

**NATIONAL COMMODITY & DERIVATIVES EXCHANGE LIMITED**

Circular to all members of the Exchange

Circular No.: NCDEX/TRADING-034 /2024

Date : July 16, 2024

Subject : Consolidated File format for Trading Members of the Exchange

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This is with reference to the Exchange Circular No. NCDEX/TRADING-028/2023 dated June 30, 2023 on Consolidated File format for Trading Members of the Exchange.

The file formats for Reports are consolidated at one place and made available to the members in this Circular.

The various reports are classified under the following categories:

**A. Masters**

**B. Trades**

**C. Client Level Positions**

All Members, clients and market participants are requested to take note of the same.

For and on behalf of

**National Commodity & Derivatives Exchange Limited**

Jigar Bhatia

Senior Vice President

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For further information / clarifications, please contact

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## CONSOLIDATED LIST OF REPORTS

### A. MASTERS

Sr. No.	File name	File Name Details
1	PROV_FOBHAV	Futures and Options Provisional Bhav Copy
2	FINAL_FOBHAV	Futures and Options Final Bhav Copy
3	BhavCopy_NCD_CO_0_0_0_YY YYMMDD_P_0000.csv	UDiFF- Futures and Options Provisional Bhav Copy
4	BhavCopy_NCD_CO_0_0_0_YY YYMMDD_F_0000.csv	UDiFF-Futures and Options Final Bhav Copy
5	MD	MD File
6	GEN RPT	General Report
7	NCDEX_CONTRACT	Contract File for Futures & Option
8	NCDEX_CONTRACT_NEW	Contract File for Futures & Option with Token Number
9	NCDEX_CONTRACT_NEW_CO MMON	Contract File for Futures & Option with Token Number (Standardized format with the ISO tags)
10	NCDEX_SPREADCONTRACT	Spread contract file

### B. TRADES

Sr. No.	File name	File Name Details
1.	TRADEDDMMYYYYY.TXT	Online Trade Data file
2.	TRADE LOG_DDMMYYYY	End-Of-Day Trade Log File
3.	ORDER LOG_DDMMYYYY	End-Of-Day Order Log File
4.	OPEN ORDER LOG DDMMYYYY	End-Of-Day Open Order Log File
5.	Trade_NCD_CO_TM_<TMID>_YY YYMMDD_F_0000.csv	End-Of-Day Trade file (UDiFF format with the ISO tags)

### C. CLIENT LEVEL POSITIONS

Sr. No.	File name	File Name Details
1	CLIPS - UCI PAN LEVEL	Client position at Exchange - UCI PAN level
2	CLIPS - CLUB CLIENT LEVEL	Client position at Exchange - Club Client Level

## A. MASTERS

### 1. Futures and Options Provisional Bhav Copy (PROV\_FOBHAV)

- Naming Convention: FO\_DDMMYY\_PROVISIONAL
- File contains trade information up to 5 pm for all active Future and Option contracts.
- The File Structure for the same is given below:

Sr. No.	Column Name	Data Type	Remarks
1	INSTRUMENT_TYPE	Char (6)	FUTCOM – Futures on Commodity OPTFUT – Options on Futures FUTIDX – Futures on Index
2	SYMBOL	Char (10)	Contract Descriptor
3	EXPIRY_DATE	Char (9)	DD-MMM-YYYY format
4	UNDERLYING_COMM ODITY	Char (30)	Contract Descriptor
5	STRIKE_PRICE	Number (15,2)	0 - Futures Contract Strike Price of Options Contract
6	OPTION_TYPE	Char (2)	'XX' - FUTCOM/FUTIDX Instrument CE - Call European Option PE - Put European Option
7	EX_BASISDELIVERY_ CENTRE	Char (30)	Basis delivery Centre
8	PRICE_UNIT	Char (10)	Price unit of the contract
9	OPEN_PRICE	Number (15,2)	Open price of the contract on application date
10	HIGH_PRICE	Number (15,2)	High price of the contract on application date
11	LOW_PRICE	Number (15,2)	Low price of the contract on application date
12	CLOSING_PRICE	Number (15,2)	Close price of the contract on application date
13	TRADE_QUANTITY	Number (15,0)	Total quantity traded in the contract on application date
14	MEASURE_UNIT	Char (10)	Unit of measurement for the contract
15	NO_OF_TRADES	Number (6,0)	Total number of trades in the contract on application date
16	TRADE_VALUE (IN LACS)	Number (17,2)	Total traded value in lacs of the contract on application date
17	OPEN_INTEREST(IN QUANTITY)	Number (9,0)	Open Interest in the contract on application date
18	LAST_TRD_DATE	Char (9)	Last trade date in DD-MMM-YYYY/ NOTRADE

## 2. Futures and Options Final Bhav Copy (FINAL\_FOBHAV)

- Naming Convention: FO\_DDMMYY\_FINAL
- File contains end of day trade information for all active Future and Option contracts
- The file structure for the same is given below:

Sr. No.	Column Name	Data Type	Remarks
1	Instrument Type	Char (6)	FUTCOM – Futures on Commodity OPTFUT – Options on Futures FUTIDX – Futures on Index
2	Symbol	Char (10)	Contract Descriptor
3	Expiry Date	Char (9)	DD-MMM-YYYY format
4	Underlying Commodity	Char (30)	Contract Descriptor
5	Strike Price	Number (15,2)	0- Futures Contract Strike Price of Options Contract
6	Option Type	Char (2)	'XX' - FUTCOM/ FUTIDX Instrument CE - Call European Option PE - Put European Option
7	Ex-Basis Delivery Centre	Char (30)	Basis delivery Centre
8	Price Unit	Char (10)	Price unit of the contract
9	Opening Price	Number (15,2)	Open price of the contract on application date
10	High Price	Number (15,2)	High price of the contract on application date
11	Low Price	Number (15,2)	Low price of the contract on application date
12	Closing Price	Number (15,2)	Close price of the contract on application date
13	Quantity Traded Today	Number (15,0)	Total quantity traded of the contract on application date
14	Measure	Char (10)	Unit of measurement for the contract
15	No of Trades	Number (6,0)	Total number of trades in the contract on application date
16	Traded Value in Lacs	Number (17,2)	Total traded value in lacs for the contract on application date
17	Open Interest	Number (9,0)	Open Interest in the contract on application date
18	Last Traded Date	Char (9)	Last trade date in DD-MMM-YYYY/ NOTRADE

### 3. Futures and Options Provisional Bhav Copy (UDIIF Format with the ISO tags)

- Naming Convention: BhavCopy\_NCD\_CO\_0\_0\_0\_YYYYMMDD\_P\_0000.csv
- File contains end of day trade information for all active Future and Option contracts
- The File Structure for the same is given below:

Sr. No	Column Name	Headers (ISO Tags)	Data Type	Remarks
1	Trade Date	TradDt	Varchar (10)	Trade Date Format (YYYY-MM-DD)
2	Business Date	BizDt	Varchar (10)	Format (YYYY-MM-DD)
3	Segment Indicator	Sgmt	Varchar (5)	CO - Commodity
4	Source	Src	Varchar (10)	NCD - NCDEX
5	Instrument Type	FinInstrmTp	Varchar (5)	Possible values: COM - For Commodity COF - Futures Commodity COO - Options Commodity FUO - Options on Futures IDF - Index Futures
6	Unique Instrument Identifier Of Trading Exchange	FinInstrmId	NUMERIC(10)	Token number
7	Instrument ISIN	ISIN	VarChar (12)	Blank
8	Instrument Symbol or Scrip Code	TckrSymb	Varchar(12)	Contract Descriptor. Eg - CASTOROIL
9	Instrument Series	SctySrs	Varchar(4)	Blank
10	Instrument Original Expiry Date	XpryDt	Varchar (10) Format (YYYY-MM-DD)	Instrument Original Expiry Date Format (YYYY-MM-DD)
11	Instrument Actual Expiry Date	FininstrmActlXpryDt	Varchar (10) Format (YYYY-MM-DD)	Same as Instrument Original Expiry Date. Only when there is a change in expiry date, the revised expiry date shall be populated in Instrument Actual Expiry Date. Format (YYYY-MM-DD)
12	Instrument Strike Price	StrkPric	NUMERIC(25,6)	Blank - For Futures Contract Strike Price for Options contract Sample values - 19500.25
13	Instrument Option Type	OptnTp	varchar(2)	Blank - For Futures Contract CE - Call European PE - Put European
14	Instrument Name	FinInstrmNm	VarChar(50)	Contract descriptor Eg - CASTOROIL19APR2024
15	Open	OpnPric	NUMERIC(25,6)	Opening Price of the contract Sample values - 19500.25
16	High	HghPric	NUMERIC(25,6)	High Price for the Day Sample values - 19500.25

