Grupo Financiero Scotiabank Inverlat

Financial statements

December 31, 2018 and 2017

(With Independent Auditors' Report Thereon) (Free Translation from Spanish Language Original)



KPMG Cárdenas Dosal, S.C.

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Independent Auditors' Report (Translation from Spanish language original)

The Board of Directors and Stockholders Scotia Inverlat Casa de Bolsa, S. A. de C. V., Grupo Financiero Scotiabank Inverlat:

(Millions of Mexican pesos)

Opinion

We have audited the financial statements of Scotia Inverlat Casa de Bolsa, S. A. de C. V., Grupo Financiero Scotiabank Inverlat (the Brokerage Firm), which comprise the balance sheets as of December 31, 2018 and 2017, the statements of income, changes in stockholders' equity and cash flows for the years then ended, and notes comprising a summary of significant accounting policies and other explanatory information.

In our opinion, the accompanying financial statements of Scotia Inverlat Casa de Bolsa, S. A. de C. V., Grupo Financiero Scotiabank Inverlat, have been prepared, in all material respects, in accordance with the Accounting Criteria for Brokerage Firms in Mexico (the Accounting Criteria), issued by the National Banking and Securities Commission (the Commission).

Basis for opinion

We conducted our audit in accordance with International Standards on Auditing (ISAs). Our responsibilities under those standards are further described in the "Auditors' responsibilities for the audit of the financial statements" section of our report. We are independent of the Brokerage Firm, in accordance with the ethical requirements that are relevant to our audit of the financial statements in Mexico, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Key audit matters

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the financial statements of the current period. These matters were addressed in the context of our audit of the financial statements as a whole and in forming our opinion thereon, and we do not provide a separate opinion on these matters.



Derivative financial instruments non-listed in recognized markets \$15 (assets) and \$140 (liabilities).

See notes 3 (g) and 9 to the financial statements.

Key audit matter

Fair value determination, as of the date of the balance sheet, of derivative financial instruments non-listed in recognized markets and hedging transactions, is carried out through the use of valuation techniques that involve significant judgment by Management, mainly when the use of inputs from various sources or data not observable in financial markets and complex valuation models is required.

How the key audit matter was addressed in our audit

As part of our audit procedures, we obtained evidence of the approval by the Brokerage Firm's Risk Committee, of the valuation model for derivative financial instruments traded in non-recognized markets used by Management. Likewise, on a sample basis, we evaluated the reasonableness of those models and inputs used, through the involvement of our valuation specialists. In addition, on a sample basis, we evaluated the fair value determination of the derivative products traded in non-recognized markets.

Responsibilities of Management and Those Charged with Governance for the financial statements

Management is responsible for the preparation of the financial statements in accordance with the Accounting Criteria issued by the Commission, and for such internal control as Management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, Management is responsible for assessing the Brokerage Firm's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless Management either intends to liquidate the Brokerage Firm or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Brokerage Firm's financial reporting process.



Auditors' responsibilities for the audit of the financial statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with ISAs, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit
 procedures that are appropriate in the circumstances, but not for the purpose of expressing
 an opinion on the effectiveness of the Brokerage Firm's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by Management.
- Conclude on the appropriateness of Management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Brokerage Firm's ability to continue as a going concern. If we conclude that a material uncertainty exists, then we are required to draw attention in our auditors' report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the Brokerage Firm to cease to continue as a going concern.



We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and communicate with them all relationships and other matters that may reasonably be thought to bear on our independence and where applicable, related safeguards.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditors' report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

KPMG Cárdenas Dosal S. C.

Mexico City, February 28, 2019.

Grupo Financiero Scotiabank Inverlat Bosque de Ciruelos No. 120, Col. Bosques de las Lomas, C.P. 11700, Mexico City

Balance sheets

December 31, 2018 and 2017

(Millions of Mexican pesos)

Memorandum accounts

	<u>2018</u>	<u>2017</u>			<u>2018</u>	<u>2017</u>
Transactions on behalf of third parties Customer current accounts:			Transactions for the brokerage firm's own account Collaterals received by the entity:			
Customers' banks	\$ 15	255	Government debt	\$	21,320	31,544
Settlement of customers' transactions	(456)	(821)	Net equity instruments		94	149
Other current accounts	137	137			21 414	21 602
	(304)	(429)		-	21,414	31,693
Custody operations:						
Customer securities in custody						
(note 16)	371,140	378,988	Collaterals received and sold or pledged			
Management transactions:			in guarantee by the entity: Government debt (note 16)		21,320	31,544
Securities on repurchase/resell agreements on			Net equity instruments (notes 8 and 16)		45	31,544
behalf of customers (note 16)	43,798	63,617	Net equity instruments (notes o and 10)	-	45	
Securities lending transactions on	10,700	00,017			21,365	31,578
behalf of customers (note 16)	43	48		-	2.7000	
Collaterals received in guarantee on						
behalf of customers (note 16)	22,470	32,062				
Collaterals delivered in guarantee on						
behalf of customers (note 16)	26,083	36,075				
Managed trusts	222	212	Other accounts		1,935	1,581
	92,616	132,014				
Total on behalf of third parties	\$ 463,452	510,573	Total for the Brokerage Firm	\$	44,714	64,852

Grupo Financiero Scotiabank Inverlat Bosque de Ciruelos No. 120, Col. Bosques de las Lomas, C.P. 11700, Mexico City

Balance sheets, continued

December 31, 2018 and 2017

(Millions of Mexican pesos)

Assets	<u>2018</u>	<u>2017</u>	Liabilities and stockholders' equity	<u>2018</u>	<u>2017</u>
Cash and cash equivalents (note 6)	\$ 249	543	Assigned securities to be settled (note 7c)	\$ 1,798	255
Margin accounts (derivatives)	11	-	Creditors under repurchase/resell agreements (note 8)	1,150	518
Investment securities (note 7): Trading securities	3,369	2,240	Collaterals sold or pledged (note 8): Securities lending	45	34
Derivatives (note 9): Trading purposes	15	27	Derivatives (note 9): Trading purposes	379	307
Accounts receivable, net (note 7)	1,958	767	Other accounts payable: Income tax payable	74	
Premises, furniture and equipment, net (note 10)	182	183	Employees' statutory profit sharing payable Creditors on settlement of transactions (notes 6 and 7)	74 71 671	- 62 1,112
Permanent investments (note 11)	3	3	Creditors on margin account Sundry creditors and other accounts payable	1 383	- 379
Deferred income taxes and ESPS, net (note 15)	69	42	Canaly distances and other accounts payable	1,200	1,553
Other assets: Deferred charges, prepaid expenses and intangibles	159	247	Total liabilities Stockholders' equity (note 14):	4,572	2,667
			Paid-in capital: Capital stock	554	554
			Earned capital: Statutory reserves Retained earnings Net income	111 445 333 889	111 411 309 831
			Total stockholders' equity	1,443	1,385
Total assets	\$ 6,015	4,052	Total liabilities and stockholders' equity	\$ 6,015	4,052

See accompanying notes to financial statements.

"These balance sheets were prepared in accordance with the accounting criteria for brokerage firms issued by the National Banking and Securities Commission based on Articles 205 last paragraph, 210 second paragraph and 211 of the Securities Market Law, which are of a general and mandatory, nature and have been applied on a consistent basis. Accordingly, they reflect the transactions carried out by the Brokerage Firm through the dates noted above. Furthermore, these transactions were carried out and valued in accordance with sound practices and the applicable legal and administrative provisions."

"These balance sheets were approved by the Board of Directors under the responsibility of the following officers".

SIGNATURE	SIGNATURE	SIGNATURE	SIGNATURE
José Jaime Montemayor Muñoz	Michael Coate	Hiquingari Francisco Ortega Ortiz	H. Valerio Bustos Quiroz
General Director	Deputy General Director Finance of	Interim Director Internal Audit	Director of Group
	and Business Intelligence	Mexico	Accounting

^{*}These balance sheets faithfully match with the balance sheets originals, which are properly signed and held by the Brokerage Firm.*

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[&]quot;At December 31, 2018 and 2017, the historical capital stock amounts to \$389, in both years."

Grupo Financiero Scotiabank Inverlat Bosque de Ciruelos No. 120, Col. Bosques de las Lomas, C.P. 11700, Mexico City

Statements of income

Years ended December 31, 2018 and 2017

(Millions of Mexican pesos)

		<u>2018</u>	<u>2017</u>
Commission and fee income (note 18b) Commission and fee expense (note 18b) Financial advisory income (note 18b)	\$	1,075 (102) 380	1,016 (92) 289
Income from services	-	1,353	1,213
Gain on purchase and sale of securities (note 18c) Loss on purchase and sale of securities (note 18c) Interest income (note 18c) Interest expense (note 18c) Valuation on securities at fair value (note 18c)		673 (745) 1,883 (1,560)	701 (761) 2,234 (1,983) 3
Intermediation financial margin		264	194
Other operating income (note 18d) Administrative and promotional expenses		26 (1,189)	10 (1,001)
Income before income taxes		(1,163) 454	(991) 416
Current income taxes (note 15) Deferred income taxes, net (note 15)	-	(142) 21	(113)
		(121)	(107)
Net income	\$	333	309

See accompanying notes to financial statements.

"These statements of income were prepared in accordance with the accounting criteria for brokerage firms issued by the National Banking and Securities Commission based on Articles 205 last paragraph, 210 second paragraph and 211 of the Securities Market Law, which are of a general and mandatory nature and have been applied on a consistent basis. Accordingly, they reflect all the revenues and disbursements relating to the transactions carried out by the Brokerage Firm for the years noted above. Furthermore, these transactions were carried out and valued in accordance with sound practices and the applicable legal and administrative provisions".

CIONIATURE

"These statements of income were approved by the Board of Directors under the responsibility of the following officers".

SIGNATURE	SIGNATURE
José Jaime Montemayor Muñoz General Director	Michael Coate Deputy General Director Finance of and Business Intelligence
SIGNATURE	SIGNATURE
Hiquingari Francisco Ortega Ortiz Interim Director Internal Audit Mexico	H. Valerio Bustos Quiroz Director of Group

[&]quot;These statements of income faithfully match with the statements of income originals, which are properly signed and held by the Brokerage Firm".

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Grupo Financiero Scotiabank Inverlat Bosque de Ciruelos No. 120, Col. Bosques de las Lomas, C.P. 11700, Mexico City

Statements of changes in stockholders' equity

Years ended December 31, 2018 and 2017

(Millions of Mexican pesos)

	Capital stock	Statutory reserves	Retained earnings	Remeasure- ments of defined employees' <u>benefits</u>	Net <u>income</u>	Total stockholders' <u>equity</u>
Balances as of December 31, 2016	\$ 554	111	259	1	432	1,357
Changes resulting from stockholders' resolutions: Appropriation net income Dividends payment (note 14c)	- 		432 (280) 152		(432) - (432)	(280) (280)
Changes related to recognition of comprehensive income (notes 14b and 15): Remeasurements for defined employee benefits, net of deferred income tax Net income	- - -			(1) ————————————————————————————————————		(1) 309 308
Balances as of December 31, 2017	554	111	411	-	309	1,385
Changes resulting from stockholders' resolutions: Appropriation net income Dividends payment (note 14c)	- - -		309 (275) 34	 	(309)	
Changes related to recognition of comprehensive income (note 14b): Net income					333	333_
Balances as of December 31, 2018	\$ 554	111	445		333	1,443

See accompanying notes to financial statements.

"These statements of changes in stockholders' equity were prepared in accordance with the accounting criteria for brokerage firms issued by the National Banking and Securities Commission, based on Articles 205 last paragraph, 210 second paragraph and 211 of the Securities Market Law, which are of a general and mandatory nature and have been applied on a consistent basis. Accordingly, they reflect all the stockholders' equity account entries relating to the transactions carried out by the Brokerage Firm for the years noted above. Furthermore, these transactions were carried out and valued in accordance with sound practices and the applicable legal and administrative provisions."

"These statements of changes in stockholders equity were approved by the Board of Directors under the responsibility of the following officers".

SIGNATURE	SIGNATURE	SIGNATURE	SIGNATURE
José Jaime Montemayor Muñoz General Director	Michael Coate Deputy General Director Finance of and Business Intelligence	Hiquingari Francisco Ortega Ortiz Interim Director Internal Audit Mexico	H. Valerio Bustos Quiroz Director of Group Accounting

[&]quot;These statements of changes in stockholders equity faithfully match with the statements of changes in stockholders equity originals, which are properly signed and held by the Brokerage Firm."

