

CSOPS.FUNCTION\_MASTER \* FUNCTION\_ID VARCHAR2 (20 BYTE) FUNCTION\_DESC VARCHAR2 (20 BYTE) PF\* SCREEN\_ID VARCHAR2 (20 BYTE) CREATED\_BY VARCHAR2 (20 BYTE) CREATED\_DATE DATE FUNCTION MASTER PK (FUNCTION ID, SCREEN ID) FK\_FUNCTION\_MASTER\_SCREEN\_ID (SCREEN\_ID) FUNCTION\_MASTER\_PK (FUNCTION\_ID, SCREEN\_ID)

CSOPS.SCREEN \* SCREEN\_ID VARCHAR2 (20 BYTE) SCREEN\_NAME VARCHAR2 (20 BYTE) SCREEN\_TYPE VARCHAR2 (20 BYTE) SCREEN\_PK (SCREEN\_ID) SCREEN\_PK (SCREEN\_ID)

TRANSACTION\_CODE NUMBER (5) ACT\_TOKEN NUMBER (10) MARKET\_SEGMENT NUMBER (5) TRADE\_NUMBER NUMBER (10) TRADE\_QUANTITY NUMBER (10) TRADE\_PRICE NUMBER (10) JIFFY\_DATE\_TIME NUMBER (20) ORDER\_NUMBER NUMBER (20) ACCOUNT\_NUMBER MEMBER\_CODE\_ VARCHAR2 (5 BYTE) PARTICIPANT\_CODE CLIENT\_CODE NUMBER (5) SETTLEMENT\_NUMBER NUMBER (5) GIVEUP\_FLAG VARCHAR2 (1 BYTE) CONFIRMATION\_FLAG VARCHAR2 (1 BYTE) DEARLER\_ID NUMBER (5) BOOK\_TYPE NUMBER (1) ORDER\_TIME NUMBER (20) TM\_CLEARING\_MEMBER\_CODE VARCHAR2 (5 BYTE) CP\_CLEARING\_MEMBER\_CODE VARCHAR2 (5 BYTE)

VARCHAR2 (10 BYTE) VARCHAR2 (12 BYTE) PAN\_NUMBER VARCHAR2 (10 BYTE) EXCHANGE\_CODE NUMBER CLEARING CORPORATION ID NUMBER UNIQUE\_ID VARCHAR2 (30 BYTE) BUY\_SELL\_INDICATOR VARCHAR2 (1 BYTE) TRADE\_STATUS NUMBER (2) INSTRUMENT TYPE VARCHAR2 (6 BYTE) SYMBOL VARCHAR2 (10 BYTE) EXPIRY\_DATE DATE STRIKE\_PRICE NUMBER (7,2) OPTION\_TYPE VARCHAR2 (2 BYTE) SECURITY\_NAME VARCHAR2 (25 BYTE) BOOK\_TYPE\_NAME VARCHAR2 (3 BYTE) OPEN\_CLOSE\_FLAG VARCHAR2 (5 BYTE) COVER\_UNCOVER\_FLAG VARCHAR2 (7 BYTE) OPPOSITE\_BROKER\_ID VARCHAR2 (5 BYTE) ORDER ENTRY DATE TIME TIMESTAMP SPREAD NUMBER (1) USER\_ID NUMBER (5)

CSOPS.CREATE\_USER\_TEST \* USER\_ID VARCHAR2 (255 CHAR) CREATED\_BY VARCHAR2 (255 CHAR) CREATION\_DATE TIMESTAMP EMAIL\_ID VARCHAR2 (255 CHAR) FIRST\_NAME VARCHAR2 (255 CHAR) LAST\_NAME VARCHAR2 (255 CHAR) MEM\_ID VARCHAR2 (255 CHAR) MOBILE\_NUMBER NUMBER (19) VARCHAR2 (255 CHAR) OLD\_USER\_ID STATUS VARCHAR2 (255 CHAR) USER\_TYPE VARCHAR2 (255 CHAR) CREATE\_USER\_TEST\_PK (USER\_ID)