Sr. No	Column Name	Headers (ISO Tags)	Data Type	Remarks
17	Low	LwPric	NUMERIC(25,6)	Low Price for the Day Sample values - 19500.25
18	Close	ClsPric	NUMERIC(25,6)	Closing Price for the Day Sample values - 19500.25
19	LTP	LastPric	NUMERIC(25,6)	Last Traded Price for the Day Sample values - 19500.25
20	Previous Close	PrvsClsgPric	NUMERIC(25,6)	Previous Day's Closing Price Sample values - 19500.25
21	Underlying Asset price	UndrlygPric	NUMERIC(25,6)	For commodity Futures, it will be last available polled prices. For commodity Options, it will be Underlying close price. Sample values - 19500.25
22	Settlement Price	SttlmPric	NUMERIC(25,6)	Daily settlement price used for mark to market / Final Settlement Price on Instrument Actual Expiry Date. Closing price on all days and FSP on expiry date. Sample values - 19500.25
23	Open Interest	OpnIntrst	Numeric(25)	Open Interest Sample values - 20000/25167
24	Change in Open Interest	ChnglnOpnIntrst	Numeric(25)	Change in Open Interest Sample values - 20000 /25167 / -10000
25	Total Traded Qty	TtTradgVol	Numeric(25)	Total traded quantity
26	Total Traded Value	TtTrfVal	NUMERIC(25,6)	Total traded value Sample values - 19500.25
27	Total Number of Trades	TtNbOfTxExctd	Numeric(25)	Total number of trades
28	Session Id	Ssnld	varchar (2)	Provisional (Interim) Bhavcopy of Session 1 - 'I1' Final Bhavcopy of Session 1 - 'F1'
29	Market Lot Size	NewBrdLotQty	Numeric(12)	Lot Size
30	Remarks	Rmks	VARCHAR(150)	Remarks
31	Reserved field	Rsvd1	Varchar(50)	Blank - Reserved field
32	Reserved field	Rsvd2	Varchar(50)	Blank - Reserved field
33	Reserved field	Rsvd3	Varchar(50)	Blank - Reserved field
34	Reserved field	Rsvd4	Varchar(50)	Blank - Reserved field

#### 4. Futures and Options Final Bhav Copy (UDiFF Format with the ISO tags)

- Naming Convention: BhavCopy\_NCD\_CO\_0\_0\_0\_YYYYMMDD\_F\_0000.csv
- File contains end of day trade information for all active Future and Option contracts
- The file structure for the same is given below:

Sr. No	Column Name	Headers (ISO Tags)	Data Type	Remarks
1	Trade Date	TradDt	Varchar (10)	Trade Date Format (YYYY-MM-DD)
2	Business Date	BizDt	Varchar (10)	Format (YYYY-MM-DD)
3	Segment Indicator	Sgmt	Varchar (5)	CO - Commodity
4	Source	Src	Varchar (10)	NCD – NCDEX
5	Instrument Type	FinInstrmTp	Varchar (5)	Possible values: COM - For Commodity COF - Futures Commodity COO - Options Commodity FUO - Options on Futures IDF - Index Futures
6	Unique Instrument Identifier Of Trading Exchange	FinInstrmId	NUMERIC(10)	Token number
7	Instrument ISIN	ISIN	VarChar (12)	Blank
8	Instrument Symbol or Scrip Code	TckrSymb	Varchar(12)	Contract Descriptor. Eg - CASTOROIL
9	Instrument Series	SctySrs	Varchar(4)	Blank
10	Instrument Original Expiry Date	XpryDt	Varchar (10) Format (YYYY-MM-DD)	Instrument Original Expiry Date Format (YYYY-MM-DD)
11	Instrument Actual Expiry Date	FininstrmActlXpryDt	Varchar (10) Format (YYYY-MM-DD)	Same as Instrument Original Expiry Date. Only when there is a change in expiry date, the revised expiry date shall be populated in Instrument Actual Expiry Date. Format (YYYY-MM-DD)
12	Instrument Strike Price	StrkPric	NUMERIC(25,6)	Blank - For Futures Contract Strike Price for Options contract Sample values - 19500.25
13	Instrument Option Type	OptnTp	varchar(2)	Blank - For Futures Contract CE - Call European PE - Put European
14	Instrument Name	FinInstrmNm	VarChar(50)	Contract descriptor Eg - CASTOROIL19APR2024
15	Open	OpnPric	NUMERIC(25,6)	Opening Price of the contract Sample values - 19500.25



Sr. No	Column Name	Headers (ISO Tags)	Data Type	Remarks
16	High	HghPric	NUMERIC(25,6)	High Price for the Day Sample values - 19500.25
17	Low	LwPric	NUMERIC(25,6)	Low Price for the Day Sample values - 19500.25
18	Close	ClsPric	NUMERIC(25,6)	Closing Price for the Day Sample values - 19500.25
19	LTP	LastPric	NUMERIC(25,6)	Last Traded Price for the Day Sample values - 19500.25
20	Previous Close	PrvsClsgPric	NUMERIC(25,6)	Previous Day's Closing Price Sample values - 19500.25
21	Underlying Asset price	UndrlygPric	NUMERIC(25,6)	For commodity Futures, it will be last available polled prices. For commodity Options, it will be Underlying close price. Sample values - 19500.25
22	Settlement Price	SttlmPric	NUMERIC(25,6)	Daily settlement price used for mark to market / Final Settlement Price on Instrument Actual Expiry Date. Closing price on all days and FSP on expiry date. Sample values - 19500.25
23	Open Interest	OpnIntrst	Numeric(25)	Open Interest Sample values - 20000/25167
24	Change in Open Interest	ChngInOpnIntrst	Numeric(25)	Change in Open Interest Sample values - 20000 /25167 / -10000
25	Total Traded Qty	TtlTradgVol	Numeric(25)	Total traded quantity
26	Total Traded Value	TtlTrfVal	NUMERIC(25,6)	Total traded value Sample values - 19500.25
27	Total Number of Trades	TtlNbOfTxsExctd	Numeric(25)	Total number of trades
28	Session Id	Ssnld	varchar (2)	Provisional (Interim) Bhavcopy of Session 1 - 'I1' Final Bhavcopy of Session 1 - 'F1'
29	Market Lot Size	NewBrdLotQty	Numeric(12)	Lot Size
30	Remarks	Rmks	VARCHAR (150)	Remarks
31	Reserved field	Rsvd1	Varchar(50)	Blank - Reserved field
32	Reserved field	Rsvd2	Varchar(50)	Blank - Reserved field
33	Reserved field	Rsvd3	Varchar(50)	Blank - Reserved field
34	Reserved field	Rsvd4	Varchar(50)	Blank - Reserved field

## 5. MD File

- Naming Convention: ddmmyyyy.md
- File contains information about all the futures & active options strikes that are available on exchange on a particular day
- This file will be generated after close of trading hours and contains data from Start of market hours till EOD
- The File Structure for the same is given below:

Sr. No.	Column Name	Data Type	Remarks
1	mkt_type	Char (7)	NORMAL
2	instrument_name	Char (7)	FUTCOM – Futures on Commodity OPTFUT – Options on Futures FUTIDX - Futures on Index
3	symbol	Char (11)	Contract Descriptor
4	expiry date	Char (25)	DD MON YYYY format
5	strike_price1	Char (11)	Blank - Futures Contract Strike Price of Options Contract
6	option type	Char (3)	Blank - FUTCOM/FUTIDX Instrument CE - Call European Option PE - Put European Option
7	prev_close_price1	Char (14)	Close price of the contract on previous trading day
8	open_price1	Char (10)	Open price of the contract on application date
9	high_price1	Char (10)	High price of the contract on application date
10	low_price1	Char (10)	Low price of the contract on application date
11	closing_price1	Char (10)	Final Close price of the contract on application date
12	qty_traded_today	Char (10)	Total quantity traded in the contract on application date
13	total_traded_value	Char (18)	Total traded value in lacs of the contract on application date
14	open_interest	Char (9)	Open Interest in the contract on application date
15	chg_open_interest	Char (9)	Change in Open Interest of the contract from previous trading day
16	last_trd_date	Char (35)	Last trade date in DDMMYYYY/ NO TRADE

## 6. General Report (GEN RPT)

- Naming Convention: gen\_rpt\_mkt\_watch.dat
- File contains information about all the futures & active options strikes that are available on exchange on a particular day
- This file will be generated after close of trading hours and contains data from Start of market hours till EOD
- The File Structure for the same is given below:

Sr. No.	Column Name	Data Type	Remarks
1	MARKET	Char (7)	NORMAL
2	INSTR	Char (7)	FUTCOM – Futures on Commodity OPTFUT – Options on Futures FUTIDX - Futures on Index
3	SYMBOL	Char (11)	Contract Descriptor
4	CONTRACT_NAME	Char (25)	Contract Descriptor
5	EXPIRY_DATE	Char (11)	DDMonYYYY format
6	STRIKE_PRI	Char (11)	Blank for Futures Contract Strike Price of Options Contract
7	OPT	Char (3)	Blank- FUTCOM/FUTIDX Instrument CE - Call European Option PE - Put European Option
8	PRICE_UNIT	Char (10)	Price Unit of the Contract
9	PRE_CLO_PRI	Char (14)	Close price of the contract on previous trading day.
10	OPEN_PRI	Char (10)	Open price of the contract on application date
11	HIGH_PRI	Char (10)	High price of the contract on application date
12	LOW_PRI	Char (10)	Low price of the contract on application date
13	CLOS_PRI	Char (10)	Final Close price of the contract on application date
14	QTY_TRA_TO	Char (10)	Total quantity traded in the contract on application date
15	QTY_UNIT	Char (10)	Unit of measurement for the contract
16	T_TRA_VAL	Char (18)	Total traded value in lacs of the contract on application date
17	OPEN_INT	Char (9)	Open Interest in the contract on application date
18	CHG_OP_IN	Char (9)	Difference in Open Interest of the contract from previous trading day
19	NUM_OF_TRD	Char (10)	Total number of trades in the contract during the day
20	LAST_TRD_DATE	Char (16)	Last Trade Date in DDMMYYYY/ NO TRADE