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Grupo Financiero Scotiabank Inverlat Bosque de Ciruelos No. 120, Col. Bosques de las Lomas, C.P. 11700, Mexico City

Statements of cash flows

Years ended December 31, 2018 and 2017

(Millions of Mexican pesos)

		<u>2018</u>	<u>2017</u>
Net income	\$	333	309
Items not requiring cash flows:	_	<u>.</u>	
Depreciation of premises, furniture and equipment		20	14
Amortization of intangible assets		29	9
Provisions		48	44
Current and deferred income taxes		121	107
Valuation on securities at fair value	_	(13)	(3)
Subtotal	_	205	171
Operating activities:			
Change in margin accounts		(11)	9
Change in investment securities		409	891
Change in derivatives (asset)		(18)	78
Change in other operating assets (net)		(1,019)	(198)
Change in creditors on repurchase/resell agreements		632	(698)
Change in collaterals sold or pledged		11	(32)
Change in derivatives (liabilities)		119	(70)
Change in other operating liabilities		(566)	401
Payment of income taxes	-	(68)	(224)
	_	(511)	157
Net cash flows from operating activities		27	637
Investing activities:			
Payments for acquisition of premises, furniture and equipment		(19)	(9)
Payments for acquisition of intangible assets	_	(27)	(20)
Net cash flows from investing activities	_	(46)	(29)
Net cash flows from financing activities due to			
cash dividends payment	_	(275)	(280)
Net (decrease) increase in cash and cash equivalents		(294)	328
Cash and cash equivalents at the beginning of year	_	543	215
Cash and cash equivalents at the end of year	\$ _	249	543

See accompanying notes to financial statements.

These statements of cash flows were prepared in accordance with the accounting criteria for brokerage firms, issued by the National Banking and Securities Commission based on Articles 205 last paragraph, 210 second paragraph and 211 of the Securities Market Law, which are of a general and mandatory nature and have been applied on a consistent basis. Accordingly, they reflect all the cash in flows and cash out flows relating to the transactions carried out by the Brokerage Firm for the years noted above. Furthermore, these transactions were carried out and valued in accordance with sound practices and the applicable legal and administrative provisions."

"These statements of cash flows were approved by the Board of Directors under the responsibility of the following officers".

SIGNATURE	SIGNATURE		
José Jaime Montemayor Muñoz General Director	Michael Coate Deputy General Director Finance of and Business Intelligence		
SIGNATURE	SIGNATURE		
Hiquingari Francisco Ortega Ortiz Interim Director Internal Audit Mexico	H. Valerio Bustos Quiroz Director of Group		

"These statements of cash flows faithfully match with the statements of cash flows originals, which are properly signed and held by the Brokerage Firm."

Grupo Financiero Scotiabank Inverlat

Notes to financial statements

For the years ended December 31, 2018 and 2017

(Millions of Mexican pesos)

These financial statements have been translated from the Spanish language original solely for the convenience of foreign/English-speaking readers.

(1) Description of business-

Scotia Inverlat Casa de Bolsa, S. A. de C. V., Grupo Financiero Scotiabank Inverlat ("the Brokerage Firm") is an entity incorporated under the Mexican legislation and is located at Bosque de Ciruelos No. 120, Col. Bosques de las Lomas, C.P. 11700 in Mexico City. The Brokerage Firm is a subsidiary of Grupo Financiero Scotiabank Inverlat, S. A. de C. V. ("the Group"), which owns 99.99% of its capital stock. The Group, in turn, is a subsidiary of The Bank of Nova Scotia ("BNS"), which owns 97.4% of its capital stock. The Brokerage Firm acts as an intermediary in securities and financial transactions authorized under terms of the Securities Market Law (SML) and general provisions issued by the National Banking and Securities Commission ("the Commission").

(2) Authorization and basis of presentation-

Authorization-

On February 28, 2019, José Jaime Montemayor Muñoz (Brokerage Firm's General Director), Michael Coate (Deputy General Director of Finance and Business Intelligence), Hiquingari Francisco Ortega Ortiz (Interim Director Internal Audit Mexico) and H. Valerio Bustos Quiroz (Director of Accounting Group); authorized the issuance of the accompanying financial statements and related notes.

The stockholders and the Commission are empowered to modify the financial statements after issuance. The 2018 financial statements will be submitted to the next Stockholders' Meeting for approval.

Basis of presentation and disclosure

a) Statement of compliance

The accompanying financial statements have been prepared, based on the SML and in conformity with the current accounting criteria established by the Commission for Brokerage Firms in Mexico at the date of the balance sheet. The Commission is responsible for the inspection and supervision of Brokerage Firms and for reviewing their financial information.

Grupo Financiero Scotiabank Inverlat

Notes to financial statements

(Millions of Mexican pesos)

According to the accounting criteria, the Commission shall issue particular rules for specialized transactions and in the absence of an specific accounting criterion of the Commission for brokerage companies first and then for credit institutions, and in a wider context the Mexican Financial Reporting Standards (MFRS), issued by Mexican Board of Financial Reporting Standards (Consejo Mexicano de Normas de Información Financiera, A. C. or CINIF), the suppletory process as established by MFRS A-8 shall be applicable, and only when the International Financial Reporting Standards (IFRS) referred to by MFRS A-8 do not resolve the accounting treatment, the suppletory application of an accounting standard pertaining to other regulatory framework may be opted for, providing all the requirements set out by the MFRS are met by that standard, with the requirements of criterion A-4 of the Commission. The suppletory application shall be in the following order: U.S. Generally Accepted Accounting Principles (US GAAP), and then any other formal and recognized accounting standard, provided they do not contravene the accounting criteria of the Commission.

b) Use of judgment and estimates

The preparation of the financial statements require management to make estimates and assumptions that affect to the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Significant items subject to such estimates and assumptions include valuation of financial instruments and derivatives, employees' benefits liabilities and deferred tax and ESPS assets. The actual results could differ from those estimates and assumptions.

c) Functional and reporting currency

The aforementioned financial statements are presented in Mexican pesos, which is the same as the recording currency and to the functional currency.

For purposes of disclosure in the notes to financial statements, "pesos" or "\$" refers to millions of Mexican pesos, and when reference is made to "dollars" or "USD", it means dollars of the United States of America.

d) Assets and liabilities recognition

The accompanying financial statements recognize the assets and liabilities arising from investment securities repurchase and resell agreements from transactions carried out for the Brokerage Firm's own account as well as those carried out on behalf of its customers at the trade date, rather than settlement date.

(3) Summary of significant accounting policies-

The following accounting policies have been uniformly applied in the preparation of the financial statements that are presented, and have been applied on a consistent basis by the Brokerage Firm.

Grupo Financiero Scotiabank Inverlat

Notes to financial statements

(Millions of Mexican pesos)

(a) Recognition of inflation effects-

The accompanying financial statements include the recognition of inflation based on Investment Units (Unidades de Inversión or UDI) until December 31, 2007, according to the applicable accounting criteria.

The years ended December 31, 2018 and 2017 are considered non-inflationary economic environment (inflation accumulated over the three preceding years less than 26%), as established in MFRS B-10 "Effects of Inflation", consequently the effects of inflation on the Brokerage Firm's financial information are not recognized. Should the Brokerage Firm be back in an inflationary environment, the cumulative effects of inflation not recognized in prior periods must be retrospectively recognized from the last period that the economic environment was considered as inflationary. The accumulated inflation rate of the three preceding years, is as follows:

		<u> </u>			
December 31,	<u>UDI</u>	<u>Annual</u>	<u>Accumulated</u>		
2018	\$ 6.226631	4.92%	15.71%		
2017	5.934551	6.68%	12.60%		
2016	5.562883	3.38%	9.97%		

(b) Cash and cash equivalents-

Cash and cash equivalents consist of cash in hand, local and foreign bank account balances and 24, 48, 72 and 96 hours foreign currency sales/purchases, and surpluses of plan assets derived from maximum obligation of employee's benefits according to FRS D-3 "Employees' benefits".

Cash and cash equivalents are recognized at nominal value. For dollars, the exchange rate used for the translation is the one published by Banco de México (the "Central Bank"). The translation effect is recognized in the results, as "Interest income" or "Interest expense", as applicable.

Currencies acquired in 24, 48, 72 and 96 hours sales/purchase transactions are recognized as restricted cash (foreign currency received), while the currency sold is recorded as cash outflow (foreign currency deliverable). The rights and obligations for the sales and purchases of foreign exchange at 24, 48, 72 and 96 hours are recorded in clearing accounts under the caption "Accounts receivable, net" and "Creditors on settlement of transactions", respectively.

Checking account overdrafts, as reported in the statement of account issued by the corresponding credit institution, are shown in the caption "Sundry creditors and other accounts payable".

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Grupo Financiero Scotiabank Inverlat

Notes to financial statements

(Millions of Mexican pesos)

(c) Margin accounts-

The margin accounts in cash required to the Brokerage Firm to operate derivatives in recognized markets are recorded at face value and presented in the caption "Margin accounts." The value of the margin accounts granted in cash is modified by margin calls or withdrawals made by the clearing house and for additional contributions or withdrawals made by the Brokerage Firm.

Returns and commissions affecting the margin accounts, other than fluctuations in derivatives prices, are recognized in the results of operations for the year as accrued under the caption "Interest income" and "Commissions and fee expenses", respectively. The partial or total amounts deposited or withdrawn in the clearing house owing to price fluctuations of derivatives are recognized in "Margin accounts".

(d) Investment securities-

Investment securities consist of equity shares, government securities, bank promissory notes and other debt securities listed in recognized markets, which are classified using the categories shown below, based on the intention and capability of the Brokerage Firm on their ownerships.

Trading securities-

Trading securities are those acquired with the intention of selling them to get short-term gains arising from differences in prices resulting from its trading in the market. Securities at the time of acquisition are accounted at fair value (which includes, where applicable, the discount or premium) which presumably corresponds to the price paid; transaction costs for the acquisition of securities are recognized in income on the same date. Subsequently, securities are valued at fair value provided by an independent price vendor, when the securities are sold, the result of purchase / sale is determined by the difference between purchase price and the sale price, this shall transfer the result of valuation that has been previously recognized in the income statement.

Interest earned from debt securities are determined according to the effective interest method and are recognized in the year's income under the caption "Interest income".

Dividends from equity securities are recognized in the year's income when the right to receive payment arises under the caption "Interest income".

Valuation effects are recognized in the income statement under the caption "Valuation on securities at fair value", and purchase or sale results are presented under the captions of "Gain on purchase and sale of securities" or "Loss on purchase and sale of securities", as appropriate.

Grupo Financiero Scotiabank Inverlat

Notes to financial statements

(Millions of Mexican pesos)

Value date transactions-

Securities acquired where settlement takes place on a subsequent date, up to a maximum of four business days following the date of the purchase-sale transaction, are recognized as restricted securities (to be received) at the transaction date, while securities sold are deducted from investment securities (to be delivered). The counter entry is a credit or debit in a settlement, as applicable. Where the amount of securities to be delivered exceeds the balance of own securities of the same type position (government, bank, equity and other debt securities), this is reflected as a liability under the caption "Assigned securities to be settled".

(e) Repurchase/resell agreements-

At the trade date of the repurchase/resell agreement transaction (repo), the Brokerage Firm acting as seller recognizes either the cash inflow or a debit clearing account, as well as an account payable, whereas when acting as buyer recognizes either the cash outflow or a credit clearing account, as well as an account receivable. Both the account payable and the account receivable are initially stated at the agreed-upon price, representing the obligation to repay or the right to recover the cash, respectively.

Over the term of the repo, the account receivable and the account payable are valued at the amortized cost, recognizing the interest on repos in the result of operations for the year as earned, in accordance with the effective interest method. The interest is recognized under the financial statement caption "Interest income" or" Interest expense", as appropriate. The account receivable and the account payable, as well as the interest earned are reported in the financial statement caption "Debtors under repurchase/resell agreements" and "Creditors under repurchase/resell agreements", respectively.

The Brokerage Firm acting as repurchasee recognizes the received collateral in memorandum accounts within the caption "Collaterals received by the entity", in accordance with accounting criterion B-6 "Assets in custody and under management". Financial assets granted as collateral, when the Brokerage Firm acting as repurchaser, the financial asset is reclassified on the balance sheet within the caption "Investments securities", reporting it as restricted asset.

Should the Brokerage Firm, acting as repurchase sell or pledge the collateral, recognize the transaction proceeds and an account payable for the obligation to return the collateral to the repurchaser, which is valued, in the case of sale at fair value, or if pledged in another sale and repurchaser agreement, at amortized cost. The account payable is offset with the account receivable, which is recognized when Brokerage Firm acting as repurchasee turns into repurchaser and the debit or credit balance is presented in the financial statement caption "Debtors on repurchase/resell agreements" or in "Collaterals sold or pledged", as applicable.

Additionally, the collateral received or sold is recognized in memorandum accounts under "Collaterals received and sold or pledged in guarantee by the entity", in accordance with the valuation guidelines criterion B-6 "Assets in custody and under management".

