application.                        | Text          | 20   |
| BusDate     | The business date that an auditable event relates to.        | Date/Time     | 8    |
| RecID       | Unique number assigned to each recorded event.               | Number (Long) | 4    |
| AuditGrp    | Reserved for future use.                                     | Text          | 10   |
| CurDate     | The CPU date and time at which the auditable event occurred. | Date/Time     | 8    |

|              |   |      |     |
|--------------|---|------|-----|
| UserId       | The ID of the user who initiated the auditable event. | Text | 50  |
| Headline     | A note of the type of the auditable event.            | Text | 50  |
| AuditAct     | Code that identifies the type of event.               | Text | 1   |
| DataType     | Code that identifies the type of data.                | Text | 1   |
| BriefDetails | Brief details of the auditable event.                 | Text | 100 |
| Details1     | Fuller details of the auditable event, if applicable. | Text | 255 |
| Details2     | Continuation of Details 1, if applicable.             | Text | 255 |
| Details3     | Continuation of Details 2, if applicable.             | Text | 255 |
| Details4     | Continuation of Details 3, if applicable.             | Text | 255 |

### 3.6. BCast



The BCast table contains details of each broadcast message received from ASXCL.

| Index Name | Property |                    | Number of Fields |
|------------|----------|--------------------|------------------|
| PrimaryKey | Unique:  | True               | 1                |
|            | Fields:  | BCastID, Ascending |                  |

| Column Name | Description  | Type          | Size |
|-------------|--|---------------|------|
| BCastID     | Uniquely identifies each broadcast.                    | Number (Long) | 4    |
| BCastDate   | The date and time at which the broadcast was received. | Date/Time     | 8    |
| BCastType   | Code that identifies the type of broadcast message.    | Text          | 2    |
| BCastTitle  | The title of the broadcast message.                    | Text          | 80   |
| BCastText   | The text associated with the message.                  | Text          | 255  |
| AttachName  | The name of a file attached to the broadcast.          | Text          | 255  |
| AttachType  | Reserved for future use.                               | Text          | 50   |



### 3.7. BCastViewed



The BCastViewed table identifies which users at a Participants site have viewed a message broadcast by ASXCL.

| Index Name  | Property  |                    | Number of Fields |
|-------------|---|--------------------|------------------|
| PrimaryKey  | Unique:   | True               | 1                |
|             | Fields:   | BCastID, Ascending |                  |
| Column Name | Description   | Type               | Size             |
| BCastID     | Unique identifier for each broadcast message.                               | Number (Long)      | 4                |
| UserID      | Unique identifier for each user.  | Text               | 50               |
| Viewed      | N – User notified of receipt;<br>Y - Message has been viewed; or else Null. | Text               | 1                |

### 3.8. CalEvent



The CalEvent table shows details of ASXCL non-working days (excluding weekends).

| Index Name  | Property                                     |                      | Number of Fields |
|-------------|--|----------------------|------------------|
| PrimaryKey  | Unique:                                      | True                 | 1                |
|             | Fields:                                      | EventDate, Ascending |                  |
| Column Name | Description                                  | Type                 | Size             |
| EventDate   | The date of a non-business day.              | Date/Time            | 8                |
| EventDesc   | A brief description of the non-business day. | Text                 | 50               |

### 3.9. CapitalAdj



The CapitalAdj table contains details of adjustments to be made to equity related contracts as a consequence of a share reconstruction.

| Index Name | Property  | Number of Fields |
|------------|---|------------------|
| PrimaryKey | Unique: True                                      | 2                |
|            | Fields: BusDate, Ascending<br>OldEntId, Ascending |                  |

| Column Name  | Description  | Type          | Size |
|--------------|--|---------------|------|
| BusDate      | The business date the capital adjustment will be effected.   | Date/Time     | 8    |
| OldEntID     | The unique code used to identify an existing traded entity.  | Number (Long) | 4    |
| NewEntID     | The unique code used to identify the new traded entity.  | Number (Long) | 4    |
| ToApply      | Code that identifies when the capital adjustment is to be performed.   | Text          | 1    |
| AdjustFactor | A number that indicates how many contracts need to be multiplied.<br>Typically it has a value of one. However, in the case of two for one bonus issue, it would have a value of three. | Number(Long)  | 4    |

### 3.10. CASFee



DEPRECATED.

| Index Name | Property  | Number of Fields |
|------------|---|------------------|
| PrimaryKey | Unique: True  | 5                |
|            | Fields: FeeDate, Ascending<br>Cur, Ascending<br>CASMbrId, Ascending<br>FeeCategory, Ascending<br>FeeType, Ascending |                  |

| Column Name | Description  | Type          | Size |
|-------------|--|---------------|------|
| FeeDate     | The date to which the fee relates.   | Date/Time     | 8    |
| Cur         | Indicates the currency of the fee.   | Text          | 255  |
| CASMBrid    | Code that uniquely identifies each CAS participant.  | Number (Long) | 4    |
| FeeCategory | Code that uniquely identifies the fee category used for calculating fees for the derivative product. | Text          | 255  |
| FeeType     | Code that uniquely identifies the type of fee.   | Text          | 255  |
| Qty         | Number of contracts/lots used to calculate fees.   | Number (Long) | 4    |
| FeeVal      | Total fee value.   | Currency      | 8    |
| GSTVal      | The value of GST charged.  | Currency      | 8    |

### 3.11. CashOut



The CashOut table contains details of Members cash withdrawal requests for the current business day.

| Index Name | Property | Number of Fields  |
|------------|----------|---|
| PrimaryKey | Unique:  | True  |
|            | Fields:  | Ledger, Ascending<br>SegType, Ascending<br>Cur, Ascending |

| Column Name  | Description  | Type     | Size |
|--------------|--|----------|------|
| Curr         | Indicates the currency of the cash withdrawal request.       | Text     | 3    |
| SegType      | Code that indicates the segregation type of the participant. | Text     | 1    |
| RequestedAmt | The requested cash withdrawal.                               | Currency | 8    |
| Ledger       | Code used to identify a ledger.                              | Text     | 12   |

### 3.12. CodeType



The CodeType table contains details of codes used.

| Index Name | Property                    | Number of Fields |
|------------|-----------------------------|------------------|
| PrimaryKey | Unique: True                | 1                |
|            | Fields: CodeType, Ascending |                  |

| Column Name  | Description  | Type | Size |
|--------------|--|------|------|
| CodeType     | Code used for referencing the particular code description. | Text | 20   |
| CodeTypeDesc | Code description.  | Text | 30   |
| ParentType   | Pointer to a parent code type.                             | Text | 20   |

### 3.13. CodeVal



The CodeVal table contains details of codes used.

| Index Name | Property  | Number of Fields |
|------------|---|------------------|
| PrimaryKey | Unique: True                                      | 2                |
|            | Fields: CodeType, Ascending<br>CodeVal, Ascending |                  |

| Column Name | Description  | Type         | Size |
|-------------|--|--------------|------|
| CodeType    | Code used for referencing a particular code entry.                           | Text         | 20   |
| CodeVal     | The value of the code entry.   | Text         | 20   |
| CodeDesc    | Description associated with a code entry.                                    | Text         | 50   |
| CodeSeq     | Sequence number assigned to different code values within the same code type. | Number(Long) | 4    |
| ParentCode  | Where applicable, the value associated with a parent code.                   | Text         | 20   |

### 3.14. CollAct



The CollAct table contains details of all collateral activity (withdrawal, lodgement, expiry, etc.) for the current business day.

| Index Name | Property      | Number of Fields |
|------------|---------------|------------------|
| PrimaryKey | Primary: True | 6                |

|              |             |  |   |
|--------------|-------------|--|---|
|              | Unique:     | True   |   |
|              | IgnoreNulls | False  |   |
|              | Fields:     | SegType, Ascending<br>GroupLevel, Ascending<br>AcclD, Ascending<br>CoverGrp, Ascending<br>LodgeID, Ascending<br>ActID, Ascending |   |
| CollActIndex | Primary:    | False  | 6 |
|              | Unique:     | True   |   |
|              | IgnoreNulls | False  |   |
|              | Fields:     | SegType<br>GroupLevel<br>AcclD<br>CoverGrp<br>LodgeID<br>ActID.  |   |

| Column Name | Description  | Type          | Size |
|-------------|--|---------------|------|
| SegType     | Code that identifies the segregation type of the account.  | Text          | 1    |
| GroupLevel  | If Y the collateral relates to a Cover Group else N.   | Text          | 1    |
| AcclD       | Uniquely identifies an account. Where GroupLevel = Y then AcclD = 0.   | Number (Long) | 4    |
| CoverGrp    | If GroupLevel = Y the name of the Cover Group else *#N/A#*   | Text          | 20   |
| LodgeID     | Uniquely identifies the lodged collateral.<br>AllowZeroLength = TRUE<br>Required = FALSE   | Text          | 12   |
| ActID       | Uniquely identifies an activity associated with the lodged collateral.   | Number (Long) | 4    |
| CollActType | Code that describes the type of activity performed. Possible values include:<br>ADD<br>RE-ISSUE<br>TRANSFER_OUT<br>TRANSFER_IN<br>WITHDRAWN<br>DELETE BONUS. | Text          | 20   |

|            |  |           |     |
|------------|--|-----------|-----|
| CollType   | Code that identifies the type of collateral lodged.                                | Text      | 2   |
| IssuerCode | The code used to identify the issuer.  | Text      | 6   |
| LodgeDate  | Date that the collateral was lodged.   | Date/Time | 8   |
| CollDetail | Any further details used to describe the lodged collateral.                        | Text      | 50  |
| UnitCode   | Currency in which the collateral is denominated.                                   | Text      | 6   |
| Units      | Face value (or number of shares if specific cover).                                | Currency  | 8   |
| ExpiryDate | Where applicable, the date the lodged collateral ceases to have value.             | Date/Time | 8   |
| Holder     | For share lodgements, the name of the registered holder.                           | Text      | 180 |
| HIN        | The holder identification number of the registered holder.                         | Text      | 10  |
| Specific   | 'Y' indicates the collateral lodgement is to be treated as specific cover, else N. | Text      | 1   |
| Cur        | Code used to identify a currency.  | Text      | 3   |

### 3.15. CollHeld



The CollHeld table contains details of all collateral lodged with ASXCL as at close of business on the previous day.

No Primary Key.

| Index and Key Name | Property    | Number of Fields   |
|--------------------|-------------|--|
| CollHeldIndex      | Unique:     | True   |
|                    | Primary:    | False  |
|                    | IgnoreNulls | False  |
|                    | Fields:     | SegType<br>GroupLevel<br>AccID<br>CoverGrp,<br>CollType,<br>LodgeID<br>IssuerCode. |

| Column Name | Description | Type | Size |
|-------------|-------------|------|------|
|-------------|-------------|------|------|

|            |   |               |     |
|------------|---|---------------|-----|
| SegType    | Code that identifies the segregation type of the account.   | Text          | 1   |
| GroupLevel | Y the collateral is lodged for a particular Cover Group or N the collateral is lodged for a particular account. | Text          | 1   |
| AccID      | Uniquely identifies an account.   | Number (Long) | 4   |
| CoverGrp   | If GroupLevel = Y the name of the Cover Group else *#N/A#*.   | Text          | 20  |
| CollType   | Code that identifies the type of collateral lodged.   | Text          | 2   |
| LodgeID    | Uniquely identifies the collateral lodgement.<br>AllowZeroLength = TRUE<br>Required = FALSE                     | Text          | 12  |
| IssuerCode | The code used to identify the issuer.   | Text          | 6   |
| LodgeDate  | Date that the collateral was lodged.  | Date/Time     | 8   |
| CollDetail | Any further details used to describe the lodged collateral.   | Text          | 60  |
| UnitCode   | Currency in which the collateral is denominated or 'Shares' if stock lodgement.                                 | Text          | 6   |
| Units      | Face value (or number of shares if specific cover).   | Currency      | 8   |
| CollValue  | Value assigned to the collateral after any haircut has been applied.  | Currency      | 8   |
| CollUtil   | Value of the collateral that has been utilised.   | Currency      | 8   |
| ExpiryDate | If applicable, the date the lodged collateral ceases to have value.   | Date/Time     | 8   |
| Holder     | For share lodgements, the name of the registered holder.  | Text          | 180 |
| HIN        | The holder identification number of the registered holder.  | Text          | 10  |
| Specific   | 'Y' indicates the collateral lodgement is to be treated as specific cover, or else 'N'.                         | Text          | 1   |
| Cur        | Code used to identify a currency.   | Text          | 3   |

### 3.16. CollPrice



The CollPrice table contains details of collateral prices used by ASXCL to value shares accepted as collateral.

| Index Name | Property | Number of Fields   |
|------------|----------|--------------------|
| PrimaryKey | Unique:  | True               |
|            | Fields:  | ASXCode, Ascending |

| Column Name         | Description  | Type            | Size |
|---------------------|--|-----------------|------|
| ASXCode             | The unique code assigned by ASX that identifies particular shares.                 | Text            | 6    |
| SecurityDescription | The description of the security.   | Text            | 20   |
| Price               | The current price of the collateral. Note: this price may be subject to a haircut. | Number (Double) | 8    |

### 3.17. CollReconstruct



The CollReconstruct table contains details relating to capital adjustments affecting shares lodged as collateral with ASXCL.

| Index Name | Property | Number of Fields     |
|------------|----------|----------------------|
| PrimaryKey | Unique:  | True                 |
|            | Fields:  | OldIssuer, Ascending |

| Column Name | Description   | Type          | Size |
|-------------|---|---------------|------|
| OldIssuer   | Issuer code of shares to convert.   | Text          | 6    |
| NewIssuer   | New issuer code.  | Text          | 6    |
| OldQty      | The number of shares that will be converted.  | Number (Long) | 4    |
| NewQty      | The number of shares resulting after the capital adjustment. Note, OldQty and NewQty are set to represent the correct ratio, which must then be applied to all relevant shares. | Number (Long) | 4    |
| RoundInt    | Fractions should be Round Up, Down or to the nearest whole number.  | Text          | 1    |



### 3.18. CollSpecificCover



The CollSpecificCover table contains the details of collateral held as specific cover.

| Index Name | Property | Number of Fields                          |
|------------|----------|---|
| PrimaryKey | Unique:  | True                                      |
|            | Fields:  | AccID, Ascending<br>IssuerCode, Ascending |

| Column Name      | Description  | Type          | Size |
|------------------|--|---------------|------|
| AccID            | Uniquely identifies each account.  | Number (long) | 8    |
| IssuerCode       | The code used to identify the issuer.  | Text          | 6    |
| AvailQty         | The number of shares that are available for specific cover.                  | Number (long) | 8    |
| UsedQty          | The number of shares that have been used as specific cover.                  | Number (long) | 8    |
| ContractsCovered | The number of contracts that have been covered by specific cover collateral. | Number (long) | 8    |

### 3.19. CollTypeUtil



The CollTypeUtil table contains details of collateral utilisation for each account and cover group by collateral type.

| Index Name | Property | Number of Fields  |
|------------|----------|---|
| PrimaryKey | Unique:  | True  |
|            | Fields:  | SegType, Ascending<br>CoverGrp, Ascending<br>AccID, Ascending<br>CollType, Ascending<br>Cur, Ascending. |

| Column Name | Description                              | Type          | Size |
|-------------|--|---------------|------|
| SegType     | 'S'egregated or 'U'nsegregated.          | Text          | 1    |
| CoverGrp    | Cover Group if collateral is grouped.    | Text          | 20   |
| AccID       | Uniquely identifies each account.        | Number (Long) | 8    |
| CollType    | Indicates the type of collateral lodged. | Text          | 2    |

|            |  |          |   |
|------------|--|----------|---|
| Cur        | Code used to identify a currency.  | Text     | 3 |
| Utilised   | The value of the utilised collateral after any haircut has been applied.   | Currency | 8 |
| UnUtilised | The value of the unutilised collateral after any haircut has been applied. | Currency | 8 |

### 3.20. CollUtil



The CollUtil table contains the details of collateral utilisation for each account and cover group by ledger.

| Index Name | Property   | Number of Fields |
|------------|--|------------------|
| PrimaryKey | Unique: True   | 5                |
|            | Fields: SegType, Ascending<br>CoverGrp, Ascending<br>AccId, Ascending<br>Ledger, Ascending<br>Cur, Ascending |                  |

| Column Name | Description  | Type          | Size |
|-------------|--|---------------|------|
| SegType     | 'S'egregated or 'U'nsegregated.  | Text          | 1    |
| CoverGrp    | Cover Group if collateral is grouped.  | Text          | 20   |
| AccId       | Uniquely identifies each account.  | Number (Long) | 8    |
| Ledger      | Code used to identify a ledger.  | Text          | 2    |
| Cur         | Code used to identify a currency.  | Text          | 3    |
| ReqVal      | The margin value required.   | Currency      | 8    |
| AllocVal    | The value of the collateral after any haircut has been applied that has been utilised to cover the margin. | Currency      | 8    |

### 3.21. Cur



The Cur table shows details of those currencies that are handled or processed by ASXCL.

| Index Name | Property               | Number of Fields |
|------------|------------------------|------------------|
| PrimaryKey | Unique: True           | 1                |
|            | Fields: Cur, Ascending |                  |

| Column Name | Description  | Type             | Size |
|-------------|--|------------------|------|
| Cur         | Code used to identify a currency.                              | Text             | 3    |
| CurDesc     | Description of the currency.                                   | Text             | 30   |
| IntDays     | The number of days in the year used for interest calculations. | Number (Integer) | 2    |
| CurSeq      | Internal use only.   | Number (Integer) | 2    |

### 3.22. CurrAcc



The CurrAcc table shows details of ledger postings and ledger balances for the previous business day.

| Index Name | Property               | Number of Fields  |
|------------|------------------------|---|
| PrimaryKey | Unique:<br><br>Fields: | True<br><br>BusDate, Ascending<br>Ledger, Ascending<br>Cur, Ascending<br>SegType, Ascending<br>RecId, Ascending |

| Column Name | Description   | Type          | Size |
|-------------|---|---------------|------|
| BusDate     | The business date of the posting.                                   | Date/Time     | 8    |
| Cur         | The code of the currency in which the posting was made.             | Text          | 3    |
| SegType     | Code that identifies the segregation type of the posting.           | Text          | 1    |
| RecId       | Uniquely identifies each current account posting for a participant. | Number (Long) | 4    |
| PostType    | Code that identifies the source of the posting.                     | Text          | 1    |
| PostingCode | The posting code assigned to the posting.                           | Text          | 6    |
| ValDate     | The date on which interest is first accrued.                        | Date/Time     | 8    |
| Val         | The value of the posting.   | Currency      | 8    |
| PostText    | Supplementary comments relating to the posting.                     | Text          | 50   |

|        |                                 |      |    |
|--------|---------------------------------|------|----|
| Ledger | Code used to identify a ledger. | Text | 12 |
|--------|---------------------------------|------|----|

### 3.23. DelPos



The DelPos table contains details of contracts under delivery showing the number of business days before delivery is due to be completed.