## 7. Contract File

- Naming Convention: ncdex\_contract.txt
- Contract file for Futures and Options.
- File Structure is given below:

Sr. No.	Column Name	Data Type	Remarks
1	Instrument ID	Char (255)	COMDTY - SYMBOL e.g. – BARLEYJPR  FUTURES - SYMBOLDDMMYYYY e.g. – BARLEYJPR20AUG2019  OPTIONS ON FUTURES- SYMBOLddmmyyPE/CEstrikepriceS/Fmmyy e.g. - BARLEYJPRR25APR19PE2900FMAY19  INDEX – SYMBOLDDMMYYYY e.g. – INDEXSYMBOL20AUG2019
2	Asset Token	Char (255)	COMDTY is 0 'Underlying Commodity' for 'Futures on Commodity' 'Underlying Future' for 'Options on Futures' 'Underlying Index' for 'Futures on Index'
3	Instrument Name	Char (6)	COMDTY – Underlying commodity FUTCOM – Futures on Commodity OPTFUT – Options on Futures FUTIDX - Futures on Index
4	Symbol	Char (10)	Contract Descriptor
5	Series	Char (2)	Default is XX
6	BLANK		
7	Expiry Date	Char (10)	ExpiryDate
8	Strike Price	Char (10)	For futures, default is -1 For Options, actual strike Price
9	Option Type	Char (2)	XX - FUTCOM/FUTIDX Instrument XX - COMMODITY CE - Call European Option PE - Put European Option
10	BLANK		
11	CA Level	Char (5)	Default is 0
12	BLANK		
13	Admission Type	Char (5)	Default is 0

Sr. No.	Column Name	Data Type	Remarks
14	Rate	Char (5)	Default is 0
15	Trading Status-1	Char (5)	Default is 1
16	Eligibility-1	Char (1)	COMDTY is 0 FUTCOM / OPTFUT / FUTIDX is 1
17	BLANK		
18	Trading Status-2	Char (5)	Default is 2
19	Eligibility-2	Char (1)	Default is 0
20	BLANK		
21	Trading Status-3	Char (5)	Default is 2
22	Eligibility-3	Char (1)	Default is 0
23	BLANK		
24	Trading Status-4	Char (5)	COMDTY is 3 FUTCOM / OPTFUT / FUTIDX is 0
25	Eligibility-4	Char (1)	Default is 0
26	BLANK		
27	Start Date	Char (10)	First Trading Date
28	IPD	Char (10)	Default is 0
29	Maturity Date	Char (10)	Maturity Date
30	Margin Percent	Number (10)	For Futures, actual value For Options, Default is 0
31	Minimum Lot Size	Number (10)	Minimum Lot Size
32	Board Lot Quantity	Number (10)	Lot Size
33	Minimum Spread	Number (10)	Tick size for Instrument
34	Issued Capital	Number (20)	Default is 999999999999
35	Freeze Quantity	Number (20)	Max Quantity
36	Warning Quantity	Number (20)	Default is 0
37	Admission	Char (10)	Admission Date

Sr. No.	Column Name	Data Type	Remarks
38	Expulsion	Char (10)	Default is 0
39	Re-Admission	Char (10)	Default is 0
40	Record Date	Char (10)	Default is 0
41	No Delivery Start Date	Char (10)	FUTCOM - Date COMDTY / OPTFUT / FUTIDX is 0
42	No Delivery End Date	Char (10)	FUTCOM - Date COMDTY / OPTFUT / FUTIDX is 0
43	Low Price Range	Number (10)	PB Lower Limit
44	High Price Range	Number (10)	PB Upper Limit
45	Ex Date	Char (10)	COMDTY / FUTCOM / FUTIDX – 0 OPTFUT – Date
46	Book Closure Start Date	Char (10)	Default is 0
47	Book Closure End Date	Char (10)	Default is 0
48	Last Update Date Time	Char (10)	Last Update Date Time
49	Exercise Start Date	Char (10)	Maturity Date for options
50	Exercise End Date	Char (10)	Maturity Date for options
51	Ticker selection	Number (5)	Default is 15
52	CA Old Token	Number (5)	Default is 0
53	Credit Rating	Char (12)	Blank
54	Name	Char (30)	Security Description. This will have max 30 characters
55	EGMAGM	Number (5)	Default is 0
56	Interest / Dividend	Number (1)	Default is 1 for Futures. For Options, this field will denote whether the option contract is active or inactive. 0 - Inactive, 1 - Active
57	Rights / Bonus	Number (1)	Default is 0

Sr. No.	Column Name	Data Type	Remarks
58	MF / AON	Number (5)	Default is 0
59	Remarks	Char (25)	Remarks
60	Ex Style	Char (1)	Exercise Style For European, value is E For American, value is A
61	Ex Allowed	Char (1)	COMDTY / FUTCOM / FUTIDX – Y OPTFUT – N
62	Ex Rej Allowed	Char (1)	COMDTY / FUTCOM / FUTIDX – Y OPTFUT – N
63	PL Allowed	Char (1)	Default is N
64	BLANK		Blank
65	Corp Adjust	Char (1)	Default is N
66	Asset Symbol	Char (10)	Underlying Symbol
67	BLANK		Blank
68	Price Unit	Number (10)	Price Unit
69	Quantity Unit	Number (10)	Quantity Unit
70	Price Numerator	Number (10)	Price Numerator
71	Price Denominator	Number (10)	Price Denominator
72	Delivery Lot	Number (10)	Delivery Lot
73	Delivery Unit	Char (10)	Delivery Unit
74	Base Price	Number (10)	Base Price
75	Delete Flag	Char (1)	Delete Flag Value is Y or N

### 8. Contract File New

- Naming Convention: ncdex\_contract\_new.txt
- Contract file for Futures and options having token number
- File Structure is given below

Sr. No.	Column Name	Data Type	Remarks
1	Token	Number (15)	Instrument TokenID
2	Asset Token	Number (15)	COMDTY is 0 TokenID of 'Underlying Commodity' for 'Futures on Commodity' TokenID of 'Underlying Future' for 'Options on Future' TokenID of 'Underlying Index' for 'Futures on Index'
3	Instrument Name	Char (6)	COMDTY – Underlying commodity FUTCOM – Futures on Commodity OPTFUT – Options on Futures FUTIDX – Futures on Index
4	Symbol	Char (10)	Underlying Symbol
5	Series	Char (2)	Default is XX
6	BLANK		
7	Expiry Date	Char (10)	ExpiryDate
8	Strike Price	Char (10)	For Futures, default is -1 For Options, actual strike Price
9	Option Type	Char (2)	XX - FUTCOM / FUTIDX Instrument CE - Call European Option PE - Put European Option
10	BLANK		
11	CA Level	Char (5)	Default is 0
12	BLANK		
13	Admission Type	Char (5)	Default is 0
14	Rate	Char (5)	Default is 0
15	Trading Status-1	Char (5)	Default is 1
16	Eligibility-1	Char (1)	COMDTY is 0 FUTCOM / OPTFUT / FUTIDX is 1
17	BLANK		
18	Trading Status-2	Char (5)	Default is 2



Sr. No.	Column Name	Data Type	Remarks
19	Eligibility-2	Char (1)	Default is 0
20	BLANK		
21	Trading Status-3	Char (5)	Default is 2
22	Eligibility-3	Char (1)	Default is 0
23	BLANK		
24	Trading Status-4	Char (5)	COMDTY is 3 FUTCOM / OPTFUT / FUTIDX is 0
25	Eligibility-4	Char (1)	Default is 0
26	BLANK		
27	Start Date	Char (10)	FirstTradingDate
28	IPD	Char (10)	Default is 0
29	Maturity Date	Char (10)	Maturity Date
30	Margin Percent	Number (10)	For Futures actual value For Options, Default is 0
31	Minimum Lot Size	Number (10)	Minimum Lot Size
32	Board Lot Quantity	Number (10)	Lot Size
33	Minimum Spread	Number (10)	Tick size for Instrument
34	Issued Capital	Number (20)	Default is 999999999999
35	Freeze Quantity	Number (20)	Max Qty
36	Warning Quantity	Number (20)	Default is 0
37	Admission	Char (10)	Admission Date
38	Expulsion	Char (10)	Default is 0
39	Re-Admission	Char (10)	Default is 0
40	Record Date	Char (10)	Default is 0
41	No Delivery Start Date	Char (10)	FUTCOM - Date COMDTY / OPTFUT / FUTIDX is 0

