

*User Manual*

*for*

*Daily Price Submission*

Version	Changes	Date
1.0	Initial Version	30/03/2011
1.1	Updated screenshots.	31/10/2013
1.2	Removed submission of Comm Bill and Repo Rates from Daily Prices.	31/12/2013
1.3	Updated with CorpPass login	06/09/2020
1.4	Updated with Singpass login page	30/03/2021

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## Preface

### About this manual

#### ***Introduction***

This preface introduces this manual and contains the following sections:

- "Purpose of this manual"
- "How this manual is organized"

#### ***Purpose of this manual***

This manual provides information on the Daily Price Submission module of eApps.

#### ***How this manual is organized***

This manual is divided into the following main chapters:

- Chapter 1: Daily Price Submission Overview
- Chapter 2: Using Daily Price Submission

## Chapter 1

### Daily Price Submission Overview

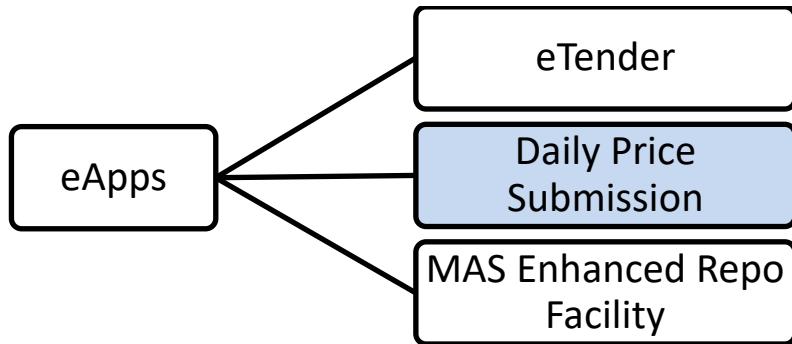
#### ***About this chapter***

This chapter provides a brief overview of the Daily Price Submission module of eApps (“Daily Price Submission”). This chapter contains the following topics:

- "Introducing Daily Price Submission"
- "Features of Daily Price Submission"

## ***Introducing Daily Price Submission***

Daily Price Submission is a component of the eApps System. Please see the following chart:



Daily Price Submission provides a web interface for Primary Dealer banks to submit daily closing prices of SGS and MAS Bills.

## ***Features of Daily Price Submission***

Daily Price Submission offers the following functions:

- Banks may upload daily prices in “.csv” file format.
- Banks may submit daily prices using an online form.
- Banks may view today’s submission.
- Banks may make amendments to today’s submission.

## Chapter 2

### Using Daily Price Submission

#### ***About this chapter***

- "Overview of Daily Price Submission"
- "Using Daily Price Submission"

#### ***Overview of Daily Price Submission***

Daily Price Submission is a web-based application. It allows users to:

1. Upload daily price “.csv” file to MAS.
2. View today’s submission.
3. Make amendment to today’s submission.

## Using Daily Price Submission

### A. Login

1. Banks need to log in to the eApps system via the following link (<https://eservices.mas.gov.sg/sgeapps/>) before using Daily Price Submission.
2. Click on the **login button** and proceed to login.