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(f) Securities lending-

At the trade date of securities lending transactions, the Brokerage Firm acting as lender reclassifies securities subject to lending as restricted in the balance sheet under the caption "Investment securities", while acting as borrower, securities are recognized in memorandum accounts under the caption "Collaterals received by the entity", according to the guidelines for valuation of criterion B-6 "Assets in custody and under management". The accrued premium amount, acting the Brokerage Firm as a lender or borrower, is recognized in the income statement, through the effective interest method over the term of the transaction, under the caption "Interest income" or "Interest expense", respectively, against the caption "Securities lending" within asset or liability, as applicable.

The financial assets received as collateral, whereby the Brokerage Firm acts as a lender, are recognized in memorandum accounts following the guidelines for valuation criterion B-6 "Assets in custody and under management," while acting as borrower, the financial assets delivered as collateral are presented as restricted under the caption "Investment securities".

In the case that the Brokerage Firm, as lender, prior to the maturity of the securities lending transaction sells the collateral received or the transaction value as borrower, recognizes the inflow of funds from the sale for the obligation to return such collateral to the lender under the caption "Collateral sold or pledged", such obligation is initially measured at the agreed price and subsequently at fair value. The valuation effect is presented in the income statement under the caption "Valuation on securities at fair value".

The difference between the price received and the fair value of the security subject to the transaction or the collateral received, if any at the time of the sale, is presented under the captions of "Gain on purchase and sale of securities" or "Loss on purchase and sale of securities", as applicable.

Regarding securities lending transactions whereby the financial assets granted as collateral or the value subject to the transaction, acting the Brokerage Firm as the borrower or lender, respectively, come from collateral received in other transactions, the control of such collaterals is recorded in memorandum accounts under "Collaterals received and sold or pledged in guarantee by the entity", following the valuation guidelines of criterion B-6 "Assets in custody or under management".

(q) Derivatives-

The Brokerage Firm enters into transactions with derivative financial instruments for trading purposes, which are recognized initially at fair value, which is presumed to be equal to the price agreed in the transaction.

The valuation effect of the derivatives for trading purposes is shown in the balance sheet and in statement of income under the captions of "Derivatives", in the assets or liabilities, accordingly, and "Valuation on securities at fair value", respectively.

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The effect of the derivatives credit risk (counterpart), is determined in accordance with the risk area methodology, and is recognized in the year's income in the period which it occurs against the supplementary account.

(h) Accounts receivable-

Accounts receivable related to identified debtors whose maturity is agreed from the origin to more than 90 calendar days term, are evaluated by Brokerage Firm's management to determine the estimated recoverable amount and, as required, to create the corresponding allowance.

The balances of other debit items are reserved into in the year's income 90 days after their initial recording, if they correspond identified items and 60 days if the balances are unidentified, regardless of their chance of recovery, except for tax-related (value-added tax included) balances.

In cases where the amount receivable is not realized within 90 calendar days following the date at which they were booked in clearing accounts, they are recorded as past-due and a provision is booked for the total amount.

(i) Settlement of clearing accounts-

Amounts receivable or payable from investment securities, securities repurchase/resell agreements, securities lending and/or derivatives, which have expired but have not been settled at the balance sheet date, including the amounts receivable or payable for purchase or sale of foreign currencies, which are not for immediate settlement or those with a same day value date, are recorded in clearing accounts.

The balances of clearing accounts, credit and debit are offset as long as it has the contractual right to offset amounts recognized, there is an intention to settle on a net basis, realize the asset and settle the liability simultaneously. The clearing accounts are shown under the financial statement caption "Accounts receivable, net" or "Other accounts payable", as appropriate.

(j) Premises, furniture and equipment-

Premises, furniture and equipment are recorded at acquisition cost; and as of December 31, 2007 were adjusted by using factors based on the UDI. The components acquired in foreign currency are recorded at the historical exchange rate, that is, the exchange rates in force on the date the asset was acquired.

Depreciation of premises, furniture and equipment is calculated under the straight-line method, based on the estimated useful lives determined by the Brokerage Firm's management of the corresponding assets. Depreciable amount of premises, furniture and equipment is determined by subtracting the residual value and, as applicable, the cumulative impairment losses from the acquisition cost. The Brokerage Firm periodically evaluates premises, furniture and equipment residual values to determine amounts to be depreciated.

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The Brokerage Firm evaluates periodically the net book values of premises, furniture and equipment to determine whether there is an indication that these values exceed their recoverable amount. The recoverable amount is the greater of the net selling price and book value. If the net book value of an asset exceeds-its recoverable amount, an impairment charge is recognized in the amount by which the carrying amount of the asset exceeds the fair value of the asset.

(k) Permanent investments-

The permanent investments where no control, joint control or significant influence exists are classified as other investments, which are initially recognized and maintained valued at acquisition cost. Dividends, if any, received from these investments are recognized in the statement of income under the caption "Other operating income", except if such dividends relate to periods prior to the acquisition, in which case the dividends are decreased from the permanent investments.

(I) Other assets-

This caption includes mainly the contributions made to the reserve fund established through the stock exchange members, which purpose is to support and contribute to the strengthening of the stock exchange market. The balance includes the contributions, valuation and interest earned, which are recognized under the caption "Other operating income" on the statement of income.

The intangible assets related to internally developed software, are also included in this caption, which costs are capitalized and amortized against the results of operations for the year in which the software is ready to operate through the straight-line method over the estimated useful life as determined by the Brokerage Firm's management.

In case of any indication of impairment, the potential impairment loss is determined, and if the net carrying value exceeds the recoverable amount, the asset value is written down and the impairment loss is recognized in the results of operations for the year.

Additionally, this caption includes the projected net assets of the defined benefit plan (up to the amount of the ceiling of the plan assets, which is recognized in accordance with the provisions of MFRS D-3 "Employees' benefits"). Surpluses of non-refundable resources provided by the Brokerage Firm to cover employee benefits, are recognized as restricted cash in "Cash and cash equivalents" (see notes 6 and 12).

(m) Income taxes and employee statutory profit sharing (ESPS)-

The income taxes and ESPS payable for the year are determined in conformity current tax provisions.

Income tax payable is presented as a liability in the balance sheet, when the tax prepayments made exceed the income tax payable, the difference is booked as an account receivable.

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Deferred income taxes and deferred ESPS are accounted for under the asset and liability method. Deferred taxes and ESPS assets and liabilities are recognized for the future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases, and in the case of income taxes, for operating loss carryforwards. Deferred ESPS and tax assets and liabilities are measured using enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. The effect on deferred ESPS and taxes assets and liabilities of a change in tax rates is recognized in results of operations in the period enacted.

Current and deferred tax and ESPS are presented and classified in the year's results, except those that are originated from a transaction recorded directly in equity.

(n) Capital leases-

Capital leases transactions are recorded as an asset with its corresponding liability for the equivalent at the lower of the present value of minimum lease payments and the value of the asset leased. The asset is depreciated in the same way as other assets held in property when it is certain that at the end of lease contract, ownership of the leased asset is transferred otherwise is depreciated during the term of the contract (see note 10).

(ñ) Employees' benefits-

Short-term direct benefits

Short-term direct employees' benefits are recognized in income of the period in which the services rendered are accrued. A liability is recognized for the amount expected to be paid if the Brokerage Firm has a legal or assumed obligation to pay this amount as a result of past services provided and the obligation can be reasonably estimated.

Long-term direct benefits

The Brokerage Firm's net obligation in relation to direct long-term benefits (except for deferred ESPS - see note Income taxes and employees' statutory profit sharing), and which the Brokerage Firm is expected to pay at least twelve months after the date of the most recent balance sheet presented, is the amount of future benefits that employees have obtained in exchange for their service in the current and previous periods. This benefit is discounted to its present value. Remeasurements are recognized in the results of the year as accrued.

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Termination benefits

A liability is recognized for termination benefits along with a cost or expense when the Brokerage Firm has no realistic alternative other than to make the corresponding payments or when the offer of these benefits cannot be withdrawn or when the conditions that require the recognition of restructuring costs are met, whichever occurs first. If benefits are not expected to be wholly settled within twelve months after the date of the most recent balance sheet presented, then they are discounted.

Post-employment benefits

Defined contribution plans

Obligations derived from contributions to defined contribution plans are recognized in the results as accrued, as the related services are rendered by the employees. Contributions paid in advance are recognized as an asset to the extent that such prepayment gives rise to a reduction in the future payments or to a cash reimbursement.

Defined benefit plans

The net obligation of the Brokerage Firm corresponding to the defined benefit plan for the pensions for retirement, the seniority premiums and legal compensation to which employees are entitled in accordance with the Federal Labor Law, as well as obligations related to corresponding to life insurance for retirees, it is calculated in a sepate way for each plan, estimating future benefits amount that employees have earned in the current and in previous periods, discounting such amount and deducting the fair value of the plan assets.

Irrevocable trusts have been established for all plans to manage the respective plan funds and assets, except for severance compensation.

The obligations for defined benefit plans are calculated annually by actuaries using the projected unit credit method. When the calculation results in a possible asset for the Brokerage Firm, the recognized asset is limited to the present value of the economic benefits available in the form of future refunds of the plan or reductions in future contributions thereto. To calculate the present value of economic benefits, any minimum financing requirement should be considered.

The labor cost of current service, which represents the periodic cost of employee benefits for having completed one more year of working life based on the benefit plans, is recognized in administrative and promotional expenses. The Brokerage Firm determines the net interest expense (income) on the net defined benefit liability (asset) for the period by applying the discount rate used to measure the defined benefit obligation at the beginning of the annual period to then-net defined benefit liability (asset), taking into account any changes in the net defined benefit liability (asset) during the period as a result of estimates of contributions and benefit payments.

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Modifications to the plans that affect past service cost are recognized in income immediately in the year the modification occurs, with no possibility of deferral in subsequent years. Furthermore, the effects of events of liquidation or reduction of obligations in the period that significantly reduce future service cost and/or significantly reduce the population eligible for benefits, are recognized in income of the period.

Remeasurements (formerly actuarial gains and losses) resulting from differences between the projected and actual actuarial assumptions at the end of the period, are recognized when incurred as part of OCI within stockholder's equity and is subsequently recycled to the results of the period, based on the average remaining working life of the employees.

(o) Revenue recognition-

Interest and premiums on investments in debt securities and repos, are recorded in the statement of income on an accrual basis, using effective interest rate method.

The gain on sale of foreign currencies, trading securities and derivatives, is recorded in the statement of income when these are sold

The favorable effects of valuation (gain) of trading securities and derivatives, are recorded in the statement of income when the fair value is recognized.

The fees for financial transactions (placement of debt or shares), for transaction with investment companies and revenue from custody services, are recorded in the statement of income when the service is rendered in "Commission and fee income".

Revenues from financial advisory services are recorded on income when the services are rendered in "Financial advisory income".

(p) Provisions-

Based on Management estimates, the Brokerage Firm recognizes accruals for present obligations where the transfer of assets or the rendering of services is probable, and arises as a consequence of past events.

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(q) Foreign currency transactions-

Foreign currency transactions are recognized at the exchange rate prevailing on the dates of execution for financial statement presentation purposes. Currencies other than dollars are translated into dollars at the exchange rates as established in the Provisions applicable to the Brokerage Firm, and the dollar equivalent, together with dollar balances, are then translated into Mexican pesos using the exchange rate determined by the Central Bank. Foreign exchange gains and losses are reflected in results of operations for the year. At the year-end close date of the financial statements, foreign currency monetary assets and liabilities are translated into pesos at the FIX exchange rate published by the Central Bank, while foreign exchange gains or losses arising from foreign currency translation are recorded in the results of operations for the originating period.

(r) Memorandum accounts-

Memorandum accounts correspond mainly to transactions in custody or under management.

Custody transactions-

Customer's securities in custody are valued at fair value, representing the amount for which the Brokerage Firm is obligated to its customers against any future eventuality and are presented in the caption "Customer securities in custody".

Management transactions-

The amount of the repurchase and resell agreements and securities lending on repurchase/resale agreements that the Brokerage Firm undertakes for its customers, is presented under the caption "Securities on repurchase/resell agreements on behalf of customers".

Securities lending conducted by the Brokerage Firm on behalf of customers, is presented under the caption "Securities lending transaction on behalf of customers".

In the case of collateral that the Brokerage Firm receives or delivers on behalf of customers, for repurchase/resell agreements operations, securities lending, derivatives or other collateral received or delivered, are presented under the caption "Collaterals received in guarantee on behalf of customers" and/or "Collaterals delivered in guarantee on behalf of customers", as appropriate.

The determination of the valuation of the estimated amount for the assets in management and operations on behalf of customers is made according to the operation carried out in accordance with the accounting criteria for Brokerage Firms.

The Brokerage Firm records transactions on behalf of customers, on the trade day and not on the settlement date.

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(s) Contingencies-

Liabilities or important losses related to contingencies are recorded when it is probable that a liability has been incurred and the amount of the assessment and/or remediation can be reasonably estimated. When a reasonable estimation cannot be made, qualitative disclosure is provided in the notes to the financial statements. Contingent revenue, earnings or assets are not recognized until their realization is virtually certain.