| Index Name | Property   | Number of Fields |
|------------|--|------------------|
| PrimaryKey | Unique: True   | 5                |
|            | Fields: DelDays, Ascending<br>AccID, Ascending<br>EntID, Ascending<br>BuySell, Ascending<br>RecID, Ascending |                  |

| Column Name | Description  | Type             | Size |
|-------------|--|------------------|------|
| DelDays     | The remaining days before a delivery is completed.   | Number (Integer) | 2    |
| AccId       | Uniquely identifies an account.  | Number (Long)    | 4    |
| EntId       | Uniquely identifies a traded entity.   | Number (Long)    | 4    |
| BuySell     | Buy or Sell.   | Text             | 1    |
| RecId       | Unique number used to identify this record.  | Number (Long)    | 4    |
| OtherMbr    | Where applicable, the participant mnemonic relating to the other party involved with the delivery. | Text             | 4    |
| Qty         | Quantity to be delivered.  | Number (Long)    | 4    |
| Amt         | The amount to be paid or received.   | Currency         | 8    |

### 3.24. DepHolding



The DepHolding table contains the details of commodity deposits lodged with ASXCL.

| Index Name | Property   | Number of Fields |
|------------|--|------------------|
| PrimaryKey | Unique: True                                     | 2                |
|            | Fields: AccId, Ascending<br>DepositId, Ascending |                  |

| Column Name  | Description   | Type          | Size |
|--------------|---|---------------|------|
| AccID        | Uniquely identifies an account.                                 | Number (long) | 4    |
| DepositId    | Uniquely identifies a deposit.                                  | Text          | 20   |
| Status       | The status of the deposit.                                      | Text          | 12   |
| UnitsAvail   | The available quantity.   | Number (long) | 4    |
| UnitsInTrans | Quantity reserved in transit, for example under tender.         | Number (long) | 4    |
| DelProd      | The depository product code.                                    | Text          | 6    |
| HeldAt       | Code for the location at which the commodity is held.           | Text          | 10   |
| CPRef        | Additional Clearing Participant supplied reference information. | Text          | 250  |
| MoreDetails  | Additional information relating to the holding                  | Text          | 250  |

### 3.25. DepHoldingActivity



The DepHoldingActivity table contains the details of commodity deposits lodged with ASXCL.

| Index Name | Property | Number of Fields   |
|------------|----------|--|
| PrimaryKey | Unique:  | True   |
|            | Fields:  | AccId, Ascending<br>DepositId, Ascending<br>ActId, Ascending |

| Column Name | Description   | Type          | Size |
|-------------|---|---------------|------|
| AccId       | Uniquely identifies an account.                                     | Number (long) | 4    |
| DepositId   | Uniquely identifies a deposit.                                      | Text          | 20   |
| ActId       | Uniquely identifies an activity associated with the lodged deposit. | Number (long) | 4    |
| ActDesc     | Description of the activity performed.                              | Text          | 25   |
| Units       | Quantity held.  | Number (long) | 4    |
| DelProd     | The depository product code.  | Text          | 6    |
| HeldAt      | Code for the location at which the commodity is held.               | Text          | 10   |

|             |   |           |     |
|-------------|---|-----------|-----|
| CPreRef     | Additional clearing participant supplied reference information. | Text      | 250 |
| MoreDetails | Additional information relating to the holding.                 | Text      | 250 |
| ActTime     | Date and time of activity.                                      | Date/Time | 8   |

### 3.26. DerivProd



The DerivProd table contains details of all derivative products cleared by ASXCL.

| Index Name       | Property |                          | Number of Fields |
|------------------|----------|--------------------------|------------------|
| DerivProdTypeKey | Unique:  | False                    | 1                |
|                  | Fields:  | DerivProdType, Ascending |                  |
| MargGrpKey       | Unique:  | False                    | 1                |
|                  | Fields:  | MargGrp, Ascending       |                  |
| PrimaryKey       | Unique:  | True                     | 1                |
|                  | Fields:  | DerivProd, Ascending     |                  |
| UnderProdKey     | Unique:  | False                    | 1                |
|                  | Fields:  | UnderProd, Ascending     |                  |

| Column Name   | Description  | Type             | Size |
|---------------|--|------------------|------|
| DerivProd     | Unique code that identifies the derivative product.  | Text             | 6    |
| DerivProdStat | Active or Suspended.                                 | Text             | 1    |
| DerivProdType | Code that identifies the type of derivative product. | Text             | 2    |
| IssCode       | Reserved for future use.                             | Text             | 4    |
| SecType       | Reserved for future use.                             | Text             | 3    |
| DerivProdDesc | Description of the product.                          | Text             | 60   |
| AllowExer     | Allow the exercise of positions Yes or No.           | Text             | 1    |
| UnderProd     | Underlying product code.                             | Text             | 6    |
| UnderProdType | Code that identifies the type of underlying product. | Text             | 2    |
| DelDays       | Number of business days in the delivery cycle.       | Number (Integer) | 2    |

|                   |   |                  |    |
|-------------------|---|------------------|----|
| Cur               | The currency in which contract prices are quoted.                                     | Text             | 3  |
| PriceDec          | Number of decimal places in the contract price.                                       | Number (Byte)    | 1  |
| StrikeDec         | Number of decimal places in the strike price.   | Number (Byte)    | 1  |
| TickSize          | Tick size.  | Currency         | 8  |
| TickVal           | Tick value.   | Currency         | 8  |
| CommCur           | Currency in which give-up commissions are charged.                                    | Text             | 3  |
| FeeCur            | Currency in which fees are charged.   | Text             | 3  |
| MargGrp           | The margin class group to which the derivative product belongs.                       | Text             | 5  |
| DelMargRate       | The margin rate for contracts under delivery.   | Currency         | 8  |
| ShortOptionPerc   | The minimum short option percentage to be applied.                                    | Currency         | 8  |
| MinContractCharge | The minimum amount to be charged per contract.  | Currency         | 8  |
| PointPercType     | Quantification of the margin interval as Points or %.                                 | Text             | 1  |
| MargIntAmt        | Value of the margin interval.   | Currency         | 8  |
| SpotSpread        | Margin rate used for spot contracts that are offset by other contracts.               | Currency         | 8  |
| NonSpotSpread     | Margin rate used for non-spot contracts that are offset by other contracts.           | Currency         | 8  |
| SpotType          | Code that identifies the method used to calculate the start of the spot period.       | Text             | 2  |
| SpotMonths        | The number of month's value used in the calculation of the start of the spot month.   | Number (Integer) | 2  |
| SpotDays          | The number of day's value used in the calculation of the start of the spot month.     | Number (Integer) | 2  |
| CondStat          | Does the product have conditional status Yes or No.                                   | Text             | 1  |
| DeList            | Has the product been delisted Yes or No.  | Text             | 1  |
| ContValType       | Code that identifies the calculation method used to determine the contract value.     | Text             | 2  |
| FeeCategory       | The fee category used to determine the fees to be charged for the derivative product. | Text             | 20 |

|                       |  |               |    |
|-----------------------|--|---------------|----|
| ExchId                | Code that identifies the exchange on which the derivative product is traded.   | Number (Long) | 4  |
| MinVolatility         | The minimum volatility used in margin calculations for the derivative product.   | Currency      | 8  |
| PremPaid              | The premium paid at the time of trade. Includes Yes or No.   | Text          | 1  |
| UnitsPerLot           | Number of units per contract.  | Currency      | 8  |
| Multiplier            | The multiplier used for contract value calculations.   | Currency      | 8  |
| RSCCCur<br>DEPRECATED | The currency of RSCC swap point cash adjustments.  | Text          | 3  |
| CashSettPrice         | The price used by the cash settlement process.   | Number (Long) | 4  |
| CashSettPriceText     | The cash settlement price formatted for display.   | Text          | 10 |
| Basket                | Indicates the type of basket. Valid values are:<br>N = Not a basket<br>S = Synthetic basket<br>T = True basket.  | Text          | 1  |
| ManAutoExer           | Empty<br><br>Initial value = N   | Text          | 1  |
| DelAllowed            | Are tenders allowed? Y(es), N(o).  | Text          | 1  |
| CashSettle            | Is this a cash settled contract? Y(es), N(o).  | Text          | 1  |
| DPSUnderProd          | The underlying product code used by the Derivatives Pricing System.  | Text          | 6  |
| DPSUnderProdType      | The underlying product type used by the Derivatives Pricing System.  | Text          | 2  |
| MargAlert             | For internal use.  | Currency      | 8  |
| DPSMarket             | For internal use   | Number (long) | 4  |
| TradingDec            | Number of decimal places in the contract price received from the trading system.   | Number (byte) | 4  |
| Ledger                | Code used to identify a ledger.  | Text          | 12 |
| ProcessFlag           | Defines the processing of the contract. Can include:<br>0 – normal derivatives<br>1 - electricity monthly<br>2 – electricity calendar<br>3 - electricity financial | Number (long) | 8  |



|                  |   |               |   |
|------------------|---|---------------|---|
|                  | 4 – electricity flat quarterly.<br>6 – TORESS (Total return single stock)   |               |   |
| SettDelay        | The number of days by which the cash settlement is delayed.   | Number (long) | 8 |
| SubDerivProd1    | Used for combination contracts (e.g. electricity annuals) to define the contract into which the combination is split.     | Text          | 6 |
| SubDerivProd2    | Used for combination contracts (e.g. electricity flat) to define the second contract into which the combination is split. | Text          | 6 |
| DelProd          | The product code used to uniquely identify deliverable commodities  | Text          | 6 |
| DPSDerivProdType | The derivative product type used by the Derivatives Pricing System.   | Text          | 2 |
| AllowOTCs        | Y/N indicates whether OTCs are allowed for this derivative product.   | Char          | 1 |
| ListingFrequency | Defines the listing frequency of the contract. Can include:<br>M - Monthly<br>W - Weekly<br>D - Daily                     | Char          | 1 |

### 3.27. Dividend



The Dividend table contains details of anticipated payments for underlying products.

| Index Name | Property |                                       | Number of Fields |
|------------|----------|---------------------------------------|------------------|
| PrimaryKey | Unique:  | True                                  | 2                |
|            | Fields:  | Prod, Ascending<br>DivDate, Ascending |                  |

| Column Name | Description                                 | Type      | Size |
|-------------|---|-----------|------|
| Prod        | Code used to uniquely identify the product. | Text      | 6    |
| DivDate     | The ex-date of the first dividend.          | Date/Time | 8    |
| DivVal      | The dividend value.                         | Currency  | 8    |

|         |   |               |   |
|---------|---|---------------|---|
| DivFreq | The number of times the dividend is paid each year. Zero indicates an annual yield. | Number (Long) | 4 |
|---------|---|---------------|---|

### 3.28. DividendPayable



The DividendPayable table contains details of dividend payments relating to TORESS product open positions. The data is available from the ex-date until the day after payable date.

| Index Name | Property |   | Number of Fields |
|------------|----------|---|------------------|
| PrimaryKey | Unique:  | True  | 2                |
|            | Fields:  | PayableDate, Ascending<br>AccId, Ascending<br>Cur, Ascending<br>DerivProd, Ascending<br>Multiplier, Ascending |                  |

| Column Name | Description   | Type          | Size |
|-------------|---|---------------|------|
| PayableDate | The dividend payable date, the date the TORESS dividend amount is payable.                                | Date/Time     | 8    |
| AccId       | Uniquely identifies an account.   | Number (Long) | 4    |
| Cur         | The currency in which contract prices are quoted.   | Text          | 3    |
| DerivProd   | Code used to uniquely identify the TORESS product.  | Text          | 6    |
| Multiplier  | The multiplier used to calculate the dividend amount (i.e. TORESS Payment).                               | Currency      | 8    |
| Ledger      | Code used to identify a ledger.   | Text          | 12   |
| Prod        | Code used to uniquely identify the dividend (underlying) product.   | Text          | 6    |
| Qty         | The net TORESS open position used to calculate the TORESS payment. Net short position is a negative value | Number (Long) | 4    |
| DivVal      | The dividend value.   | Currency      | 8    |
| Amt         | The amount payable.   | Currency      | 8    |

### 3.29. DPWork



The DPWork table is for internal use.

| Index Name       | Property  |                      | Number of Fields |
|------------------|---|----------------------|------------------|
| PrimaryKey       | Unique:   | True                 | 1                |
|                  | Fields:   | DerivProd, Ascending |                  |
|                  |   |                      |                  |
| Column Name      | Description   | Type                 | Size             |
| DerivProd        | Unique code that identifies the derivative product.   | Text                 | 6                |
| ListingFrequency | Defines the listing frequency of the contract. Can include:<br>M - Monthly<br>W - Weekly<br>D - Daily | Char                 | 1                |

### 3.30. EqtClear



The EqtClear table contains details of all ASX participants that have equity clearing rights.

| Index Name   | Property  | Number of Fields      |      |
|--------------|---|-----------------------|------|
| PrimaryKey   | Unique:   | True                  |      |
|              | Fields:   | EqtClearId, Ascending |      |
|              |   |                       |      |
| Column Name  | Description   | Type                  | Size |
| EqtClearId   | Code used to uniquely identify the ASX equity clearer.              | Number(Long)          | 4    |
| EqtClear     | A unique code that is commonly used to identify the equity clearer. | Text                  | 10   |
| EqtClearName | The name given to the equity clearer.                               | Text                  | 50   |

### 3.31. ExchFee



The ExchFee table contains details of fees charged to a member in connection with the particular participants clearing and trading of contracts.

| Index Name | Property |   | Number of Fields |
|------------|----------|---|------------------|
| PrimaryKey | Unique:  | True  | 6                |
|            | Fields:  | FeeDate, Ascending<br>Ledger, Ascending<br>Cur, Ascending<br>FeeCategory, Ascending<br>SegType, Ascending<br>FeeType, Ascending |                  |

| Column Name | Description   | Type          | Size |
|-------------|---|---------------|------|
| FeeDate     | The date to which the fee relates.  | Date/Time     | 8    |
| Cur         | Indicates the currency of the fee.  | Text          | 3    |
| FeeCategory | Code that uniquely identifies the fee category used for calculating fees for the derivative product.                      | Text          | 20   |
| SegType     | Code that identifies the segregation type of the fee charged or rebate given.   | Text          | 1    |
| FeeType     | Code that identifies the type of fee charged or rebate given.   | Text          | 2    |
| Qty         | Number of contracts or lots on which fees have been calculated.   | Number (Long) | 4    |
| CHFeeRate   | Clearing house fee rate.  | Currency      | 8    |
| ExFeeRate   | Exchange fee rate.  | Currency      | 8    |
| FeeValue    | Total fee value.  | Currency      | 8    |
| Rebate      | Is this a rebate? Yes or No.  | Text          | 1    |
| BaseFeeType | The base fee type for this fee type. It is used to reference GST fee type back to the fee type on which the GST is based. | Text          | 2    |
| Ledger      | Code used to identify a ledger.   | Text          | 12   |
| Cur         | Currency of the fee.  | Text          | 3    |
| GSTInd      | GST Indicator. Y (yes) N (no)   | Text          | 1    |

### 3.32. ExchRate



The ExchRate table contains details of all exchange rates used to convert foreign currencies to the base currency, for example RM.

| Index Name | Property |                | Number of Fields |
|------------|----------|----------------|------------------|
| PrimaryKey | Unique:  | True           | 1                |
|            | Fields:  | Cur, Ascending |                  |

| Column Name | Description  | Type            | Size |
|-------------|--|-----------------|------|
| Cur         | Code used to uniquely identify the currency.   | Text            | 3    |
| BuyRate     | The rate at which the clearing house buys the currency (i.e. it will be lower than the sell rate). | Number (Double) | 8    |
| SellRate    | The rate that the clearing house sells the currency. It is higher than the buy rate.               | Number (Double) | 8    |
| LastUpd     | Date and time the exchange rate was last updated.  | Date/Time       | 8    |

### 3.33. ExerAudit



The ExerAudit table contains details of each auditable transaction performed within the system in respect of manual exercise and exercise exclusions.

| Index Name  | Property |  | Number of Fields |
|-------------|----------|--|------------------|
| Primary Key | Unique:  | True   | 3                |
|             | Fields:  | Application, Ascending<br>BusDate, Ascending<br>RecID, Ascending |                  |

| Column Name | Description  | Type      | Size |
|-------------|--|-----------|------|
| Application | Code that identifies the application.                  | Text      | 20   |
| BusDate     | The business date to which an auditable event relates. | Date/Time | 8    |

|              |  |               |     |
|--------------|--|---------------|-----|
| RecID        | Unique number assigned to each recorded event.           | Number (Long) | 4   |
| AuditGrp     | Reserved for future use.                                 | Text          | 10  |
| CurDate      | The CPU date and time when the auditable event occurred. | Date/Time     | 8   |
| UserId       | The ID of the user who initiated the auditable event.    | Text          | 50  |
| Headline     | A note of the type of auditable event.                   | Text          | 50  |
| AuditAct     | Code that identifies the type of event.                  | Text          | 1   |
| DataType     | Code that identifies the type of data.                   | Text          | 1   |
| BriefDetails | Brief details of the auditable event.                    | Text          | 100 |
| Details1     | Fuller details of the auditable event, if applicable.    | Text          | 255 |
| Details2     | Continuation of Details 1, if applicable.                | Text          | 255 |
| Details3     | Continuation of Details 2, if applicable.                | Text          | 255 |
| Details4     | Continuation of Details 3, if applicable.                | Text          | 255 |

### 3.34. ExerSched



The ExerSched table contains details of Automatic Exercise Schedules that are used by the automatic exercise process.

| Index Name | Property           | Number of Fields             |
|------------|--------------------|------------------------------|
| PrimaryKey | Unique:<br>Fields: | True<br>ExerSched, Ascending |

| Column Name | Description  | Type     | Size |
|-------------|--|----------|------|
| ExerSched   | The name used to uniquely identify an exercise schedule.                     | Text     | 20   |
| Val         | The value used by the process that automatically generates exercise notices. | Currency | 8    |

### 3.35. ExerSumm



The ExerSumm table details exercises from the previous business day.

| Index Name | Property | Number of Fields |
|------------|----------|------------------|
|------------|----------|------------------|

|            |         |                  |   |
|------------|---------|------------------|---|
| PrimaryKey | Unique: | False            | 1 |
|            | Fields: | EntId, Ascending |   |

| Column Name | Description                          | Type          | Size |
|-------------|--------------------------------------|---------------|------|
| EntId       | Uniquely identifies a traded entity. | Number (Long) | 4    |
| Qty         | Total quantity exercised.            | Number (Long) | 4    |

### 3.36. FeeRate



The FeeRate table contains the details of all fee rates charged by ASXCL.