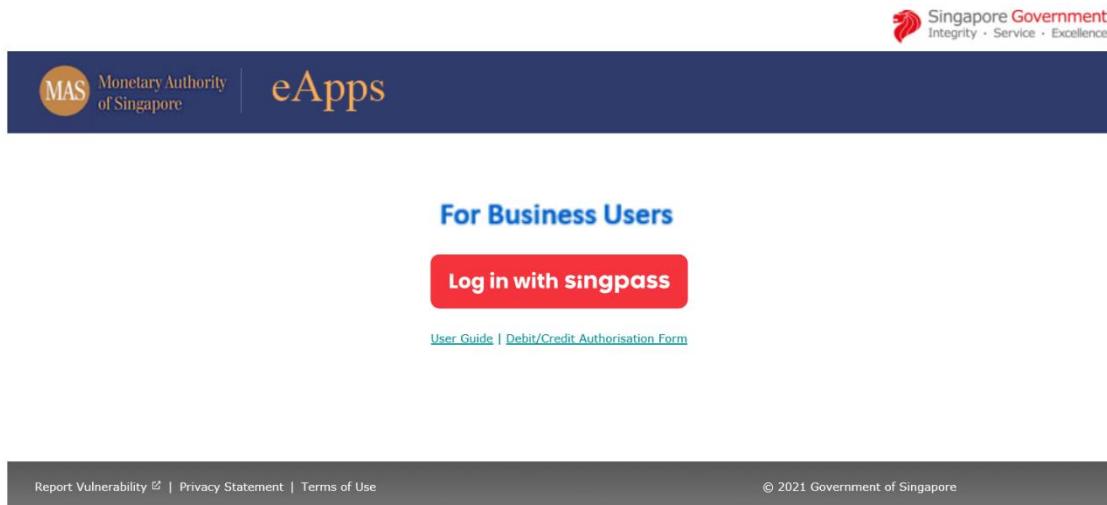


Figure 1 eApps Login

## B. eApps Menu

1. After login, you will see the eApps menu<sup>1</sup>. For Daily Price Submission, select the fourth menu item “Daily Price”. At any time, you can also click on the “Help” button at the top of the eApps menu for assistance.

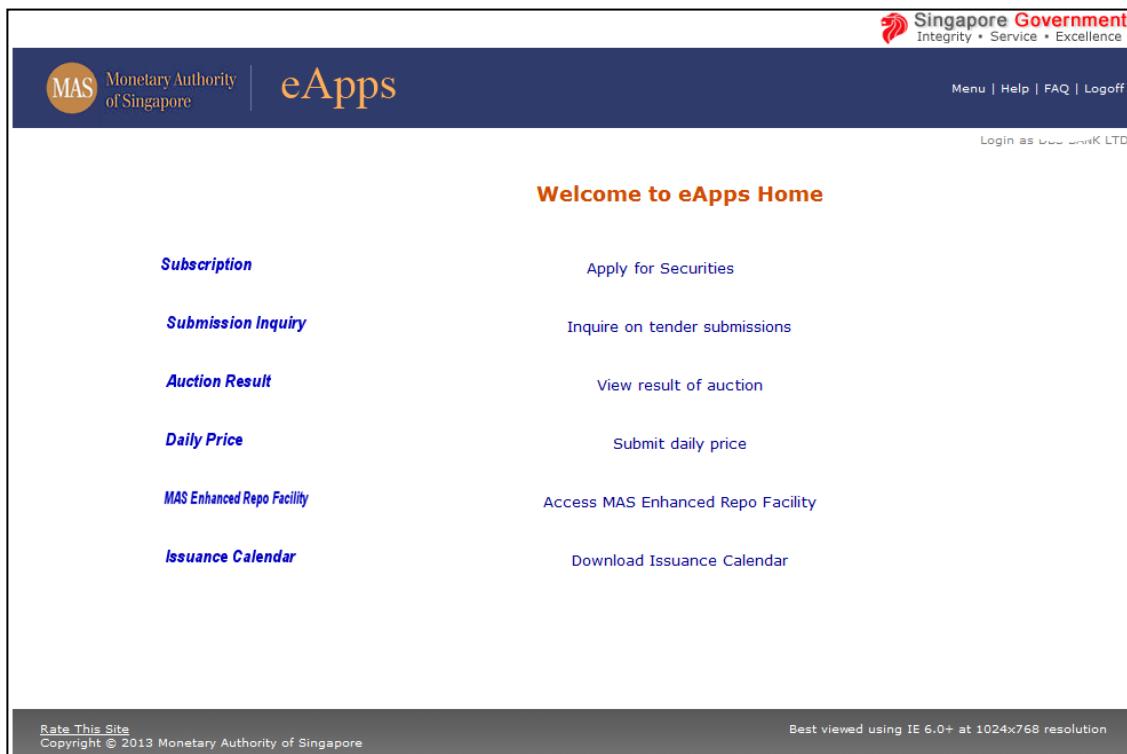


Figure 2 eApps Main Menu

<sup>1</sup> Please note that the Issuance Calendar is applicable to DBS, UOB and OCBC only.