ACT\_TOKEN NUMBER (10) MARKET\_SEGMENT NUMBER (5) TRADE\_NUMBER NUMBER (10) TRADE\_QUANTITY NUMBER (10) TRADE\_PRICE NUMBER (10) JIFFY\_DATE\_TIME NUMBER (20) ORDER\_NUMBER NUMBER (20) ACCOUNT\_NUMBER VARCHAR2 (10 BYTE) MEMBER\_CODE\_ VARCHAR2 (5 BYTE) PARTICIPANT\_CODE VARCHAR2 (12 BYTE) CLIENT\_CODE NUMBER (5) SETTLEMENT\_NUMBER NUMBER (5) GIVEUP\_FLAG VARCHAR2 (1 BYTE) CONFIRMATION\_FLAG VARCHAR2 (1 BYTE) DEARLER\_ID NUMBER (5) BOOK\_TYPE NUMBER (1) ORDER\_TIME NUMBER (20) TM CLEARING\_MEMBER\_CODE VARCHAR2 (5 BYTE) CP\_CLEARING\_MEMBER\_CODE VARCHAR2 (5 BYTE) PAN\_NUMBER VARCHAR2 (10 BYTE) EXCHANGE\_CODE NUMBER CLEARING\_CORPORATION\_ID NUMBER BUY\_SELL\_INDICATOR VARCHAR2 (2 BYTE) TRADE\_STATUS NUMBER (2) INSTRUMENT\_TYPE VARCHAR2 (6 BYTE) SYMBOL VARCHAR2 (10 BYTE) EXPIRY DATE DATE STRIKE\_PRICE NUMBER (7,2) OPTION\_TYPE VARCHAR2 (2 BYTE) SECURITY NAME VARCHAR2 (25 BYTE) BOOK\_TYPE\_NAME VARCHAR2 (3 BYTE) USER\_ID NUMBER (5) OPEN\_CLOSE\_FLAG VARCHAR2 (5 BYTE) COVER\_UNCOVER\_FLAG VARCHAR2 (7 BYTE) OPPOSITE\_BROKER\_ID VARCHAR2 (5 BYTE) ORDER\_ENTRY\_DATE\_TIME TIMESTAMP

BOOK\_TYPE NUMBER (10) BOOK\_TYPE\_NAME VARCHAR2 (255 CHAR) BRANCH\_CODE NUMBER (10) BUY\_SELL\_FLAG NUMBER (10) BUY\_SELL\_INDICATOR VARCHAR2 (255 CHAR) BUY\_SELL\_REM VARCHAR2 (255 CHAR) CLEARING\_CORPORATION\_ID VARCHAR2 (255 CHAR) CLEARING\_MEMBER\_CODE VARCHAR2 (255 CHAR) CLIENT\_CODE NUMBER (10) CONFIRMATION\_FLAG VARCHAR2 (255 CHAR) COVER\_UNCOVER\_FLAG VARCHAR2 (255 CHAR) CP CLEARING MEMBER CODE VARCHAR2 (255 CHAR) DEAL\_NO NUMBER (10) DEARLER ID NUMBER (10) EXCHANGE\_CODE VARCHAR2 (255 CHAR) EXPIRY\_DATE TIMESTAMP GIVEUP\_FLAG VARCHAR2 (255 CHAR) INSTRUMENT\_TYPE VARCHAR2 (255 CHAR) JIFFY\_DATE\_TIME NUMBER (10) MARKET\_SEGMENT NUMBER (10) MEMBER\_CODE\_ VARCHAR2 (255 CHAR) NUMBER (10) OPEN\_CLOSE\_FLAG VARCHAR2 (255 CHAR) OPPOSITE\_BROKER\_ID VARCHAR2 (255 CHAR) OPTION\_TYPE VARCHAR2 (255 CHAR) ORDER\_ENTRY\_DATE\_TIME TIMESTAMP NUMBER (10) ORDER\_NUMBER ORDER\_TIME NUMBER (10) PAN\_NUMBER VARCHAR2 (255 CHAR) PARTICIPANT\_CODE VARCHAR2 (255 CHAR) SECURITY\_NAME VARCHAR2 (255 CHAR) SEQUENCE\_NUMBER NUMBER (10) NUMBER (10) SETTLEMENT\_NUMBER STRIKE\_PRICE NUMBER (10) SYMBOL VARCHAR2 (255 CHAR) TM\_CLEARING\_MEMBER\_CODE VARCHAR2 (255 CHAR) TRADE\_NUMBER NUMBER (10) TRADE\_PRICE NUMBER (10) TRADE\_QUANTITY NUMBER (10) TRADE\_RECEIEVD\_TIME NUMBER (10) TRADE\_STATUS NUMBER (10) TRANSACTION\_CODE NUMBER (10) TS\_SEQUENCE\_NUMBER NUMBER (10) USER ID NUMBER (10) USER TYPE VARCHAR2 (255 CHAR) FO\_TEST\_PK (UNIQUE\_ID)