| Index Name | Property | Number of Fields                             |
|------------|----------|--|
| PrimaryKey | Unique:  | True   |
|            | Fields:  | FeeCategory, Ascending<br>FeeType, Ascending |

| Column Name | Description  | Type     | Size |
|-------------|--|----------|------|
| FeeCategory | Fee Category code.   | Text     | 20   |
| FeeType     | Code identifying the type of fee or rebate.  | Text     | 2    |
| FeeClass    | Class used for fee or rebate.<br>Valid values are CO (by transaction) and LO (by per unit within a transaction). | Text     | 2    |
| CHFeeRate   | Clearing fee or rebate rate.   | Currency | 8    |
| ExFeeRate   | Exchange fee or rebate rate.   | Currency | 8    |
| Rebate      | Is this a rebate? Y(es) or N(o).   | Text     | 1    |
| GSTFeeType  | GST fee type code associated with this fee/rebate.   | Text     | 2    |

### 3.37. FinStat



The FinStat table contains details of all financial entries relating to the previous business day. It is used to produce the Daily Financial Statement.

| Index Name | Property | Number of Fields |
|------------|----------|------------------|
|------------|----------|------------------|

|                |         |   |   |
|----------------|---------|---|---|
| PostingCodeKey | Unique: | False   | 1 |
|                | Fields: | PostingCode,<br>Ascending   |   |
| PrimaryKey     | Unique: | True  | 6 |
|                | Fields: | Type, Ascending<br>Ledger, Ascending<br>Cur, Ascending<br>LedgMov, Ascending<br>PostingCode,<br>Ascending<br>RecId, Ascending |   |

| Column Name | Description   | Type           | Size |
|-------------|---|----------------|------|
| Type        | Segregated, Unsegregated, X Interest Rate                           | Text           | 1    |
| Cur         | Currency of the value.  | Text           | 3    |
| LedgMov     | It is Yes if the posting caused a ledger movement, or else No.      | Text           | 1    |
| PostingCode | Code used to identify the particular type of posting.               | Text           | 10   |
| RecId       | Unique number used to identify the record.                          | Number (Long)  | 4    |
| Val         | Value of the item.  | Currency       | 8    |
| PostText    | Supplementary comments.   | Text           | 50   |
| IsSysCur    | Internal use only.  | Text           | 1    |
| ExchRate    | The exchange rate used to translate the value to the base currency. | Number(double) | 8    |
| Ledger      | Code used to identify a ledger.                                     | Text           | 12   |

### 3.38. Grp



The Grp table contains details of all account groups that have been established by the participant.

| Index Name | Property | Number of Fields |
|------------|----------|------------------|
| GrpKey     | Unique:  | False            |
|            | Fields:  | Grp, Ascending   |
| PrimaryKey | Unique:  | True             |
|            | Fields:  | GrpId, Ascending |



| Column Name | Description                                      | Type          | Size |
|-------------|--|---------------|------|
| GrpId       | Uniquely identifies each group.                  | Number (Long) | 4    |
| Grp         | Code commonly used to uniquely identify a group. | Text          | 10   |
| GrpName     | The name assigned to a group.                    | Text          | 50   |

### 3.39. GrpAcc



The GrpAcc table contains details of the account group(s) to which the account belongs.

| Index Name | Property | Number of Fields                     |
|------------|----------|--------------------------------------|
| PrimaryKey | Unique:  | True                                 |
|            | Fields:  | GrpId, Ascending<br>AccId, Ascending |

| Column Name | Description                     | Type          | Size |
|-------------|---------------------------------|---------------|------|
| GrpId       | Uniquely identifies a group.    | Number (Long) | 4    |
| AccId       | Uniquely identifies an account. | Number (Long) | 4    |

### 3.40. GSTRate



The GSTRate table contains details of GST rates to apply, and the date from which they are effective.

| Index Name | Property | Number of Fields    |
|------------|----------|---------------------|
| PrimaryKey | Unique:  | True                |
|            | Fields:  | FromDate, Ascending |

| Column Name | Description                                  | Type      | Size |
|-------------|--|-----------|------|
| FromDate    | Specifies the date when the rate will apply. | Date/Time | 8    |

|         |   |          |   |
|---------|---|----------|---|
| GSTRate | Specifies the amount of GST applicable from the date specified. | Currency | 8 |
|---------|---|----------|---|

### 3.41. IdentitySeq



The IdentitySeq table contains the next record number for new records for each table.

| Index Name | Property                     | Number of Fields |
|------------|------------------------------|------------------|
| PrimaryKey | Unique: True                 | 1                |
|            | Fields: TableName, Ascending |                  |

| Column Name | Description                           | Type          | Size |
|-------------|---------------------------------------|---------------|------|
| TableName   | Stores the name of a valid MCM table. | Text          | 50   |
| LastID      | Stores the last ID that was used.     | Number (Long) | 4    |

### 3.42. IntBal



The IntBal table contains details of accrued interest values, accrued interest adjustments and accrued interest postings.

| Index Name | Property | Number of Fields  |
|------------|----------|---|
| PrimaryKey | Unique:  | True  |
|            | Fields:  | BusDate, Ascending<br>Ledger, Ascending<br>Cur, Ascending<br>SegType, Ascending<br>IntType, Ascending<br>RecId, Ascending |

| Column Name | Description   | Type             | Size |
|-------------|---|------------------|------|
| BusDate     | Date associated with the interest accrual or posting.             | Date/Time        | 8    |
| Cur         | Currency of the interest amount.                                  | Text             | 3    |
| SegType     | Code that identifies the segregation type of the interest amount. | Text             | 1    |
| IntType     | Code that identifies the type of entry.                           | Text             | 1    |
| RecId       | Unique number to identify this record.                            | Number (Long)    | 4    |
| IntBal      | Balance on which interest was based.                              | Currency         | 8    |
| IntRate     | Interest rate used to calculate the interest amount.              | Currency         | 8    |
| IntDays     | Number of days used to calculate the interest amount.             | Number (Integer) | 2    |
| Int         | The interest amount.  | Currency         | 8    |
| IntDesc     | Comments that may be attached to explain the entry.               | Text             | 50   |
| IntSrc      | Code that identifies the source of the posting.                   | Text             | 1    |
| Ledger      | Code used to identify a ledger.                                   | Text             | 12   |

### 3.43. IntraDayRefPrice



The IntraDayRefPrice table contains details of the latest underlying products.

| Index Name | Properties |                 | Number of Fields |
|------------|------------|-----------------|------------------|
| PrimaryKey | Unique:    | True            | 1                |
|            | Fields:    | Prod, Ascending |                  |

| Column Name  | Description   | Type          | Size |
|--------------|---|---------------|------|
| Prod         | Code that uniquely identifies the product.  | Text          | 6    |
| RefPrice     | The reference price of the underlying product and used by the process that determines whether exercise notices are automatically generated. | Number (Long) | 4    |
| RefPriceText | Reference price in text format.   | Text          | 10   |

### 3.44. IntRate



The IntRate table contains details of the current interest rates used by ASXCL.

| Index Name | Property |   | Number of Fields |
|------------|----------|---|------------------|
| PrimaryKey | Unique:  | True  | 2                |
|            | Fields:  | Cur, Ascending<br>IntRateType,<br>Ascending |                  |

| Column Name | Description                                     | Type     | Size |
|-------------|---|----------|------|
| Cur         | Code used to uniquely identify the currency.    | Text     | 3    |
| IntRateType | Code that identifies the type of interest rate. | Text     | 2    |
| IntRate     | Interest rate.                                  | Currency | 8    |

### 3.45. Ledger



The Ledger table contains the details of all Ledgers.

| Index Name | Property |                   | Number of Fields |
|------------|----------|-------------------|------------------|
| PrimaryKey | Unique:  | True              | 1                |
|            | Fields:  | Ledger, Ascending |                  |

| Column Name     | Description  | Type         | Size |
|-----------------|--|--------------|------|
| Ledger          | Code used to identify a ledger.  | Text         | 12   |
| RepSeqNum       | Used to determine the sequence in which the ledgers are reported.                          | Number(Long) | 8    |
| NetSegUnseg     | Y or N: indicates whether the Segregated and Unsegregated call amounts will be netted.     | Text         | 1    |
| ExcessAllowed   | The excess allowed for the ledger.   | Currency     | 8    |
| ShortageAllowed | The shortage allowed for the ledger.   | Currency     | 8    |
| CollPriority    | Indicates the priority of collateral usage.  | Number(Long) | 8    |
| CollCover       | The ratio of the credit margin that is used to cover margin requirements in other ledgers. | Currency     | 8    |

### 3.46. Literal



The Literal table is for internal ASX use.

| Index Name | Property |   | Number of Fields |
|------------|----------|---|------------------|
| PrimaryKey | Unique:  | True                                    | 2                |
|            | Fields:  | Category, Ascending<br>LitID, Ascending |                  |

| Column Name | Description            | Type | Size |
|-------------|------------------------|------|------|
| Category    | For internal use only. | Text | 20   |
| LitID       | For internal use only. | Text | 20   |
| LitText     | For internal use only. | Text | 255  |

|               |                        |              |   |
|---------------|------------------------|--------------|---|
| Buttons       | For internal use only. | Number(Long) | 4 |
| Icon          | For internal use only. | Number(Long) | 4 |
| DefaultButton | For internal use only. | Number(Long) | 4 |
| Modal         | For internal use only. | Number(Long) | 4 |

### 3.47. MargIntRate



The MargIntRate table is reserved for future use.

| Index Name | Property | Number of Fields                        |
|------------|----------|---|
| PrimaryKey | Unique:  | True                                    |
|            | Fields:  | Cur, Ascending<br>IntDate,<br>Ascending |

| Column Name | Description                                  | Type      | Size |
|-------------|--|-----------|------|
| Cur         | Currency code relating to the interest rate. | Text      | 3    |
| IntDate     | The date relating to the interest rate.      | Date/Time | 8    |
| IntRate     | The interest rate.                           | Currency  | 8    |

### 3.48. MargSpecials



The MargSpecials table contains the margin rate overrides by traded entity. These overrides have been introduced for electricity contracts.

| Index Name | Property | Number of Fields |
|------------|----------|------------------|
| PrimaryKey | Unique:  | True             |
|            | Fields:  | EntId, Ascending |

| Column Name | Description                                    | Type         | Size |
|-------------|--|--------------|------|
| EntID       | Code that uniquely identifies a traded entity. | Number(Long) | 8    |
| MargIntAmt  | Value of the margin rate.                      | Currency     | 8    |

### 3.49. MarketMakers



The MarketMakers table contains the details of all the derivative products that each market maker is responsible for.

| Index Name | Property | Number of Fields                            |
|------------|----------|---|
| PrimaryKey | Unique:  | True  |
|            | Fields:  | MbrId, Ascending<br>DerivProd,<br>Ascending |

| Column Name | Description  | Type         | Size |
|-------------|--|--------------|------|
| MbrId       | Internal ID that uniquely identifies each participant. | Number(Long) | 8    |
| DerivProd   | Unique code that identifies the derivative product.    | Text         | 6    |

### 3.50. Mbr



The Mbr table contains details of ASXCL clearing participants.

| Index Name | Property | Number of Fields |
|------------|----------|------------------|
| MbrKey     | Unique:  | False            |
|            | Fields:  | Mbr, Ascending   |
| PrimaryKey | Unique:  | True             |
|            | Fields:  | MbrId, Ascending |

| Column Name  | Description  | Type          | Size |
|--------------|--|---------------|------|
| MbrId        | Code that uniquely identifies each participant.        | Number (Long) | 4    |
| Mbr          | Participant mnemonic.                                  | Text          | 4    |
| MbrClearType | Code that identifies the type of Clearing Participant. | Text          | 1    |
| MbrName      | The name of the participant.                           | Text          | 60   |
| MbrShortName | The short name of the participant.                     | Text          | 20   |

### 3.51. MbrComm



The MbrComm table contains details of take-up and give-up commission rates usually charged or earned in relation to transactions conducted with other participants.

| Index Name | Property  | Number of Fields |
|------------|---|------------------|
| PrimaryKey | Unique: True  | 3                |
|            | Fields: OtherMbrId, Ascending<br>DerivProdType, Ascending<br>Cur, Ascending |                  |

| Name          | Description  | Type          | Size |
|---------------|--|---------------|------|
| OtherMbrId    | Code that uniquely identifies a participant.   | Number (Long) | 4    |
| DerivProdType | Code that identifies the type of derivative product.                                   | Text          | 2    |
| Cur           | Code used to identify the currency of the commission.                                  | Text          | 3    |
| GUComm        | Give-up commission rate. This is the rate usually paid to the other.                   | Currency      | 8    |
| GUCommBasis   | Valid values are A for an amount, P for a percentage and R for a rate.                 | Text          | 1    |
| TUComm        | Take-up commission rate. This is the rate usually received from the other participant. | Currency      | 8    |
| TUCommBasis   | Valid values are A for an amount, P for a percentage and R for a rate.                 | Text          | 1    |

### 3.52. MbrExch



The MbrExch table contains details of participants exchange membership.

| Index Name | Property                                      | Number of Fields |
|------------|---|------------------|
| PrimaryKey | Unique: True                                  | 2                |
|            | Fields: MbrId, Ascending<br>ExchId, Ascending |                  |

| Column Name | Description                                  | Type          | Size |
|-------------|--|---------------|------|
| MbrId       | Code that uniquely identifies a participant. | Number (Long) | 4    |



|                 |  |               |   |
|-----------------|--|---------------|---|
| ExchId          | Code that identifies an exchange.  | Number (Long) | 4 |
| DefAcclId       | Code that identifies the Default Account<br>0000000000<br>Initial value = from Mbr.DefAcclID   | Number (Long) | 4 |
| DefHouseAcclId  | Code that identifies the house omnibus<br>Account H<br>Initial value = 2147483646  | Number (Long) | 4 |
| DefClientAcclId | Code that identifies the Client omnibus<br>Account C<br>Default value = 2147483647   | Number (Long) | 4 |
| ClearMbrId      | Code that identifies the Clearing Participant<br>Initial value = MbrClearMbrID   | Number (Long) | 4 |
| Active          | Y = Participant is active; i.e. participates in<br>this exchange.<br><br>N = Participant is inactive; i.e. does not<br>participate in this exchange.<br><br>Initial value = Y if MbrExch.MbrID exists in<br>Mbr table (Mbr.MbrID). | Text          | 1 |

### 3.53. MicroHelp



The MicroHelp table is for internal use.

| Index Name | Property                                      | Number of Fields |
|------------|---|------------------|
| PrimaryKey | Unique: True<br>Fields: ColName,<br>Ascending | 1                |

| Column Name | Description            | Type | Size |
|-------------|------------------------|------|------|
| ColName     | For internal use only. | Text | 50   |
| MicroHelp   | For internal use only. | Text | 255  |

### 3.54. MsgType



The MsgType table is for internal use.

| Index Name | Property  | Number of Fields |
|------------|---|------------------|
| PrimaryKey | Unique: True  | 2                |
|            | Fields: MsgType, Ascending<br>MsgVersion, Ascending |                  |

| Name             | Description  | Type         | Size |
|------------------|--|--------------|------|
| MsgType          | Type of Message.   | Text         | 4    |
| MsgVersion       | Version associated with a message.   | Number(Long) | 4    |
| MsgTypeDesc      | Description of a message type.   | Text         | 50   |
| MsgTypeClass     | 'S'tandard.  | Text         | 1    |
| MsgTypeProc      | 'T'ask Manager, 'R'un, 'S'tart and 'I'gnore  | Text         | 1    |
| MsgTypeRun       | Command line used to start process.  | Text         | 250  |
| MsgTypeExclusive | Run in exclusive mode (Y/N). For example, no other Task Mgr processing in parallel | Text         | 1    |
| MsgTypeMaxRun    | Maximum run time associated with the process.                                      | Number(Long) | 4    |
| MsgTypePriority  | 'N'ormal or 'H'igh.  | Text         | 50   |

### 3.55. MTDCommSumm



The MTDCommSumm table contains details of commission earned, commission due and consolidated account commission and associated GST payable. This table contains data for the current month and the previous month.

| Index Name | Property   | Number of Fields |
|------------|--|------------------|
| PrimaryKey | Unique: True   | 7                |
|            | Fields: BusDate, Ascending<br>Ledger, Ascending<br>Cur, Ascending<br>CommType, Ascending<br>OtherMbrId, Ascending<br>AcclId, Ascending |                  |

DerivProdType,  
Ascending

| Column Name   | Description  | Type         | Size |
|---------------|--|--------------|------|
| BusDate       | The business date to which an auditable event relates.   | Date/Time    | 8    |
| Cur           | Currency of the value.   | Text         | 255  |
| CommType      | The type of commission.  | Text         | 255  |
| OtherMbrId    | Code that uniquely identifies a participant.   | Number(Long) | 4    |
| AccId         | Code that uniquely identifies an account.  | Number(Long) | 4    |
| DerivProdType | Identifies the category of derivative product. E.g. 'OS' = Equity Option<br>(See CodeVal table for other possible values.) | Text         | 255  |
| Qty           | The number of lots on which commission was charged.  | Number(Long) | 4    |
| CommVal       | The value of commission charged.   | Currency     | 8    |
| GSTVal        | The value of GST charged.  | Currency     | 8    |
| Ledger        | Code used to identify a ledger.  | Text         | 12   |

### 3.56. MTDPPost



The MTDPPost table contains details of ledger postings for the current and previous month.

| Index Name | Property | Number of Fields  |
|------------|----------|---|
| PrimaryKey | Unique:  | True  |
|            | Fields:  | BusDate,<br>Ascending<br>Ledger, Ascending<br>Cur, Ascending<br>SegType,<br>Ascending<br>RecId, Ascending |

| Column Name | Description   | Type      | Size |
|-------------|---|-----------|------|
| BusDate     | The business date of the posting.                         | Date/Time | 8    |
| Cur         | Code used to identify the currency of the posting amount. | Text      | 3    |

|             |  |               |    |
|-------------|--|---------------|----|
| SegType     | Code that identifies the segregation type of the posting amount.             | Text          | 1  |
| RecId       | Uniquely identifies the particular entry.                                    | Number (Long) | 4  |
| PostType    | Code that identifies the source of the posting.                              | Text          | 1  |
| PostingCode | Posting code used to identify the particular type of posting.                | Text          | 6  |
| ValDate     | Date upon which interest is calculated in respect of the particular posting. | Date/Time     | 8  |
| Val         | Posting amount.  | Currency      | 8  |
| PostText    | Comments, which may be attached to explain the entry.                        | Text          | 50 |
| Ledger      | Code used to identify a ledger.  | Text          | 12 |

### 3.57. OpenInt



The OpenInt table contains details of the previous business days open interest.

| Index Name | Property | Number of Fields |
|------------|----------|------------------|
| PrimaryKey | Unique:  | True             |
|            | Fields:  | EntId, Ascending |

| Column Name | Description                                    | Type          | Size |
|-------------|--|---------------|------|
| EntId       | Code that uniquely identifies a traded entity. | Number (Long) | 4    |
| Qty         | Total quantity open.                           | Number (Long) | 4    |

### 3.58. OpenPos



The OpenPos table contains details by account of the current open position for the participant. The open position is updated as trades are allocated, matched out, etc.