## C. Daily Price Menu

1. There is only one menu item “Input/View/Modify today’s data” for banks to upload, view or modify today’s daily prices for SGS and MAS Bills. Banks should upload daily prices for SGS and MAS Bills in the same “.csv” file.
2. By clicking the “Submit” button, you will see:
  - (a) the upload file screen if no data has been submitted today.
  - (b) a form that displays today’s submission if data has already been submitted today.
3. If you need to make any modification to today’s submission, please contact MAS to set today’s submission to “draft”. You may then proceed to make the changes through the same menu item.

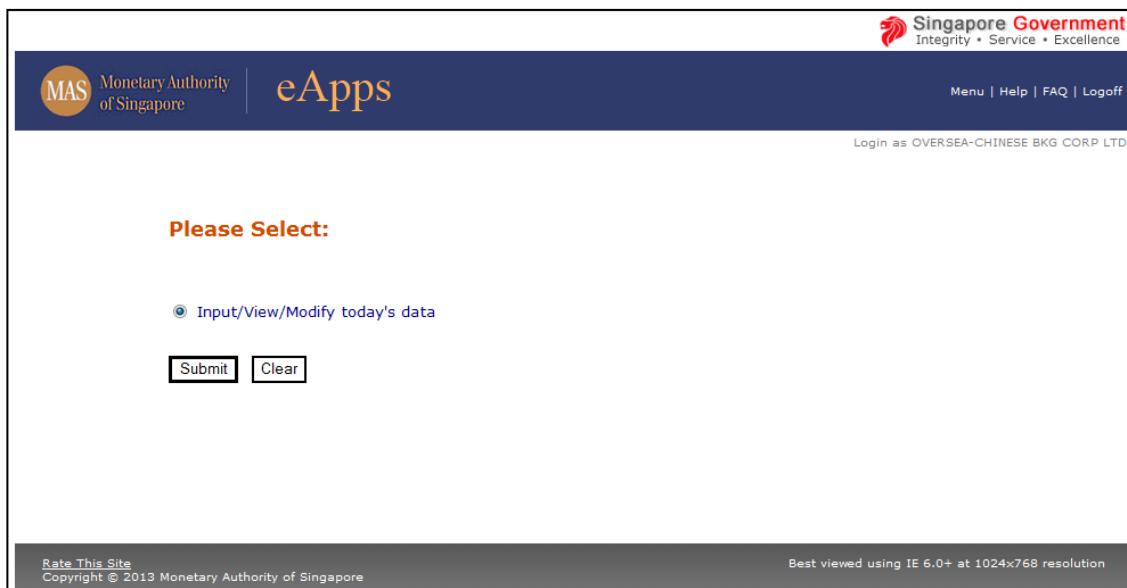


Figure 3 Daily Price Menu

## D. Upload File

1. This screen allows you to select the daily price “.csv” file to be uploaded to MAS.

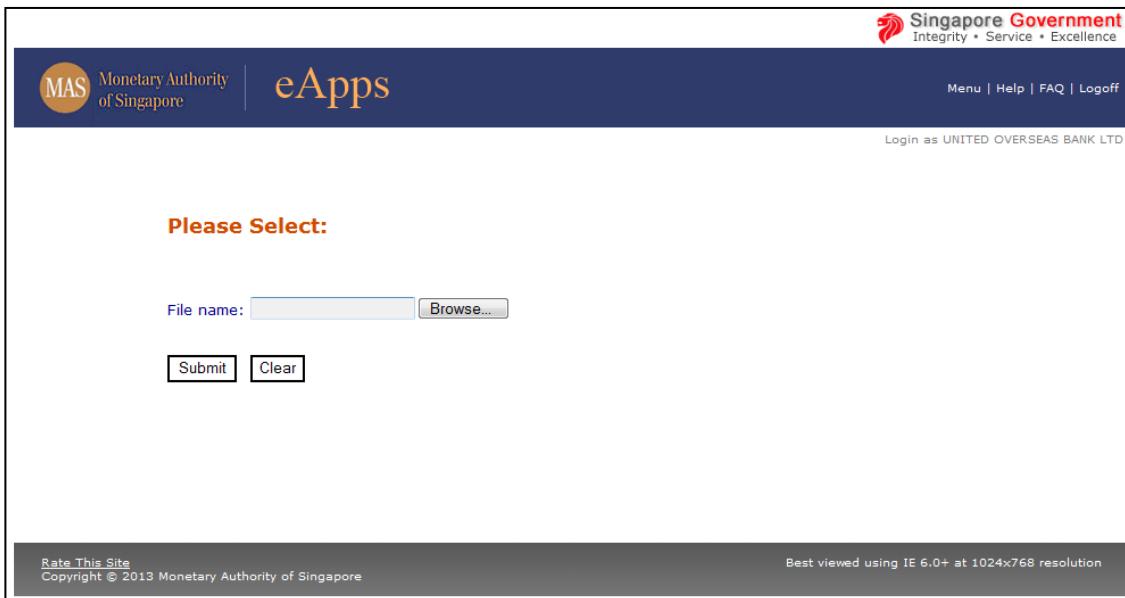


Figure 4 Upload file option

2. Click on the “Browse” button to select the “.csv” file.