(4) New accounting criteria-

2018 MFRS Improvements

In December 2017, the Mexican Board of Financial Reporting Standards (CINIF) issued the document referred to as "2017 FRS Improvements", which contains precise modifications to some existing MFRS. The modifications that bring about accounting changes are listed below, which became effective on January 1, 2018, did not generate significant effects on the financial statements of the Brokerage Firm.

- MFRS B-10 "Inflation effects"
- MFRS C-6 "Property, plant and equipment and MFRS C-8 "Intangible assets"
- MFRS C-14 "Transfer and derecognition of financial assets"

(5) Foreign currency position-

Central Bank regulations require that the Brokerage Firm holds balanced positions in foreign currencies within certain limits. At December 31, 2018 and 2017, the maximum currency position (short or long) authorized by the Central Bank was \$193 and \$174, respectively, equivalent to 15% of the Brokerage Firm's basic capital (\$1,286 and \$1,157, respectively, see note 14e).

The foreign exchange position, expressed in millions dollars is as follows:

	2018	2017
Assets	28	29
Liabilities	(28)	(29)
Long position	-	-
Equivalent in pesos	\$ -	-

The Brokerage Firm has a (short) long position in foreign currency at December 31, 2018 and 2017, respectively, which consists of 100% dollars. The exchange rate relative to the U.S. dollar was \$19.6512 (pesos) and \$19.6629 (pesos), respectively, and as of February 28, 2019, date of authorization issuance of the financial statements, it was \$19.2607 (pesos).

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(6) Cash and cash equivalents-

Cash and cash equivalents at December 31, 2018 and 2017, are as follows:

	2018	2017
Domestic Banks	46	11
Restricted cash:		
Surpluses of maximum obligation for employee benefits (note 12)	15	15
Foreign currency receivable and payable, net	96	517
Other restricted cash	92	-
	\$ 249	543

Foreign currency receivable and deliverable at December 31, 2018 and 2017, from purchases and sales to be settled within 24, 48, 72 and 96 hours are related to dollar transactions.

At December 31, 2018, the foreign exchange purchase/sale gain and (loss) amounted to \$50 and (\$86) (\$36 and (\$73) in 2017) these are recorded in the statement of income in "Gain on purchase and sale" or "Loss on purchase and sale", as appropriate.

At December 31, 2018 and 2017, the Brokerage Firm maintained a liability balance, for transactions with foreign currencies payable on a date subsequent to the traded date of (\$96) and (\$468), respectively, which were recorded in clearing accounts within caption "Creditors on settlement of transactions".

(7) Investment securities-

(a) At December 31, 2018 and 2017, the fair values of investment in securities were as follows:

Trading securities	2018	2017
Debt securities:		
Government securities:		
- Unrestricted	\$ 967	758
- Restricted	1,258	730
Total government securities	2,225	1,488
Bank promissory notes – Restricted	44	9
Other debt securities – Restricted	-	19
Total debt securities, carried forward	\$ 2,269	1,516

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Trading securities, continued	2018	2017
Total debt securities, brought forward	\$ 2,269	1,516
Equity share securities		
Unrestricted	441	-
Restricted	659	724
Total equity share securities	1,100	724
Total investment securities	\$ 3,369	2,240

(b) At December 31, 2018 and 2017, the detail of the aforementioned trading securities is as follows:

Debt securities	2018	2017
Government securities, unrestricted:		
BI CETES	\$ 794	724
M BONOS	173	110
Value date sales:		
M BONOS	-	(76)
Government securities, unrestricted	\$ 967	758
Government securities, restricted:		
Pledged CETES in guarantee	\$ 148	133
Repurchase/resell agreements (1):		
BI CETES	1,106	418
LD BONDESD	-	92
Value date purchases:		
M BONOS	4	87
Restricted government securities	\$ 1,258	730
Total government securities, carried forward	\$ 2,225	1,488

⁽¹⁾ See terms and conditions in note 8.

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Debt securities, continued	2018	2017
Restricted bank promissory notes:		
Repurchase/resell agreements (1):		
PRLV	\$ 44	9
Other debt securities unrestricted		
JEAMX		19
Total debt securities	\$ 2,269	1,516
Equity share securities	2018	2017
Unrestricted equity share securities:		
51 SCOTIAG	\$ 374	-
1B NAFTRAC	89	-
Other equity share securities	3	-
Value date sales:		
1B NAFTRAC	(25)	-
Total unrestricted equity share securities	\$ 441	-
Restricted equity share securities:		
Securities lending:		
1B NAFTRAC	\$ 17	69
1 CEMEX	8	11
1 MEXCHEM	3	7
1 ALFA	3	3
1 SIMEC	2	3
1 NEMAK	3	2
1 ALPEK	2	-
Other equity share securities	7	4
	45	99
Collateral:		
51 SCOTIAG	43	37
Subtotal, carried forward	\$ 88	136

⁽¹⁾ See terms and conditions in note 8.

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Equity share securities	2018	2017
Subtotal, brought forward	\$ 88	136
Value date sales:		
1I CSPX	90	-
1I HEZU	61	-
1I SHV	60	-
1I HEWG	32	-
1A AAPL	16	-
1A BBDB	10	-
1B NAFTRAC	4	23
1I DFE	-	231
1I EWC	-	93
11 IVV	-	91
1I ACWI	-	85
1I SHV	-	35
Other equity share securities	298	30
Restricted equity share securities	659	724
Total equity share securities	\$ 1,100	724

As of December 31, 2018 and 2017, the Brokerage Firm held asset (liability) balances for transactions with securities settled on a date subsequent to the traded date for \$1,824 (\$573) and \$638 (\$644), respectively, which were recorded in clearing accounts under the caption "Accounts receivable, net" and "Creditors on settlement of transactions", as appropriate.

For the years ended December 31, 2018 and 2017, interest on securities earned amounted to \$396 and \$281, respectively.

For the years ended December 31, 2018 and 2017, net gains from interest income, gain or losses from purchase and sale transactions, and valuation income from investments in securities amount to \$335 and \$278, respectively, and correspond to trading securities.

At December 31, 2018 and 2017, the Brokerage Firm does not hold investments in non-government debt securities from the same issuer exceeding 5% of the Brokerage Firm's net capital.

(c) At December 31, 2018 and 2017, fair value of securities classified as assigned securities to be settled, are analyzed as shown in the following page.

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Assigned securities to be settled		2018	2017
Other unrestricted debt securities – Value date sal	es		
JEAMX	\$	(1,249)	(19)
Unrestricted equity share securities			
51 SCOTIAG		-	344
1B NAFTRAC		-	9
Other equity share securities		-	3
Value date sales			
1I DFE		-	(231)
1I EWC		-	(93)
11 IVV		-	(91)
1I ACWI		-	(85)
1I SHV		-	(35)
1B NAFTRAC		-	(26)
Other equity share securities		(549)	(31)
Assigned securities to be settled, unrestricted securities	\$	(1,798)	(255)

(8) Securities on repurchase/resell agreements and securities lending-

Repurchase/resell agreements-

At December 31, 2018 and 2017, the "Debtors on repurchase/resell agreements" and "Creditors on repurchase/resell agreements" balances in which the Brokerage Firm acts as repurchasee and repurchaser, are analyzed as shown in the following page.

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Debtors under repurchase/resell agreement	2018	2017
LD BONDESD	\$ 8,978	27,517
IS BPA	5,373	569
M BONOS	1,924	2,252
IM BPAG	1,648	-
BI CETES	1,616	189
IQ BPAG	984	705
S UDIBONO	802	317
	21,325	31,549
Collaterals sold or pledged in guarantee (creditors):		
LD BONDESD	(8,978)	(27,516)
IS BPA	(5,373)	(570)
M BONOS	(1,924)	(2,252)
IM BPAG	(1,648)	-
BI CETES	(1,616)	(189)
IQ BPAG	(984)	(705)
S UDIBONO	(802)	(317)
	(21,325)	(31,549)
Total debtors on repurchase/resell agreement	\$ -	-
Creditors on repurchase/resell agreements:		
BI CETES	\$ 1,106	417
LD BONDESD	-	92
PRLV	 44	9
Total creditors on repurchase/resell agreements	\$ 1,150	518

At December 31, 2018, the term of repurchase/resell agreements is for 2 days (4 days at December 31, 2017), with annual weighted rates of 8.28% when acting as repurchasee, and 7.94% when acting as repurchaser (7.37% and 7.06% at December 31, 2017, respectively).

During the years ended December 31, 2018 and 2017, premiums collected amounted to \$1,476 and \$1,943, respectively; premiums paid amounted to \$1,545 and \$1,968, respectively, and are included in the statement of income under the captions "Interest income" and "Interest expense", respectively.

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Securities lending-

At December 31, 2018 and 2017, the Brokerage Firm held securities lending transactions as lender and borrower, in which values object of these transactions were received and transferred.

As of December 31, 2018 and 2017, the obligation to repay the lender values derived from the purchase of these securities are analyzed as follows:

2018	Number of securities	Fair value
1B NAFTRAC	410,000	\$ 17
1 CEMEX	828,612	8
1 NEMAK	220,000	3
1 ALFA	130,000	3
1 MEXCHEM	70,375	3
1A VALE	12,000	3
1 ALPEK	50,000	2
1 SIMEC	40,000	2
1 FEMSA	13,200	2
1A FCX	10,000	2
		\$ 45

2017	Number of securities	Fair value
1B NAFTRAC	1,410,000	\$ 69
1 CEMEX	766,612	11
1 MEXCHEM	138,375	7
1 ALFA	130,000	3
1A FCX	5,000	3
1 NEMAK	150,000	2
1 SIMEC	40,000	2
1A VALE	4,000	1
1 SANMEX	50,000	1
		\$ 99

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At December 31, 2018 and 2017, the right to demand the securities to the borrower, derived from the sale of such securities, are analyzed as follows:

2018	Number of securities	Fair value
1A AAPL	5,250	\$ 16
1 CEMEX	828,612	8
1 ALFA	130,000	3
1 NEMAK	220,000	3
1 MEXCHEM	70,375	3
1A VALE	12,000	3
1 SIMEC	40,000	2
1 FEMSA	13,200	2
1A FCX	10,000	2
1 ALPEK	50,000	1
1 LACOMER	206	1
1 GMEXICO	100	1
		\$ 45

2017	Number of securities	Fair value
1 CEMEX	766,612	\$ 11
1 MEXCHEM	138,375	7
1 ASUR	12,000	4
1 ALFA	130,000	3
1 SIMEC	40,000	3
1A FCX	5,000	2
1 NEMAK	150,000	2
1 SANMEX	50,000	1
1A VALE	4,000	1
		\$ 34

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The range of term of the securities lending transactions at December 31, 2018 and 2017, where the Brokerage Firm acts as a lender is 15 and 28 days, respectively, and acting as a borrower is between 6 and 28 days, and 6 and 30 days for such dates.

For the years ended December 31, 2018 and 2017, premiums collected and (paid) in securities lending transactions, amounted to \$10 and (\$2) as well as 9 and (\$3), respectively, and are included in the statement of income under the captions "Interest income" and "Interest expense", respectively.

As of December 31, 2018 and 2017, the Brokerage Firm received equity financial instruments as guarantees in securities lending transactions for \$45 and \$34, respectively, such guarantees are managed in memorandum accounts (see note 16).

(9) Derivatives-

At December 31, 2018 and 2017, the fair value of derivative financial instruments for trading is analyzed as follows:

	2018		2	2017
	Assets	Liabilities	Assets	Liabilities
OTC options	\$ 15	140	27	13
Listed options*	-	239	-	294
	\$ 15	379	27	307

^{*} Represents the market value of premiums.

Net gain (loss) on financial assets and liabilities related to derivatives for trading purposes, included in income for the years ended December 31, 2018 and 2017 amounted to \$19 and (\$14), respectively. The valuation gain (loss) effect of trading derivatives amounted to \$18 and (\$1) at December 31, 2018 and 2017, respectively, and are presented in the "Valuation on securities at fair value" caption in the income statement.

(10) Premises, furniture and equipment-

At December 31, 2018 and 2017, the premises, furniture and equipment are analyzed as shown in the following page.

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	2018	2017	Annual depreciation rates
Land	\$ 22	22	-
Office premises	154	153	2.5%
Transportation equipment in capital lease	4	4	25 and 33%
Computer equipment	39	31	Various
Computer equipment in capital lease	30	30	20%
Office furniture and equipment	50	45	10%
Installation improvements	59	51	Various
Total	358	336	
Accumulated depreciation	(176)	(153)	
Total	\$ 182	183	

The amount recognized in the results of 2018 and 2017, from depreciation amounted to \$20 and \$14, respectively.