| Index Name | Property | Number of Fields                    |
|------------|----------|-------------------------------------|
| EntIdKey   | Unique:  | False                               |
|            | Fields:  | EntId, Ascending                    |
| PrimaryKey | Unique:  | True                                |
|            | Fields:  | AcId, Ascending<br>EntId, Ascending |

BuySell,  
Ascending

| Column Name | Description  | Type             | Size |
|-------------|--|------------------|------|
| AcclId      | Code that uniquely identifies an account.  | Number (Long)    | 4    |
| EntId       | Code that uniquely identifies a traded entity.                                     | Number (Long)    | 4    |
| BuySell     | Buy or Sell.   | Text             | 1    |
| BuySellInd  | 1=Buy or -1=Sell.  | Number (Integer) | 2    |
| BFwdQty     | Quantity open at start of day.   | Number (Long)    | 4    |
| CurrQty     | Current quantity open.   | Number (Long)    | 4    |
| AllocQty    | Quantity allocated to the position today.  | Number (Long)    | 4    |
| MatchOutQty | Quantity matched out today.  | Number (Long)    | 4    |
| ExerQty     | Quantity exercised today.  | Number (Long)    | 4    |
| TranOutQty  | Quantity transferred out today.  | Number (Long)    | 4    |
| TranInQty   | Quantity transferred in today.   | Number (Long)    | 4    |
| ExclExerQty | Quantity to be excluded from exercise.   | Number (Long)    | 4    |
| AdjustQty   | Quantity adjusted. This is the only quantity field that can have a negative value. | Number (Long)    | 4    |
| CloseQty    | Reserved for future use.   | Number (Long)    | 4    |
| DelBFwdQty  | Quantity under delivery at the start of day.                                       | Number (Long)    | 4    |
| DelCurrQty  | Current quantity under delivery.   | Number (Long)    | 4    |

### 3.59. OpenPosAct



The OpenPosAct table contains details of the open position activity, which took place on the previous business day.

| Index Name | Property | Number of Fields  |
|------------|----------|---|
| PrimaryKey | Unique:  | True  |
|            | Fields:  | AcclId, Ascending<br>EntId, Ascending<br>BuySell, Ascending<br>RecId, Ascending |

| Column Name | Description | Type | Size |
|-------------|-------------|------|------|
|-------------|-------------|------|------|

|          |  |                  |    |
|----------|--|------------------|----|
| AccId    | Code that uniquely identifies an account.  | Number (Long)    | 4  |
| EntId    | Code that uniquely identifies a traded entity.   | Number (Long)    | 4  |
| BuySell  | Buy or Sell.   | Text             | 1  |
| RecId    | Code that uniquely identifies the particular position activity.  | Number (Long)    | 4  |
| ActType  | Code that identifies the type of position activity.  | Text             | 2  |
| Qty      | Quantity associated with the activity.   | Number (Long)    | 4  |
| AdjNo    | Adjustment number assigned by clearing house.  | Number (Integer) | 2  |
| OtherMbr | Where applicable, the mnemonic of the other participant involved in the transaction.   | Text             | 4  |
| OtherAcc | The account code commonly used to identify an account of the OtherMbr when the OtherMbr is the same as the clearing participant. | Text             | 10 |
| Notes    | Any notes relating to the activity.  | Text             | 50 |
| Acc      | Account code commonly used to identify an account.   | Text             | 10 |

### 3.60. OpenPosElec



The OpenPosElec table contains the details by account of start of day open position for all electricity contracts including those for which the account has no position. Only those accounts with a position in at least one electricity contract are included.

| Index Name | Property | Number of Fields   |
|------------|----------|--|
| PrimaryKey | Unique:  | True   |
|            | Fields:  | AccId, Ascending<br>EntId, Ascending<br>BuySell, Ascending |

| Column Name | Description                                    | Type             | Size |
|-------------|--|------------------|------|
| AccID       | Code that uniquely identifies an account.      | Number(Long)     | 8    |
| EntID       | Code that uniquely identifies a traded entity. | Number(Long)     | 8    |
| BuySell     | 'B'uy or 'S'ell.                               | Text             | 1    |
| BuySellInd  | 1=Buy or -1=Sell.                              | Number (integer) | 4    |

|            |                                    |              |   |
|------------|------------------------------------|--------------|---|
| BfwdQty    | Quantity at start of day.          | Number(Long) | 8 |
| DelBFwdQty | Delivery quantity at start of day. | Number(Long) | 8 |

### 3.61. OPPreEOD



The OPPreEOD table contains details of the open position for the participant by account prior to start of day.

| Index Name | Property   | Number of Fields |
|------------|--|------------------|
| PrimaryKey | Unique: True   | 3                |
|            | Fields: AccId, Ascending<br>EntId, Ascending<br>BuySell, Ascending |                  |

| Column Name | Description  | Type             | Size |
|-------------|--|------------------|------|
| AccId       | Code that uniquely identifies an account.  | Number (Long)    | 4    |
| EntId       | Code that uniquely identifies a traded entity.                                     | Number (Long)    | 4    |
| BuySell     | Buy or Sell.   | Text             | 1    |
| BuySellInd  | 1=Buy or -1=Sell.  | Number (Integer) | 2    |
| BFwdQty     | Quantity at the start of day.  | Number (Long)    | 4    |
| CurrQty     | Current quantity open.   | Number (Long)    | 4    |
| AllocQty    | Quantity allocated to this position today.   | Number (Long)    | 4    |
| MatchOutQty | Quantity matched out today.  | Number (Long)    | 4    |
| ExerQty     | Quantity exercised today.  | Number (Long)    | 4    |
| TranOutQty  | Quantity transferred out today.  | Number (Long)    | 4    |
| TranInQty   | Quantity transferred in today.   | Number (Long)    | 4    |
| ExclExerQty | Quantity to be excluded from exercise.   | Number (Long)    | 4    |
| AdjustQty   | Quantity adjusted. This is the only quantity field that can have a negative value. | Number (Long)    | 4    |
| CloseQty    | Reserved for future use.   | Number (Long)    | 4    |
| DelBFwdQty  | Quantity under delivery at the start of day.                                       | Number (Long)    | 4    |
| DelCurrQty  | Current quantity under delivery.   | Number (Long)    | 4    |

### 3.62. PostingCode



The PostingCode table contains the posting codes used by ASXCL that are associated with ledger postings.

| Index Name | Property                       | Number of Fields |
|------------|--------------------------------|------------------|
| PrimaryKey | Unique: True                   | 1                |
|            | Fields: PostingCode, Ascending |                  |

| Column Name | Description  | Type             | Size |
|-------------|--|------------------|------|
| PostingCode | Code used to identify each type of posting.  | Text             | 6    |
| PostingDesc | Description of the type of posting.  | Text             | 50   |
| RepSeqNum   | Number allocated to the particular posting type that is used to determine the sequence in which postings are reported. | Number (Integer) | 2    |

### 3.63. PriceAvgBatch



The PriceAvgBatch table contains the details of the batches of price average requests for the current business day.

| Index Name | Property                      | Number of Fields |
|------------|-------------------------------|------------------|
| PrimaryKey | Unique: True                  | 1                |
|            | Fields: PriceAvgID, Ascending |                  |

| Column Name  | Description   | Type             | Size |
|--------------|---|------------------|------|
| PriceAvgID   | A number used to uniquely identify the batch.                   | Number (Long)    | 4    |
| Stat         | The current status of the batch.<br>P = pending<br>A = actioned | Text             | 1    |
| EntID        | Code that uniquely identifies a traded entity.                  | Number (Long)    | 4    |
| BuySell      | Buy or Sell.  | Text             | 1    |
| BuySellInd   | 1=Buy or -1=Sell.   | Number (Integer) | 2    |
| AvgPrice     | The average traded price.                                       | Number (Long)    | 4    |
| AvgPriceText | The average traded price in text format.                        | Text             | 10   |
| Qty          | The quantity traded   | Number (Long)    | 4    |



|           |   |                 |   |
|-----------|---|-----------------|---|
| RoundType | Reserved for future use.                            | Text            | 1 |
| NewTrId   | Code that uniquely identifies the trade.            | Number (Long)   | 4 |
| RoundDiff | The value of the financial adjustment to be posted. | Number (Double) | 8 |

### 3.64. Prod



The Prod table contains details of underlying products.

| Index Name | Property | Number of Fields |
|------------|----------|------------------|
| PrimaryKey | Unique:  | True             |
|            | Fields:  | Prod, Ascending  |

| Column Name   | Description   | Type             | Size |
|---------------|---|------------------|------|
| Prod          | The code assigned to a product.   | Text             | 6    |
| ProdType      | Code that identifies the type of product.   | Text             | 2    |
| ProdDesc      | Description associated with a product.  | Text             | 60   |
| NumShares     | Reserved for future use.  | Number (Long)    | 4    |
| PriceDec      | The number of decimal places in the product price.  | Number (Integer) | 2    |
| Price         | The price of the product.   | Number (Long)    | 4    |
| PriceText     | The product price in text format.   | Text             | 10   |
| RefPrice      | The reference price that is used to determine whether exercise notices are automatically generated. | Number (Long)    | 4    |
| RefPriceText  | The reference price in text format.   | Text             | 10   |
| LastPrice     | The later of product price and reference price.   | Number (Long)    | 4    |
| LastPriceText | The last price in text format.  | Text             | 50   |
| CollAccepted  | Y if the product can be lodged as collateral with ASXCL, or else N.                                 | Text             | 1    |
| TradingProd   | The code used to identify the product in the trading system.  | Text             | 6    |

### 3.65. ProdBasket



The ProdBasket table contains details of product baskets and their components.

| Index Name | Property | Number of Fields                               |
|------------|----------|--|
| NumShares  | Unique:  | True   |
|            | Fields:  | NumShares, Ascending                           |
| PrimaryKey | Unique:  | True   |
|            | Fields:  | Prod, Ascending<br>ProdComponent,<br>Ascending |

| Column Name        | Description   | Type            | Size |
|--------------------|---|-----------------|------|
| Prod               | The basket products code; i.e. the underlying product of the basket derivative product.                         | Text            | 255  |
| ProdComponent      | The product code identifying the component of the basket.   | Text            | 255  |
| ComponentType      | The type of product of the component, e.g. 'S' for share.   | Text            | 255  |
| NumShares          | The number of units (shares) of this component in the basket.   | Number (Long)   | 4    |
| ComponentPricePerc | The percentage of the basket price that this component represents.  | Number (Double) | 8    |
| LEPOPriceInCents   | The price (in cents) of the SEATS trade resulting from exercise of a LEPO over the basket.                      | Currency        | 8    |
| ComputationFlag    | The method used to calculate the price of the SEATS trade resulting from exercise of an option over the basket. | Number (Long)   | 8    |

### 3.66. ProdGrp



The ProdGrp table contains details of the grouping of related products as defined by ASXCL and used in the calculation of margins.

| Index Name | Property | Number of Fields   |
|------------|----------|--------------------|
| PrimaryKey | Unique:  | True               |
|            | Fields:  | ProdGrp, Ascending |

| Column Name | Description  | Type     | Size |
|-------------|--|----------|------|
| ProdGrp     | Code that uniquely identifies a Product Group.                     | Text     | 5    |
| ProdDesc    | Description of the Product Group.                                  | Text     | 50   |
| Offset      | Percentage offset between margin classes within the product group. | Currency | 8    |

### 3.67. Recon



The Recon table is for internal use.

| Index Name | Property | Number of Fields          |
|------------|----------|---------------------------|
| PrimaryKey | Unique:  | True                      |
|            | Fields:  | ReconcileID,<br>Ascending |

| Column Name | Description  | Type         | Size |
|-------------|--|--------------|------|
| ReconcileID | Code that uniquely identifies a reconcilable item.                                       | Text         | 30   |
| MaxDiscr    | The maximum number of discrepancies following which further checking will be terminated. | Number(Long) | 4    |
| LogSQL      | Internal use only.   | Text         | 255  |
| ReconDesc   | Description of the reconciliation check.   | Text         | 50   |
| ExcludeCols | Internal use only.   | Text         | 255  |

### 3.68. ReconExpDiff



The ReconExpDiff table contains details of reconciliation differences that are expected. For example, those resulting from a capital adjustment.

| Index Name | Property | Number of Fields                              |
|------------|----------|---|
| PrimaryKey | Unique:  | True  |
|            | Fields:  | ReconcileID,<br>Ascending<br>LogId, Ascending |

| Column Name | Description   | Type          | Size |
|-------------|---|---------------|------|
| Reconciled  | Code that uniquely identifies a reconcilable item.                                  | Text          | 30   |
| LogId       | Code that uniquely identifies the results of an expected reconciliation difference. | Number (Long) | 4    |
| LogText     | Details relating to the expected reconciliation difference.                         | Text          | 255  |

### 3.69. ReconLog



The ReconLog table contains the results of the MCM reconciliation process that is performed daily between tables on PA\_MCMO and PA\_MCME.

| Index Name | Property | Number of Fields                              |
|------------|----------|---|
| PrimaryKey | Unique:  | True  |
|            | Fields:  | ReconcileID,<br>Ascending<br>LogId, Ascending |

| Column Name | Description  | Type          | Size |
|-------------|--|---------------|------|
| ReconcileID | Code that uniquely identifies a reconcilable item.                   | Text          | 30   |
| LogId       | Code that uniquely identifies the results of a reconciliation check. | Number (Long) | 4    |
| LogTxt      | Details relating to reconciliation check.                            | Text          | 255  |

### 3.70. RegisteredHolderAuthorisations



The RegisteredHolderAuthorisations table contains the details of the Registered Holder Authorisations (RHCCA) processed by the clearing house.

| Index Name | Property | Number of Fields                   |
|------------|----------|------------------------------------|
| PrimaryKey | Unique:  | True                               |
|            | Fields:  | HIN, Ascending<br>AccId, Ascending |

| Column Name | Description  | Type          | Size |
|-------------|--|---------------|------|
| HIN         | The holder identification number of the registered holder. | Text          | 10   |
| AccId       | Uniquely identifies an account.                            | Number (Long) | 4    |

|           |   |      |   |
|-----------|---|------|---|
| Paperless | Y indicates that the authorisation is for collateral to be lodged without other paperwork being required; otherwise N.. | Text | 1 |
|-----------|---|------|---|

### 3.71. SODExtract



The SODExtract table is for internal use.

| Index Name | Property                     | Number of Fields |
|------------|------------------------------|------------------|
| PrimaryKey | Unique: True                 | 1                |
|            | Fields: ExtractID, Ascending |                  |

| Column Name  | Description | Type         | Size |
|--------------|-------------|--------------|------|
| ExtractID    | N/A         | Text         | 20   |
| Freq         | N/A         | Text         | 1    |
| Produce      | N/A         | Text         | 1    |
| Copies       | N/A         | Number(Long) | 4    |
| ExtractToday | N/A         | Text         | 1    |
| InclDate     | N/A         | Text         | 1    |
| SelectList   | N/A         | Text         | 1000 |
| FromView     | N/A         | Text         | 50   |
| OrderBy      | N/A         | Text         | 1000 |

### 3.72. SODRep



The SODRep table is for internal use.

| Index Name | Property                 | Number of Fields |
|------------|--------------------------|------------------|
| PrimaryKey | Unique: True             | 1                |
|            | Fields: RepID, Ascending |                  |

| Column Name | Description | Type | Size |
|-------------|-------------|------|------|
| RepID       | N/A         | Text | 20   |
| Freq        | N/A         | Text | 1    |
| Produce     | N/A         | Text | 1    |

|            |     |              |   |
|------------|-----|--------------|---|
| Copies     | N/A | Number(Long) | 4 |
| PrintToday | N/A | Text         | 1 |
| RepRun     | N/A | Text         | 1 |
| LandScape  | N/A | Text         | 1 |

### 3.73. SODRepCH



The SODRep table is for internal use.

| Index Name | Property                 | Number of Fields |
|------------|--------------------------|------------------|
| PrimaryKey | Unique: True             | 1                |
|            | Fields: RepID, Ascending |                  |

| Column Name  | Description | Type | Size |
|--------------|-------------|------|------|
| RepID        | N/A         | Text | 20   |
| Freq         | N/A         | Text | 1    |
| Produce      | N/A         | Text | 1    |
| ProduceToday | N/A         | Text | 1    |

### 3.74. SoftVer



The SoftVer table is for internal use.

| Index Name | Property                   | Number of Fields |
|------------|----------------------------|------------------|
| PrimaryKey | Unique: True               | 1                |
|            | Fields: SoftVer, Ascending |                  |

| Column Name | Description                                     | Type | Size |
|-------------|---|------|------|
| SoftVer     | The version number of the current MCM software. | Text | 10   |

### 3.75. SPANMargAcc



The SPANMargAcc table contains details of margins by accounts.

| Index Name | Property  | Number of Fields |
|------------|---|------------------|
| PrimaryKey | Unique: True  | 4                |
|            | Fields: Ledger Ascending,<br>Seg Type, Ascending<br>AcclId, Ascending<br>Cur, Ascending |                  |

| Column Name   | Description  | Type            | Size |
|---------------|--|-----------------|------|
| Ledger        | Code used to identify the ledger.  | Text            | 12   |
| SegType       | Code that identifies the segregation type of the account.<br>Refer Chapter 3 | Text            | 1    |
| AcclId        | Uniquely identifies an account.  | Number (Long)   | 4    |
| Cur           | The code of the currency in which margin values are expressed.               | Text            | 3    |
| PremAmt       | The premium margin.  | Number (Double) | 8    |
| ScanRiskAmt   | The SPAN scan risk margin.   | Number (Double) | 8    |
| IntraSpread   | The SPAN intra-commodity spread margin.                                      | Number (Double) | 8    |
| InterSpread   | The SPAN inter-commodity spread margin.                                      | Number (Double) | 8    |
| InterExchange | The SPAN inter-exchange spread (concession).                                 | Number (Double) | 8    |
| SpotCharge    | The SPAN Spot Charge.  | Number (Double) | 8    |
| ShortOptMin   | The minimum margin for short option positions.                               | Number (Double) | 8    |
| MargVal       | The total margin.  | Currency        | 8    |
| MargMove      | The margin movement from the previous business day.                          | Currency        | 8    |

### 3.76. SPANMargComboComm



The SPANMargComboComm table contains details of margins by combined commodity and account.

| Index Name  | Property  | Number of Fields |
|-------------|---|------------------|
| Primary Key | Unique: True  | 2                |
|             | Fields: ComboComm<br>Ascending<br>AcclId, Ascending |                  |

| Column Name   | Description   | Type            | Size |
|---------------|---|-----------------|------|
| ComboComm     | Code that identifies the combined commodity.                      | Text            | 5    |
| AcclId        | Uniquely identifies an account.                                   | Number (Long)   | 4    |
| PremAmt       | The premium margin.   | Number (Double) | 8    |
| ScanRiskAmt   | The SPAN scan risk margin.  | Number (Double) | 8    |
| IntraSpread   | The SPAN intra-commodity spread margin.                           | Number (Double) | 8    |
| InterSpread   | The SPAN inter-commodity spread margin.                           | Number (Double) | 8    |
| InterExchange | The SPAN inter-exchange spread (concession).                      | Number (Double) | 8    |
| SpotCharge    | The SPAN Spot Charge.   | Number (Double) | 8    |
| ShortOptMin   | The minimum margin for short option positions.                    | Number (Double) | 8    |
| MargVal       | The total margin.   | Currency        | 8    |
| RepGrp        | The SPAN reporting group associated with this combined commodity. | Text            | 5    |