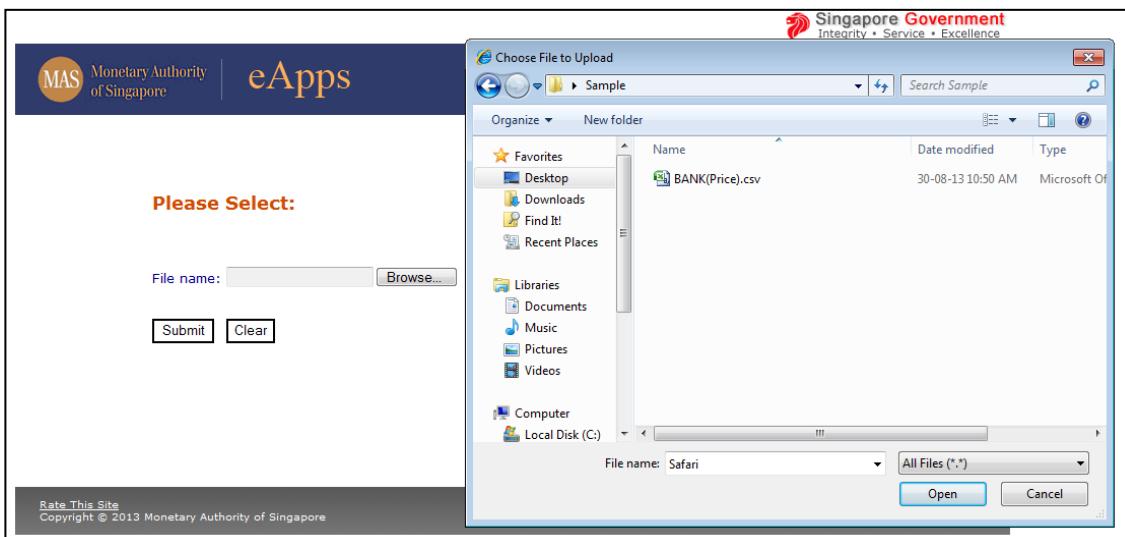


Figure 5 Select file to upload

3. After the daily price “.csv” file is selected, the screen display will be as follows:

The screenshot shows the eApps interface for the Monetary Authority of Singapore. At the top, there is a logo for MAS (Monetary Authority of Singapore) and the text "eApps". On the right side, there is a "Singapore Government" logo with the tagline "Integrity • Service • Excellence", along with links for "Menu | Help | FAQ | Logoff" and "Login as UNITED OVERSEAS BANK LTD". Below the header, a message "Please Select:" is displayed. Underneath it, there is a file input field labeled "File name: C:\temp\UserResponse" with a "Browse..." button. Below the file input are two buttons: "Submit" and "Clear". At the bottom of the page, there is a footer bar with links for "Rate This Site" and "Copyright © 2013 Monetary Authority of Singapore", and a note that says "Best viewed using IE 6.0+ at 1024x768 resolution".