CSOPS.FO\_TEST

VARCHAR2 (255 CHAR)

VARCHAR2 (255 CHAR)

NUMBER (10)

NUMBER (10)

\* UNIQUE\_ID

ACT\_TOKEN

ACT\_TYPE

ACCOUNT\_NUMBER

CSOPS.TRADE NUMBER (20) BRANCHID NUMBER (20) CTCLID NUMBER (20) TRADENUMBER NUMBER (20) TRADESTATUS NUMBER (20) SYMBOL VARCHAR2 (20 BYTE) SERIES VARCHAR2 (20 BYTE) SECURITYNAME VARCHAR2 (20 BYTE) INSTRUMENTTYPE NUMBER (20) BOOKTYPE NUMBER (20) MARKETTYPE NUMBER (20) BUYSELLINDICATOR CHAR (1 BYTE) TRADEQUANTITY NUMBER (20) TRADEPRICE NUMBER (20) NUMBER (20) PROCLI CLIENTACCOUNT VARCHAR2 (20 BYTE) AUCTIONNUMBER NUMBER (20) PARTICIPANTCODE VARCHAR2 (20 BYTE) AUCTIONPARTTYPE SETPERIOD NUMBER (20) TRADEENTRYDATE DATE DATE TRADEMODIFIEDDATE NUMBER (20) ORDERNUMBER ORDERENTRYDATE DATE CONSUMEKAFKATIME VARCHAR2 (255 CHAR) DBINSERTTIME VARCHAR2 (255 CHAR) PUBLISHTIME VARCHAR2 (255 CHAR) WEBSOCKETINSERTTIME VARCHAR2 (255 CHAR) SEQNUMBER NUMBER INSERT\_PUBLISH\_TIME NUMBER (19)

CSOPS.TRADES CAPITAL MARKET \* UNIQUE\_TRD\_ID VARCHAR2 (40 BYTE) TRD\_NUM NUMBER (16) TRD\_STATUS NUMBER (2) SECURITY\_SYMBOL VARCHAR2 (10 BYTE) SEUCIRTY\_SERIES VARCHAR2 (2 BYTE) SECURITY\_NAME VARCHAR2 (25 BYTE) SECURITY\_INSTRUMENT\_TYPE NUMBER (2) MKT\_BOOK\_TYPE NUMBER (2) MKT\_TYPE NUMBER (2) TRADING\_MEM\_CD NUMBER (5) TM\_CLEARING\_MEM\_CD VARCHAR2 (14 BYTE) CP\_CLEARING\_MEM\_CD VARCHAR2 (5 BYTE) BRANCH\_CD NUMBER (3) BUY\_SELL\_INDICATOR CHAR (1 BYTE) TRD QTY NUMBER (9) TRD\_PRICE NUMBER (7,2) PROPRIETARY\_TRD\_FLG NUMBER (1) CLIENT ACCT CD VARCHAR2 (10 BYTE) CUSTODIAL\_PARTICIPANT\_CD VARCHAR2 (12 BYTE) AUCTION\_PART\_TYPE CHAR (1 BYTE) AUCTION\_NUM NUMBER (4) SETTLEMENT\_NUM NUMBER (2) TRD\_TIME TIMESTAMP LAST\_MODIFIED\_TIME VARCHAR2 (20 BYTE) ORD\_NUM NUMBER (16) COUNTER\_PARTY\_TM\_CD VARCHAR2 (5 BYTE) ORD\_ENTRY\_DATE\_TIME TIMESTAMP CTCL\_ID NUMBER (15) EXCHANGE\_CD NUMBER CLEARING\_CORPORATION\_ID NUMBER ACT\_TOKEN VARCHAR2 (6 BYTE) INSTITUTIONAL\_TRD\_FLG VARCHAR2 (1 BYTE) BOOK\_TYPE NUMBER

VARCHAR2 (10 BYTE)

NUMBER (12)

PAN\_NUM

DEARLER\_ID

TRADES\_CAPITAL\_MARKET\_PK (UNIQUE\_TRD\_ID)