### 3.77. SPANMargComboCommScenario



The SPANMargComboCommScenario table contains details of SPAN Scenarios used to calculate the scanning risk margin by combined commodity and account.

| Index Name  | Property | Number of Fields   |
|-------------|----------|--|
| Primary Key | Unique:  | True   |
|             | Fields:  | AcclId, Ascending<br>ComboComm<br>Ascending<br>Portfolio, Ascending<br>Scenario, Ascending |

| Column Name | Description                                  | Type             | Size |
|-------------|--|------------------|------|
| AcclId      | Uniquely identifies an account.              | Number (Long)    | 4    |
| ComboComm   | Code that identifies the combined commodity. | Text             | 5    |
| Portfolio   | The SPAN portfolio.                          | Text             | 1    |
| Scenario    | The SPAN scenario number                     | Number (TinyInt) | 1    |
| ScanRiskAmt | The scanning risk amount for this scenario.  | Number (Double)  | 8    |



### 3.78. SPANMargRepGrp



The SPANMargRepGrp table contains details of margins by SPAN Reporting Group and account.

| Index Name  | Property | Number of Fields                      |
|-------------|----------|---------------------------------------|
| Primary Key | Unique:  | True                                  |
|             | Fields:  | RepGrp Ascending<br>AcclId, Ascending |

| Property Name | Description                                    | Type            | Size |
|---------------|--|-----------------|------|
| RepGrp        | Code that identifies the SPAN Reporting Group  | Text            | 5    |
| AcclId        | Uniquely identifies an account.                | Number (Long)   | 4    |
| Ledger        | Code used to identify the ledger               | Text            | 12   |
| Cur           | Code used to identify the ledger               | Text            | 3    |
| PremAmt       | The premium margin.                            | Number (Double) | 8    |
| ScanRiskAmt   | The SPAN scan risk margin.                     | Number (Double) | 8    |
| IntraSpread   | The SPAN intra-commodity spread margin.        | Number (Double) | 8    |
| InterSpread   | The SPAN inter-commodity spread margin.        | Number (Double) | 8    |
| InterExchange | The SPAN inter-exchange spread (concession).   | Number (Double) | 8    |
| SpotCharge    | The SPAN Spot Charge.                          | Number (Double) | 8    |
| ShortOptMin   | The minimum margin for short option positions. | Number (Double) | 8    |
| MargVal       | The total margin.                              | Currency        | 8    |

### 3.79. SPANMargSegType



The SPANMargSegType table contains details of margins by account.

| Index Name  | Property | Number of Fields   |
|-------------|----------|--|
| Primary Key | Unique:  | True   |
|             | Fields:  | Ledger Ascending<br>SegType, Ascending<br>Cur, Ascending |

| Column Name   | Description  | Type            | Size |
|---------------|--|-----------------|------|
| Ledger        | Code used to identify the ledger.  | Text            | 12   |
| SegType       | Code that identifies the segregation type of the account.                | Text            | 1    |
| Cur           | The code of the currency in which margin values are expressed.           | Text            | 3    |
| PremAmt       | The premium margin.  | Number (Double) | 8    |
| ScanRiskAmt   | The SPAN scan risk margin.   | Number (Double) | 8    |
| IntraSpread   | The SPAN intra-commodity spread margin.                                  | Number (Double) | 8    |
| InterSpread   | The SPAN inter-commodity spread margin.                                  | Number (Double) | 8    |
| InterExchange | The SPAN inter-exchange spread (concession).                             | Number (Double) | 8    |
| SpotCharge    | The SPAN Spot Charge.  | Number (Double) | 8    |
| ShortOptMin   | The minimum margin for short option positions.                           | Number (Double) | 8    |
| MargVal       | The total margin.  | Currency        | 8    |
| CollUtil      | The value of the non-cash collateral utilised to cover the total margin. | Currency        | 8    |
| MargMove      | The margin movement from the previous business day.                      | Currency        | 8    |

### 3.80. StatusCheck



The StatusCheck table is for internal use.

| Index Name | Property | Number of Fields             |
|------------|----------|------------------------------|
| PrimaryKey | Unique:  | True                         |
|            | Fields:  | StatusCheckSeq,<br>Ascending |

| Column Name    | Description  | Type         | Size |
|----------------|--|--------------|------|
| StatusCheckSeq | Uniquely identifies a status check message sent to the clearing house.                 | Number(Long) | 4    |
| ReplyReceived  | Used to indicate whether a reply was received from the clearing house - 'Y'es or 'N'o. | Text         | 1    |

### 3.81. SuppSys



The SuppSys table contains supplementary system parameters; these parameters differ from Sys table parameters in that they are not refreshed during the MCM Start of Day (SOD) or MCM Refresh processes.

| Index Name | Property |                  | Number of Fields |
|------------|----------|------------------|------------------|
| PrimaryKey | Unique:  | True             | 1                |
|            | Fields:  | RecId, Ascending |                  |

| Column Name   | Description  | Type          | Size |
|---------------|--|---------------|------|
| RecId         | Unique number used to identify this record.                                | Number (Long) | 4    |
| BackupSet     | The number identifying the backup set (used to build the backup file name. | Number (Long) | 4    |
| BackupBusDate | The business date that the backup was taken.                               | Date/Time     | 8    |

### 3.82. Sys



The Sys table contains details of system parameters, some of which are maintained by the participant and others that are maintained by ASXCL.

| Index Name | Property |                    | Number of Fields |
|------------|----------|--------------------|------------------|
| PrimaryKey | Unique:  | True               | 1                |
|            | Fields:  | MyMbrId, Ascending |                  |

| Column Name       | Description                                  | Type          | Size |
|-------------------|--|---------------|------|
| MyMbrId           | Code that uniquely identifies a participant. | Number (Long) | 4    |
| MinMCMSoftVer     | The oldest permitted version of MCM.         | Text          | 10   |
| PrevBusDate       | The previous business date.                  | Date/Time     | 8    |
| BusDate           | The current business date.                   | Date/Time     | 8    |
| NextBusDate       | The next business date.                      | Date/Time     | 8    |
| PriceDate         | Reserved for future use.                     | Date/Time     | 8    |
| ICN               | Company number.                              | Text          | 20   |
| ContactManagement | Internal use only.                           | Text          | 50   |

|                     |   |                 |    |
|---------------------|---|-----------------|----|
| ContactFinancial    | Internal use only.  | Text            | 50 |
| ContactTrading      | Internal use only.  | Text            | 50 |
| ContactBackOffice   | Internal use only.  | Text            | 50 |
| MainPhone           | Internal use only.  | Text            | 50 |
| MainFax             | Internal use only.  | Text            | 50 |
| BackOfficePhone     | Internal use only.  | Text            | 50 |
| BackOfficeFax       | Internal use only.  | Text            | 50 |
| Email               | Internal use only.  | Text            | 50 |
| Name                | Name of the participant.                                  | Text            | 50 |
| Add1                | Participant address - Line 1                              | Text            | 50 |
| Add2                | Participant address - Line 2                              | Text            | 50 |
| Add3                | Participant address - Line 3                              | Text            | 50 |
| Add4                | Participant address - Line 4                              | Text            | 50 |
| State               | Participant address – the state code.                     | Text            | 3  |
| PostCode            | Participant address – the post code.                      | Text            | 20 |
| Country             | Participant address – the country.                        | Text            | 50 |
| SysCur              | Internal use only.  | Text            | 3  |
| LiscencedTo         | Internal use only.  | Text            | 50 |
| ExchRateVar         | Reserved for future use.                                  | Number (Double) | 8  |
| AccChgTime          | Internal use only.  | Date/Time       | 8  |
| GrpChgTime          | Internal use only.  | Date/Time       | 8  |
| CHName              | Internal use only.  | Text            | 50 |
| AllowGiveUp         | Internal use only.  | Text            | 1  |
| AllowTakeUp         | Internal use only.  | Text            | 1  |
| AllowTransferEntry  | Internal use only.  | Text            | 1  |
| AllowTransferAccept | Internal use only.  | Text            | 1  |
| AllowExercise       | Internal use only.  | Text            | 1  |
| AllowOnline         | Internal use only.  | Text            | 1  |
| ShutdownReq         | Internal use only.  | Text            | 1  |
| Reconciled          | Internal use only.  | Text            | 1  |
| BypassMsg           | Internal use only.  | Text            | 1  |
| RefPriceDate        | Indicates the date and time of the last reference prices. | Date/Time       | 8  |
| BypassCutOff        | Internal use only.  | Text            | 1  |
| ProtectPrices       | Internal use only.  | Text            | 1  |

|                        |   |          |   |
|------------------------|---|----------|---|
| RefPricesInProg        | Internal use only.  | Text     | 1 |
| RegTrader              | Internal use only.  | Text     | 1 |
| AllowCashWithdrawals   | 'Y'es, cash withdrawals may be performed; or else 'N'o.                                     | Text     | 1 |
| SpecificCoverTolerance | The maximum number of inits per lot that a single share lodged as specific cover can cover. | Currency | 8 |

### 3.83. SysArchive



The SysArchive table is for internal use.

| Index Name | Property |                        | Number of Fields |
|------------|----------|------------------------|------------------|
| PrimaryKey | Unique:  | True                   | 1                |
|            | Fields:  | ArchiveData, Ascending |                  |

| Column Name     | Description   | Type            | Size |
|-----------------|---|-----------------|------|
| ArchiveData     | Identifies the data to be archived.                 | Text            | 20   |
| ArchiveDataDesc | Description of the data to be archived.             | Text            | 50   |
| NumDays         | The number of days the data is to be stored online. | Number(Integer) | 2    |

### 3.84. Task



The Task table is for internal use.

| Index Name | Property |                   | Number of Fields |
|------------|----------|-------------------|------------------|
| PrimaryKey | Unique:  | True              | 1                |
|            | Fields:  | TaskId, Ascending |                  |

| Column Name | Description     | Type         | Size |
|-------------|-----------------|--------------|------|
| TaskId      | ID of the Task. | Number(Long) | 4    |

|            |   |                 |     |
|------------|---|-----------------|-----|
| MsgQueue   | Name of input message queue.  | Text            | 64  |
| MsgSetId   | ID of the message set.  | Number(Long)    | 4   |
| ProcId     | ID associated with the process.   | Number(Long)    | 4   |
| StartSeq   | Start sequence number associated with the messages to be processed.                 | Number(Long)    | 4   |
| EndSeq     | End sequence number associated with the messages to be processed.                   | Number(Long)    | 4   |
| Status     | Status of the process 'A'borted, 'C'ompleted, 'I'nitiated, 'S'tarted and 'W'aiting. | Text            | 1   |
| StartedAt  | Date and time that the process was started.   | Date/Time       | 8   |
| EndedAt    | Date and time that the process completed  | Date/Time       | 8   |
| Retries    | Number of times the process has been retried.                                       | Number(Integer) | 2   |
| MaxRunTime | Maximum time (in seconds) that a process can be executed.                           | Number(Long)    | 4   |
| Run        | Command line used to initiate a process.  | Text            | 255 |
| Exclusive  | Indicates whether or not the task should be run exclusively.                        | Text            | 1   |
| Param      | Parameters which are required by the initiated task                                 | Text            | 255 |

### 3.85. TenderDetails



The TenderDetails table contains details of tender transactions that are not yet completed or were completed on the previous business day.

| Index Name | Property           | Number of Fields  |
|------------|--------------------|---|
| PrimaryKey | Unique:<br>Fields: | True<br>CalcDate, Ascending<br>BuySell, Ascending<br>EntId, Ascending<br>TenderDate,<br>Ascending PhysRef,<br>Ascending<br>OtherMbrId,<br>Ascending |

| Column Name   | Description  | Type          | Size |
|---------------|--|---------------|------|
| CalcDate      | Date the tender invoice was produced (i.e. the tender calculation took place)  | Date/Time     | 8    |
| BuySell       | 'B'uy or 'S'ell.   | Text          | 1    |
| EntID         | Code that uniquely identifies a traded entity.   | Number (long) | 4    |
| AccID         | Code that uniquely identifies an account.  | Number (long) | 4    |
| TenderDate    | Date of tender.  | Date/Time     | 8    |
| PhysRef       | Code that uniquely identifies a tender.  | Text          | 20   |
| OtherMbrId    | Participant ID of the other party involved with the tender. Not used.  | Number (long) | 4    |
| Amt           | The amount to be paid/received for the tender.   | Currency      | 8    |
| GSTAmt        | The amount of GST to be paid/received for the tender.  | Currency      | 8    |
| Qty           | Quantity tendered.   | Number (long) | 4    |
| TenderStyle   | For internal use only.   | Number (long) | 4    |
| IsFinal       | Indicates whether the amount to be paid/received is final or preliminary. 'Y' indicates 'Final' and 'P' indicates 'Preliminary'. | Text          | 1    |
| TenderDetails | Additional information used to describe the tendered commodity.  | Text          | 250  |
| DelDays       | Number of days to delivery.  | Number (long) | 4    |

### 3.86. TEPWork



The TEPWork table is for internal use.

| Index Name | Property | Number of Fields                       |
|------------|----------|--|
| PrimaryKey | Unique:  | True                                   |
|            | Fields:  | BusDate, Ascending<br>EntId, Ascending |

| Column Name | Description                      | Type      | Size |
|-------------|----------------------------------|-----------|------|
| BusDate     | The business date of the prices. | Date/Time | 8    |

|       |  |                 |   |
|-------|--|-----------------|---|
| EntId | Code that uniquely identifies a traded entity. | Number (Long)   | 4 |
| Delta | Option's Delta.                                | Number (double) | 8 |
| Vega  | Option's vega.                                 | Number (double) | 8 |

### 3.87. Trade



The Trade table contains details of trades and take-ups for the current business day.

| Index Name | Property |                    | Number of Fields |
|------------|----------|--------------------|------------------|
| EntId      | Unique:  | False              | 1                |
|            | Fields:  | EntId, Ascending   |                  |
| ExchRefKey | Unique:  | False              | 1                |
|            | Fields:  | ExchRef, Ascending |                  |
| PrimaryKey | Unique:  | True               | 1                |
|            | Fields:  | TrId, Ascending    |                  |

| Column Name | Description  | Type             | Size |
|-------------|--|------------------|------|
| TrId        | Code that uniquely identifies a trade.   | Number (Long)    | 4    |
| EntId       | Code that uniquely identifies a traded entity.   | Number (Long)    | 4    |
| MktMaker    | I = RIOT or R = RT.  | Text             | 1    |
| ExecMbrId   | A code that uniquely the participant who executed the trade.   | Number (Long)    | 4    |
| OtherMbr    | A code that uniquely identifies a participant. For a take-up, the participant that gave-up the trade, otherwise the opposite clearing participant. | Number (Long)    | 4    |
| ExchRef     | Codes assigned by an exchange to uniquely identify a trade.  | Text             | 10   |
| BuySell     | 'B'uy or 'S'ell.   | Text             | 1    |
| BuySellInd  | 1 = Buy or -1 = Sell.  | Number (Integer) | 2    |
| TrDate      | The date of trade.   | Date/Time        | 8    |
| TrPrice     | The traded price (with implied decimal places).  | Number (Long)    | 4    |
| TrPriceText | The traded price in display format.  | Text             | 10   |



|            |   |                  |    |
|------------|---|------------------|----|
| Qty        | Quantity traded.  | Number (Long)    | 4  |
| UnallocQty | Quantity unallocated.   | Number (Long)    | 4  |
| Origin     | Code that identifies the origin of the trade.   | Text             | 1  |
| Taken      | In respect of a trade given-up by another participant:<br>Y if the trade is accepted<br>N if it is not accepted.                                    | Text             | 1  |
| Comm       | For a trade given-up by another participant, the commission to be paid if the trade is taken-up.  | Currency         | 8  |
| Ref        | Sales slip number.  | Text             | 40 |
| Acc        | The account code associated with the trade, advised by an exchange.   | Text             | 10 |
| ConCodes   | Reserved for future use.  | Text             | 16 |
| NumAlloc   | The number of allocations relating to this trade.   | Number (Integer) | 2  |
| TrTime     | The date and time of the trade, as advised by the exchange.   | Date/Time        | 8  |
| RecTime    | The clearing house from the exchange received the date and times the trade.   | Date/Time        | 8  |
| Contra     | Y indicates that the trade is a contra trade input by the clearing house; otherwise N.  | Text             | 1  |
| OrigTrId   | Where applicable, uniquely identifies the trade that the record relates to (used for give-up or contra trades).                                     | Number (Long)    | 4  |
| AllocSeq   | The sequence number of the originating allocation – applicable to give-up trades only.  | Number (Integer) | 2  |
| Checked    | Yes if the trade has been checked; or else No.  | Text             | 1  |
| Trader     | Code used by an Exchange to identify the Trader that executed the trade. If the trade was executed by a RIOT/RT the code of the RIOT/RT is written. | Text             | 10 |
| GUDeletion | Yes indicates a give-up has been deleted; or else No.   | Text             | 1  |
| CompType   | Value used to identify a type of composite trade, e.g. time spread.   | Text             | 1  |
| CompParts  | Number of legs in a composite trade.  | Number (Long)    | 4  |

|              |  |               |    |
|--------------|--|---------------|----|
| TraderType   | The membership type of the trading participant e.g. Local.   | Text          | 1  |
| PriceAvgId   | Code that uniquely identifies the Price Average batch.   | Number (Long) | 4  |
| UnitContVal  | The value of one contract using the traded price.  | Currency      | 8  |
| EFP          | 'Y' = This trade is an exchange for product.<br>'N' = this trade is not an EFP<br>Initial value = 'N'.                 | Text          | 1  |
| CommBasisVal | The commission rate/percentage or amount payable by the clearing participant to whom the contracts have been given-up. | Currency      | 8  |
| CommBasis    | R- rate per lot, P- percentage of trade value, A- amount else blank  | Text          | 1  |
| TrOrderNo    | The trade order number used in the trading system.   | Text          | 17 |

### 3.88. TradedEntity



The TradedEntity table contains details of futures contract months and option series that are cleared by ASXCL.