According to assessment carried out by the Brokerage Firm, the residual value (except land) of office premises is minimum.

(11) Permanent investments-

At December 31, 2018 and 2017, the Brokerage Firm has permanent investments in Impulsora del Fondo Mexicano, S. A. de C. V. and Cebur, S. A. de C. V. for the amount of \$2 and \$1, respectively, which represents 3.65% of the share capital of the entities.

For the years ended December 31, 2018 and 2017, the Brokerage Firm did not receive dividends from its associated entities.

(12) Employees' benefits-

The Brokerage Firm has in place a defined contribution plan for pension and post-retirement benefits plan. Such plan provides for pre-established contributions by the Brokerage Firm, which may be fully withdrawn by employees' upon retirement if aged at least 55 years or partially on employment termination in accordance with specific rules for vesting rights. Additionally, contributions are made of the employees, who will be entitled to withdraw those contributions upon employment termination.

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For the years ended December 31, 2018 and 2017, the charge to results for the Brokerage Firm's contributions to the defined contribution plan amounted to \$13 and \$9, respectively, under the caption "Administrative and promotional expenses".

The Brokerage Firm has also a defined benefit pension plan, post-retirement benefits covering those employees who elected not to change to the defined contribution plan. The benefits are based on years of service and the employees' compensation during the last year.

The cost, obligations and the defined benefit pension plan, seniority premiums and life insurance were determined based on computations prepared by independent actuaries as of December 31, 2018 and 2017.

The contributions and benefit payed, are shown below:

	Contributions to funds		Benefits paid from funds	
	2018	2017	2018	2017
Pension plan	\$ (4)	(9)	-	1
Other post-retirement benefits	-	-	-	9
Total	(4)	(9)	-	10

The components of the defined benefit cost, for the years ended December 31, 2018 and 2017, are shown below:

	Pensio	n plan		iority nium		fe ance		nation efits
	2018	2017	2018	2017	2018	2017	2018	2017
Current service labor cost	\$ -	-	1	-	1	1	1	1
Net Interest on the DBNL	-	-	-	-	-	-	2	2
Past services labor cost of the year	-	-	-	-	_	_	_	6
Remeasurements of DBNL to be recognized in								
equity	-	-	-	-	-	-	-	1
Net cost of the year Remeasurements generated during the	-	-	1	-	1	1	3	10
year	-	-	-	-	-	-	-	(1)
Defined benefits cost	\$ -	-	1	-	1	1	3	9

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	Pension plan		Seniority premium		Life insurance		Termination benefits	
	2018	2017	2018	2017	2018	2017	2018	2017
Beginning balance of DBNL	\$ (2)	(2)	(1)	-	(2)	(1)	(20)	(19)
Defined benefits cost	-	-	(1)	-	(1)	(1)	(3)	(10)
Contributions to the plan Payments deducted from DBNL	(4)	(9)	-	-	-	-	- 3	9
Other adjustements: Gain and loss recognized	-		_				3	9
in equity	(1)	-	(1)	(1)	3	-	(1)	-
Restricted investments	-	9	-	-	-	-	-	
Final balance of DBNL	\$ (7)	(2)	(3)	(1)	-	(2)	(21)	(20)

Financing position of the defined benefits liability as of December 31, 2018 and 2017, is as follows:

	Pension plan		Seniority premium		Life insurance		Termination benefits	
	2018	2017	2018	2017	2018	2017	2018	2017
Present value of the total obligation	\$ (9)	(10)	(11)	(9)	(13)	(15)	(27)	(26)
Defined benefits liability	\$ (8)	(9)	(8)	(6)	(8)	(10)	(21)	(20)
Plan assets	1	7	5	5	8	8	-	-
Financial situation of the obligation	\$ (7)	(2)	(3)	(1)	-	(2)	(21)	(20)

During 2018, the Brokerage Firm transferred resources from the defined benefits plan to cover contributions to the defined contribution plan for \$4.

It is not expected to make contributions to the defined benefits fund during 2019. For 2019, it is expected to make payments from the reserve for \$11.

Nominal rates and inputs used in actuarial calculations for the years ended December 31, 2018 and 2017 are shown in the following page.

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	2018	2017
Discount rate	10.60%	9.30%
Salary increase rate	4.50%	4.50%
Minimum wage incremental rate	3.50%	3.50%
Long-term inflation rate	3.50%	3.50%
Average remaining labor life	8 years	9 years

Fund assets covering liabilities from pension benefits, seniority premium, medical expenses, food coupons, and insurance life of retired personnel are comprised of 60% debt securities and 40% equity securities, affected by a trust and managed by a Committee designated by the Brokerage Firm.

Following it is presented the effect on the Defined Benefits Liability by an increase or decrease on actuarial significant assumptions as of December 31, 2018:

	(+)	(-)
Discount rate (0.50%)	(2)	2
Long-term inflation rate (0.25%)	-	-

(13) Related-party transactions-

During the normal course of business, the Brokerage Firm carries out transactions with related parties such as loans, investments, services, etc., most of which originates income and expenses to another. According to the Brokerage Firm's policies, the Board of Directors authorizes all operations with related parties, which are granted at market rates, guarantees and terms in accordance with sound practices.

Transactions carried out with related parties for the years ended December 31, 2018 and 2017 are shown below:

Income	2018	2017
Premium and interests	\$ 1,303	1,757
Commissions	644	535
Intermediation financial result	30	69
Rents and maintenance	17	17
Bonds placement fee	84	16
Financial advisory	72	46

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Expenses	2018	2017
Premium and interests on repos	\$ 505	838
Intermediation financial result	26	56
Financial advisory	39	32
Interest paid	-	11
Commissions	3	5
Rents and maintenance	15	12

For the years ended December 31, 2018 and 2017, the Brokerage Firm earned the 57% and 54%, of their related parties, respectively from the operating income.

Balances receivable from and payable to related parties as of December 31, 2018 and 2017, are as follows:

Receivable	2018	2017
Cash and cash equivalents	\$ 141	478
Margin accounts	11	-
Debtors on repurchase/resell agreements	21,325	26,547
Derivatives	13	27
Other accounts receivable	282	178
Payable		
Collateral sold or pledged	\$ 3,482	14,418
Derivatives	-	13
Other accounts payable	300	517

For the years ended December 31, 2018 and 2017, there were no changes in the existing conditions of balances receivable from and payable to related parties, there were no items that are deemed irrecoverable or difficult collection and no reserve was required for these transactions necessary any reserve for losses on such transactions.

For the years ended December 31, 2018 and 2017, the benefits granted to senior management amounted to \$14 and \$9, respectively.

(14) Stockholders' equity-

The main characteristics of the stockholders' equity accounts are detailed in the next page.

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(a) Structure of capital stock-

The Brokerage Firm' capital stock at December 31, 2018 and 2017, is represented by 22,193 common shares, divided into two series: 22,190 "F" series shares and 3 "B" series shares, fully subscribed and paid, 11,205 of these shares correspond to the capital stock's minimum fixed portion and 10,988 shares correspond to the variable portion. At any time, the variable portion of capital stock may exceed the fixed paid-in capital and may not be subject to withdrawal.

At December 31, 2018 and 2017, the minimum fixed capital stock is fully subscribed and paid and amounts to \$389 for both years.

According to article 10 of the general dispositions for Brokerage Firms, the capital stock shall amount to the equivalent in local currency to 12,500,000 UDI's, at least. At December 31, 2018, capital stock and global capital amounted \$1,286 and \$554, respectively (\$1,157 y \$554 in 2017).

(b) Comprehensive income-

The comprehensive income reported in the statement of changes in stockholders' equity represents the results of the total performance of the Brokerage Firm's during the year, and includes the net income and the remeasurement of defined employee benefits, net of deferred tax.

(c) Dividends declared-

On May 10, August 17, and November 22, 2018, the Brokerage Firm decreed and paid dividends for \$50, \$75 and \$150, respectively. On March 30, October 31, and November 30, 2017, the Brokerage Firm decreed and paid dividends for \$200, \$40 and \$40, respectively. As of December 31, 2018, there are no dividends pending payment.

(d) Restrictions on stockholders' equity-

The Commission requires that Brokerage Firms maintain a minimum capitalization percentage of risk-based assets, which is calculated according to the level of risk assigned.

Five percent of net income for the year must be appropriated to the 5% statutory reserve, until it reaches an amount of 20% of the paid-in capital.

The tax basis of stockholder contributions and retained earnings may be distributed to the stockholders tax free. As of December 31, 2018, the Stock contribution account (Cuenta de Capital de Aportación or CUCA) net taxable income account (Cuenta de Utilidad Fiscal Neta or CUFIN), amount to \$340 and \$2,467, respectively.

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The retained earnings of subsidiaries may not be distributed to the Brokerage Firm's stockholders until these are received by way of dividends from the subsidiaries, but may be capitalized through a Stockholders' Meeting.

The dividends paid to individuals and corporation's resident abroad shall be subject to an additional tax of 10%, which is considered final. The rule solely applies to dividends payment from earnings generated beginning on January 1, 2014.

(e) Capitalization (unaudited)-

The Commission requires Brokerage Firms to maintain a minimum capital as a percentage of risk-based assets. The percentage is calculated by applying certain percentages according to the level of risk assigned to the rules established by the Central Bank. The capitalization required by the Commission has been fulfilled by the Brokerage Firm. Below is the Brokerage Firm's capitalization information.

Capital as of December 31 (1)	2018	2017
Net capital	\$ 1,286	1,157
Market risk requirements	184	159
Credit risk requirements	47	35
Operational risk requirements	47	63
Total capitalization requirements	\$ 278	257
Total weighted assets	\$ 3,476	3,210
Rate of capital consumption (ICAP)	37.00%	36.04%

(1) Preliminary figures before Central Bank's approval

Assets at risk as of December 31, 2018:	Equivalent assets at risk	Capital requirement
Market risk:		
Transactions in local currency at nominal rate	\$ 180	14
Transactions in local currency at premium nominal interest rates	-	-
Transactions in local currency at real interest rates or denominated in UDIS	-	-
Foreign currency positions or with return indexed to exchange rate	-	-
Equity positions or with returns indexed to the price of a single share or group of shares	2,116	170
Total market risk, carried forward	\$ 2,296	184

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Assets at risk as of December 31, 2018:	Equivalent assets at risk	Capital requirement
Total market risk, brought forward	\$ 2,296	184
Credit risk:		
Derivatives	-	-
Debt securities position	9	1
Borrowings and deposits	577	46
Total credit risk	586	47
Operational risk:		
Total operational risk	594	47
Total market, credit and operational risk	\$ 3,476	278

Assets at risk as of December 31, 2017:	Equivalent assets at risk	Capital requirement
Market risk:		
Transactions in local currency at nominal rate	\$ 99	8
Transactions in local currency at premium nominal interest rates	-	-
Transactions in local currency at real interest rates or denominated in UDIS	-	-
Foreign currency positions or with return indexed to exchange rate	1	-
Equity positions or with returns indexed to the price of a single share or group of shares	1,890	151
Total market risk	1,990	159
Credit risk:		
Derivatives	11	1
Debt securities position	-	-
Borrowings and deposits	422	34
Total credit risk	433	35
Operational risk:		
Total operational risk	787	63
Total market, credit and operational risk	\$ 3,210	257

The capital sufficiency, under normal operating conditions, of the Brokerage Firm is evaluated on a monthly basis through the Capitalization Index, which at the same time is presented to the Risk Committee and to the Board of Directors for following up and monitoring, on a quarterly basis.

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On a quarterly basis, the capitalization notes are incorporated in the financial reports. Such notes have, among others, the following information: composition and integration of capital, composition of total risk weighted assets and by type of risk and the Capitalization Index.

At the closing of 2018, the capitalization index is within the legal limits established (>=10.5%).

The ICAP had a rise of 0.96%, from 36.04% to 37.00%, due to the increase in the net capital. The Net capital increased from \$1,157 to \$1,286 from December 2017 to December 2018. Assets at risk increased from \$3,210 to \$3,476 from December 2017 to December 2018, due to higher capital requirements in deposits, borrowing and loans for credit risk, as well as in transactions with nominal interest rate in local currency for credit risk.

Based on the aforementioned, it is determined that the Brokerage Firm has the ability to face situations which might impair their situation, also to raise sufficient capital to absorb potential losses in order to continue with the brokerage operation.

General description of the results obtained in the sufficiency evaluation of its net capital regarding credit, market and operation risks requirements.

Starting 2016, stress testing is performed on an annual basis as established by the Commission under various scenarios, with the objective of making sure that the Brokerage Firm has enough capital levels to continue its operation under adverse macroeconomic scenarios.

The Brokerage Firm performed during 2018 its annual exercise of capital sufficiency evaluation, this exercise was carefully planned and executed to evaluate capital sufficiency under stressed conditions in regulated scenarios. The result of the exercise allowed to conclude that the Brokerage Firm's capital will be sufficient to face risks derived from the defined stress scenarios, keeping its capital levels above the minimum required levels. On that basis, a capitalization plan for the Brokerage Firm is not necessary since all minimum levels are met under all scenarios, including sensitivity scenarios.