**Figure 6 Select file to upload (2)**

4. Click the “Submit” button to upload the file. If there is any error with the file, you will see the following screen:

The screenshot shows the eApps interface for the Monetary Authority of Singapore. At the top, there is a logo for MAS (Monetary Authority of Singapore) and the text "eApps". On the right side, there is a "Singapore Government" logo with the tagline "Integrity • Service • Excellence", along with links for "Menu | Help | FAQ | Logoff" and "Login as UNITED OVERSEAS BANK LTD". Below the header, the title "Input/View/Modify Daily Price" is displayed. Underneath it, the date "Date: 30/08/2013" and the bank "Bank: UNITED OVERSEAS BANK LTD" are shown. A red error message "Please re-enter the entries labeled in red" is displayed, followed by the text "We either had trouble understanding those fields, or need additional information." Below this, a long list of error messages is provided, each starting with a red bullet point and a red label like "ML13201E!" or "BS13530U!". The errors include various bid and offer fields for different currency pairs.

**Figure 7 Upload file option (error)**

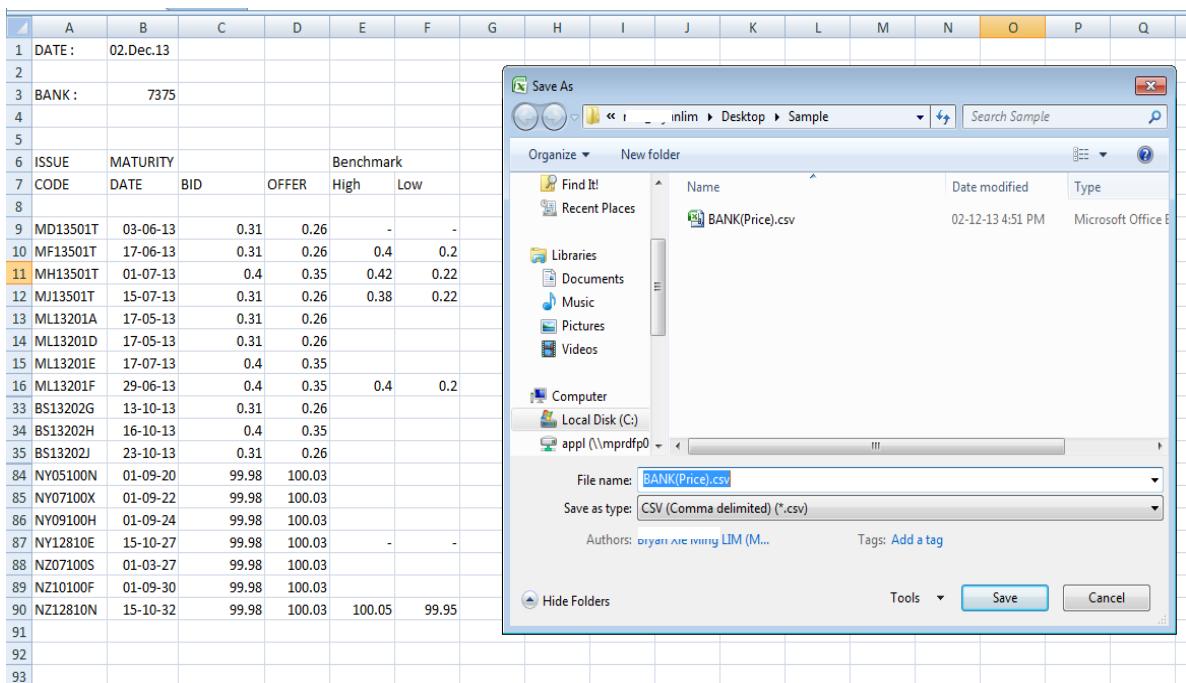
## E. Daily Price “.csv” File Format

1. The format of the Daily Price “.csv” file should be exactly as follows (Please open the attached file “BANK(Price).csv” for a sample):
  - (a) The first line contains text “Date:” and today’s date. Date should be in “dd.mmm.yy” format.
  - (b) Every issue should occupy one line.
  - (c) For SGS, T Bills, MAS Bills issues, each line should start with issue code, followed by maturity date, bid/offer prices, and high/low price if the issue is a benchmark issue. **Please note that you should enter ‘-’, instead of ‘0’ if there is no highest/lowest price available for that issue.**