UNIQUE\_TRD\_ID VARCHAR2 (30 BYTE) BUY\_SELL\_INDICATOR NUMBER (1) ACT\_TOKEN NUMBER (10) MKT\_TYPE NUMBER (5) TRD\_STATUS NUMBER (2) TRD\_NUM NUMBER (10) TRD\_QTY NUMBER (10) TRD\_PRICE NUMBER (10) TRD\_TIME TIMESTAMP ACTVITY\_TIME VARCHAR2 (20 BYTE) LAST\_MODIFIED\_TIME VARCHAR2 (20 BYTE) ORD\_NUM NUMBER (20) CLIENT\_ACCT\_CD VARCHAR2 (10 BYTE) TRADING\_MEM\_CD VARCHAR2 (5 BYTE) TM\_CLEARING\_MEM\_CD VARCHAR2 (5 BYTE) CP\_CLEARING\_MEM\_CD VARCHAR2 (5 BYTE) COUNTER\_PARTY\_TM\_CD VARCHAR2 (5 BYTE) CUSTODIAL\_PARTICIPANT\_CD VARCHAR2 (12 BYTE) PROPRIETARY\_TRD\_FLG NUMBER (5) SETTLEMENT\_NUM NUMBER (5) DEARLER\_ID NUMBER (5) BRANCH\_CD NUMBER (5) BOOK\_TYPE NUMBER (1) BOOK\_TYPE\_NAME VARCHAR2 (3 BYTE) ORD\_ENTRY\_DATE\_TIME TIMESTAMP EXCHANGE\_CD NUMBER CLEARING\_CORPORATION\_ID NUMBER SECURITY\_INSTRUMENT\_TYPE VARCHAR2 (6 BYTE) SECURITY\_SYMBOL VARCHAR2 (10 BYTE) EXPIRY\_DATE DATE STRIKE\_PRICE NUMBER (7,2) OPTION\_TYPE VARCHAR2 (2 BYTE) SECURITY\_NAME VARCHAR2 (25 BYTE) OPEN\_CLOSE\_FLG VARCHAR2 (5 BYTE) COVER\_UNCOVER\_FLG VARCHAR2 (7 BYTE) PAN NUM VARCHAR2 (10 BYTE) TRADES\_COMMODITY\_DERIVATIVES\_PK (UNIQUE\_TRD\_ID)

CSOPS.TRADES COMMODITY DERIVATIVES

CSOPS.TRADES CURRENCY DERIVATIVES UNIQUE\_TRD\_ID VARCHAR2 (30 BYTE) BUY\_SELL\_INDICATOR NUMBER (1) ACT\_TOKEN NUMBER (10) MKT\_TYPE NUMBER (5) TRD\_STATUS NUMBER (2) TRD\_NUM NUMBER (10) TRD\_QTY NUMBER (10) TRD\_PRICE NUMBER (10) TRD\_TIME TIMESTAMP ACTVITY\_TIME VARCHAR2 (20 BYTE) LAST\_MODIFIED\_TIME VARCHAR2 (20 BYTE) ORD\_NUM NUMBER (20) CLIENT\_ACCT\_CD VARCHAR2 (10 BYTE) TRADING\_MEM\_CD VARCHAR2 (5 BYTE) TM\_CLEARING\_MEM\_CD VARCHAR2 (5 BYTE) CP\_CLEARING\_MEM\_CD VARCHAR2 (5 BYTE) COUNTER\_PARTY\_TM\_CD VARCHAR2 (5 BYTE) CUSTODIAL\_PARTICIPANT\_CD VARCHAR2 (12 BYTE) PROPRIETARY\_TRD\_FLG NUMBER (5) SETTLEMENT\_NUM NUMBER (5) DEARLER\_ID NUMBER (5) BRANCH\_CD NUMBER (5) BOOK\_TYPE NUMBER (1) BOOK\_TYPE\_NAME VARCHAR2 (3 BYTE) ORD\_ENTRY\_DATE\_TIME TIMESTAMP EXCHANGE\_CD NUMBER CLEARING\_CORPORATION\_ID NUMBER SECURITY\_INSTRUMENT\_TYPE VARCHAR2 (6 BYTE) SECURITY\_SYMBOL VARCHAR2 (10 BYTE) EXPIRY\_DATE DATE STRIKE\_PRICE NUMBER (7,2) OPTION\_TYPE VARCHAR2 (2 BYTE) SECURITY\_NAME VARCHAR2 (25 BYTE) OPEN\_CLOSE\_FLG VARCHAR2 (5 BYTE) COVER\_UNCOVER\_FLG VARCHAR2 (7 BYTE) PAN\_NUM VARCHAR2 (10 BYTE) TRADES\_CURRENCY\_DERIVATIVES\_PK (UNIQUE\_TRD\_ID)