(15) Income taxes and employees' statutory profit sharing (ESPS)-

Income Tax (IT) law effective as of January 1, 2014 imposes an IT rate of 30% for 2014 and thereafter. The current ESPS rate is 10%, for the years 2018 and 2017.

The basis for the ESPS and IT calculation are the same with some differences regarding the reduction of tax loss carry forwards, paid ESPS and expenses that correspond to non-taxable income for employees.

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The current and deferred IT and ESPS expense are as follows:

	2018		20	17
	ΙΤ	ESPS	IT	ESPS
Current	\$ (145)	(52)	(110)	(41)
Reverse of prior years' provision	3	1	(3)	(1)
Deferred IT	21	6	6	3
	\$ (121)	(45)	(107)	(39)

The analysis of the effective rate of the years ended December 31, 2018 and 2017, is analyzed as follows:

December 31, 2018 – IT	Basis	IT at 30%	Effective rate
Income before income taxes	\$ 454	(136)	(30%)
Current tax allocation:			
Tax effects of inflation, net	(75)	23	5%
Net result of financial instruments, repurchase/resell agreements and derivatives	(6)	2	-
Difference between book and tax depreciation	21	(6)	(1%)
Nondeductible expenses	28	(8)	(2%)
Provisions	46	(14)	(3%)
Net warrants valuation effect	16	(5)	(1%)
ESPS paid in the year	(41)	12	3%
Current and deferred ESPS provision	45	(14)	(3%)
Dividends on investment securities	(4)	1	-
Current tax	484	(145)	(32%)
Allocation to deferred tax:			
Valuation of trading securities	9	(3)	(1%)
Deductible ESPS	(10)	3	1%
Net warrants valuation effect	1	-	-
Expense accruals and others	(67)	21	4%
Deferred tax	(67)	21	4%
Income taxes	\$ 417	(124)	(28%)

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December 31, 2018 – ESPS	Basis	ESPS at 10%	Effective rate
Income before income taxes	\$ 454	(45)	(10%)
Allocation to current ESPS:			
Tax effects of inflation, net	(75)	8	2%
Net result of financial instruments, repurchase/resell agreements and derivatives	(6)	1	-
Difference between book and tax depreciation	21	(2)	-
Nondeductible expenses	22	(2)	(1%)
Provisions	46	(5)	(1%)
Net warrants valuation effect	16	(2)	-
Current and deferred ESPS provision	45	(5)	(1%)
Dividends on investment securities	(4)	-	-
Current ESPS	\$ 519	(52)	(11%)

December 31, 2017 – IT	Basis	IT at 30%	Effective rate
Income before income taxes	\$ 416	(125)	(30%)
Current tax allocation:			
Tax effects of inflation, net	(93)	28	7%
Net result of financial instruments, repurchase/resell agreements and derivatives	(1)	-	-
Difference between book and tax depreciation	3	(1)	-
Nondeductible expenses	22	(6)	(1%)
Provisions	23	(7)	(2%)
Net warrants valuation effect	12	(3)	(1%)
ESPS paid in the year	(53)	16	4%
Current and deferred ESPS provision	39	(12)	(3%)
Dividends on investment securities	(1)	-	-
Current tax	367	(110)	(26%)
Allocation to deferred tax:			
Valuation of trading securities	5	(2)	-
Deductible ESPS	10	(3)	1%
Net warrants valuation effect	(2)	1	-
Expense accruals and others	(34)	10	2%
Deferred tax	(21)	6	3%
Income taxes	\$ 346	(104)	(23%)

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December 31, 2017 – ESPS	Basis	ESPS at 10%	Effective rate
Income before income taxes	\$ 416	(42)	(10%)
Allocation to current ESPS:			
Tax effects of inflation	(93)	9	2%
Net result of financial instruments, repurchase/resell agreements and derivatives	(1)	-	-
Difference between book and tax depreciation	3	-	-
Nondeductible expenses	15	(1)	-
Provisions	23	(2)	(1%)
Net warrants valuation effect	12	(1)	-
Current and deferred ESPS provision	39	(4)	(1%)
Dividends on investment securities	(1)	-	-
Current ESPS	\$ 413	(41)	(10%)

Deferred income tax and ESPS:

The tax effects of temporary differences that give rise to deferred income tax assets and liabilities at December 31, 2018 and 2017, respectively, are detailed as follows:

	2018		20	17
	IT	ESPS	IT	ESPS
Pre-payments	\$ (7)	(2)	(7)	(2)
Valuation of trading securities and transactions with securities and derivatives	(2)	(1)	1	_
Remeasurements of employee benefits	(3)	(1)	(3)	(1)
Remaining balance to be taxed of premises, furniture and equipment	(15)	(5)	(23)	(8)
Deductible ESPS	21	-	19	-
Provisions and others	62	22	48	18
Deferred income tax and ESPS in balance sheet	\$ 56	13	35	7
	\$	69		42

The deferred income tax and ESPS in the statement of income for the years ended December 31, 2018 and 2017, is as shown in the following page.

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	2018		2017	
Deferred tax in income statement:	IT	ESPS	IT	ESPS
Pre-payments	\$ -	-	1	-
Valuation of trading securities and transactions with				
securities and derivatives	(3)	(1)	(2)	(1)
Remaining balance to be taxed of premises, furniture				
and equipment	8	3	1	-
Deductible ESPS	2	-	(3)	-
Provisions and others	14	4	9	5
	\$ 21	6	6	4
Deferred income tax and ESPS in the income				
statement	\$	27		10

Other considerations:

In accordance with Mexican tax law, the tax authorities may examine transactions carried out during the five years prior to the most recent income tax return filed.

According to the IT law, corporations carrying out transactions with related parties, whether domestic or foreign, are subject to limits and tax obligations, to certain requirements as to the determination of the transaction prices, since these prices must be similar to those that would be used in arm's-length transactions.

(16) Memorandum accounts-

Transactions on behalf of third parties-

The funds managed by the Brokerage Firm for investing in various financial instruments on behalf of its customers, are recorded in memorandum accounts. At December 31, 2018 and 2017, the resources from these operations are analyzed as follows:

Customer securities in custody	2018	2017
Mutual funds	\$ 90,753	89,707
Government securities	46,091	51,761
Equity shares and others	234,296	237,520
	\$ 371,140	378,988

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Management transactions

Securities on repurchase/resell agreements on behalf of customers-

At December 31, 2018 and 2017, the securities on repurchase/resell agreements on behalf of customers, are shown below:

	2	2018		2	017	
	Number of securities		Fair value	Number of securities		Fair value
LD BONDESD	179,391,282	\$	17,955	551,092,650	\$	55,125
BI CETES	445,897,212		4,338	82,141,551		796
M BONOS	39,556,366		3,847	46,346,462		4,504
CBUR	-		-	14,100,000		1,412
IS BPA	105,273,608		10,746	11,118,132		1,138
PRLV	43,642,293		44	8,904,646		9
S UDIBONO	2,653,408		1,605	1,059,138		633
IQ BPAG	19,548,896		1,968	-		-
IM BPAG	33,013,144		3,295	-		-
-		\$	43,798		\$	63,617

Securities lending transactions on behalf of costumers-

At December 31, 2018 and 2017, the securities lending transactions on behalf of customers, are as follows:

	20	20)17		
	Number of securities	Fair value	Number of securities		Fair value
1B NAFTRAC	410,000	\$ 17	410,000	\$	20
1 CEMEX	828,612	8	766,612		11
1 MEXCHEM	70,375	4	138,375		7
1 NEMAK	220,000	3	150,000		2
1A VALE	12,000	3	4,000		1
1 ALFA	130,000	3	130,000		3
1 SIMEC	40,000	2	40,000		2
1A FCX	10,000	2	5,000		2
1 ALPEK	50,000	1	-		-
	·	\$ 43		\$	48

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Collaterals delivered in guarantee on behalf of customers-

Collaterals delivered in guarantee on behalf of customers at fair value at December 31, 2018 and 2017, are as follows:

	2018	2017
Government securities	\$ 21,320	31,545
Equity shares and holding companies certificates	47	55
Margin loans	4,716	4,475
	\$ 26,083	36,075

Income earned on assets under custody during the years ended December 31, 2018 and 2017 amounted to \$69, for both years.

Collaterals received in guarantee on behalf of customers-

Collaterals represented by government debt, banking and private securities on behalf of its costumer in guarantee by the Brokerage Firm at December 31, 2018 and 2017, at fair value are analyzed as follows:

	2018			2017		
	Number of securities		Fair value	Number of securities		Fair value
Government:						
LD BONDESD	89,695,641	\$	8,975	276,002,091	\$	27,603
IS BPA	52,636,804		5,372	5,559,066		566
BI CETES	279,232,423		2,722	62,459,131		606
M BONOS	19,778,183		1,924	23,173,231		2,254
IM BPAG	16,506,572		1,648	7,050,000		706
S UDIBONO	1,326,704		801	529,569		318
IQ BPAG	9,774,448		984	-		-
			22,426			32,053
Banking: PRLV	43,642,293		44	8,904,646		9
		\$	22,470		\$	32,062

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Collaterals received and sold or pledged in guarantee by the entity-

Collaterals represented by government debt securities received and sold or delivered in guarantee by the Brokerage Firm at December 31, 2018 and 2017, are analyzed as follows:

	2018	2018			
	Number of securities	Fair value	Number of securities	v	Fair alue
Government:					
LD BONDESD	89,695,641 \$	8,975	275,090,559	\$ 27	,512
IS BPA	52,636,804	5,372	5,559,066		566
M BONOS	19,778,183	1,924	23,173,231	2	,254
IM BPAG	16,506,572	1,648	7,050,000		706
BI CETES	166,664,789	1,615	19,682,420		189
IQ BPAG	9,774,448	984	-		-
S UDIBONO	1,326,704	802	529,569		317
		21,320		31	,544
Equity shares: (1)					
1A AAPL	5,250	16	-		-
1 CEMEX	828,612	8	766,612		11
1 MEXCHEM	70,375	3	138,375		7
1 ALFA	130,000	3	130,000		3
1 NEMAK	220,000	3	150,000		2
1A VALE	12,000	3	4,000		1
1 SIMEC	40,000	2	40,000		3
1A FCX	10,000	2	5,000		2
1 FEMSA	13,200	2	-		-
1 ALPEK	50,000	1	-		-
1 LACOMER	206	1	-		-
1 GMEXICO	100	1	-		-
1 ASUR	-	-	12,000		4
1 SANMEX	-	-	50,000		1
		45			34
	\$	21,365		\$ 31	,578

⁽¹⁾ Corresponds to securities lending transactions (note 8)

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(17) Commitments and contingencies-

(a) Trials, contingencies and litigation-

In the normal course of operations, the Brokerage Firm is involved in some trials, contingencies and litigations, which are not expected to have an important negative effect in the future and in the results of its operation financial situation. In such cases that represent a probable loss or make a cash outflow, the Brokerage Firm has booked necessary provisions.

(b) Leases-

Leases provide for periodic rental adjustments based on changes in various economic Factors. Total rental expenses to leases for the years ended December 31, 2018 and 2017 amounted to \$26 and \$23, respectively.

(18) Additional information on operations and segments-

(a) Segment information

The Brokerage Firm has identified operating segments in which its activities are divided, considering each one as an identifiable component of its internal structure. Following is presented the statement of income classified by income segment, for the years ended December 31, 2018 and 2017.

2018	On own behalf	Mutual funds	On behalf of customers	Financial advisory	Total
Commission and fee income	\$ -	644	431	-	1,075
Commission and fee expense	(10)	(37)	(55)	-	(102)
Financial advisory income	-	-	-	380	380
Income from services	(10)	607	376	380	1,353
loss on purchase and sale of securities, net	(72)	-	-	-	(72)
Interest income, net	323	-	-	-	323
Valuation gain on securities at fair value	13	-	-	-	13
Intermediation financial margin Other operating income	264	-	-	-	264 26
Administrative and promotional expenses					(1,189)
Operating income					454
Current and deferred income tax, net					(121)
Net income					\$ 333

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2017	On own behalf	Mutual funds	On behalf of customers	Financial advisory	Total
Commission and fee income	\$ -	519	497	-	1,016
Commission and fee expense	(9)	(48)	(35)	-	(92)
Financial advisory income	-	-	-	289	289
Income from services	(9)	471	462	289	1,213
loss on purchase and sale of securities, net	(60)	-	-	-	(60)
Interest income, net	251	-	-	-	251
Valuation gain on securities at fair value	3	-	-	-	3
Intermediation financial margin	194	-	-	-	194
Other operating income					10
Administrative and promotional expenses					(1,001)
Operating income					416
Current and deferred income tax,					(107)
net					(107)
Net income					\$ 309

(b) Income from services

Commission and fee income-

For the years ended as of December 31, 2018 and 2017, the commissions and fee income, are comprised as follows:

	2018	2017
Purchase and sale of securities	\$ 306	293
Custody or wealth management	69	69
Issuance of commercial bonds	56	135
Distribution and co-distribution	644	519
	\$ 1,075	1,016

Commission and fee expense-

For the years ended December 31, 2018 and 2017, the commissions and fee expense, are comprised as shown in the following page.