Sr. No.	Column Name	Data Type	Remarks
42	No Delivery End Date	Char (10)	FUTCOM - Date COMDTY / OPTFUT / FUTIDX is 0
43	Low Price Range	Number (10)	PB Lower Limit
44	High Price Range	Number (10)	PB Upper Limit
45	Ex-Date	Char (10)	COMDTY / FUTCOM / FUTIDX – 0 OPTFUT –Date
46	Book Closure Start Date	Char (10)	Default is 0
47	Book Closure End Date	Char (10)	Default is 0
48	Last Update Date Time	Char (10)	Last Update Date Time
49	Exercise Start Date	Char (10)	Maturity Date for Options
50	Exercise End Date	Char (10)	Maturity Date for Options
51	Ticker selection	Number (5)	Default is 15
52	CA Old Token	Number (5)	Default is 0
53	Credit Rating	Char (12)	Blank
54	Name	Char (30)	Security Description.
55	EGMAGM	Number (5)	Default is 0
56	Interest / Dividend	Number (1)	Default is 1 for Futures. For Options, this field will denote whether the option contract is active or inactive. 0 - Inactive, 1 - Active
57	Rights / Bonus	Number (1)	Default is 0
58	MF / AON	Number (5)	Default is 0
59	Remarks	Char (25)	Remarks
60	Ex Style	Char (1)	Exercise Style  For European, value is E For American, value is A

Sr. No.	Column Name	Data Type	Remarks
61	Ex Allowed	Char (1)	COMDTY / FUTCOM / FUTIDX – Y OPTFUT – N
62	Ex Rej Allowed	Char (1)	COMDTY / FUTCOM / FUTIDX – Y OPTFUT – N
63	PL Allowed	Char (1)	Default is N
64	BLANK		Blank
65	Corp Adjust	Char (1)	Default is N
66	Asset Symbol	Char (10)	Underlying Symbol
67	BLANK		Blank
68	Price Unit	Number (10)	Price Unit
69	Quantity Unit	Number (10)	Quantity Unit
70	Price Numerator	Number (10)	Price Numerator
71	Price Denominator	Number (10)	Price Denominator
72	Delivery Lot	Number (10)	Delivery Lot
73	Delivery Unit	Char (10)	Delivery Unit
74	Base Price	Number (10)	Base Price
75	Delete Flag	Char (1)	Delete Flag Value is Y or N
76	MIT_SYMBOL	Char (255)	Instrument ID. This will have max value of 30

### 9. Contract File New (Standardized format with the ISO tags)

- Naming Convention: ncdex\_contract\_new\_common.csv
- Contract file for Futures and options having token number
- File Structure is given below

Sr. No.	Column Name	Headers (ISO Tags)	Data Type	Remarks
1	Instrument Name	FinInstrmNm	Char (6)	COMDTY – Underlying commodity
				FUTCOM – Futures on Commodity
				OPTFUT – Options on Futures
				FUTIDX – Futures on Index
2	Instrument ID	FinInstrmId	Integer	This field is blank for NCDEX
3	Unique Identifier/Token	FinCntrctId	Number (15,0)	Instrument TokenID
4	Underlying Unique Identifier/ Asset Token	UndrlygFinInstrmId	Number (15,0)	COMDTY is 0
				TokenID of 'Underlying Commodity' for 'Futures on Commodity'
				TokenID of 'Underlying Future' for 'Options on Future'
				TokenID of 'Underlying Index' for 'Futures on Index'
5	Symbol	TckrSymb	Char (12)	Symbol
6	Underlying Asset/ Asset Symbol	UndrlygInstrm	Char (12)	Asset Symbol
7	Underlying Group	UndrlygInstrmAss tClass	Char (25)	This field is blank for NCDEX
8	Instrument Id/ Security Id	SctyId	Large Int	This field is blank for NCDEX
9	Option Type	OptnTp	Char (2)	XX - FUTCOM / FUTIDX Instrument
				CE - Call European Option
				PE - Put European Option
10	Strike Price	StrkPric	Number (11,4)	For Futures, default is -1
				For Options, actual strike Price
11	Expiry Date	XpryDt	Char (11)	ExpiryDate
12	Base Price	BasePric	Number (11,4)	Base Price
13	Product Description	PdctDesc	Char (25)	This field is blank for NCDEX
14	Quotation Quantity	UnitOfMeasr	Numeric (12,0)	This field is blank for NCDEX
15	Quotation Unit	QtQty	Char (5)	This field is blank for NCDEX
16	Unique Identifier Of Mapped Auction Buy In Product	UnqldrAuctnBuyI nPdct	Numeric (10,0)	This field is blank for NCDEX
17	Unique Identifier Of	UnqldrAuctnSell OutPdct	Numeric (10,0)	This field is blank for NCDEX

Sr. No.	Column Name	Headers (ISO Tags)	Data Type	Remarks
	Mapped Auction Sell Out Product			
18	T2T Allowed	TradToTradInd	Char (5)	This field is blank for NCDEX
19	Tradable Lot	TradablLot	Numeric (12,0)	This field is blank for NCDEX
20	Price Tick	MinTradgPrigInc rmt	Numeric (11,4)	This field is blank for NCDEX
21	Near Month Product Symbol	NearMnthPdctSym mb	Char (10)	This field is blank for NCDEX
22	Far Month Product Symbol	FarMnthPdctSym b	Char (10)	This field is blank for NCDEX
23	Product Start Date Time	PdctStartDtTm	Char (20)	This field is blank for NCDEX
24	Product End Date Time	PdctEndDtTm	Char (20)	This field is blank for NCDEX
25	Tender Start Date Time	TndrStartDtTm	Char (20)	This field is blank for NCDEX
26	Tender End Date	TndrEndDtTm	Char (20)	This field is blank for NCDEX
27	Delivery Start Date	DlvryStartDt	Char (20)	This field is blank for NCDEX
28	Delivery End Date	DlvryEndDt	Char (20)	This field is blank for NCDEX
29	Expiry Process Date	XpryPrcDt	Char (20)	This field is blank for NCDEX
30	Margin Indicator	MrgnInd	Char (1)	This field is blank for NCDEX
31	Regular Buy Margin	RglrBuyMrgn	Numeric (28,8)	This field is blank for NCDEX
32	Regular Sell Margin	RglrSellMrgn	Numeric (28,8)	This field is blank for NCDEX
33	Special Buy Margin	SpclBuyMrgn	Numeric (28,8)	This field is blank for NCDEX
34	Special Sell Margin	SpecialSellMrgn	Numeric (28,8)	This field is blank for NCDEX
35	Tender Buy Margin	TndrBuyMrgn	Numeric (28,8)	This field is blank for NCDEX
36	Tender Sell Margin	TndrSellMrgn	Numeric (28,8)	This field is blank for NCDEX
37	Delivery Buy Margin	DlvryBuyMrgn	Numeric (28,8)	This field is blank for NCDEX
38	Delivery Sell Margin	DlvrySellMrgn	Numeric (28,8)	This field is blank for NCDEX
39	Limit For All Client	AllCIntLmt	Numeric (28,8)	This field is blank for NCDEX
40	Limit For Only All Client	OnlyAllCIntLmt	Numeric (28,8)	This field is blank for NCDEX

Sr. No.	Column Name	Headers (ISO Tags)	Data Type	Remarks
41	Limit For Only All Own	OnlyAllOwnLmt	Numeric (28,8)	This field is blank for NCDEX
42	Limit Per Client Account	PerClntLmt	Numeric (28,8)	This field is blank for NCDEX
43	Limit Per Own Account	PerOwnLmt	Numeric (28,8)	This field is blank for NCDEX
44	Spread Benefit Allowed	SprdBnftAllwd	Char (1)	This field is blank for NCDEX
45	Record Deleted/ Delete Flag	Del	Char (1)	Delete Flag Value is Y or N
46	Remarks	AddtInf	Char (25)	Remarks
47	Price Numerator	PricNmtr	Number (20,4)	Price Numerator
48	Price Denominator	PricDnmtr	Number (20,4)	Price Denominator
49	General Numerator	GnINmtr	Numeric (20,4)	This field is blank for NCDEX
50	General Denominator	GnIDnmtr	Numeric (20,4)	This field is blank for NCDEX
51	Lot Numerator	LotNmtr	Numeric (20,4)	This field is blank for NCDEX
52	Lot Denominator	LotDnmtr	Numeric (20,4)	This field is blank for NCDEX
53	Decimal Locator	DcmlstnPric	Numeric (1, 0)	This field is blank for NCDEX
54	Block Deal	BkDealAllwdFlg	Numeric (1, 0)	This field is blank for NCDEX
55	Trading Currency	TradgCcy	Char (3)	This field is blank for NCDEX
56	Delivery Weight	DlvryWght	Numeric (14,2)	This field is blank for NCDEX
57	Delivery Unit	DlvryUnit	Char (10)	Delivery Unit
58	Product Month	PdctMnth	Char (7)	This field is blank for NCDEX
59	Trade Group Id	TradGrpld	Numeric (2,0)	This field is blank for NCDEX
60	Matching No.	MtchgNb	Numeric (2,0)	This field is blank for NCDEX
61	Pre-Open Session	PreOpnSsn	Numeric (1,0)	This field is blank for NCDEX
62	Spread Type	SprdTp	Numeric (2,0)	This field is blank for NCDEX
63	Extreme Loss Buy Margin	LossBuyMrgn	Numeric (28,8)	This field is blank for NCDEX
64	Extreme Loss Sell Margin	LossSellMrgn	Numeric (28,8)	This field is blank for NCDEX
65	Option Pricing Method	PricMtd	Char (2)	This field is blank for NCDEX
66	Threshold Limit (Rs.)	ThrshldLmt	Numeric (15,2)	This field is blank for NCDEX
67	Delivery Mode	DlvryMd	Numeric (1,0)	This field is blank for NCDEX
68	Series	Srsld	Char (2)	Series
69	CA Level	OffclCorpActnEvt Id	Char (7)	Default is 0