**CSOPS.TRADES FUTURES OPTIONS** \* UNIQUE\_TRD\_ID VARCHAR2 (30 BYTE) BUY\_SELL\_INDICATOR NUMBER (1) ACT\_TOKEN NUMBER (10) MKT\_TYPE NUMBER (5) TRD\_STATUS NUMBER (2) TRD\_NUM NUMBER (10) TRD\_QTY NUMBER (10) TRD\_PRICE NUMBER (10) TRD\_TIME TIMESTAMP ACTVITY\_TIME VARCHAR2 (20 BYTE) LAST\_MODIFIED\_TIME VARCHAR2 (20 BYTE) ORD\_NUM NUMBER (20) CLIENT\_ACCT\_CD VARCHAR2 (10 BYTE) TRADING\_MEM\_CD VARCHAR2 (5 BYTE) TM\_CLEARING\_MEM\_CD VARCHAR2 (5 BYTE) CP\_CLEARING\_MEM\_CD VARCHAR2 (5 BYTE) COUNTER\_PARTY\_TM\_CD VARCHAR2 (5 BYTE) CUSTODIAL\_PARTICIPANT\_CD VARCHAR2 (12 BYTE) PROPRIETARY\_TRD\_FLG NUMBER (5) SETTLEMENT\_NUM NUMBER (5) DEARLER\_ID NUMBER (5) BRANCH\_CD NUMBER (5) BOOK\_TYPE NUMBER (1) BOOK\_TYPE\_NAME VARCHAR2 (3 BYTE) ORD\_ENTRY\_DATE\_TIME TIMESTAMP EXCHANGE\_CD NUMBER CLEARING\_CORPORATION\_ID NUMBER SECURITY\_INSTRUMENT\_TYPE VARCHAR2 (6 BYTE) SECURITY\_SYMBOL VARCHAR2 (10 BYTE) EXPIRY\_DATE STRIKE\_PRICE NUMBER (7,2) OPTION\_TYPE VARCHAR2 (2 BYTE) SECURITY\_NAME VARCHAR2 (25 BYTE) OPEN\_CLOSE\_FLG VARCHAR2 (5 BYTE) COVER\_UNCOVER\_FLG VARCHAR2 (7 BYTE) PAN NUM VARCHAR2 (10 BYTE) TRADES\_FUTURES\_OPTIONS\_PK (UNIQUE\_TRD\_ID)

CSOPS.TRADES SECURITY LEND BORROW UNIQUE\_TRD\_ID VARCHAR2 (40 BYTE) TRD\_STATUS NUMBER (2) SECURITY\_SYMBOL VARCHAR2 (10 BYTE) SEUCIRTY\_SERIES VARCHAR2 (2 BYTE) MARKET\_TYPE VARCHAR2 (1 BYTE) TRADING\_MEM\_CD VARCHAR2 (5 BYTE) TM\_CLEARING\_MEM\_CD VARCHAR2 (5 BYTE) CP\_CLEARING\_MEM\_CD VARCHAR2 (5 BYTE) BRANCH\_CD NUMBER (3) BUY\_SELL\_INDICATOR NUMBER (1) TRD\_QTY NUMBER (9) TRD\_PRICE **NUMBER (9,2)** CLIENT\_ACCT\_CD VARCHAR2 (20 BYTE) CUSTODIAL\_PARTICIPANT\_CD VARCHAR2 (12 BYTE) AUCTION\_NUM NUMBER (6) TRD\_TIME DATE LAST\_MODIFIED\_TIME DATE ORD\_NUM NUMBER (16) COUNTER\_PARTY\_TM\_CD VARCHAR2 (5 BYTE) EXCHANGE\_CD NUMBER CLEARING\_CORPORATION\_ID NUMBER INSTITUTIONAL\_TRD\_FLG VARCHAR2 (1 BYTE) DEARLER\_ID NUMBER (12) TS\_SEQUENCE\_NUMBER NUMBER (10) TRADES\_SECURITY\_LEND\_BORROW\_PK (UNIQUE\_TRD\_ID)