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	2018	2017
Placement of bonds	\$ 4	1
Fees to Indeval	51	34
Contraparte Central de Valores de México	6	6
Referencer (investment funds)	37	48
Others fees	4	3
	\$ 102	92

Financial advisory income-

For the years ended December 31, 2018 and 2017, the financial advisory income, is comprised as follows:

	2018	2017
Scotiabank Inverlat	\$ 68	72
Scotia Fondos	17	16
Scotia Mcleod	39	39
Other financial advisory income	256	162
	\$ 380	289

(c) Intermediation financial margin-

Gain (loss) on purchase and sale of securities, net-

For the years ended as of December 31, 2018 and 2017, the gain (loss) on purchase and sale of securities, net, is comprised as follows:

	2018	2017
Investment securities	\$ (55)	(9)
Trading derivatives transactions	19	(14)
Brokerage result of foreign currencies and precious metals, net	(36)	(37)
	\$ (72)	(60)

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Interest income (expense), net-

For the years ended as of December 31, 2018 and 2017, the interest income (expense), net are comprised as follows:

	2018	2017
Investment securities	\$ 396	281
Cash	1	-
Repurchase/resell agreements and securities lending transactions	(61)	(19)
Management account fee	(13)	(11)
	\$ 323	251

Valuation on securities at fair value-

For the years ended December 31, 2018 and 2017, the valuation result at fair value is comprised as follows:

	2018	2017
Investment securities	\$ (6)	6
Transactions with trading derivatives	18	(1)
Foreign currencies and precious metals	1	(2)
	\$ 13	3

(d) Other operating income (expense)-

For the years ended December 31, 2018 and 2017, other operating income (expense) is comprised as follows:

	2018	2017
Lease income	\$ 18	17
Deposits not identified	15	12
Others, mainly tax recoveries	7	8
Write-offs	(14)	(27)
	\$ 26	10

(e) Financial ratios (non-audited)-

In the following page are the main quarterly financial ratios of the Brokerage Firm for the years ended December 31, 2018 and 2017.

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2018	Fourth	Third	Second	First
Solvency (total assets / total liabilities)	1.32	1.58	1.27	1.33
Liquidity (current assets/current liabilities)	1.22	1.41	1.20	1.23
Leverage (total liabilities-liquidation of the entity	2.5	1.4	1.8	2.5
(creditor / stockholders' equity)	2.5	1.4	1.0	2.0
ROE (annualized net income for the quarter/ average stockholders' equity)	33.8%	7.5%	25.9%	23.7%
ROA (annualized net income for the quarter / average total assets)	14.0%	2.6%	8.1%	9.4%
ICAP (Capitalization Index)	39.83%	26.69%	29.85%	33.12%
Financial margin / Total operating income	14.5%	18.6%	15.1%	16.5%
Income before income taxes / Total operating income	35.3%	8.0%	36.3%	28.6%
Net income / Administrative expenses	154.6%	108.6%	156.9%	140.0%
Administrative expenses / Total operating income	64.7%	92.0%	63.7%	71.4%
Net Income / Administrative expense	40.3%	8.1%	37.5%	30.5%
Personnel expenses / Total operating income	46.4%	65.4%	44.2%	51.1%
2017	Fourth	Third	Second	First
2017 Solvency (total assets / total liabilities)	1.52	1.32	Second 1.34	1.36
Solvency (total assets / total liabilities) Liquidity (current assets/current liabilities)				
Solvency (total assets / total liabilities)	1.52	1.32	1.34	1.36
Solvency (total assets / total liabilities) Liquidity (current assets/current liabilities) Leverage (total liabilities-liquidation of the entity	1.52 1.34	1.32 1.21	1.34 1.23	1.36 1.24
Solvency (total assets / total liabilities) Liquidity (current assets/current liabilities) Leverage (total liabilities-liquidation of the entity (creditor / stockholders' equity) ROE (annualized net income for the quarter/	1.52 1.34 1.0	1.32 1.21 1.8	1.34 1.23 1.6	1.36 1.24 1.8
Solvency (total assets / total liabilities) Liquidity (current assets/current liabilities) Leverage (total liabilities-liquidation of the entity (creditor / stockholders' equity) ROE (annualized net income for the quarter/average stockholders' equity) ROA (annualized net income for the quarter /	1.52 1.34 1.0 18.2%	1.32 1.21 1.8 24.6%	1.34 1.23 1.6 16.4%	1.36 1.24 1.8 33.1%
Solvency (total assets / total liabilities) Liquidity (current assets/current liabilities) Leverage (total liabilities-liquidation of the entity (creditor / stockholders' equity) ROE (annualized net income for the quarter/ average stockholders' equity) ROA (annualized net income for the quarter / average total assets)	1.52 1.34 1.0 18.2% 7.8%	1.32 1.21 1.8 24.6% 9.5%	1.34 1.23 1.6 16.4% 6.2%	1.36 1.24 1.8 33.1% 13.2%
Solvency (total assets / total liabilities) Liquidity (current assets/current liabilities) Leverage (total liabilities-liquidation of the entity (creditor / stockholders' equity) ROE (annualized net income for the quarter/ average stockholders' equity) ROA (annualized net income for the quarter / average total assets) ICAP (Capitalization Index)	1.52 1.34 1.0 18.2% 7.8% 36.04%	1.32 1.21 1.8 24.6% 9.5% 39.08%	1.34 1.23 1.6 16.4% 6.2% 36.23%	1.36 1.24 1.8 33.1% 13.2% 22.99%
Solvency (total assets / total liabilities) Liquidity (current assets/current liabilities) Leverage (total liabilities-liquidation of the entity (creditor / stockholders' equity) ROE (annualized net income for the quarter/average stockholders' equity) ROA (annualized net income for the quarter / average total assets) ICAP (Capitalization Index) Financial margin / Total operating income Income before income taxes / Total operating	1.52 1.34 1.0 18.2% 7.8% 36.04% 13.1%	1.32 1.21 1.8 24.6% 9.5% 39.08% 14.4%	1.34 1.23 1.6 16.4% 6.2% 36.23% 14.2%	1.36 1.24 1.8 33.1% 13.2% 22.99% 13.0%
Solvency (total assets / total liabilities) Liquidity (current assets/current liabilities) Leverage (total liabilities-liquidation of the entity (creditor / stockholders' equity) ROE (annualized net income for the quarter/average stockholders' equity) ROA (annualized net income for the quarter / average total assets) ICAP (Capitalization Index) Financial margin / Total operating income Income before income taxes / Total operating income	1.52 1.34 1.0 18.2% 7.8% 36.04% 13.1% 24.7%	1.32 1.21 1.8 24.6% 9.5% 39.08% 14.4% 30.7%	1.34 1.23 1.6 16.4% 6.2% 36.23% 14.2% 23.4%	1.36 1.24 1.8 33.1% 13.2% 22.99% 13.0% 37.9%
Solvency (total assets / total liabilities) Liquidity (current assets/current liabilities) Leverage (total liabilities-liquidation of the entity (creditor / stockholders' equity) ROE (annualized net income for the quarter/average stockholders' equity) ROA (annualized net income for the quarter / average total assets) ICAP (Capitalization Index) Financial margin / Total operating income Income before income taxes / Total operating income Net income / Administrative expenses	1.52 1.34 1.0 18.2% 7.8% 36.04% 13.1% 24.7% 132.8%	1.32 1.21 1.8 24.6% 9.5% 39.08% 14.4% 30.7% 144.2%	1.34 1.23 1.6 16.4% 6.2% 36.23% 14.2% 23.4% 130.6%	1.36 1.24 1.8 33.1% 13.2% 22.99% 13.0% 37.9% 161.0%

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Notes

- The ratios related to results correspond to annualized quarterly nominal cash flows.
- The Solvency, Liquidity and Leverage ratios are stated in number of times.
- The ICAP figures were not approved by the Central Bank, only Q4 2015 figure has been approved, since the Central Bank used to approve only the ICAP. Beginning October 2015 ICAP is rated.

(19) Comprehensive risk management (non-audited)-

Certain figures and/or percentages calculated and presented in this note can be slightly different compared to the same figures or percentages reported in any other note to the financial statements due to the rounding of figures.

The purpose of the comprehensive risk management function is to identify and measure risks, follow up on their impact that these risks may have on the operations, and control their effects on income and shareholder value, by applying the best mitigation strategies available and the incorporation of the risk culture in daily transactions.

According to the General Provisions applicable to Brokerage Firms in terms of risk management issued by the Commission, the Board of Directors assumes responsibility over the Brokerage Firm risk management objectives, guidelines and policies. At least once a year, the Board of Directors approves the policies and procedures, as well as the limit structure for the various types of risk.

Pursuant to the policies in force, the Board of Directors entrusts the implementation of the risk policies and the setting of specific limits by risk factor as well as the implementation of the procedures designed to measure, manage and control risks to the Risk Management Committee and the Comprehensive Risk Management Unit (UAIR, for its abbreviation in Spanish).

Furthermore, the Risk Management Committee delegates responsibility to the Asset-Liability Committee for monitoring compliance of policies and procedures concerning market and liquidity risks. Likewise, the UAIR has policies for reporting deviations from the specified limits, which it should report to the Risk Committee and the Board of Directors.

The UAIR of the Brokerage Firm is represented by the Risk General Deputy Direction (DGA Risks) and is helped manly by the Risks Corporate Management to manage risks (credit, liquidity, interest rate, market and operational, among others); this Risks Corporate Management is organized in six directions focused on monitoring and mitigating the Brokerage Firm's risks; with the purpose of guarantying an adequate risk management to be able to comply with the risks profile required and defined by the Board of Directors, as well as to improve the quality, diversification and composition of the different portfolios, optimizing in this way, the risk-return relation.

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The UAIR is also responsible of reviewing and presenting for approval before the Risk Committee and/or the Board of Directors, the various methodologies used for risk management of the institution so as the risk framework, management risk policies for the different types of risks, specific global limits of the exposure and corresponding risk tolerance levels. Additionally it provides the General Direction with timely and trustable information for the business decision making, monitoring and management.

Finally, the risk management is in line with the international best practices, since the Brokerage Firm has a framework that complies with the local regulation and with standards and corporate rules established by the parent company (BNS).

(a) Credit risk-

Credit risk results from potential non-compliance by the issuer of a financial instrument or counterparty of the Brokerage Firm, in any of the terms of the purchase/sale agreement or prospectus of any financial instrument.

Credit risk on investment security - The Brokerage Firm has developed and implemented an institutional internal and robust tool for measuring and controlling the credit risk of its various portfolio segments of money market. This methodology allows estimating expected and unexpected losses through measurements of the probability of occurrence of credit events.

Particularly, credit risk associated to money market positions derived from the holding of securities and corresponds to the expected loss that represents an estimate of the impact on the portfolio value due to non-compliance or downgrading in instruments or portfolio ratings, and additionally loss severity scenarios are performed.

The unexpected loss is a measurement of dispersion around to the expected loss, which is calculated in an institutional tool. At the closing of December 2018 and 2017, the expected and unexpected loss of the financial instrument of the Brokerage Firm is as follows:

	2018		2017
	December ¹	Average ¹	December ²
Expected loss	0.02%	0.02%	0.004%
Unexpected loss	0.00%	0.01%	1.67%

¹ Calculation includes trading securities, excludes direct sales and value date sales.

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In order to understand the expected and unexpected loss as an example, the average expected loss during the fourth quarter of 2018 was 0.02% of the total exposure of the portfolio, which represents the amount that the Brokerage Firm is expected to loss (in average) during the following twelve months for non-compliance items, given the characteristics of its position; on the other hand, the unexpected loss was 0.01% of the total exposure of the portfolio and represents the necessary economic capital to maintain solvent the Brokerage Firm in case of an adverse event of high magnitude that have a great impact in the positions of the portfolio.

As of December 31, 2018 and 2017, the total exposure of the investments instruments portfolio, is as follows:

Exposure of the financial Instrument portfolio**	December 2018	Average 2018	December 2017
Corporate	\$ -	-	-
Banking	44	132	9
Government	976	2,651	1,487
Other *	551	723	489
	\$ 1,571	3,506	1,985

^{*} Includes equity shares and investment funds.