| Index Name | Property |  | Number of Fields |
|------------|----------|--|------------------|
| EntityKey  | Unique:  | False  | 5                |
|            | Fields:  | DerivProd, Ascending<br>DelMonth, Ascending<br>OptType, Ascending<br>Strike, Ascending<br>Version, Ascending |                  |
| PrimaryKey | Unique:  | True   | 1                |
|            | Fields:  | EntId, Ascending   |                  |

| Column Name | Description   | Type          | Size |
|-------------|---|---------------|------|
| EntId       | Code that uniquely identifies a traded entity.        | Number (Long) | 4    |
| DerivProd   | Code used to identify the related derivative product. | Text          | 6    |
| DelMonth    | Delivery month of the traded entity.                  | Date/Time     | 8    |

|                |   |                  |    |
|----------------|---|------------------|----|
| OptType        | Put or Call for option products.  | Text             | 1  |
| ExpDate        | Expiry date for the traded entity.  | Date/Time        | 8  |
| Strike         | Strike price.   | Number (Long)    | 4  |
| StrikeText     | Strike price in display format.   | Text             | 10 |
| Version        | Version number of the traded entity.  | Number (Integer) | 2  |
| VersionText    | The display format of the version number of the traded entity.  | Text             | 3  |
| SecCode        | Underlying security code.   | Text             | 3  |
| UnitsPerLot    | Number of units per contract.   | Currency         | 8  |
| CashSettDate   | Date that the traded entity is cash settled.  | Date/Time        | 8  |
| EntityShortcut | Code used to commonly identify the traded entity.   | Text             | 8  |
| ExerStyle      | Exercise Style - American or European.  | Text             | 1  |
| Multiplier     | The multiplier used for contract value calculations.  | Currency         | 8  |
| TradingCeased  | Y entity is no longer traded, or else N.  | Text             | 1  |
| Spot           | Is this a spot month? Y(es) or N(o).  | Text             | 1  |
| DelStartDate   | Date that contracts can be tendered.  | Date/Time        | 8  |
| ProcCode       | A code used to indicate special processing related to an entity. Valid values are space (no special processing) and 'T' the entity has been terminated. | Text             | 1  |
| DelMonthText   | Month display string. For example, Dec12, 18Dec12.  | Char             | 10 |
| IsOTC          | Y – OTC entity<br>N – Normal listed entity  | Char             | 1  |

### 3.89. TradedEntityPrices



The TradedEntityPrices table contains details of the prices associated with the traded entities cleared by the ASXCL.

| Index Name | Property | Number of Fields                       |
|------------|----------|--|
| PrimaryKey | Unique:  | True                                   |
|            | Fields:  | BusDate, Ascending<br>EntId, Ascending |

| Column Name    | Description                                    | Type            | Size |
|----------------|--|-----------------|------|
| BusDate        | The business date of the prices.               | Date/Time       | 8    |
| EntId          | Code that uniquely identifies a traded entity. | Number (Long)   | 4    |
| Price          | Closing price (with implied decimal places).   | Number (Long)   | 4    |
| PriceText      | Closing price formatted for display.           | Text            | 10   |
| RefPrice       | Reserved for future use.                       | Number (Long)   | 4    |
| RefPriceText   | Reserved for future use.                       | Text            | 10   |
| Volatility     | Implied volatility.                            | Number (double) | 8    |
| VolatilityText | Implied volatility formatted for display.      | Text            | 10   |
| Delta          | Option's Delta.                                | Number (double) | 8    |
| Vega           | Option's vega.                                 | Number (double) | 8    |

### 3.90. TradingActivity



The TradingActivity table contains details of contracts registered in the name of the clearing participant during the past five business days.

| Index Name | Property | Number of Fields                        |
|------------|----------|---|
| PrimaryKey | Unique:  | True                                    |
|            | Fields:  | TrDate, Ascending<br>TransId, Ascending |

| Column Name | Description   | Type             | Size |
|-------------|---|------------------|------|
| TrDate      | The date of trade.  | Date/Time        | 8    |
| TransId     | Uniquely identifies a transaction.                            | Number (long)    | 4    |
| EntId       | Uniquely identifies a traded entity.                          | Number (long)    | 4    |
| AccId       | Uniquely identifies an account.                               | Number (long)    | 4    |
| OtherMbrId  | Uniquely identifies another clearing participant.             | Number (long)    | 4    |
| BuySell     | Buy or Sell.  | Text             | 1    |
| BuySellInd  | '1' if a buy transaction, '-1' if a sell transaction.         | Number (integer) | 2    |
| TrDerivProd | Code used to identify the derivative product that was traded. | Text             | 6    |

|                 |   |               |    |
|-----------------|---|---------------|----|
| TrEntDesc       | Narrative that describes the contracts that were traded.  | Text          | 40 |
| TrPrice         | The traded price (with implied decimal places).   | Number (long) | 4  |
| TrPriceText     | The traded price in display format.   | Text          | 10 |
| BFwdQty         | The number of traded contracts that were registered with the clearing participant at the start of the day.    | Number (long) | 4  |
| CurrQty         | The number of traded contracts that are currently registered with the clearing participant.                   | Number (long) | 4  |
| BFwdComm        | The amount of commission that has been paid in respect of the contracts as at the start of the day.           | Number (long) | 4  |
| CurrComm        | The current amount of commission that has been paid in respect of the contracts.                              | Number (long) | 4  |
| Taken           | Y indicates the contract was taken-up from another clearing participant; or else N.                           | Text          | 1  |
| CapAdj          | Y indicates that these contracts have been the subject of an adjustment due to a corporate action; or else N. | Text          | 1  |
| CapAdjQtyFactor | A multiplier that reflects the increase in the number of open contracts caused by a corporate action.         | Number (long) | 4  |
| UpdateCount     | For internal use.   | Number (long) | 4  |

### 3.91. TradingActivityReq



The TradingActivityReq table contains details of requests made (or in progress) for changes to be made to the registration of contracts traded during the past five business days.

| Index Name | Property | Number of Fields                        |
|------------|----------|---|
| PrimaryKey | Unique:  | True                                    |
|            | Fields:  | TransId, Ascending<br>RepSeq, Ascending |

| Column Name     | Description  | Type             | Size |
|-----------------|--|------------------|------|
| TransId         | Identifies a TradingActivity transaction.  | Number (long)    | 4    |
| ReqSeq          | Identifies a request for changing the TradingActivity details.   | Number (long)    | 4    |
| EntId           | Uniquely identifies a traded entity.   | Number (long)    | 4    |
| FromMbrId       | The code used to identify the clearing participant initiating the transfer.  | Number (long)    | 4    |
| FromAcId        | For the clearing participant initiating the transfer, this value uniquely identifies the account where the contracts are currently registered.                 | Number (long)    | 4    |
| ToMbrId         | The code used to identify the clearing participant to whom the contracts are to be transferred.  | Number (long)    | 4    |
| ToAcId          | For the clearing participant to whom the contracts are to be transferred. This value uniquely identifies the account where the contracts are to be registered. | Number (long)    | 4    |
| BuySell         | Buy or Sell.   | Text             | 1    |
| BuySellInd      | 1 if a buy transaction, '-1 if a sell transaction.   | Number (integer) | 2    |
| TrDerivProd     | Code used to identify the derivative product that was traded.  | Text             | 6    |
| TrEntDesc       | Narrative that describes the contracts that were traded.   | Text             | 40   |
| TrDate          | The date of trade  | Date/Time        | 8    |
| TrPrice         | The traded price (with implied decimal places).  | Number (long)    | 4    |
| TrPriceText     | The traded price in display format.  | Text             | 10   |
| CapAdj          | Y indicates that these contracts have been the subject of an adjustment due to a corporate action; or else N.  | Text             | 1    |
| CapAdjQtyFactor | A multiplier that reflects any increase in the number of open contracts caused by a corporate action.  | Number (long)    | 4    |
| FailedGiveUp    | Y indicates the contracts were not given-up on the day of trade; or else N.  | Text             | 1    |
| TransferQty     | The number of traded contracts that are the subject of the transfer.   | Number (long)    | 4    |

|                   |  |               |     |
|-------------------|--|---------------|-----|
| TransferComm      | The amount of commission to be credited to the clearing participant initiating the transfer.   | Currency      | 8   |
| UnitContVal       | The traded value of one contract.  | Currency      | 8   |
| UnitMktVal        | The market value of one contract, as calculated at the end of the previous business day.   | Currency      | 8   |
| UnitPremium       | The traded premium value for one contract.   | Currency      | 8   |
| UnitMTM           | The accumulative value of settlement to market postings for one contract.  | Currency      | 8   |
| CHFromMbrUnitFees | For the clearing participant initiating the transfer, the fees paid per contract.  | Currency      | 8   |
| CHToMbrUnitFees   | For the clearing participant to whom the contracts are to be transferred, the fees per contract that the clearing house usually charges.                 | Currency      | 8   |
| ToMbrUnitFees     | The fee that the clearing participant to whom the contracts are to be transferred proposes to pay.   | Currency      | 8   |
| ToStatus          | 'Y' indicates that the clearing participant to whom the contracts are to be transferred, has given agreement. 'N' indicates disagreement; otherwise "P". | Text          | 1   |
| CHStatus          | "Y" indicates that the clearing house has given agreement for the transfer; "N" indicates it has rejected the transfer request; otherwise "P".           | Text          | 1   |
| MbrInfo           | For use by the clearing participant initiating the transfer.   | Text          | 50  |
| FromMbrReason     | Justification for the transfer provided by the clearing participant initiating the transaction.  | Text          | 255 |
| CHReason          | Comments supplied by the clearing house when approving or rejecting a request.   | Text          | 255 |
| ToMbrReason       | Comments supplied by the clearing participant to who contracts are to be transferred.  | Text          | 255 |
| UpdateCount       | For internal use.  | Number (long) | 4   |

### 3.92. Transfer



The Transfer table shows details of the account to account and participant to participant transfers for the current business day.

| Index Name | Property | Number of Fields  |
|------------|----------|---|
| PrimaryKey | Unique:  | True  |
|            | Fields:  | Origin, Ascending<br>TransId, Ascending<br>LineNum, Ascending |

| Column Name | Description   | Type          | Size |
|-------------|---|---------------|------|
| Origin      | Mnemonic of originator or else CH for clearing house.   | Text          | 50   |
| TransId     | Code that uniquely identifies the transfer when considered in combination with the Origin.                    | Number (Long) | 4    |
| LineNum     | Code used to uniquely identify each position within a single transfer batch.                                  | Number (Long) | 4    |
| ToMbrId     | Code that uniquely identifies the Participant that is the transferee.   | Number (Long) | 4    |
| ToAcc       | The destination account code as entered by the transferor.  | Text          | 10   |
| ToAccIdConf | Code that uniquely identifies the account as entered by the transferee, to which the position is transferred. | Number (Long) | 4    |
| EntId       | Code that uniquely identifies a traded entity.  | Number (Long) | 4    |
| BuySell     | Buy or Sell.  | Text          | 1    |
| Qty         | Quantity transferred or to be transferred.  | Number (Long) | 4    |
| OpenClose   | Reserved for future use.  | Text          | 1    |

### 3.93. TransferBatch



The TransferBatch table contains details of the batches of transfers for account-to-account and participant-to-participant transfers for the current business day.

| Index Name | Property | Number of Fields |
|------------|----------|------------------|
|------------|----------|------------------|



|            |         |   |   |
|------------|---------|---|---|
| PrimaryKey | Unique: | True                                    | 2 |
|            | Fields: | Origin, Ascending<br>TransId, Ascending |   |

| Column Name | Description  | Type             | Size |
|-------------|--|------------------|------|
| Origin      | Mnemonic of originator or CH for the clearing house.   | Text             | 50   |
| TransId     | A number, which together with the Origin uniquely identifies the transfer.   | Number (Long)    | 4    |
| FromMbrId   | Code that uniquely identifies the transferor (source).   | Number (Long)    | 4    |
| ToMbrId     | Code that uniquely identifies the transferee (destination).  | Number (Long)    | 4    |
| FromAcId    | Code that uniquely identifies the Transferor account.  | Number (Long)    | 4    |
| FromDesc    | The source participant mnemonic/account or account depending upon whether the transfer is between different participants or within the same participant.           | Text             | 50   |
| ToDesc      | The destination participant mnemonic and/or account.   | Text             | 50   |
| Stat        | The status of the transfer:<br>0 and 1 = awaiting acceptance<br>2 = awaiting approval<br>10,11 and 19 = not accepted<br>20 and 22 = not approved<br>99 = actioned. | Number (Integer) | 2    |
| Comment     | Text comment relating to the transfer.   | Text             | 255  |
| CashVal     | Value of cash to be transferred.   | Currency         | 8    |
| Cur         | The currency code of the amount of money to be transferred.  | Text             | 3    |
| MbrInfo     | Information relating to the transfer as entered by the Participant.  | Text             | 50   |
| Amt         | The amount of money to be transferred with the position(s).  | Currency         | 8    |
| Ledger      | A code that identifies the ledger that money is held in.   | Text             | 12   |

### 3.94. TransferSupport



The TransferSupport table contains information to support the transfer request for account-to-account and participant-to-participant transfers for the current business day.

| Index Name | Properties   | Number of Fields |
|------------|--|------------------|
| PrimaryKey | Unique: True   | 3                |
|            | Fields: Origin, Ascending<br>TransId, Ascending<br>Line, Ascending |                  |

| Column Name | Description  | Type          | Size |
|-------------|--|---------------|------|
| Origin      | Mnemonic of originator or CH for the clearing house.   | Text          | 50   |
| TransId     | A number that together with the Origin uniquely identifies the transfer.                       | Number (Long) | 4    |
| Line        | Code that uniquely identifies the supporting line. Each line is comprised of up to four parts. | Number (Long) | 4    |
| SuppInfo1   | Supporting information – part 1.   | Text          | 250  |
| SuppInfo2   | Supporting information – part 2.   | Text          | 250  |
| SuppInfo3   | Supporting information – part 3.   | Text          | 250  |
| SuppInfo4   | Supporting information – part 4.   | Text          | 250  |

### 3.95. UndoMatchOutReq



The UndoMatchOutReq table contains the details of all undo matchout requests made that day.

| Index Name | Property  | Number of Fields |
|------------|---|------------------|
| PrimaryKey | Unique: True  | 3                |
|            | Fields: AccId, Ascending<br>EntId, Ascending<br>UndoId, Ascending |                  |

| Column Name | Description | Type | Size |
|-------------|-------------|------|------|
|-------------|-------------|------|------|

|               |   |              |     |
|---------------|---|--------------|-----|
| AccID         | Code that uniquely identifies an account.         | Number(Long) | 8   |
| EntID         | Code that uniquely identifies a traded entity.    | Number(Long) | 8   |
| UndoID        | Uniquely identifies an undo match out request.    | Number(Long) | 8   |
| MatchOutDate  | The date of the original match out.               | Date/Time    | 8   |
| QtyMatchedOut | The quantity that was matched out.                | Number(Long) | 8   |
| QtyReopen     | The quantity requested to be re-opened.           | Number(Long) | 8   |
| Reason        | The reason justifying the undo match out request. | Text         | 250 |
| Status        | The status of the undo match out request.         | Text         | 1   |
| CHReason      | The reason CH accepted/rejected the request.      | Text         | 250 |

### 3.96. VMDerivProdAcc



The VMDerivProdAcc table contains variation margin and other contract-related posting details by account and derivative product for the previous business day.

| Index Name | Properties         | Number of Fields   |
|------------|--------------------|--|
| PrimaryKey | Unique:<br>Fields: | 4<br>Ledger, Ascending<br>AccId, Ascending<br>DerivProd, Ascending<br>Cur, Ascending<br>PostingCode, Ascending |

| Column Name | Description   | Type          | Size |
|-------------|---|---------------|------|
| Ledger      | Code used to identify a ledger.                           | Text          | 12   |
| AccId       | Uniquely identifies each account.                         | Number (Long) | 4    |
| DerivProd   | Unique code that identifies the derivative product.       | Text          | 6    |
| Cur         | The currency of the variation margin amount.              | Text          | 3    |
| SegType     | Code that identifies the segregation type of the account. | Text          | 1    |
| Amt         | The variation margin amount.                              | Currency      | 8    |

|             |   |      |   |
|-------------|---|------|---|
| PostingCode | Posting code used to identify the particular type of posting. | Text | 6 |
|-------------|---|------|---|

### 3.97. YestAlloc



The YestAlloc table contains details of all allocations and give-ups for the previous business day.

| Index Name | Properties   | Number of Fields |
|------------|--|------------------|
| AcclIdKey  | Unique: False<br>Fields: AcclId, Ascending                     | 1                |
| MbrForKey  | Unique: False<br>Fields: MbrFor, Ascending                     | 1                |
| PrimaryKey | Unique: True<br>Fields: TrId, Ascending<br>AllocSeq, Ascending | 2                |

| Column Name  | Description   | Type          | Size |
|--------------|---|---------------|------|
| TrId         | Code used to uniquely identify a trade.   | Number (Long) | 4    |
| AllocSeq     | Code used to uniquely identify each allocation associated with a trade.   | Number (Long) | 4    |
| Qty          | Quantity allocated.   | Number (Long) | 4    |
| AcclId       | Code used to uniquely identify an account   | Number (Long) | 4    |
| OpenClose    | Reserved for future use.  | Text          | 1    |
| MbrFor       | For contracts given-up, this is the code that uniquely identifies the participant receiving the contracts; otherwise blank. | Number (Long) | 4    |
| AllocStat    | Code that identifies the status of a give-up.   | Text          | 1    |
| Comm         | The total commission amount that is expected to be received for the particular give-up.                                     | Currency      | 8    |
| CommBasisVal | The commission rate per lot, percentage of deal value or total amount expected to be received for the particular give-up.   | Currency      | 8    |
| CommBasis    | Code that identifies the commission basis.  | Text          | 1    |
| BPO          | Reserved for future use.  | Text          | 1    |

|           |   |      |     |
|-----------|---|------|-----|
| AllocRef  | Reference information entered by user.                                  | Text | 50  |
| ChargeGST | Indicates whether GST was charged to yesterday's allocation.            | Text | 1   |
| RejReason | The reason the take-up clearing participant rejected the trade give-up. | Text | 255 |

### 3.98. YestCollAct



The YestCollAct table contains details of all collateral activity (withdrawal, lodgement, expiry, etc) for the previous business day.

