

債券利率定價合理性說明資訊揭露

一、發行人資訊(Issuer information)

發行人名稱(Issuer)	加拿大豐業銀行 The Bank of Nova Scotia
國籍(Nationality)	加拿大 Canada
所屬產業(Industry)	銀行業 Banks

二、債券發行資訊(Bond information)

最近三個月內發行人於海外未有發行相同年期及贖回權結構之債券，免填下表右欄

	本次於台灣發行之國際債券	最近三個月於海外發行之債券
債券名稱(Bond name)	The Bank of Nova Scotia USD 80,000,000 Callable Zero Coupon Notes due January 24, 2049	
債券代號(Bond code)	F09911	
債券簡稱(Short name)	P19BNS1	
ISIN	XS1935312618	
幣別(Currency)	美金 USD	
發行日期(Issue date)	2019/1/24	
定價日期(Pricing date)	2019/1/4	
發行年期(Tenor)	30	
發行金額 (Amount of issuance)	80,000,000	
發行價格(Issue price)	100	
計付息方式 (Coupon type)	<input type="checkbox"/> 固定利率(Fixed) <input type="checkbox"/> 浮動利率(Floating) <input checked="" type="checkbox"/> 零息債(Zero coupon)	<input type="checkbox"/> 固定利率(Fixed) <input type="checkbox"/> 浮動利率(Floating) <input type="checkbox"/> 零息債(Zero coupon)
計付息條件說明 (Details relating to interest payment)	No interest payment	
提前贖回條件 (Early redemption)	<input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Callable, non-call <u>5 X 1</u> <input type="checkbox"/> Make-whole call	<input type="checkbox"/> Not Applicable <input type="checkbox"/> Callable, non-call ____X____ <input type="checkbox"/> Make-whole call
提前贖回條件說明 (Details relating to redemption)	Subject to early redemption, the Bonds will be fully repaid by the Issuer at 444.714695% of the calculation amount (representing an annual IRR of 5.10%, as the	

	本次於台灣發行之國際債券	最近三個月於海外發行之債券
	remium calculated on compound interest rate) in U.S. Dollars on the Maturity Date	
信用評等(Credit rating)	<input checked="" type="checkbox"/> 發行人信用評等 <input type="checkbox"/> 債券信用評等	<input type="checkbox"/> 發行人信用評等 <input type="checkbox"/> 債券信用評等
信評機構(Rating agency)	Moody's/S&P/Fitch	
信用評等(Rating)	A2/A-/AA-	

三、債券定價資訊(Pricing information)

最近三個月內發行人於海外未有發行相同年期及贖回權結構之債券，免填下表右欄

	本次於台灣發行之國際債券	最近三個月於海外發行之債券
定價日期(Pricing date)	2019/1/4	
本次債券利率(Interest) (A)	隱含利率 IRR 5.10%	
定價之參考指標利率名稱 (Benchmark)	30 年期美金 IRS	
定價日參考指標利率價格 (Benchmark at the pricing date) (B)	2.8199%	
本次定價利率加碼 (Interest rate spread) (C)	228.01bps	

註：本次債券利率(A)=定價日參考指標利率價格(B)+本次定價利率加碼(C)

綜上資訊，本次發行之債券定價尚屬合理。

備註(Notes)
N.A.

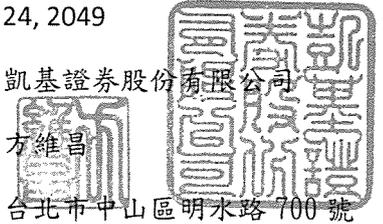
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以上資訊均屬真實，同意櫃買中心於網站對外揭露本次債券定價資訊，供投資人參考。

債券名稱： The Bank of Nova Scotia USD
80,000,000 Callable Zero
Coupon Notes due January
24, 2049

主辦承銷商： 凱基證券股份有限公司
代表人： 方維昌
公司地址： 台北市中山區明水路700號



USSWAP30 2.9231 As of 18 Jan Source BGN

USSWAP30 BGN Curncy		90 Export	97 Settings	Page 1/6	Historical Price Table	
USD SWAP SEMI 30/360 30Y				High	3.3405	on 11/02/18
Range	01/22/2018	-	01/18/2019	Period	Daily	Low 2.7235 on 01/03/19
Market	Mid Px			Currency	USD	Average 3.0118
View	Price Table			Source	BGN	Net Chg .1206 4.30%

Date	Mid Px	Date	Mid Px	Date	Mid Px
Fr 01/18/19	2.9232	Fr 12/28/18	2.8490	Fr 12/07/18	2.9900
Th 01/17/19	2.8885	Th 12/27/18	2.8917	Th 12/06/18	3.0459
We 01/16/19	2.8735	We 12/26/18	2.9102	We 12/05/18	3.0520
Tu 01/15/19	2.8645	Tu 12/25/18	2.8529	Tu 12/04/18	3.0527
Mo 01/14/19	2.8506	Mo 12/24/18	2.8529	Mo 12/03/18	3.1164
Fr 01/11/19	2.8422	Fr 12/21/18	2.9077	Fr 11/30/18	3.1339
Th 01/10/19	2.8773	Th 12/20/18	2.9290	Th 11/29/18	3.1625
We 01/09/19	2.8365	We 12/19/18	2.8465	We 11/28/18	3.1859
Tu 01/08/19	2.8483	Tu 12/18/18	2.9242	Tu 11/27/18	3.1900
Mo 01/07/19	2.8249	Mo 12/17/18	2.9735	Mo 11/26/18	3.1966
Fr 01/04/19	2.8199	Fr 12/14/18	3.0008	Fr 11/23/18	3.1930
Th 01/03/19	2.7235	Th 12/13/18	3.0248	Th 11/22/18	3.2090
We 01/02/19	2.7818	We 12/12/18	3.0106	We 11/21/18	3.2089
Tu 01/01/19	2.8374	Tu 12/11/18	2.9875	Tu 11/20/18	3.2059
Mo 12/31/18	2.8381	Mo 12/10/18	2.9720	Mo 11/19/18	3.2051

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