	A	B	C	D	E	F
1	DATE :	02.Dec.13				
2						
3	BANK :	7375				
4						
5						
6	ISSUE	MATURITY			Benchmark	
7	CODE	DATE	BID	OFFER	High	Low
8						
9	MD13501T	03-06-13	0.31	0.26	-	-
10	MF13501T	17-06-13	0.31	0.26	0.4	0.2
11	MH13501T	01-07-13	0.4	0.35	0.42	0.22
12	MJ13501T	15-07-13	0.31	0.26	0.38	0.22
13	ML13201A	17-05-13	0.31	0.26		
14	ML13201D	17-05-13	0.31	0.26		
15	ML13201E	17-07-13	0.4	0.35		
16	ML13201F	29-06-13	0.4	0.35	0.4	0.2
33	BS13202G	13-10-13	0.31	0.26		
34	BS13202H	16-10-13	0.4	0.35		
35	BS13202J	23-10-13	0.31	0.26		
84	NY05100N	01-09-20	99.98	100.03		
85	NY07100X	01-09-22	99.98	100.03		
86	NY09100H	01-09-24	99.98	100.03		
87	NY12810E	15-10-27	99.98	100.03	-	-
88	NZ07100S	01-03-27	99.98	100.03		
89	NZ10100F	01-09-30	99.98	100.03		
90	NZ12810N	15-10-32	99.98	100.03	100.05	99.95
91						

Figure 8 Sample "csv" file

2. The “.csv” file can be generated using Microsoft Excel. When saving the daily price Excel file, you should select “CSV (Comma delimited)” for the “Save as type”, as shown below:



**Figure 9 Sample csv file (2)**

## F. Daily Price Web Form

- Upon uploading the “.csv” file, the eApps back-end system will parse the file and display the details in a web form. If the “.csv” file contains any errors, the errors will be highlighted. Please make the necessary amendments and click on the “Submit” button.

**Input/View/Modify Daily Price**

Date: 28/10/2013  
Bank: UNITED OVERSEAS BANK LTD

Please re-enter the entries labeled in red  
We either had trouble understanding those fields, or need additional information.

- Please enter Bid for MA13100W!

	Issue Code	Maturity Date	Bid	Offer	Highest Done	Lowest Done
	MA13100W	30/10/2013		0.0		
8-wk	MH13000X	11/12/2013	-0.08	-0.13	0.0	0.0
12-wk	ML13000T	08/01/2014	0.15	0.1	0.0	0.0
	MZ13000A	16/04/2014	0.25	0.2		
	BQ13000F	10/01/2014	-0.05	-0.1		
	BS13000X	11/04/2014	0.06	0.01		
1-yr	BY13000A	10/10/2014	0.4	0.35	0.0	0.0
	N213000V	12/10/2015	99.4	99.45		
	NY01100F	01/09/2016	99.98	100.03		
	NY05100N	01/09/2020	99.98	100.03		
	NY10101A	01/11/2025	100.0	100.05		
	NY12800W	15/09/2027	100.0	100.05		
15-yr	NY13000W	11/10/2028	100.0	100.05	-	-
	NZ08082B	15/08/2028	100.0	100.05		
	NZ08083C	31/12/2020	100.0	100.05		
	NZ10101A	15/01/2031	100.0	100.05		
20-yr	NZ13000H	11/10/2033	100.0	100.05	-	-
	NA12800Z	15/09/2042	100.0	100.05		
30-yr	NA13000Z	11/10/2043	100.0	100.05	-	-
<input type="checkbox"/> Save as draft						
<input type="button" value="Submit"/> <input type="button" value="Reset"/>						

Figure 10 Partially successful upload of file (Sample)

## G. Confirmation Page

1. On this page, you will need to confirm that all the data is correct, and click on the “Confirm” button. The confirmation date/time, the bank’s name and eApps user id will be displayed.
2. The System may generate some warning messages following the confirmation of the submission. If necessary, you can modify the data by clicking on the “Cancel” button to return to the web form page. Otherwise, if all the submitted data is correct, you may ignore the warning messages and click on the “Confirm” button.

**Please Confirm Your Submission.**

- Daily price for date: 02/12/2013.
- Bank: UNITED OVERSEAS BANK LTD.
- Your user id with eApps is: A7375T01.
- Date/Time: 02-12-2013 17:47:07.
- The submission is saved in draft mode.
- Please click on the button below to confirm your submission.

