

IMPORTANT MEMORANDUM

TO: Clearing Member Firms

Chief Financial Officers Back Office Managers

FROM: CME Group Clearing

SUBJECT: HOLIDAY SCHEDULE - Memorial Day May 27, 2019

Please note the holiday processing schedule for Friday May 24th through Monday May 27, 2019 in observance of Memorial Day.

Trading:

| CLOPEY Clearnart and Trading Floor | http://www.cmogroup.com/tools.information/holiday.calandar/ |
|-------------------------------------|---|
| GLOBEX, Clearport and Trading Floor | http://www.cmegroup.com/tools-information/holiday-calendar/ |

Clearing Processing Cycles - May 27, 2019

| | Settlement Variation | Initial Margin | Settlement file | SPAN file | Reports |
|------------------|-------------------------|-----------------|-----------------|-----------------|--------------|
| Intraday Cycle | | | | | |
| (ITD) | No ITD Cycle | No ITD Cycle | No ITD Cycle | No ITD Cycle | No ITD Cycle |
| | | | | Normal Delivery | |
| | No Variation Movement | IM requirements | Same prices | Time with same | |
| End of Day Cycle | (Prices will be carried | will be | from Friday's | prices from | All Reports |
| (EOD) | forward from Friday) | recalculated. | File | Friday's File | Available |

MOSA Processing

MOSA will only run an "AM" cycle on Monday May 27th. CME MOSA transactions cleared on Monday will be posted for **Tuesday's** clearing cycle.

The deadline to submit trades to the AM inter-exchange processing cycle on Monday will be its normal time of 7:00 am CST.

EROSION Processing

CME clearing will not process NYMEX Erosion on Monday, May 27th.

CME Clearing will calculate final erosion for Tuesday, May 28th for settlement on Wednesday, May 29th.

| | NERC Processing | NERC Holiday | Double Erosion |
|-------------------------------|-----------------|--------------|----------------|
| Monday, May 27 th | No | Yes | No |
| Tuesday, May 28 th | Yes | No | No |

Customer Gross Margin File Submission

CME Clearing will use the CGM file submitted on Friday May 24th for processing on Monday, May 27th even if a firm submits a new CGM file for processing on Monday due to the Memorial Day Holiday.

Processing of Performance Bond Collateral

There will be no collateral processing for Monday, May 27, 2019, due to the Memorial Day holiday.

Money Market Mutual Funds will be closed for all transactions on **Monday May 27**th. No purchases or redemptions will be allowed for the IEF-2 program on Monday, May 27th. **Please refer to IEF2 processing deadline schedules on the last page of this advisory.**

A.M. Settlement Confirmations

Settlement variation and performance bond cash call amounts resulting from Friday, May 24th and Monday, May 27th, RTH settlement cycles will be confirmed by the settlement banks by 7:30 a.m. on Tuesday, May 28th. Settlement banks will process cash flows resulting from Friday and Monday's RTH settlement cycle on Tuesday, May 28th.

As securities near their maturity date, the values of these assets change. With this, Clearing Members may see changes in the asset values on deposit with CME the morning after the holiday. Changes in the value of collateral from Friday to Monday may result in PB calls, which will be banked on Tuesday morning.

Futures Foreign Currency Performance Bond Cash Withdrawals

Due to the holiday's effects on transaction processing, please note the following value dates on foreign currency performance bond cash withdrawals for entries made prior to 9am. Entries made after 9am will add an additional day for settlement. Cutoff times may vary by currency.

GBP Holiday on May 27th

AUD, CHF, CNH, CZK, DKK, HKD, HUF, JPY, NOK, NZD, PLN, SEK, SGD, ZAR

| Trade date | Value date | |
|-----------------------|----------------------|--|
| Thursday May 23, 2019 | Friday May 24, 2019 | |
| Friday May 24, 2019 | Tuesday May 28, 2019 | |

CAD, EUR, GBP, MXN

| Trade date | Value date | |
|---|---------------------|--|
| Friday May 24, 2019 | Friday May 24, 2019 | |
| No Transactions permitted Monday May 27, 2019 | N/A | |

Futures Foreign Currency Settlement Variation

Please note the following value dates for foreign currency settlement variation.

GBP Holiday on May 28th

AUD, CHF, CNH, JPY, NOK, NZD, SEK

| Trade date | Value date | |
|-----------------------|--------------------------|--|
| Thursday May 23, 2019 | Tuesday May 28, 2019 | |
| Friday May 24, 2019 | Wednesday May 29th, 2019 | |

CAD, EUR, GBP

| Trade date | Value date | |
|------------------------------------|----------------------|--|
| Friday May 24th, 2019 | Tuesday May 28, 2019 | |
| Monday May 27 th , 2019 | Tuesday May 28, 2019 | |

FOR OTC FX SETTLEMENT VALUE DATES PLEASE REFERENCE THE OTC ADVISORY NOTICE

Interest Earning Facility 2 (IEF2)

Please note the following deadlines for IEF2 processing – these times are **TENTATIVE** and will be confirmed before the actual holiday.

| Fund Family | 5/24/19 | 5/27/19 |
|----------------|--------------|---------|
| BlackRock | 2:30p.m CST | Closed |
| Dreyfus | 2:30p.m CST | Closed |
| DWS | 11:30p.m CST | Closed |
| Federated | 2:30p.m CST | Closed |
| First American | 2:30p.m CST | Closed |
| Goldman Sachs | 11:30p.m CST | Closed |
| HSBC | 1:30p.m CST | Closed |
| JP Morgan | 2:30p.m CST | Closed |
| Morgan Stanley | 1:30p.m CST | Closed |
| State Street | 11:30p.m CST | Closed |
| UBS | 2:30p.m CST | Closed |

Fund closing times are based on prior year's historical closing times. These times are subject to change at the fund's discretion.

For questions or further information: please contact CME Clearing at 312.207.2525 or CME Clearing Financial at 312.207.2594.