SERVICE HOTLINE

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Johannesburg Stock Exchange

Tel: +27 11 520 7000

www.jse.co.za

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TRADING, CLEARING AND SETTLEMENT MARKET SCHEDULE DECEMBER 2022 AND JANUARY 2023

Clients are advised of the Early Close Schedule that will be applied to the JSE markets on 23 and 30 December 2022 only, (all other business days to remain on normal trading hours). The following days are Public Holidays in South Africa:

- Friday, 16 December 2022
- Monday, 26 December 2022
- Monday, 2 January 2023

All JSE Markets will be closed on these Public Holidays

Note: The Bond ETP (Electronic Market) will be open as per the schedules provided. For the end of Trading Session times, refer to the end of the administration period.

The Commodity Market's Last Notice Day is on 23 December 2022. Due to the market closing at 11:00, members are advised to ensure that physical deliveries are done timeously.

The Equity Derivatives Futures Close-Out date is on Thursday, 15 December 2022, with physical settlement for this day taking place on 19 December 2022. Members must ensure that back-office staff looking after cash equities and bonds is available to assist the JSE Settlement Authority with any settlement issues. On 23 and 30 December 2022, all JSE systems' activity ends at 13:00; clients are reminded to ensure that all their trading and settlement related activities are completed before this time.

JSE Client Service Centre will provide on-site support on 23 and 30 December 2022 from 06:30 to 13:00, thereafter should clients still require JSE assistance, the normal after-hours support process will apply. The after-hours contact number is +27 11 5207900. Switchboard (+27 11 520 7000) operating hours are from 07:00 - 13:00.

All End of Day products will be delivered as per the usual SLA's.

Please refer to the tables below for detailed information on the trading sessions.

Markets / Services:

Equity Market

Derivatives Markets

- Equity Derivatives
- Interest Rate Derivatives
- Currency Derivatives
- Commodity Derivatives
 Bond Market
 Bond ETP Market

Information Subscribers Broker Deal Accounting (BDA)

Environment(s): Production

Additional Information:

If you have any queries about this announcement, please contact the Client Service Centre (CSC) on +27 11 520 7777 or e-mail CustomerSupport@jse.co.za

Issued By:

Valdene Reddy, Director of Capital Markets

All Market Trading session times for 23 and 30 December 2022 (all times are in SAST).

Equity Market

Note: Closing Prices for all instruments listed on the Equity Market will be available by 12:20.

EARLY CLOSE DAY - On Book Trades

SEGMENT	START OF TRADING	OPENING AUCTION CALL	CONTINUOUS TRADING	CONTINUOUS TRADING 1	INTRADAY AUCTION CALL	CONTINUOUS TRADING 2	CLOSING AUCTION CALL	CLOSING PRICE PUBLICATION	CLOSING PRICE CROSS	POST CLOSE
ZA01	07:00 - 08:30	08:30 - 09:00	09:00 - 11:50				11:50 - 12:00	12:00 - 12:02	12:02 - 12:10	12:10 - 13:00
ZA02	07:00 - 08:30	08:30 - 09:00	09:00 - 11:50				11:50 - 12:00	12:00 - 12:02	12:02 - 12:10	12:10 - 13:00
ZA03	07:00 - 08:30	08:30 - 09:00		09:00 - 11:00	11:00 - 11:15	11:15 - 11:50	11:50 - 12:00	12:00 - 12:02	12:02 - 12:10	12:10 - 13:00
ZA04	07:00 - 08:30	08:30 - 09:10	09:10 - 11:49					11:49 - 11:50		11:50 - 13:00
ZA06	07:00 - 09:00		09:00 - 11:50					11:50 - 11:52	11:52 - 12:00	12:00 - 13:00
ZA12	07:00 - 08:30	08:30 - 09:00	09:00 - 12:00				12:00 - 12:10	12:10 - 12:12	12:12 - 12:20	12:20 - 13:00
ZA11	07:00 - 08:30	08:30 - 09:00		09:00 - 11:00	11:00 - 11:15	11:15 - 11:50	11:50 - 12:00	12:00 - 12:02	12:02 - 12:10	12:10 - 13:00
Functionality allowed	View open/expired orders	Order entry/amendment/ deletion	Order entry/amendment/d eletion; automatic matching	Order entry/amendment/d eletion; automatic matching	Order entry/amendment/d eletion	Order entry/amendment/d eletion; automatic matching	Order entry/amendment/d eletion	Closing price publication; order deletion	Order entry, order modification (except price), order deletion	Order deletion; GTT orders are expired

EARLY CLOSE DAY - Off Book Trades

SEGMENT	TRADE REPORTING	Post Close
ZA01		
ZA02		
ZA03		13:00 - 13:05
ZA04	08:00 - 13:00	
ZA06		
ZA12		
ZA11		
Functionality allowed	Manage Off Book trades	

Derivatives Markets

Equity Derivatives

Name	Start Time	End Time
Start of Trading Session	07:00	08:15
Opening Auction Call Session	08:15	08:30
Continuous Trading Session	08:30	12:15
Post Close	12:15	13:00
Trade Reporting	08:00	13:00

Commodity Derivatives - Grain products

Name	Start Time	End Time
Open order period (all grain contracts)	08:50	09:00
Market Open (Continuous Trading)	09:00	11:00
Spot Basis Trading	09:00	11:20
Mark to Market	10:55	11:00
Market Close		11:00
Administration Period	11:00	11:30
Market Offline (only file downloads allowed)	1	1:30

Global Markets Products (Cash Settled Metal and Energy contracts including Quanto futures)