---

**Warning:**

- Offer gives a negative yield for N213000V!
- Offer gives a negative yield for N508082B!
- Offer gives a negative yield for N512800E!
- Offer gives a negative yield for N708081A!
- Offer gives a negative yield for N999003C!
- Offer gives a negative yield for N9FMA321!
- Offer gives a negative yield for N9FMA456!
- Offer gives a negative yield for N9HSBC20!
- Offer gives a negative yield for N9OKBB88!
- Offer gives a negative yield for NX08083C!
- Offer gives a negative yield for NX09092B!
- Offer gives a negative yield for NX09093C!
- Offer gives a negative yield for NX10501A!
- Offer gives a negative yield for NX12800A!
- Offer gives a negative yield for NY10101A!
- Offer gives a negative yield for NY12800W!
- Offer gives a negative yield for NZ08082B!
- Offer gives a negative yield for NZ08083C!
- Offer gives a negative yield for NZ10101A!
- Offer gives a negative yield for NA12800Z!

Figure 11 Confirmation page

## H. Transaction Succeeded Page

1. This page displays the details of the transaction confirmed. You will be prompted to print a copy of the page for your reference.
2. Click on the “Return” button to go back to the main menu.

The screenshot shows the 'eApps' interface for the Monetary Authority of Singapore. At the top, there are logos for MAS (Monetary Authority of Singapore) and the Singapore Government, followed by links for 'Menu | Help | FAQ | Logoff'. The title 'Transaction Succeeded.' is displayed in orange. Below it, a message states: 'Your submission has been accepted. Please print a copy for reference.' It lists several transaction details: Date: 02/12/2013, Bank: UNITED OVERSEAS BANK LTD., Token User Id: A7375T01, and Date/Time: 02-12-2013 17:51:11. A large table follows, showing transaction details categorized by term (8-wk, 12-wk, 6-mth, 2-yr, 5-yr, 10-yr, 15-yr, 20-yr, 30-yr). The table columns include Issue Code, Maturity Date, Bid, Offer, Highest Done, and Lowest Done. At the bottom of the page are 'Return' and 'Print' buttons.

	Issue Code	Maturity Date	Bid	Offer	Highest Done	Lowest Done
8-wk	MH13000X	11/12/2013	0.1	0.05	0.0	0.0
12-wk	ML13000T	08/01/2014	0.15	0.1	0.0	0.0
	MZ13000A	16/04/2014	0.25	0.2		
	MZ130000	16/04/2014	0.25	0.2		
6-mth	BS13203U	26/05/2014	0.3	0.25	0.35	0.2
2-yr	NZ12000N	15/11/2015	99.4	99.45	0.0	0.0
	NZ13000V	12/10/2015	99.4	99.45		
	NS08082B	01/02/2014	99.5	99.55		
	NS12800E	15/09/2017	99.5	99.55		
	NS13000F	11/10/2018	99.98	100.03		
	N708081A	15/11/2015	99.5	99.55		
	N999003C	01/02/2024	99.5	99.55		
	N9FMA321	09/03/2014	99.5	99.55		
	N9FMA456	09/03/2014	99.5	99.55		
	N9HSBC20	20/04/2014	99.5	99.55		
	N9OKB888	23/09/2015	99.5	99.55		
	NX04100F	01/07/2014	101.5	101.55		
5-yr	NX08083C	15/10/2018	99.5	99.55	0.0	0.0
	NX09092B	01/10/2019	99.5	99.55		
	NX09093C	28/09/2019	99.5	99.55		
	NX10101A	15/10/2020	98.5	98.55		
	NX10501A	15/06/2020	99.5	99.55		
	NX11500A	15/03/2021	100.0	100.05		
	NX12800A	15/09/2022	99.5	99.55		
10-yr	NX13000A	11/10/2023	100.0	100.05	0.0	0.0
	NY01100F	01/09/2016	110.0	110.05		
	NY05100N	01/09/2020	107.1	107.15		
	NY10101A	01/11/2025	99.5	99.55		
	NY12800W	15/09/2027	99.0	99.05		
15-yr	NY13000W	11/10/2028	100.0	100.05	0.0	0.0
	NZ08082B	15/08/2028	99.5	99.55		
	NZ08083C	31/12/2020	99.5	99.55		
	NZ10101A	15/01/2031	99.5	99.55		
20-yr	NZ13000H	11/10/2033	100.0	100.05	0.0	0.0
	NA12800Z	15/09/2042	99.5	99.55		
30-yr	NA13000Z	11/10/2043	100.0	100.05	0.0	0.0

[Return](#) [Print](#)

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Best viewed using IE 6.0+ at 1024x768 resolution

Figure 12 Transaction succeeded page

## I. Display Daily Price

- This page displays your Daily Price submission. Please contact the MAS Monetary and Domestic Markets Management Department at 6229 9150 if you want to make any amendments.