Sr. No.	Column Name	Headers (ISO Tags)	Data Type	Remarks
70	Admission Type	AdmssnTp	Char (5)	Default is 0
71	Rate	Rate	Char (5)	Default is 0
72	Trading Status-1	TradgSts1	Char (5)	Default is 1
73	Eligibility-1	Elgbly1	Char (1)	COMDTY is 0 FUTCOM / OPTFUT / FUTIDX is 1
74	Trading Status-2	TradgSts2	Char (5)	Default is 2
75	Eligibility-2	Elgbly2	Char (1)	Default is 0
76	Trading Status-3	TradgSts3	Char (5)	Default is 2
77	Eligibility-3	Elgbly3	Char (1)	Default is 0
78	Trading Status-4	TradgSts4	Char (5)	COMDTY is 3 FUTCOM / OPTFUT / FUTIDX is 0
79	Eligibility-4	Elgbly4	Char (1)	Default is 0
80	Start Date	StartDt	Char (10)	First Trading Date
81	IPD	IPD	Char (10)	Default is 0
82	Maturity Date	MtrtyDt	Char (10)	Maturity Date
83	Margin Percent	MrgnPctg	Number (10)	For Futures actual value For Options, Default is 0
84	Minimum Lot Size	MinLot	Number (10)	Minimum Lot Size
85	Board Lot Quantity	NewBrdLotQty	Number (10)	Lot Size
86	Minimum Spread	MinSprd	Number (10)	Tick size for Instrument
87	Issued Capital	IssdCptl	Number (20)	Default is 999999999999
88	Freeze Quantity	MaxTradQtyPctg	Number (20)	Max Qty
89	Warning Quantity	WrngPctg	Number (20)	Default is 0
90	Admission	Admssn	Char (10)	Admission Date
91	Expulsion	Rmvl	Char (10)	Default is 0
92	Re-Admission	Radmssn	Char (10)	Default is 0
93	Record Date	RcrdDt	Char (10)	Default is 0
94	No Delivery Start Date	NoDlvryStartDt	Char (10)	FUTCOM - Date COMDTY / OPTFUT / FUTIDX is 0
95	No Delivery End Date	NoDlvryEndDt	Char (10)	FUTCOM - Date COMDTY / OPTFUT / FUTIDX is 0
96	Low Price Range	MinPric	Number (10)	PB Lower Limit
97	High Price Range	MaxPric	Number (10)	PB Upper Limit

Sr. No.	Column Name	Headers (ISO Tags)	Data Type	Remarks
98	Ex-Date	SpclExDt	Char (10)	COMDTY / FUTCOM / FUTIDX - 0 OPTFUT -Date
99	Book Closure Start Date	BookClsrStartDt	Char (10)	Default is 0
100	Book Closure End Date	BookClsrEndDt	Char (10)	Default is 0
101	Last Update Date Time	UpdDt	Char (10)	Last Update Date Time
102	Exercise Start Date	ExrcStartDt	Char (10)	Maturity Date for Options
103	Exercise End Date	ExrcEndDt	Char (10)	Maturity Date for Options
104	Ticker Selection	TckrSelctn	Number (6)	Default is 15
105	CA Old Token	OdOffclCorpActn Evtld	Number (5)	Default is 0
106	Credit Rating	RatgDtls	Char (12)	Blank
107	Name	SctyShrtNm	Char (30)	Security Description.
108	EGMAGM	EGMAGM	Number (5)	Default is 0
109	Interest / Dividend	IntrstOrDvdd1	Number (1)	Default is 1 for Futures. For Options, this field will denote whether the option contract is active or inactive. 0 - Inactive, 1 - Active
110	Rights / Bonus	RghtsOrBns1	Number (1)	Default is 0
111	MF / AON	MFOraON	Number (5)	Default is 0
112	Ex Style	OptnExrcStyle	Char (1)	Exercise Style  For European, value is E For American, value is A
113	Ex Allowed	ExrcAllwd	Char (1)	COMDTY / FUTCOM / FUTIDX - Y OPTFUT - N
114	Ex Rej Allowed	ExrcRjctAllwd	Char (1)	COMDTY / FUTCOM / FUTIDX - Y OPTFUT - N
115	PL Allowed	PLAllwd	Char (1)	Default is N
116	Corp Adjust	CorpAdjstmnt	Char (1)	Default is N
117	Price Unit	PricUnit	Char (10)	Price Unit
118	Quantity Unit	QtyUnit	Char (10)	Quantity Unit
119	Delivery Lot	DlvryLot	Number (10)	Delivery Lot
120	MIT_Symbol	MITsymb	Char (255)	Instrument ID. This will have max value of 30
121	Asset Description	AsstDesc	Character (25)	This field is blank for NCDEX



Sr. No.	Column Name	Headers (ISO Tags)	Data Type	Remarks
122	Contract Token Number 1 / Series ID Of Leg 1	SrsIdLeg1	Int	This field is blank for NCDEX
123	Contract Token Number 2 / Series ID Of Leg 2	SrsIdLeg2	Int	This field is blank for NCDEX
124	Capacity Group Id	CpctyGrpId	Int	This field is blank for NCDEX
125	Instrument Long Name	SctyLngNm	Char(30)	This field is blank for NCDEX
126	Maximum Single Order Size	MaxSnglOrdrSz	Int	This field is blank for NCDEX
127	Trading Unit	TradgUnit	Char(5)	This field is blank for NCDEX
128	Complex Instrument Type	FinInstrmTp	Int	This field is blank for NCDEX
129	Partition ID	UnqPdctldr	Int	This field is blank for NCDEX
130	Delivery Mechanism	DlvryTp	Numeric (2,0)	This field is blank for NCDEX
131	Allowed Deviation Quantity %	AllwdDvtnQtyPctg	Numeric (5,2)	This field is blank for NCDEX
132	Asset Class	AsstClss	Char(6)	This field is blank for NCDEX
133	Option On Future / Underlying Identifier	OptnOnFutr	Varchar (50)	This field is blank for NCDEX
134	Underlying Future Token No.	UndrlygFutrTknd	Varchar (50)	This field is blank for NCDEX
135	Contract End Time Indicator	EndDt	Varchar (50)	This field is blank for NCDEX
136	Quantity Multiplier	Mltplr	Number (6)	This field is blank for NCDEX
137	Quality Specs	QltySpfcctn	Char (12)	This field is blank for NCDEX
138	Stock Name	StockNm	Char (26)	This field is blank for NCDEX
139	Corporate Purpose – AGM/ EGM	Mtg	Number (1)	This field is blank for NCDEX
140	Corporate Purpose – Interest/ Dividend	IntrstOrDvdd2	Number (1)	This field is blank for NCDEX
141	Corporate Purpose – Rights/ Bonus	RghtsOrBns2	Number (1)	This field is blank for NCDEX
142	Special Terms	SpclTerms	Number (1)	This field is blank for NCDEX

Sr. No.	Column Name	Headers (ISO Tags)	Data Type	Remarks
143	Commodity Specs (Price Quote; Trading Lot; Delivery Lot; Unit)	Cmmdty	Char (24)	This field is blank for NCDEX
144	Checksum	Chcksm	Char (1)	This field is blank for NCDEX
145	Filler	Rsvd01		
146	Filler	Rsvd02		
147	Filler	Rsvd03		
148	Filler	Rsvd04		
149	Filler	Rsvd05		
150	Filler	Rsvd06		
151	Filler	Rsvd07		
152	Filler	Rsvd08		
153	Filler	Rsvd09		
154	Filler	Rsvd10		
155	Filler	Rsvd11		
156	Filler	Rsvd12		
157	Filler	Rsvd13		
158	Filler	Rsvd14		
159	Filler	Rsvd15		
160	Filler	Rsvd16		
161	Filler	Rsvd17		
162	Filler	Rsvd18		
163	Filler	Rsvd19		
164	Filler	Rsvd20		
165	Filler	Rsvd21		
166	Filler	Rsvd22		
167	Filler	Rsvd23		
168	Filler	Rsvd24		
169	Filler	Rsvd25		
170	Filler	Rsvd26		
171	Filler	Rsvd27		
172	Filler	Rsvd28		
173	Filler	Rsvd29		
174	Filler	Rsvd30		
175	Filler	Rsvd31		
176	Filler	Rsvd32		
177	Filler	Rsvd33		
178	Filler	Rsvd34		
179	Filler	Rsvd35		
180	Filler	Rsvd36		
181	Filler	Rsvd37		
182	Filler	Rsvd38		
183	Filler	Rsvd39		
184	Filler	Rsvd40		
185	Filler	Rsvd41		