| Index Name       | Properties  |  | Number of Fields |
|------------------|-------------|--|------------------|
| PrimaryKey       | Primary     | True   | 6                |
|                  | Unique:     | True   |                  |
|                  | IgnoreNulls | False  |                  |
|                  | Fields:     | SegType, Ascending<br>GroupLevel, Ascending<br>AccId, Ascending<br>CoverGrp, Ascending<br>LodgeId, Ascending<br>ActId, Ascending |                  |
| YestCollActIndex | Primary     | False  | 6                |
|                  | Unique:     | True   |                  |
|                  | IgnoreNulls | False  |                  |
|                  | Fields:     | SegType<br>GroupLevel<br>AccID<br>CoverGrp<br>LodgeID<br>ActID   |                  |

| Column Name | Description  | Type          | Size |
|-------------|--|---------------|------|
| SegType     | Code that identifies the segregation type of the account.            | Text          | 1    |
| GroupLevel  | Y collateral relates to a Cover Group else N.                        | Text          | 1    |
| AccId       | Uniquely identifies an account. Where GroupLevel = Y then AccId = 0. | Number (Long) | 4    |

|             |  |               |     |
|-------------|--|---------------|-----|
| CoverGrp    | If GroupLevel = Y the name of the Cover Group, or else *#N/A#*.                          | Text          | 20  |
| LodgeId     | Uniquely identifies the lodged collateral.<br>AllowZeroLength = TRUE<br>Required = FALSE | Text          | 12  |
| ActId       | Uniquely identifies an activity associated with the lodged collateral.                   | Number (Long) | 4   |
| CollActType | Code that identifies the type of activity performed.                                     | Text          | 20  |
| CollType    | Code that identifies the type of collateral lodged.                                      | Text          | 2   |
| IssuerCode  | The code used to identify the issuer.  | Text          | 6   |
| LodgeDate   | Date that the collateral was lodged.   | Date/Time     | 8   |
| CollDetail  | Any further details used to describe the lodged collateral.                              | Text          | 50  |
| UnitCode    | Currency in which the collateral is denominated.   | Text          | 6   |
| Units       | Face value (or number of shares if specific cover).                                      | Currency      | 8   |
| ExpiryDate  | Where applicable, the date the lodged collateral ceases to have value.                   | Date/Time     | 8   |
| Holder      | For share lodgements, the name of the registered holder.                                 | Text          | 180 |
| HIN         | The holder identification number of the registered holder.                               | Text          | 10  |
| Specific    | 'Y' indicates the collateral lodgement is to be treated as specific cover, or else 'N'.  | Text          | 1   |
| Cur         | Code used to identify a currency.  | Text          | 3   |

### 3.99. YestDepHoldingActivity



The YestDepHoldingActivity table contains the details of all changes made on the previous business day to that clearing participant's commodity depository holding.

| Index Name | Property | Number of Fields  |
|------------|----------|---|
| PrimaryKey | Unique:  | True  |
|            | Fields:  | AcId, Ascending<br>DepositId, Ascending<br>ActId, Ascending |

| Column Name | Description   | Type          | Size |
|-------------|---|---------------|------|
| AcclId      | Uniquely identifies an account.                                     | Number (long) | 4    |
| DepositId   | Uniquely identifies a deposit.                                      | Text          | 20   |
| ActId       | Uniquely identifies an activity associated with the lodged deposit. | Number (long) | 4    |
| ActDesc     | Description of the activity performed.                              | Text          | 25   |
| Units       | The number of units of the commodity that are currently held.       | Number (long) | 4    |
| DelProd     | The depository product code.  | Text          | 6    |
| HeldAt      | Code for the location at which the commodity is held.               | Text          | 10   |
| CPRef       | Additional clearing participant supplied reference information.     | Text          | 250  |
| MoreDetails | Additional information relating to the holding                      | Text          | 250  |
| ActTime     | Date and time of activity.  | Date/Time     | 8    |

### 3.100. YestProd



The YestProd table contains details of underlying product parameters for the previous business day.

| Index Name | Property | Number of Fields |
|------------|----------|------------------|
| PrimaryKey | Unique:  | True             |
|            | Fields:  | Prod, Ascending  |

| Column Name | Description   | Type             | Size |
|-------------|---|------------------|------|
| Prod        | Code used to uniquely identify a product.             | Text             | 6    |
| ProdType    | Code that identifies the type of product.             | Text             | 2    |
| ProdDesc    | Description associated with a product.                | Text             | 60   |
| NumShares   | Reserved for future use.                              | Number (Long)    | 4    |
| PriceDec    | The number of decimal places in the product price.    | Number (Integer) | 2    |
| Price       | The price of the product with implied decimal places. | Number (Long)    | 4    |
| PriceText   | The product price held in text format.                | Text             | 10   |

|               |  |               |    |
|---------------|--|---------------|----|
| RefPrice      | The reference price that was used to determine whether exercise notices are automatically generated. | Number (Long) | 4  |
| RefPriceText  | The reference price in text format.  | Text          | 10 |
| LastPrice     | The later of product price and reference price.  | Number (Long) | 4  |
| LastPriceText | The last price in text format.   | Text          | 50 |

### 3.101. YestTrade



The YestTrade table contains the details of trades including take-ups for the previous business day.

| Index Name | Property |                  | Number of Fields |
|------------|----------|------------------|------------------|
| EntId      | Unique:  | False            | 1                |
|            | Fields:  | EntId, Ascending |                  |
| PrimaryKey | Unique:  | True             | 1                |
|            | Fields:  | TrId, Ascending  |                  |

| Column Name | Description   | Type             | Size |
|-------------|---|------------------|------|
| TrId        | Code that uniquely identifies a trade.  | Number (Long)    | 4    |
| EntId       | Code that uniquely identifies a traded entity.  | Number (Long)    | 4    |
| MktMaker    | I=RIOT or R=RT.   | Text             | 1    |
| ExecMbrId   | A code that uniquely identifies the participant who executed the trade.   | Number (Long)    | 4    |
| OtherMbr    | A code that uniquely identifies a participant for a take-up or the participant that gave-up the trade. Otherwise, the opposite participant. | Number (Long)    | 4    |
| ExchRef     | Codes assigned by an exchange to uniquely identify a trade.   | Text             | 10   |
| BuySell     | Buy or Sell.  | Text             | 1    |
| BuySellInd  | 1 = Buy or -1 = Sell.   | Number (Integer) | 2    |
| TrDate      | The date of trade.  | Date/Time        | 8    |
| TrPrice     | The traded price (with implied decimal places).   | Number (Long)    | 4    |
| TrPriceText | The traded price in display format.   | Text             | 10   |



|            |  |                  |    |
|------------|--|------------------|----|
| Qty        | Quantity traded.   | Number (Long)    | 4  |
| UnallocQty | Quantity unallocated.  | Number (Long)    | 4  |
| Origin     | Code that identifies the origin of the trade.  | Text             | 1  |
| Taken      | In respect of a trade given-up by another participant; if the trade is accepted then Y; if it is not accepted then N.                                | Text             | 1  |
| Comm       | For a trade given-up by another participant, the commission to be paid if the trade is taken-up.   | Currency         | 8  |
| Ref        | Value associated with the trade as advised by the exchange.  | Text             | 40 |
| Acc        | The account code associated with the trade as advised by an exchange.  | Text             | 10 |
| ConCodes   | Reserved for future use.   | Text             | 16 |
| NumAlloc   | The number of allocations relating to this trade.  | Number (Integer) | 2  |
| TrTime     | The date and time of the trade, as advised by the exchange.  | Date/Time        | 8  |
| RecTime    | The date and time the trade was received by the clearing house from the exchange.  | Date/Time        | 8  |
| Contra     | Y indicates that the trade is a contra trade input by the Clearing House; otherwise N.   | Text             | 1  |
| OrigTrId   | Where applicable, uniquely identifies the trade the record relates to (used for give-up or contra trades).   | Number (Long)    | 4  |
| AllocSeq   | The sequence number of the originating allocation - applicable to give-up trades only.   | Number (Integer) | 2  |
| Checked    | Yes if the trade has been checked; else No.  | Text             | 1  |
| Trader     | Code used by an exchange to identify the trader that executed the trade. If the trade was executed by a RIOT/RT, the code of the RIOT/RT is written. | Text             | 10 |
| GUDeletion | Yes indicates a give-up has been deleted; else No.   | Text             | 1  |
| CompType   | Value used to identify a type of composite trade e.g. Time spread.   | Text             | 1  |
| CompParts  | Number of legs in a composite trade.   | Number (Long)    | 4  |

|              |  |               |    |
|--------------|--|---------------|----|
| TraderType   | The membership type of the trading participant e.g. Local.   | Text          | 1  |
| PriceAvgId   | Code that uniquely identifies the Price Average batch.   | Number (Long) | 4  |
| UnitContVal  | The value of one contract using the traded price.  | Currency      | 8  |
| EFP          | 'Y' = this trade is an exchange for product<br>'N' = this trade is not an EFP<br>Initial value = 'N'                   | Text          | 1  |
| CommBasisVal | The commission rate/percentage or amount payable by the clearing participant to whom the contracts have been given-up. | Currency      | 8  |
| CommBasis    | R- rate per lot, P- percentage of trade value, A- amount else blank  | Text          | 1  |
| TrOrderNo    | The trade order number used in the trading system.   | Text          | 17 |

### 3.102. YestTradingActivityReq



The YestTradingActivityReq table contains details of requests made on the previous business day for changes to be made to trade registration details.

| Item Name  | Property | Number of Fields                        |
|------------|----------|---|
| PrimaryKey | Unique:  | True                                    |
|            | Fields:  | TransId, Ascending<br>RepSeq, Ascending |

| Column Name | Description  | Type          | Size |
|-------------|--|---------------|------|
| TrDate      | The date of trade  | Date/Time     | 8    |
| TransId     | Identifies a trading activity transaction.   | Number (long) | 4    |
| ReqSeq      | Identifies a request for changing the trading activity details.  | Number (long) | 4    |
| EntId       | Uniquely identifies a traded entity.   | Number (long) | 4    |
| FromMbrId   | The code used to identify the clearing participant initiating the transfer.  | Number (long) | 4    |
| FromAcId    | This value uniquely identifies the account where the contracts are currently registered for the clearing participant who initiated the transfer. | Number (long) | 4    |

|                   |  |                  |    |
|-------------------|--|------------------|----|
| ToMbrId           | The code used to identify the clearing participant to whom the contracts are to be transferred.  | Number (long)    | 4  |
| ToAcclId          | This value uniquely identifies the account where the contracts are to be registered for clearing participant who is receiving the contracts. | Number (long)    | 4  |
| BuySell           | Buy or Sell.   | Text             | 1  |
| BuySellInd        | '1' if a buy transaction, '-1' if a sell transaction.  | Number (integer) | 2  |
| TrDerivProd       | Code used to identify the derivative product that was traded.  | Text             | 6  |
| TrEntDesc         | Narrative that describes the contracts that were traded.   | Text             | 40 |
| TrPrice           | The traded price (with implied decimal places).  | Number (long)    | 4  |
| TrPriceText       | The traded price in display format.  | Text             | 10 |
| CapAdj            | Y indicates that these contracts have been the subject of a transfer due to a corporate action; or else N.                                   | Text             | 1  |
| CapAdjQtyFactor   | A multiplier that reflects any increase in the number of open contracts caused by a corporate action.  | Number (long)    | 4  |
| FailedGiveUp      | Y indicates the contracts were not given-up on the day of trade; or else N.  | Text             | 1  |
| TransferQty       | The number of traded contracts that are the subject of the transfer.   | Number (long)    | 4  |
| TransferComm      | The amount of commission to be credited to the clearing participant initiating the transfer.   | Currency         | 8  |
| UnitContVal       | The traded value of one contract.  | Currency         | 8  |
| UnitMktVal        | The market value of one contract, as calculated at the end of the previous business day.   | Currency         | 8  |
| UnitPremium       | The traded premium value for one contract.   | Currency         | 8  |
| UnitMTM           | The accumulative value of settlement to market postings for one contract.  | Currency         | 8  |
| CHFromMbrUnitFees | The fees paid per contract for the clearing participant initiating the transfer.   | Currency         | 8  |

|                 |   |               |     |
|-----------------|---|---------------|-----|
| CHToMbrUnitFees | The fees per contract that ASXCL usually charges for the participant to whom the contracts are to be transferred.   | Currency      | 8   |
| ToMbrUnitFees   | The proposed fee that the clearing participant is prepared to pay for the contract transfer.  | Currency      | 8   |
| ToStatus        | Y indicates that the participant to whom the contracts are to be transferred to has given agreement; N indicates disagreement; otherwise P indicates it is pending. | Text          | 1   |
| CHStatus        | Y indicates that the clearing house has given agreement for the transfer; N indicates it has rejected the transfer request; otherwise P.                            | Text          | 1   |
| MbrInfo         | For use by the clearing participant initiating the transfer.  | Text          | 50  |
| FromMbrReason   | Justification for the transfer provided by the clearing participant initiating the transaction.   | Text          | 255 |
| CHReason        | Comments supplied by the clearing house when approving or rejecting a request.  | Text          | 255 |
| ToMbrReason     | Comments supplied by the clearing participant to who contracts are to be transferred.   | Text          | 255 |
| UpdateCount     | For internal use.   | Number (long) | 4   |

## 4. Code Value Descriptions

The table below lists the possible code values and associated description for column names.

| Column Name | Code Values      | Description                 |
|-------------|------------------|-----------------------------|
| AccType     | C                | Consolidated account        |
|             | H                | House account               |
|             | I                | Institution account         |
|             | P                | Private account             |
|             | R                | RIOT                        |
|             | T                | RT                          |
| ActType     | AJ               | Adjustments                 |
|             | BF               | Brought Forward             |
|             | CF               | Carried Forward             |
|             | CS               | Cash Settled                |
|             | DL               | Delivered                   |
|             | MO               | Match Outs                  |
|             | NB               | New Business                |
|             | TI               | Transfer In                 |
|             | TO               | Transfer Out                |
|             | UD               | Under Delivery              |
|             | XA               | Assigned                    |
|             | XE               | Exercised                   |
|             | XL               | Expired – Long              |
|             | XS               | Expired - Short             |
|             | XT               | Position from an exercise   |
|             | SI               | Split In                    |
|             | SO               | Split Out                   |
| AllocStat   | A                | Accepted                    |
|             | R                | Rejected                    |
|             | D                | Deleted                     |
|             | W                | Waiting                     |
| Application | MCM              | Member Clearing Module      |
|             | MCMRECEIVMSGHAND | MCM Receive Message Handler |
|             | MCMREFRESH       | MCM Refresh                 |
|             | MCMSENDMSGHAND   | MCM Send Message Handler    |
|             | MCMSOD           | MCM Start Of Day            |
|             | MCMTASKMGR       | MCM Task Manager            |
|             | MCMTRANSFER      | MCM Transfer                |
| AuditAct    | D                | Delete                      |
|             | E                | Edit                        |
|             | N                | New                         |
| BCastType   | C                | Critical                    |
|             | I                | Information                 |
|             | W                | Warning                     |

|               |    |                                      |
|---------------|----|--------------------------------------|
| CollActType   | W  | Withdrawn                            |
|               | L  | Lodged                               |
|               | E  | Expired                              |
| CollType      | AC | Austraclear                          |
|               | BG | Bank Guarantee                       |
|               | S  | Shares                               |
|               | EM | ETO Margin                           |
| CommBasis     | A  | Amount                               |
|               | R  | Rate                                 |
|               | P  | Percentage                           |
| ContValType   | C  | Conventional                         |
|               | F  | Fractional                           |
| DataType      | D  | Data                                 |
|               | P  | Parameter                            |
| DerivProdType | FU | Future                               |
|               | LE | LEPO                                 |
|               | OF | Option on Future                     |
|               | OI | Option on Index                      |
|               | OS | Equity Option                        |
| ExchId        | 1  | ASXD                                 |
|               | 2  | ASXF                                 |
| FeeType       | CS | Cash Settlement                      |
|               | EX | Exercise/Assignment                  |
|               | MM | Trade Registration – Market Makers   |
|               | TA | Trade Adjustment                     |
|               | TE | Tender                               |
|               | TR | Trade Registration                   |
|               | @P | Position Adjustment                  |
|               | @U | Re-open Matchout                     |
|               | @A | Account to Account Transfers         |
|               | @M | Participant to Participant Transfers |
| GSTFeeType    | GC | Cash Settlement                      |
|               | GX | Exercise/Assignment                  |
|               | GM | Trade Registration - Market Makers   |
|               | GA | Trade Adjustment                     |
|               | GE | Tender                               |
|               | GT | Trade Registration                   |
|               | +P | Position Adjustment                  |
|               | +U | Re-open Matchout                     |
|               | +A | Account to Account Transfers         |

|               |    |  |
|---------------|----|--|
|               | +M | Participant to Participant Transfers   |
| IntSrc        | M  | Manually entered   |
| PostType      | S  | System generated   |
| IntType       | A  | Accrual amount   |
|               | P  | Posted amount  |
|               | M  | Manual adjustment  |
| IntRateType   | @T | Interest rate used by CM-TIMS  |
|               | BR | Base Rate  |
|               | CE | Cash Excess  |
|               | CM | Cash used to cover margins   |
|               | CS | Cash shortage  |
| MbrExchType   | F  | Full ASX Participant   |
|               | N  | Not an ASX Participant   |
| MbrClearTypes | G  | General Clearing Participant   |
|               | C  | Consolidated Account Scheme (CAS) user   |
|               | R  | Market Maker   |
|               | N  | Non-Clearing Participant   |
| Origin        | T  | Exchange Trade   |
|               | G  | Given-up by another participant  |
|               | A  | Trade adjustment (from the clearing house)   |
|               | X  | Trade resulting from an option exercise  |
|               | P  | Price average trade  |
| ProdType      | SI | Stock Index  |
|               | S  | Stock  |
|               | OI | Option on Index  |
|               | FU | Future   |
|               | OF | Option on Future   |
|               | OS | Equity Option  |
|               | LE | LEPO   |
| SegType       | S  | Segregated   |
|               | U  | Unsegregated   |
| SpotType      | 1  | Method 1 – taking the first calendar day of the contract month subtracts the value of spot months and adds the value of spot days. |
| ToApply       | E  | End-of-day (current business day)  |
|               | S  | Start-of-day (next business day)   |
| UnderProdType | F  | Future   |
|               | SI | Index  |

|   |       |
|---|-------|
| S | Stock |
|---|-------|

## 5. Physical Data Models

This section lists the physical data models and shows the various tables and illustrates their structures and relationships. It should be noted that in order to illustrate the relationships in a relatively clear manner, the more obvious relationships have not been shown, e.g. the joins between AccId on the Acc table and various other tables or the joins between EntityId on the TradedEntity table and various other tables.