The screenshot shows a web interface for viewing daily price submissions. At the top, there's a header with the MAS logo, the text 'Monetary Authority of Singapore' and 'eApps'. On the right side of the header are links for 'Menu', 'Help', 'FAQ', and 'Logoff'. Below the header, it says 'Login as UNITED OVERSEAS BANK LTD'. In the center, the title 'View Daily Price' is displayed in red. Below it, the date 'Date: 28/10/2013' and the bank name 'Bank: UNITED OVERSEAS BANK LTD' are shown. A table follows, with columns: Issue Code, Maturity Date, Bid, Offer, Highest Done, and Lowest Done. The table contains numerous rows of data, categorized by term length: 8-wk, 12-wk, and 1-yr. Some entries in the 'Offer' column are highlighted in red.

	Issue Code	Maturity Date	Bid	Offer	Highest Done	Lowest Done	
8-wk	MA13100W	30/10/2013	0.05	0.0			
	MH13000X	11/12/2013	-0.08	-0.13	0.0	0.0	
	12-wk	ML13000T	08/01/2014	0.15	0.1	0.0	0.0
		MZ13000A	16/04/2014	0.25	0.2		
1-yr		BQ13000F	10/01/2014	-0.05	-0.1		
		BS13000X	11/04/2014	0.06	0.01		
	BY13000A	10/10/2014	0.4	0.35	0.0	0.0	
	N213000V	12/10/2015	99.4	99.45			
5-yr	N508081A	01/11/2013	100.0	100.05			
	N508082B	01/02/2014	100.0	100.05			
	N512800E	15/09/2017	100.0	100.05			
	N513000E	11/10/2018	99.98	100.03			
	N708081A	15/11/2015	100.0	100.05			
	N999003C	01/02/2024	100.0	100.05			
	N9FMA321	09/03/2014	100.0	100.05			
	N9FMA456	09/03/2014	100.0	100.05			
	N9HSBC20	20/04/2014	100.0	100.05			
	N9OKB888	23/09/2015	100.0	100.05			
	NX04100F	01/07/2014	102.48	102.53			
	NX08083C	15/10/2018	100.0	100.05	0.0	0.0	
	NX09092B	01/10/2019	100.0	100.05			
	NX09093C	28/09/2019	100.0	100.05			
	NX10101A	15/10/2020	98.5	98.55			
NX10501A	15/06/2020	100.0	100.05				

Figure 13 Display of daily price submitted

## J. Modify Daily Price Page

1. If you want to make amendments to today's submission, please contact the MAS Monetary and Domestic Markets Management Department to set the submission to "draft". You will then be able to make the necessary changes in a web form, as follows:

The screenshot shows the 'Input/View/Modify Daily Price' page. At the top, there are logos for MAS (Monetary Authority of Singapore) and eApps, along with the Singapore Government logo and links for Menu, Help, FAQ, and Logoff. The date is listed as 28/10/2013 and the bank as UNITED OVERSEAS BANK LTD. A message at the top says 'Please re-enter the entries labeled in red'.

	Issue Code	Maturity Date	Bid	Offer	Highest Done	Lowest Done
	MA13100W	30/10/2013	<span style="border: 1px solid red;">0.0</span>			
8-wk	MH13000X	11/12/2013	-0.08	-0.13	0.0	0.0
12-wk	ML13000T	08/01/2014	0.15	0.1	0.0	0.0
	MZ13000A	16/04/2014	0.25	0.2		
	BQ13000F	10/01/2014	-0.05	-0.1		
	BS13000X	11/04/2014	0.06	0.01		
1-yr	BY13000A	10/10/2014	0.4	0.35	0.0	0.0
	N213000V	12/10/2015	99.4	99.45		

Figure 14 Modify daily price