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<b>Sr. No.</b>	<b>Column Name</b>	<b>Headers (ISO Tags)</b>	<b>Data Type</b>	<b>Remarks</b>
186	Filler	Rsvd42		
187	Filler	Rsvd43		
188	Filler	Rsvd44		
189	Filler	Rsvd45		
190	Filler	Rsvd46		

## 10. Spread Contract File

- Naming Convention: ncdex\_spreadcontract.txt
- Contract file for Calendar Spread combination on Futures
- File Structure is given below

Sr. No.	Column Name	Data Type	Remarks
1.	Spread Contract Name	Char(25)	Spread Contract Name E.g. CHANASEPJAN2020
2	Spread Maturity Date	Long	Date of maturity
3	Near Month Token	Short	Leg 1 Futures contract
4	Asset Token	Short	Leg 1 Underlying Symbol
5	Instrument Name	Char(6)	FUTCOM – Futures on Commodity FUTIDX – Futures on Index
6	Symbol	Char(10)	Leg 1 Underlying Symbol
7	Series	Char(2)	Default XX
8	Reserved	Char(1)	Blank
9	Expiry Date	Long	Last trading date of the Leg 1
10	Strike Price	Long	Default -1
11	Option Type	Char(2)	Default XX
12	Reserved	Char(1)	Blank
13	CA Level	Short	Default 0
14	Reserved	Char(1)	Blank
15	Admission Type	Short	Default 0
16	Rate	Short	Default 0
17	Trading Status -1	Short	Default 1 Normal Market
18	Eligibility -1	Char(1)	Default 1
19	Reserved	Char(1)	Blank
20	Trading Status -2	Short	Default 2 Odd lot market
21	Eligibility -2	Char(1)	Default 0

Sr. No.	Column Name	Data Type	Remarks
22	Reserved	Char(1)	Blank
23	Trading Status -3	Short	Default 2 Spot market
24	Eligibility -3	Char(1)	Default 0
25	Reserved	Char(1)	Blank
26	Trading Status -4	Short	Default 3 Auction market
27	Eligibility -4	Char(1)	Default 0
28	Reserved	Char(1)	Blank
29	Start Date	Long	Start Date
30	Interest Payment Date	Long	Default 0
31	Maturity Date	Long	Start Date
32	Margin Percent	Long	Initial Margin levied on the contract
33	Minimum Lot Size	Long	Minimum order quantity
34	Board Lot Quantity	Long	Board Lot quantity
35	Min Spread	Long	Tick Size
36	Issued Capital	Double	Default - 1000000000000
37	Volume Freeze Quantity	Long	Order Freeze Quantity for the Instrument
38	Warning Quantity Of Outstanding Volume	Long	Default 0
39	Admission Date	Long	Admission Date
40	Expulsion Date	Long	Default 0
41	Re-Admission Date	Long	Default 0
42	Record Date	Long	Default 0
43	No Delivery Date Start	Long	Delivery start date of Underlying leg 1 contract

Sr. No.	Column Name	Data Type	Remarks
44	No Delivery Date End	Long	Delivery end date of Underlying leg 1 contract
45	Low Price Range	Long	Leg 1 lower limit
46	High Price Range	Long	Leg 1 higher limit
47	Ex Date	Long	Default 0
48	Book Closure Date Start	Long	Default 0
49	Book Closure Date End	Long	Default 0
50	Last Update Date Time	Long	Last Update Date Time
51	Exercise Start Date	Long	Default 0
52	Exercise End Date	Long	Default 0
53	Ticker Selection	Short	Default 0
54	CA Old Token	Short	Default 0
55	Credit Rating	Char(12)	Blank
56	Name	Char(25)	Leg 1 symbol
57	EGMAGM	Short	Default 0
58	Interest Dividend	Short	Default 0
59	Rights Bonus	Short	Default 0
60	Mf aon	Short	Default 0
61	Remarks	Char(25)	Comment inserted while placing order
62	Ex Style	Char(1)	Exercise Style 'A' = American Style Exercise 'E' = European Style Exercise
63	Ex Allowed	Char(1)	Default Y
64	Ex Rej Allowed	Char(1)	Default Y
65	PL Allowed	Char(1)	Default N
66	Reserved	Char(1)	Blank

Sr. No.	Column Name	Data Type	Remarks
67	Is Corp Adjust	Char(1)	Default N
68	Asset	Char(10)	Underlying Asset symbol
69	Reserved	Char(1)	Blank
70	Price Unit	Char(10)	Price unit of the contract
71	Qty Unit	Char(10)	Quantity unit of the contract
72	Price Numerator	Long	Numerator multiplying factor
73	Price Denominator	Long	Denominator multiplying factor
74	Delivery Lot	Long	Delivery lot size
75	Delivery Unit	Char(10)	Delivery Unit
76	Base Price	Long	Base Price
77	Delete Flag	Char(1)	Blank
78	Far Month Token	Short	Leg 2 Futures contract
79	Asset Token	Short	Leg 2 Underlying Symbol
80	Instrument Name	Char(6)	FUTCOM – Futures on Commodity FUTIDX – Futures on Index
81	Symbol	Char(10)	Leg 2 Underlying Symbol
82	Series	Char(2)	Default XX
83	Reserved	Char(1)	Blank
84	Expiry Date	Long	Last trading date of the Leg 2
85	Strike Price	Long	Default -1
86	Option Type	Char(2)	Default XX
87	Reserved	Char(1)	Blank
88	CA Level	Short	Default 0
89	Reserved	Char(1)	Blank
90	Admission Type	Short	Default 0
91	Rate	Short	Default 0

Sr. No.	Column Name	Data Type	Remarks
92	Trading Status -1	Short	Default 1 Normal Market
93	Eligibility -1	Char(1)	Default 1
94	Reserved	Char(1)	Blank
95	Trading Status -2	Short	Default 2 Odd lot market
96	Eligibility -2	Char(1)	Default 0
97	Reserved	Char(1)	Blank
98	Trading Status -3	Short	Default 2 Spot market
99	Eligibility -3	Char(1)	Default 0
100	Reserved	Char(1)	Blank
101	Trading Status -4	Short	Default 3 Auction market
102	Eligibility -4	Char(1)	Default 0
103	Reserved	Char(1)	Blank
104	Start Date	Long	Start Date
105	Interest Payment Date	Long	Default 0
106	Maturity Date	Long	Start Date
107	Margin Percent	Long	Initial Margin levied on the contract
108	Minimum Lot Size	Long	Minimum order quantity
109	Board Lot Quantity	Long	Board Lot quantity
110	Min Spread	Long	Tick Size
111	Issued Capital	Double	Default - 1000000000000
112	Volume Freeze Quantity	Long	Order Freeze Quantity for the Instrument
113	Warning Quantity of Outstanding	Long	Default 0



Sr. No.	Column Name	Data Type	Remarks
	Volume		
114	Admission	Long	Admission Date
115	Expulsion	Long	Default 0
116	Re-Admission	Long	Default 0
117	Record Date	Long	Default 0
118	No Delivery Date Start	Long	Delivery start date of Underlying leg 2 contract
119	No Delivery Date End	Long	Delivery end date of Underlying leg 2 contract
120	Low Price Range	Long	Leg 2 lower limit
121	High Price Range	Long	Leg 2 higher limit
122	Ex Date	Long	Default 0
123	Book Closure Date Start	Long	Default 0
124	Book Closure Date End	Long	Default 0
125	Last Update Date Time	Long	Last Update Date Time
126	Exercise Start Date	Long	Default 0
127	Exercise End Date	Long	Default 0
128	Ticker Selection	Short	Default 0
129	CA Old Token	Short	Default 0
130	Credit Rating	Char(12)	Blank
131	Name	Char(25)	Leg 2 symbol
132	EGMAGM	Short	Default 0
133	Interest Dividend	Short	Default 0
134	Rights Bonus	Short	Default 0
135	Mf aon	Short	Default 0

Sr. No.	Column Name	Data Type	Remarks
136	Remarks	Char(25)	Comment inserted while placing order
137	Ex Style	Char(1)	Exercise Style 'A' = American Style Exercise 'E' = European Style Exercise
138	Ex Allowed	Char(1)	Default Y
139	Ex Rej Allowed	Char(1)	Default Y
140	PL Allowed	Char(1)	Default N
141	Reserved	Char(1)	Blank
142	Corp Adjust	Char(1)	Default N
143	Asset	Char(10)	Underlying Asset symbol
144	Reserved	Char(1)	Blank
145	Price Unit	Char(10)	Price unit of the contract
146	Qty Unit	Char(10)	Quantity unit of the contract
147	Price Numerator	Long	Numerator multiplying factor
148	Price Denominator	Long	Denominator multiplying factor
149	Delivery Lot	Long	Amount of quantity requested for delivery.
150	Delivery Unit	Char(10)	Delivery lot size
151	Base Price	Long	Base Price
152	Delete Flag	Char(1)	Y – Deleted N – Active

## B. TRADES

### 1. Trade Date File (TRADEDDMMYYYY.TXT)

- Naming convention: NCX\_FO\_TRADE\_DD\_MM\_YYYY.TXT
- The file is generated by member through Nextra Trading terminal.
- This file contains trade details. File can be generated either real time or at end of day through Drop copy utility of Nextra.
- The file structure for the same is as given below