## 5.1. General Tables



## 5.2. Margin Tables

### ProdGrp

|                |                |
|----------------|----------------|
| <u>ProdGrp</u> | <u>Text(5)</u> |
| ProdDesc       | Text(50)       |
| Offset         | Currency       |

### SPANMargComboComm

|                  |             |
|------------------|-------------|
| <u>ComboComm</u> | <u>Text</u> |
| AccId            | Long(4)     |
| PremAmt          | Double(8)   |
| ScanRiskAmt      | Double(8)   |
| IntraSpread      | Double(8)   |
| InterSpread      | Double(8)   |
| InterExchange    | Double(8)   |
| SpotCharge       | Double(8)   |
| ShortOptMin      | Double(8)   |
| MargVal          | Currency(8) |
| RepGrp           | Text(5)     |

### MargIntRate

|                |                     |
|----------------|---------------------|
| <u>Cur</u>     | <u>Text(5)</u>      |
| <u>IntDate</u> | <u>Date/Time(8)</u> |
| <u>IntRate</u> | <u>Currency(8)</u>  |

### SPANMargAcc

|               |                 |
|---------------|-----------------|
| <u>Ledger</u> | <u>Text(12)</u> |
| SegType       | Text(1)         |
| AssId         | Number(4)       |
| Cur           | Text(3)         |
| PremAmt       | Number(8)       |
| ScanRiskAmt   | Number(8)       |
| IntraSpread   | Number(8)       |
| InterSpread   | Number(8)       |
| InterExchange | Number(8)       |
| SpotCharge    | Number(8)       |
| ShortOptMin   | Number(8)       |
| MargVal       | Currency(8)     |
| MargMove      | Currency(8)     |

### SPANMargRepGrp

|               |                |
|---------------|----------------|
| <u>RepGrp</u> | <u>Text(5)</u> |
| AccId         | Long(4)        |
| Ledger        | Text(12)       |
| Cur           | Text(3)        |
| PremAmt       | Double(8)      |
| ScanRiskAmt   | Double(8)      |
| IntraSpread   | Double(8)      |
| InterSpread   | Double(8)      |
| InterExchange | Double(8)      |
| SpotCharge    | Double(8)      |
| ShortOptMin   | Double(8)      |
| MargVal       | Currency(8)    |

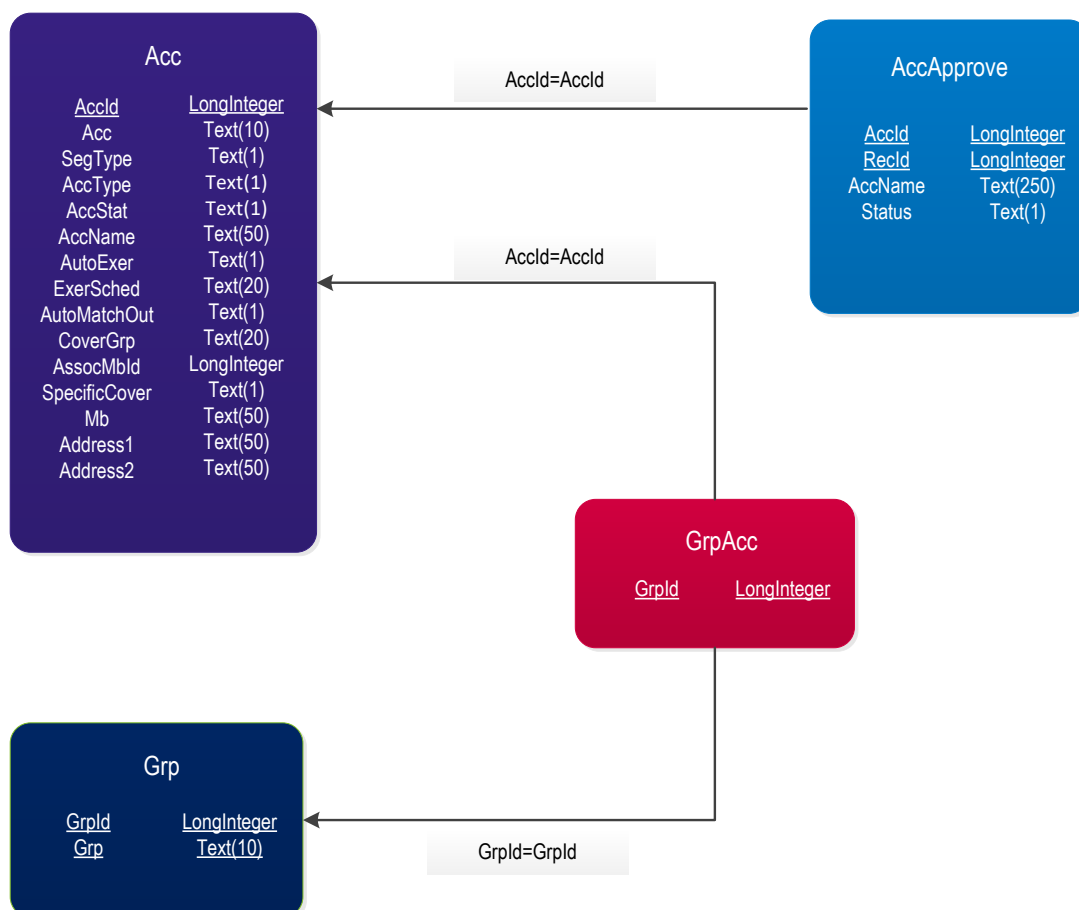
### MargSpecials

|                   |                     |
|-------------------|---------------------|
| <u>EntId</u>      | <u>Number (8)</u>   |
| <u>MargIntAmt</u> | <u>Currency (8)</u> |

### SPANMargSeg Type

|                      |                    |
|----------------------|--------------------|
| <u>Ledger</u>        | <u>Text(12)</u>    |
| <u>SegType</u>       | <u>Text(1)</u>     |
| <u>Cur</u>           | <u>Text(3)</u>     |
| <u>PremAmt</u>       | <u>Double(8)</u>   |
| <u>ScanRiskAmt</u>   | <u>Double(8)</u>   |
| <u>IntraSpread</u>   | <u>Double(8)</u>   |
| <u>InterSpread</u>   | <u>Double(8)</u>   |
| <u>InterExchange</u> | <u>Double(8)</u>   |
| <u>SpotCharge</u>    | <u>Double(8)</u>   |
| <u>ShortOptMin</u>   | <u>Double(8)</u>   |
| <u>MargVal</u>       | <u>Currency(8)</u> |
| <u>CollUtil</u>      | <u>Currency(8)</u> |
| <u>MargMove</u>      | <u>Currency(8)</u> |

### 5.3. Account Tables



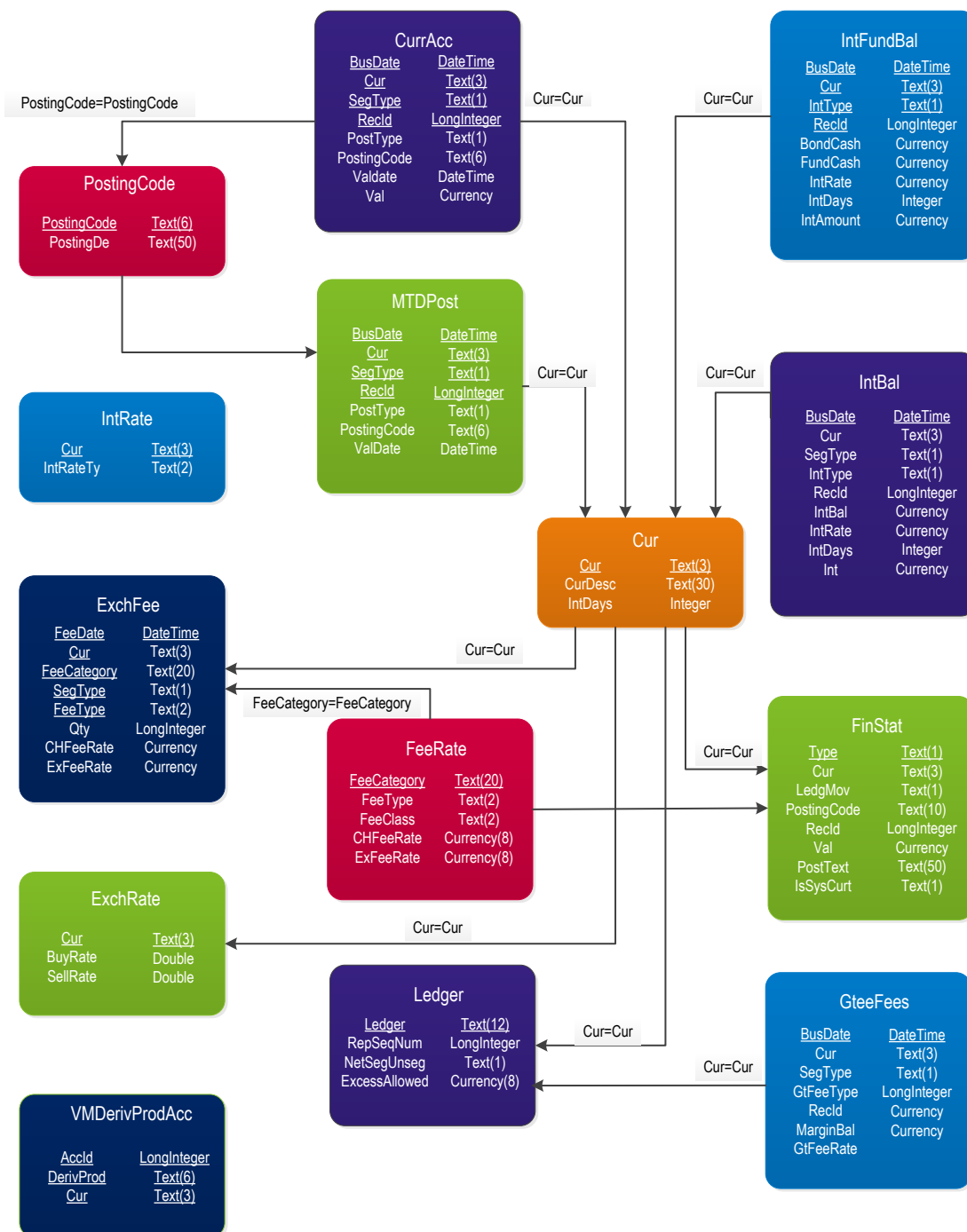
## 5.4. Position Tables



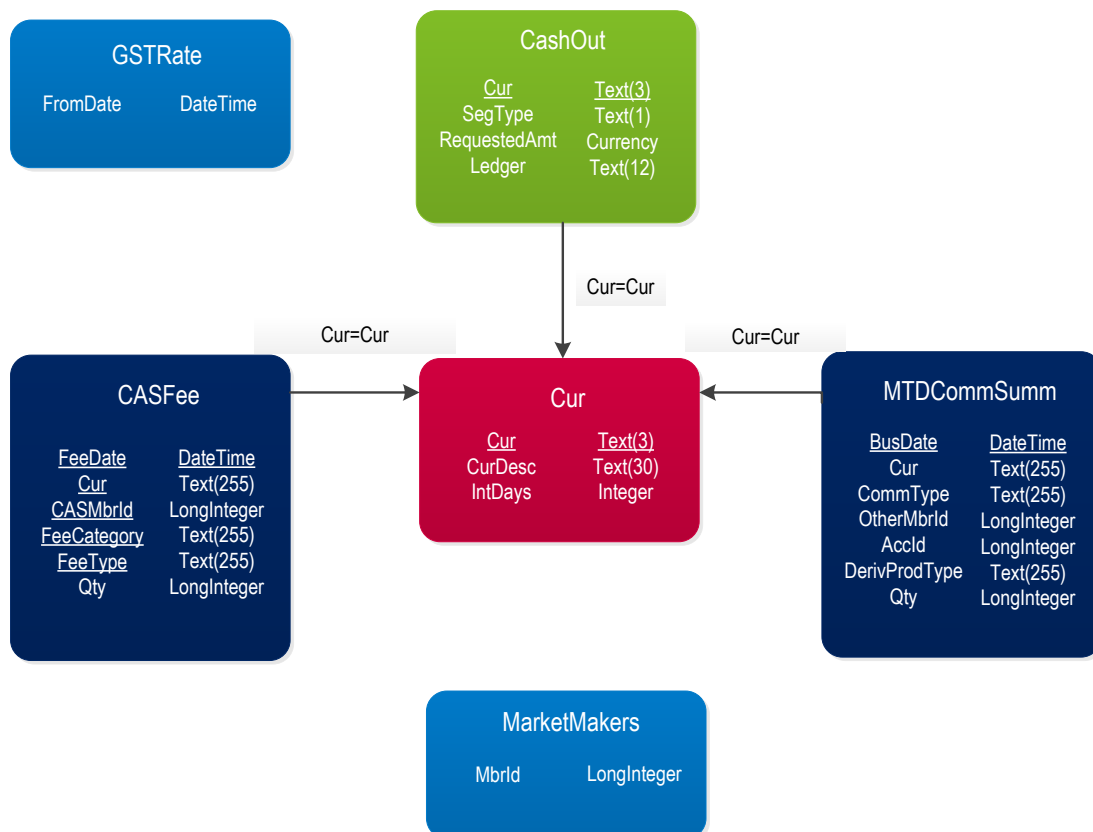
## Position Table continued



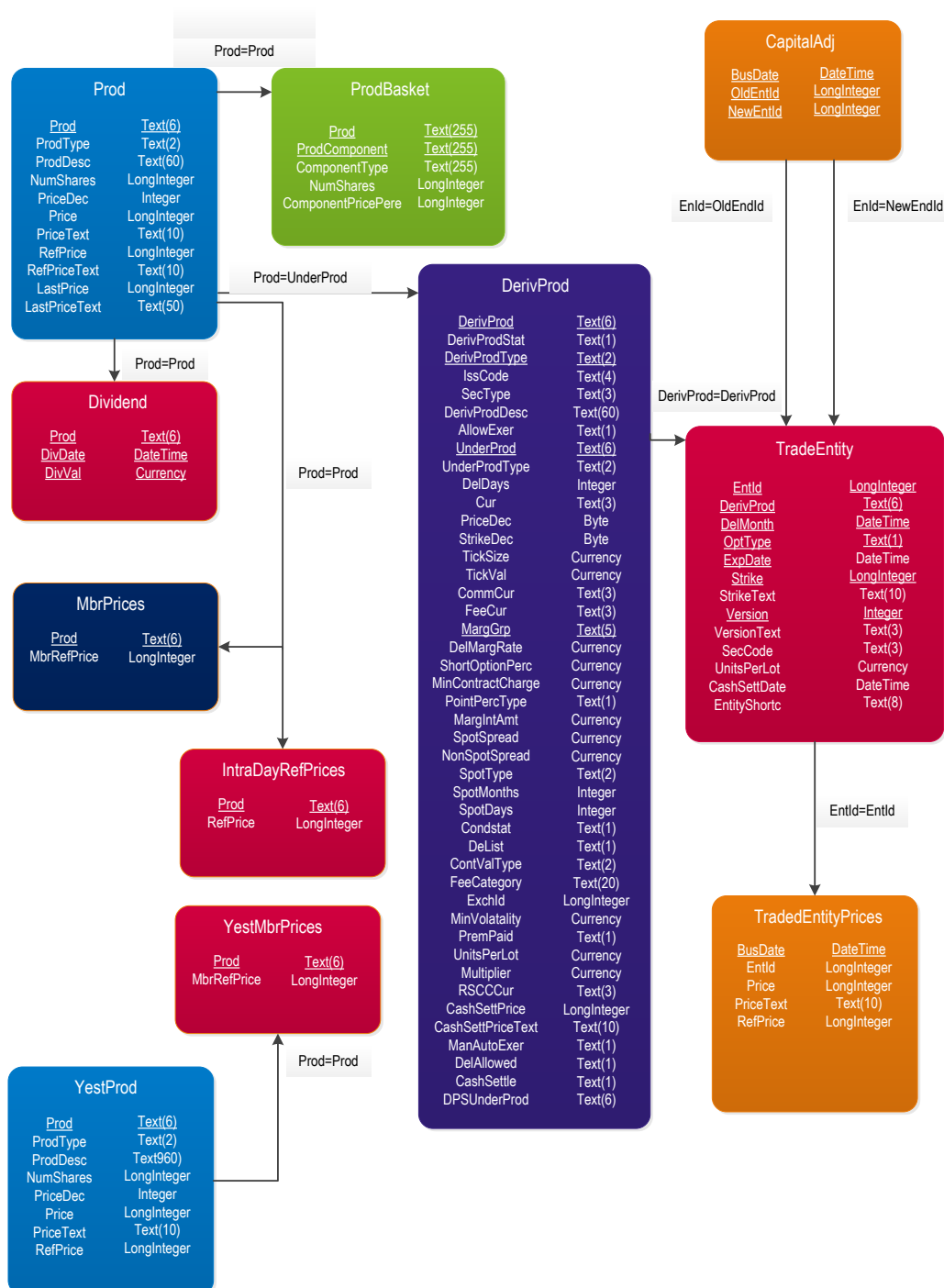
## 5.5. Financial Tables



Financial Tables continued.

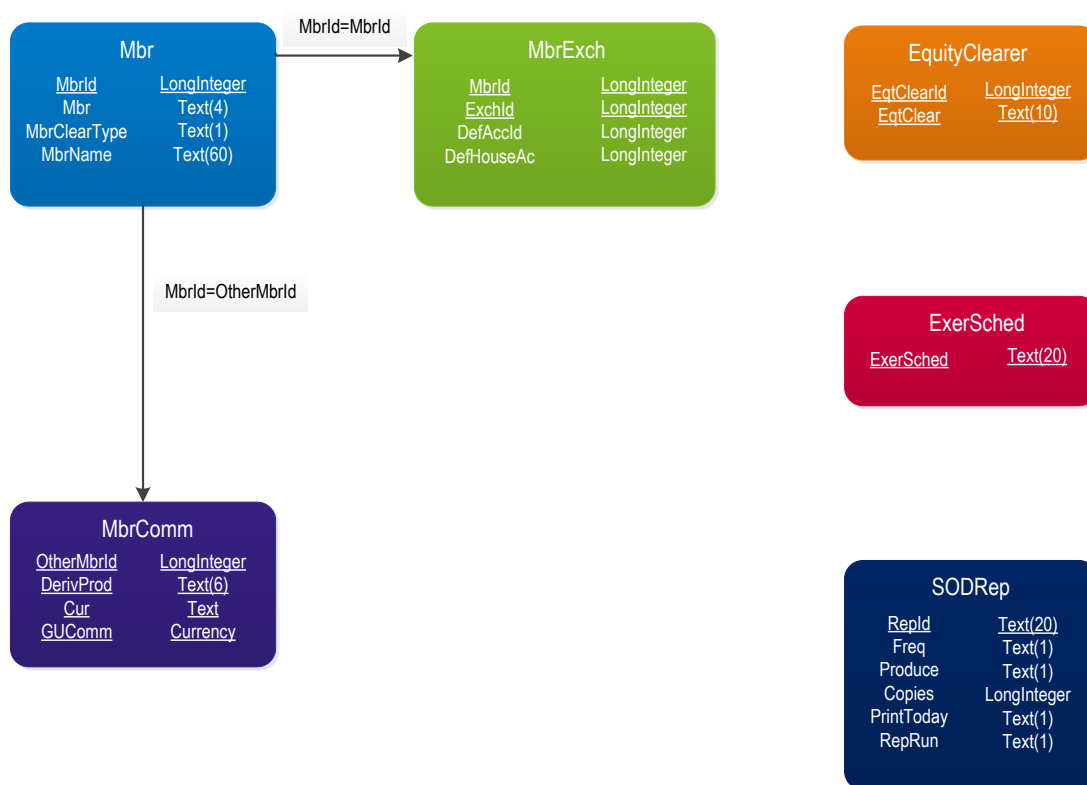


## 5.6. Parameter Tables





## Parameter Tables continued



## 6. Appendix 1 - Glossary

| Term                                   | Definition   |
|--|--|
| Derivatives Clearing System (DCS)      | The DCS is a client-server design using intelligent PC-based workstations for clearing participant access, with a local database attached to the workstation. This permits extensive local activity by the clearing participant to manage accounts and positions. DCS uses a reliable store and forward mechanism for messages between the participant and the Clearing House. |
| Extended Interface Functionality (EIF) | The EIF provides a mechanism for clearing participants and third-party vendors to interface to MCM in addition to the current API.   |