Name	Start Time	End Time
Open order period	08:50	09:00
Market Open (Continuous Trading)	09:00	11:00
Continuous Trading	09:00	11:00
Mark to Market	10:55	11:00
Market Close		11:00
Administration Period	11:00	11:30
Market Offline (only file downloads allowed)	1:	1:30

Currency Derivatives

Name	Start Time	End Time
Start of Trading Session	07:00	09:00
Continuous Trading Session	09:00	12:00
Post Close (Formerly Administration period)	12:00	13:00
Trade Reporting	08:00	13:00

Note: The relevant Any-Day contracts will expire at 12:00

Bond Market (Bond ETP – MTS Market will remain open as per schedules below)

Date	Bond MTM	MTM Publication	Daily Stats	System Availability (Nutron)	Settlement Times
19 - 22 December 2022	12:00	12:45	19:00	07:00 - 18:00	Standard
23 December 2022	12:00	12:45	13:00	07:00 - 12:00	09:00 & 11:00
27 - 29 December 2022	12:00	12:45	19:00	07:00 - 18:00	Standard
30 December 2022	12:00	12:45	13:00	07:00 - 12:00	09:00 & 11:00
3 January 2023	16:30	17:30	19:00	07:00 - 18:00	Standard

Interest Rate Derivatives (IRD)

Note that IRD MTM times align with those stipulated for the Bond Market.

Period	MTM Times:	MTM Times:	
	All IRD except Jibar Futures	Jibar Futures only	
19 - 22 December 2022	As per Bond Market	11h00	
27 - 29 December 2022			
23 December 2022	See Early Close Schedule in	See Early Close Schedule in	
30 December 2022	Table below	Table below	

Name	All IRD except Jibar Futures	Jibar Futures only
Administration Period	07:00 - 09:00	07:00 - 08:00
Market Open	09:00	08:00
Continuous Trading	09:00 - 12:00	08:00 - 12:00
MTM time	As per Bond Market	11:00
Market Close	12:00	12:00
Administration Period	N/A	N/A
Market Offline (only file downloads allowed)	12:00	12:00

Interest Rate Derivatives (IRD): Early Close Schedule for 23 and 30 December 2023 only

JSE Live Information Services - Service Hours

The service hours on 23 and 30 December 2022 | 06:30 - 20:30.

On 23 and 30 December 2022, SENS will release announcements between 07:05 - 12:50. Announcements submitted after 12:50 will be stored and released the next business day.

Equity Settlement

Settlement will continue to take place on a T+3 business day, compulsory reverse substitution will take place at 16:00 as per normal on 23 and 30 December 2022.

Trade Date	Settlement Date		
Monday, 12 December 2022	Thursday, 15 December 2022		
Tuesday, 13 December 2022	Monday, 19 December 2022		
Wednesday, 14 December 2022	Tuesday, 20 December 2022		
Thursday, 15 December 2022	Wednesday, 21 December 2022		
Monday, 19 December 2022	Thursday, 22 December 2022		
Tuesday, 20 December 2022	Friday, 23 December 2022		
Wednesday, 21 December 2022	Tuesday, 27 December 2022		
Thursday, 22 December 2022	Wednesday, 28 December 2022		
Friday, 23 December 2022	Thursday, 29 December 2022		
Tuesday, 27 December 2022	Friday, 30 December 2022		
Wednesday, 28 December 2022	Tuesday, 3 January 2023		
Thursday, 29 December 2022	Wednesday, 4 January 2023		
Friday, 30 December 2022	Thursday, 5 January 2023		
Tuesday, 3 January 2023	Friday, 6 January 2023		
Wednesday, 4 January 2023	Monday, 9 January 2023		
Thursday, 5 January 2023	Tuesday, 10 January 2023		
Friday, 6 January 2023	Wednesday, 11 January 2023		

Bond Settlement (Interest Rate Market)

Settlement will continue to take place on a T+3 business day. The same day trading window will close at 11:00 on 23 and 30 December 2022, members to ensure all covers are booked prior to the same day window closing and no extensions will be granted.

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Trade Date	Settlement Date		
Monday, 12 December 2022	Thursday, 15 December 2022		
Tuesday, 13 December 2022	Monday, 19 December 2022		
Wednesday, 14 December 2022	Tuesday, 20 December 2022		
Thursday, 15 December 2022	Wednesday, 21 December 2022		
Monday, 19 December 2022	Thursday, 22 December 2022		
Tuesday, 20 December 2022	Friday, 23 December 2022		
Wednesday, 21 December 2022	Tuesday, 27 December 2022		
Thursday, 22 December 2022	Wednesday, 28 December 2022		
Friday, 23 December 2022	Thursday, 29 December 2022		
Tuesday, 27 December 2022	Friday, 30 December 2022		
Wednesday, 28 December 2022	Tuesday, 3 January 2023		
Thursday, 29 December 2022	Wednesday, 4 January 2023		
Friday, 30 December 2022	Thursday, 5 January 2023		
Tuesday, 3 January 2023	Friday, 6 January 2023		
Wednesday, 4 January 2023	Monday, 9 January 2023		
Thursday, 5 January 2023	Tuesday, 10 January 2023		
Friday, 6 January 2023	Wednesday, 11 January 2023		

Other Application Availability and End of Day Dissemination Services

The 23 and 30 December 2022 will be normal production days during which all other online applications, downloads and uploads will be available according to normal SLA times.

Users of various applications are to note that BDA will be available on Monday, 26 December 2022 and Monday, 2 January 2023.