Sr. No.	Column Name	Data Type	Description/Remarks
1	Trade Number	Char (10)	
2	Trade Status	Char (2)	11 - Original Trade 12 - Modified Trade 13 - Cancelled Trade 14 - Rejected Trade 15 - Modification Rejected 16 - Cancellation Rejected A - Give-Up Approved R - Give-Up Rejected
3	Instrument Type	Char (6)	FUTCOM - Futures on Commodity, OPTFUT - Options on Futures FUTIDX - Futures on Index
4	Symbol	Char (10)	Contract Descriptor
5	Expiry Date	Date	DDMMMYYYY
6	Strike Price	Double	
7	Option Type	Char (2)	
8	Contract Name	Char (30)	Contract Descriptor
9	Book Type	Integer	1 - Regular Lot 2 - Special Terms 4 - Negotiated Trade
10	Book Type Name	Char (2)	RL - Regular Lot NT - Negotiated Trade ST - Special Term trade
11	Market Type	Integer	1 - Normal Market
12	User ID	Char (5)	
13	TimeStamp2	Integer	Default 0
14	Buy / Sell	Integer	1 - Buy 2 - Sell
15	Trade Quantity	Long	
16	Price	Double	
17	Pro / Client	Char (1)	1 - Client 2 - Pro
18	Client ID	Char (10)	
19	Participant ID	Char (12)	
20	Open / Close	Char (5)	Default 'OPEN'
21	Cover / Uncover	Char (7)	Default 'UNCOVER'
22	Activity Time	Date Time	DD MMM YYYY HH:MM:SS
23	Last Modified Time	Date Time	DD MMM YYYY HH:MM:SS

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<b>Sr. No.</b>	<b>Column Name</b>	<b>Data Type</b>	<b>Description/Remarks</b>
24	Order Number	Char (12)	Order ID
25	Filler	Char (5)	Blank
26	NNF Id	Double	NNF Id

## 2. Trade Log File (TRADE LOG\_DDMMYYYY)

- Naming convention: NCDEX\_<TMID>\_TRD\_LOG\_DDMMYYYY.CSV
- This is subscription based member file and generated for trading members.
- File gives member wise trade information. The file will be generated after close of trading hours on each business date.
- The file structure for the same is as given below:

Sr. No.	Field	Data Type	Description/Remarks
1	Branch	String	
2	User Id	String	
3	Inst Type	String	FUTCOM - Futures on Commodity OPTFUT - Options on Futures FUTIDX - Futures on Index
4	Inst Symbol	String	Contract Descriptor
5	Expiry Date	String	Date in DD-MON-YYYY format
6	Strike price	Number (9,2)	For Futures and Futures on Index - 0 For Options- strike price of the contract
7	Option Type	String	XX - FUTCOM/FUTIDX Instrument CE - Call European Option PE - Put European Option
8	Order ID	String	
9	Buy/Sell	String	Buy/ Sell indicator 'BUY' or 'SELL'
10	Open/Close	String	"O" = Open order; "C" = Closed Order
11	Trade No	String	
12	Quantity	Float	Traded Quantity
13	Qty Price	String	Price unit
14	Unit	String	Quantity unit
15	Price	Float	
16	Time	String	Trade Time
17	A/C No	String	Client id
18	Activity	String	Default value 'Trade'
19	Cover/Uncover	String	Default value 'U'
20	Is_spread	String	The flag that indicates the trade is due to a spread trade as 'Y' or 'N'
21	Trade Value	Float	

### 3. Order Log File (ORDER LOG\_DDMMYYYY)

- Naming convention: NCDEX\_<TMID>\_ORD\_LOG\_DDMMYYYY.CSV
- This is subscription based member file and generated for trading members.
- File gives member wise orders - new /modified /cancelled activity log for the orders and spread orders of a trading member. The file will be generated after close of trading hours on each business date.
- The file structure for the same is as given below:

Sr. No.	Column Name	Data Type	Description/Remarks
1	Branch	String	
2	User Id	String	
3	Inst Type	Varchar2 (6)	FUTCOM - Futures on Commodity OPTFUT - Options on Futures FUTIDX - Futures on Index
4	Inst Symbol	String	Contract Descriptor
5	Expiry Date	String	Date in DD-MON-YYYY format
6	strike_price	Number (9,2)	For Futures and Futures on Index - 0 For Options- strike price of the contract
7	option_type	Varchar2 (2)	XX - FUTCOM/FUTIDX Instrument CE - Call European Option PE - Put European Option
8	Order ID	String	
9	Buy/Sell	String	Buy/ Sell indicator B- Buy, S – Sell
10	Open/Close	String	OPEN CLOSE
11	Order Qt	Float	
12	Bal Qty	Float	Balance order quantity
13	Price	Float	
14	Time	String	Time at which order was placed or activity happened on that orders
15	Participant	String	
16	ProCli	String	PRO = Propriety Order; CLI = Client Order
17	Client	String	
18	SP Terms	String	BLANK
19	MF	Float	Default 0
20	Ord Dur	String	DAY – for Day orders GTC – Good till Cancel GTD – Good till date IOC – Immediate or Cancel
21	Trigger Price	Float	
22	Discl Qt	Float	Disclosed quantity
23	Displ Qt	Float	Display quantity
24	Activity	String	Activity taken place on the order. Values can be 'Order' 'Order Modified' 'Order Cxl Confirmed' 'Expired' 'Order Rejected'
25	Cover/Uncover	String	Default value - 'UNCOVERED'
26	Cxl/Mod	String	User id of user carried modification or cancellation. System or batch cancellations will indicate 0

<b>Sr. No.</b>	<b>Column Name</b>	<b>Data Type</b>	<b>Description/Remarks</b>
27	Remarks	String	
28	Qty Price	Float	Price Unit
29	Unit	Float	Quantity unit
30	Bal Value	Float	Value of balance quantity
31	Price Diff	Float	Price difference
32	Inst Type2	String	2 <sup>nd</sup> Leg Instrument type
33	Inst Symbol2	String	2 <sup>nd</sup> Leg Symbol name
34	ExpiryDate2	String	2 <sup>nd</sup> Leg Expiry date
35	Open/Close2	String	Default value - 'Open'
36	Cover/Uncover2	String	Default value - 'UNCOVERED'

#### 4. Open Order Log File (OPEN ORDER LOG DDMMYYYY)

- Naming convention: NCDEX\_<TMID>\_OPN\_ORD\_LOG\_DDMMYYYY.CSV
- This is subscription based member file and generated for trading members.
- File gives the details of valid and unexpired GTC and GTD orders. The file will be generated after close of trading hours on each business date.
- The file structure for the same is as given below:

Sr. No.	Column Name	Data Type	Description/Remarks
1	Branch	String	
2	User Id	String	
3	Inst Type	Varchar2 (6)	FUTCOM - Futures on Commodity OPTFUT - Options on Futures FUTIDX - Futures on Index
4	Inst Symbol	String	Contract Descriptor
5	Expiry Date	String	Date in DD-MON-YYYY format
6	strike_price	Number (9,2)	Commodity Futures - 0 Futures on Index - 0 For Options- strike price of the contract
7	option_type	Varchar2 (2)	XX - FUTCOM/FUTIDX Instrument CE - Call European Option PE - Put European Option
8	Order Id	String	
9	Buy/Sell	String	Buy/ Sell indicator 'BUY' OR 'SELL'
10	Open/Close	String	OPEN CLOSE
11	Order Qt	Float	
12	Bal Qty	Float	Balance order quantity
13	Price	Float	
14	Time	String	Time at which order was placed or activity happened on that order
15	Participant	String	
16	ProCli	String	PRO = Proprietary Order CLI = Client Order
17	Client	String	
18	SP Terms	String	BLANK
19	MF Qty	Float	Default 0
20	Ord Dur	String	DAY – Day order GTC – Good till Cancel GTD – Good till date IOC – Immediate or Cancel
21	Trigger Price	Float	
22	Discl Qt	Float	Quantity that was disclosed
23	Cover/Uncover	String	Default value - 'UNCOVERED'
24	Qty Price	Float	Price unit
25	Unit	Float	Quantity unit
26	Bal Value	Float	Value of balance quantity



### 5. End-Of-Day Exchange Trade file (UDiFF format with the ISO tags)

- Naming convention: Trade\_NCD\_CO\_TM\_<TMID>\_YYYYMMDD\_F\_0000.csv
- The file gives the details of all trades for trading member.
- The file will be generated after close of trading hours on each business date.
- The file structure for the same is as given below:

Sr. No	Column Name	Data Type	Headers (ISO Tags)	Remarks
1	Trade Date	Varchar (10)	TradDt	Trade Date Format (YYYY-MM-DD)
2	Business Date	Varchar (10)	BizDt	Format (YYYY-MM-DD)
3	Segment Indicator	Varchar (5)	Sgmt	CO - Commodity
4	Source	Varchar (10)	Src	NCD - NCDEX
5	Traded Exchange	Varchar (5)	Xchg	NCD - NCDEX
6	Clearing Member (CM) Identification Code	Varchar(6)	ClrMmbld	Blank
7	Trading Member (TM) Identification Code	VARCHAR(9)	Brkr	TM Code
8	Instrument Type	Varchar (5)	FinInstrmTp	COM - For Commodity COF - Futures Commodity COO - Options Commodity FUO - Options on Futures IDF - Index Futures
9	Unique Instrument Identifier Of Trading Exchange	NUMERIC(10)	FinInstrmld	Token number
10	Instrument ISIN	VarChar (12)	ISIN	Blank
11	Instrument Symbol	Varchar(12)	TckrSymb	Contract descriptor Eg - CASTOROIL
12	Instrument Series	Varchar(4)	SctySrs	Blank
13	Instrument Expiry Date	Varchar (10)	XpryDt	Instrument Original Expiry Date Format (YYYY-MM-DD)
14	Instrument Actual Expiry Date	Varchar (10)	FininstrmActlX pryDt	Same as Instrument Expiry Date. Only when there is a change in expiry date, the revised expiry date shall be populated Format (YYYY-MM-DD)
15	Instrument Strike Price	NUMERIC(25,6 )	StrkPric	Blank - For Futures Contract Strike Price for Options contract Sample values - 19500.25
16	Instrument Option Type	varchar(2)	OptnTp	Blank - For Futures Contract CE - Call European PE - Put European

Sr. No	Column Name	Data Type	Headers (ISO Tags)	Remarks
17	Instrument Name	VarChar(50)	FinInstrmNm	Contract descriptor Eg -CASTOROIL19APR2024
18	Client Type	Varchar(5)	ClntTp	C - Client P - PRO
19	UCC Code	VarChar(11)	ClntId	Unique Client Code
20	Custodial Settlement Flag	VarChar(1)	FullyExctdConfSnt	Applicable for CP trade Approved by Custodian/clearing - "Y" Rejected by Custodian/clearing - "N" For Non CP trade - Blank
21	Original CP Code	Varchar(15)	OrgnlCtdnPtcp tld	Original CP Code at the time of Trade. This field will be blank for non-CP Trade
22	CP Code	Varchar(15)	CtdnPtcp tld	Blank
23	Settlement Type	Varchar(10)	SttlmTp	Blank
24	Settlement no	Varchar(10)	SctiesSttlmTxld	Blank
25	Buy Sell Flag	Varchar(10)	BuySellInd	B – Buy S – Sell
26	Traded Quantity	Numeric(12)	TradQty	Actual Traded quantity
27	Market Lot Size	Numeric(12)	NewBrdLotQty	Market lot
28	Traded Price	NUMERIC(25,6)	Pric	Traded price (In INR) Sample values -19500.25
29	Trade Number	Alphanumeric(30)	UnqTradIdr	Trade number
30	Trade Status	VarChar(5)	RptdTxSts	Trade Status OR - Original Trade MD - Modified Trade CN - Cancelled Trade RJ - Trade rejected by custodian CF - Trade confirmed by custodian
31	Original Trade datetime	Varchar(20)	TradDtTm	Original trade time. Value T shall be populated between date and time as a separator. ISO 8601 / IS 7900 (2007-03-01T13:00:00) (YYYY-MMDDTHH:mm:ss)
32	Trade Modification Datetime	Varchar(20)	UpdDt	1) Modified time if trade modified or 2) Original time if trade not modified Value T shall be populated between date and time as a separator. ISO 8601 / IS 7900 (2007-03-01T13:00:00) (YYYY-MMDDTHH:mm:ss)
33	Order Number	Alphanumeric(20)	OrdrRef	Order number

Sr. No	Column Name	Data Type	Headers (ISO Tags)	Remarks
34	Order Datetime	Varchar(20)	OrdrDtTm	Order Date and Time. Value T shall be populated between date and time as a separator. ISO 8601 / IS 7900 (2007-03-01T13:00:00) (YYYY-MMDDTHH:mm:ss)
35	Trading Terminal UserID	Varchar (21)	InstgUsr	Trading User ID
36	Trading Terminal CTCL/LocationID	NUMERIC (20)	CtclId	CTCL Terminal ID /
37	Trading SessionID	Varchar(2)	TradRegnOrgn	Default shall be populated as 1
38	Active / Passive Order Flag	Varchar(1)	OrdrTp	Blank
39	Block Deal Indicator	Varchar(1)	BckDealInd	Blank
40	Settlement cycle	Varchar(1)	SttlmCycl	Blank
41	Market Type	Varchar(2)	MktTpandId	Blank
42	Remarks	VARCHAR (150)	Rmks	Remarks
43	Reserved field	Varchar(50)	Rsvd1	Blank - Reserved field
44	Reserved field	Varchar(50)	Rsvd2	Blank - Reserved field
45	Reserved field	Varchar(50)	Rsvd3	Blank - Reserved field
46	Reserved field	Varchar(50)	Rsvd4	Blank - Reserved field

## C. CLIENT LEVEL POSITIONS

### 1. Clips UCI PAN Level

- Naming Convention:
  - a. NCDEX\_CLIPS\_PAN\_COM\_.csv  
The file shows client wise position at Commodity level across all trading members
  - b. NCDEX\_CLIPS\_PAN\_NM\_.csv  
The file shows client wise position for Near Month across all Trading members
- The reports will be generated for Trading Members, if any of their client has open position exceeding 70% of applicable position limit.
- These intraday and end of day reports / files will be available on the Extranet at around 2:30 p.m., 4:30 p.m., 7:45 p.m. and after close of trading hours on each business day
- The Files Structure is given below:

Sr. No.	Column Name	Data Type	Remarks
1	Sr_No	Integer	Serial No
2	Commodity	String (255)	Name of the Base Underlying Commodity e.g. CHANA_BU
3	Contract_Descriptor	String (50)	Contract descriptor INSTRUMENT TYPE_SYMBOL_DD-MMM-YY_0_XX_0 e.g. FUTCOM_GUARGUM5_20-Jul- 17_0_XX_0.0
4	Mapped_Member_Id	String (5)	TMID / Other Member
5	Mapped_Client_Id	String (10)	Client Id / Other Client
6	Long_Position_Qty	Integer	Long position of Client
7	Short_Position_Qty(After_EPI)	Integer	Short position of Client after excluding EPI quantity
8	EPI	Double	Early Pay-In quantity
9	Netted_Position	Integer	Open position after netting, if applicable
10	Client_Position_Side	String (10)	Long/Short
11	Mkt_Wide_OI	Integer	Market wide Open Interest
12	%_Mkt_Wide_OI_Qty	Double	Position limit as a percentage of Mkt_Wide_OI, if applicable at client level
13	Absolute_Qty_Limit_Allowed	Integer	Applicable numerical position limit
14	Utilization	Double	Equal to or above 70%

## 2. Clips Club Client Level

- Naming Convention:
  - a. NCDEX\_CLIPS\_<MEM CODE>\_CLUB\_COM\_<DDMMYYYYhhmm>  
The file shows client wise clubbed positions at Commodity level across all trading members
  - b. NCDEX\_CLIPS\_<MEM CODE>\_CLUB\_NM\_< DDMMYYYYhhmm>  
The file shows client wise clubbed positions for Near Month across all trading members
- The reports will be generated for Trading Members, if any of their client has open position exceeding 70% of applicable position limit.
- These intraday and end of day reports / files will be available on the Extranet at around 2:30 p.m., 4:30 p.m., 7:45 p.m. and after close of trading hours on each business day  
The Files Structure is given below

Sr. No.	Column Name	Data Type	Remarks
1	Sr_No	Integer	Serial No
2	Commodity	String (255)	Name of the Base Underlying Commodity e.g. CHANA_BU
3	Contract_Descriptor	String (50)	Contract descriptor INSTRUMENTTYPE_SYMBOL_DD- MMM-YY_0_XX_0 e.g. FUTCOM_GUARGUM5_20-Jul-17_0_XX_0.0
4	Mapped_Member_Id	String (5)	TMID / Other Member
5	Mapped_Client_Id	String (10)	Client Id / Other Client
6	Long_Position_Qty	Integer	Long position of Client
7	Short_Position_Qty (After_EPI)	Integer	Short position of Client after excluding EPI quantity
8	EPI	Double	Early Pay-In quantity
9	Netted_Position	Integer	Open position after netting, if applicable
10	Client_Position_Side	String (10)	Long/Short
11	Mkt_Wide_OI	Integer	Market wide Open Interest
12	%_Mkt_Wide_OI_Qty	Double	Position limit as a percentage of Mkt_Wide_OI, if applicable at client level
13	Absolute_Qty_Limit_Allowed	Integer	Applicable numerical position limit
14	Utilization	Double	Equal to or above 70%

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**REFERENCE:**

- [NCDEX/TRADING-027/2024 dated June 24,2024](#)
- [NCDEX/TRADING -021/2024 dated May 30, 2024](#)
- [NCDEX/TRADING-055/2023 dated December 11, 2023](#)
- [NCDEX/TRADING-028/2023 dated June 30, 2023](#)
- [NCDEX/TRADING-060/2022 dated December 23, 2022](#)
- [NCDEX/TRADING-037/2019 dated September 13, 2019](#)