Credit risk in the investments securities—Following is a summary of the exposures as of December 31, 2018 and 2017, the credit quality and the concentration by credit risk of the investments securities:

December 2018	Trading securities**	Total risk	Concentration %
AA+	\$ 44	44	3%
mxAAA	976	976	62%
Not rated*	551	551	35%
Total	\$ 1,571	1,571	100%
Concentration	100%	100%	

December 2017	Trading securities**	Total risk	Concentration %
mxAAA	\$ 1,496	1,496	75%
Not rated*	489	489	25%
Total	\$ 1,985	1,985	100%
Concentration	100%	100%	

^{*} Corresponds to investment funds and equity shares.

^{**} Includes direct sale transactions.

^{**} Includes direct sale transactions.

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Credit risk in the derivatives operations – At December 31, 2018 and 2017 the counterparty credit risk exposure in operations with derivative financial instruments is solely with financial institutions.

	December 2018	December 2017
Exposure	\$ 71	26

Credit risk for derivative transactions is measured, controlled and monitored, on a daily basis by calculating potential future exposure (PFE) through specialized tools, incorporating mitigating risk elements such as netting agreements, collateral agreements and collateral. There are counterparty risk policies and monitoring of established limits that contemplate the process to be followed in the event of excesses occurring in them.

(b) Market risk-

The purpose of the market risk management function is to identify, measure, monitor and control risks arising from interest rates, stock market prices and index fluctuations and other risk factors that are present in the money, foreign exchange currencies, capitals and derivative instruments markets, in which the Brokerage Firm maintains business positions for its own account.

The Brokerage Firm's risk positions include fixed and floating rate money market instruments, stocks, foreign exchange positions and derivatives such as interest rates futures, futures, foreign exchange forwards and options, interest rates swaps, interest rates options and foreign currency swaps. For each portfolio, limits have been established and approved.

The market risk limits framework contemplates notional or volumetric amounts for value at risk, sensitivity, concentration, stress limits and due dates, among others.

Market risk management includes monitoring that the risks mitigants are up to date and accurate. In this regard the established and approved limits for each one of the portfolios are daily monitoring and annually reviewed. Models used to manage market risk are reviewed at least biannually and, additionally, the Risk Committee and Board of Directors are periodically informed of the performance of the limits and the Market Risk indicators. Limits approved by the Risk Committee and Board of Directors are aligned with the institution's Risk Appetite.

Market risk management is managed through specialized systems to make estimated with, such as risk value, sensitivity and stress tests.

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The Brokerage Firm's securities trading activities are directed primarily to providing services to its customers, accordingly, to meet its customers' demand, the Group maintains positions in financial instruments and holds an inventory of equity and interest rate financial instruments for trading purposes. Access to market liquidity is available through offers to buy from and sell to other intermediaries. In addition, the Brokerage Firm has treasury positions invested in the money market so that surplus cash generates the maximum yields. The trading securities portfolio (fixed and variable income and derivative instruments) is marked to market on a daily basis. Such information is included daily in the corresponding reports.

Value at Risk (VaR)

It is an estimate of the potential loss, in accordance to a determined statistical confidence level during a specific period of time (the holding period) under normal market conditions. The VaR is calculated daily on all of the Brokerage Firm risk-exposed financial instruments and portfolios, using the Risk-watch risk management software.

The VaR is calculated using the historical simulation method, with a 300-working day time span. To conform to the measurement methodologies used by the Brokerage Firm, the VaR is calculated considering a 99% confidence level and a 1 day holding period.

The day average global VaR during the fourth quarter of 2018 and 2017 was \$2.64 and \$2, respectively, as a percentage of the net capital (\$1,286 at December 2018, latest available figure) at the period's end is equal to 0.21%. The global VaR at the end of December 31, 2018 was \$0.93.

The disaggregated average VaR by risk factor during the fourth quarter of 2018 and 2017, is as follows:

	December 2018	December 2017
Risk factor	Average VaR 1 day	Average VaR 1 day
Interest rate	1.45	1.24
Equity shares	2.19	1.39
Exchange rate	0.01	0.02
•	2.64	2.00

As an example quarters, average VaR of the Brokerage Firm in the money market and interest rate derivate market is \$1.45, which means that, under regular conditions, in 99 days out of each 100 days the maximum potential loss would be up to \$1.45. It is important to mention that the Brokerage Firm does not have FX assets, the effect on Risk Metrics is due to the residual correlation with foreign underlyings, that is to say, only for Structures with Options of QUANTO type.

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Interest rates

The Brokerage Firm is authorized to operate listed future transactions in the Mexican Derivatives Markets (MexDer-Spanish acronym) for its trading portfolio, however, during the fourth quarter of 2018 and 2017, no position was presented.

Equity shares

During December 2018, the Brokerage Firm did not hold trading IPC futures position with MexDer for the equity shares, however it did hold equity structured hedges over IPC underlying, in position levels of (\$2,713) and of contracts of (\$0.00141), for short and long positions, referenced to the agreed levels of the positions. Likewise, during 2017 did not hold transactions with listed options over IPC futures of MexDer.

It is important to mention that listed options of equity (i.e. shares and indexes) are primarily used to hedge the market risk of the options and warrants positions that are issued to the clients. However, the Front-Office strategy in 2018 was focused in highly liquid foreign underlying instruments, with the purpose of diversifying the internal portfolio to make it more competitive and therefore to offer better returns to its clients, among some of the new underlying instruments, indexes and shares, are SPX, AAPL, SX5E, FB, GOOG, IBM, NFLX, SBUX. The Brokerage Firm issued referred IPC warrants and a basket of shares at the close of the fourth guarter of 2018 was \$1,226.

Given that the VaR measure is used to estimate potential losses under normal market conditions, stress testing is performed daily, with the purpose of determining exposure to risk considering large abnormal fluctuations in market prices (changes in volatility and correlations between risk factors). The Risk Committee has approved stress limits. The stress testing during last quarter of 2018 was \$11.21, the limit is \$1,000. The scenario used for these tests is Emerging Markets 2008, this scenario represents the worldwide sub-prime crises of 2007-2008 and its impact in Mexico.

The back testing from October to December 2018, shows efficiency levels in green under the approach established by the International Payment Bank.

The limits structure mainly considers volumetric and notionals amounts, VaR, concentration, sensitivity and stress limits, among others.

For the valuation and risk models, references are used on updated prices, interest rate curves and other risk factors provided by the price supplier "Valuación Operativa y Referencias de Mercado, S. A. de C. V."; the criteria adopted are determined based on technical and statistical aspects and in valuation models authorized by the Commission.

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Sensitivity analysis-

Qualitative information on sensitivities

The Brokerage Firm has an area that specializes on trading risk analysis, which maintains systematic and continuous oversight of the valuation and risk measurement processes as well as of the sensitivity analysis. Such area has permanent contact with responsible traders in the different markets.

The risk area calculates on a daily basis the market risk sensitivities for each portfolio to which the Brokerage Firm is exposed. During the quarter, no changes were made to the assumptions, methods or parameters used for this analysis.

A description of the methods, parameters and assumptions used for the portfolio of stock, currency, interest rates and derivative products is presented below.

Interest rate portfolio

Sensitivity measures produced for fixed-income instruments (bonds) are based on estimating the behavior of the portfolio's value in response to a change in the market interest rates.

The sensitivities of the fixed-income instruments portfolio are based on durations and convexities, depending on the particular type of instrument. In all cases, there are 2 types of measures: (i) the expected change in the portfolio value in response to a change of 1 basis point (bp) (0.01%) in the yield curve; and (ii) the expected change in the portfolio value in response to a change of 100 basis points (1%) in the yield curve. For purposes of this disclosure, we only report the changes in 1 basis point.

The values estimated based on the duration and convexity methodology are a good approximation to the values obtained using the complete or full-valuation methodology.

Two sensitivities are calculated for floating rate bonds: the one relating to the free-risk rate and the other for the spread.

In zero-coupon bonds, the computation of the sensitivity of zero coupon instruments, the term to maturity, expressed in years, is used as duration.

Interest rate derivatives

A brief explanation of sensitivity modeling for the interest rate derivatives is presented in the next page.

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TIIE and CETE futures: This type of derivative instruments is modeled for purposes of calculating sensitivities such as the future of a zero-coupon rate and, therefore, its duration is taken into account in estimating its sensitivity.

M bond futures: The sensitivity considers the duration and convexity over the bonds deliverable under these contracts.

Interest rate swaps: For determining the sensitivity to changes in the yield curve of TIIE swaps a 1 basis point change is made in each of the relevant points in the yield curve and 1 and 100 bp is made parallel, valuing the portfolio with the different curves and calculating the change in the portfolio's value with each of these changes. Change on one basis point is presented in this report.

Stock portfolio and IPC derivatives

Stock equity: for stock position purposes, the sensitivity is obtained calculating the Delta by issue within the portfolio. Delta is defined as the change in the portfolio's value in response to a 1% change in the value of the underlying asset.

Equity derivatives

Currently, the Brokerage Firm opted for carrying out equities derivatives transactions through the IPC futures traded at the MexDer. Their sensitivity is calculated through the Delta. This portfolio has limits expressed in notional terms.

Delta is defined as the change of value of a derivative with respect to changes in the underlying. The Delta risk is defined as the change in the value of the option in response to a change of a predetermined magnitude in the price of the underlying asset (for example 1%). Its calculation is made by valuing the option with different underlying asset levels (one original and one with a +1% shock) and maintaining all other parameters constant. In the case of futures, the sensitivity calculation is Delta, defined as the change of value of a derivative with respect to changes in the underlying.

In the case of non-linear products such as warrants and options, the Delta and the "Greek" measures are deemed as sensitivity measures (i.e. gamma, rho, theta y vega). The calculation of sensitivities is based on the formula for modeling options on futures known as the Black 1976 Option Pricing Formula.

The Delta risk is defined as the change in the value of the option in response to a change of a predetermined magnitude in the price of the underlying asset (for example 1%). Its calculation is made by valuing the option with different underlying asset levels (one original and one with a +1% shock), and maintaining all other parameters constant.

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Dividend Risk. The valuation of options on indices or stock implies a known continuous compound dividend rate. Dividends, however, are an estimate and, therefore, an unknown variable, which represents a risk factor for valuation and the resulting analysis of gains and losses from transactions with options.

There is no Greek letter associated to the sensitivity of dividend risk and in the case of options on indices and stock the measurement is made by increasing the dividend rate 1% (i.e. from 1% to 1.01%).

Quantitative information of sensitivities

Quantitative information of interest rate sensitivities

The following table shows the sensitivity of 1 bp at the end of December 2018 and 2017:

Sensitivity 1bp	December 2018	December 2017
Fixed rates	\$ 0.0462	0.019
Floating rate	0.0000	0.000
Total	\$ 0.0462	0.019

As of December 31, 2017, the Brokerage Firm presents an interest rate sensitivity of \$0.0462, which indicates that for each basis point that the interest rate decreases, the Brokerage Firm would generate a gain of \$0.0462. The position presented an increase compared to the last year. At December 31, 2017, the Brokerage Firm did not celebrate transactions with interest rate derivatives.

The following table shows statics for the fourth quarter of 2018, taking into account the change in 1 bp: maximum, minimum and average. In average, the sensitivity was \$0.10.

Sensitivity 1bp	Average	Maximum	Minimum
Interest rate	\$ 0.10	0.41	(0.22)

For comparison purposes, following is a sensitivity table of the fourth quarter of 2017:

Sensitivity 1bp	Average	Maximum	Minimum
Interest rate	\$ 0.01	0.28	(0.06)

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Sensitivities of the shares and derivatives portfolio.

Following is a table that shows sensitivity (Delta) at the end of December 2018 and 2017:

Delta	December 2018	December 2017
Naftrac	\$ 85.076	75.44
IPC Futures	(61.79)	0.000
Warrants	(32.78)	72.23
Total	\$ 9.500	(3.214)

As of December 31, 2018, the Brokerage Firm presented an Open Delta sensitivity of (\$9.5) for all underlyings, due to market changes.

With regard to the position over IPC, the Brokerage Firm continues with a dynamic hedge strategy over the ETF Naftrac that replicates in a large portion the IPC and IPC futures.

The Brokerage Firm's capital portfolio is composed by shares and derivatives over the IPC. The following table presents the average of the fourth quarter, which amounted to \$0.03.

Delta	Average 2018	Maximum 2018	Minimum 2018
Shares	\$ 0.001	0.001	(0.001)
Warrants	(8.310)	(9.78)	(6.84)
Total	\$ (8.31)	(9.78)	(6.84)

The following table presents are the figures corresponding to the fourth quarter of 2017:

Delta	Average 2017	Maximum 2017	Minimum 2017
Shares	\$ 0.00	0.00	0.00
Warrants	0.03	2.33	(0.02)
Total	\$ 0.03	2.33	(0.02)

The table on the next page presents the sensitivity measures for the non-lineal instruments as of December 31, 2018, it is important to mention that the informative report includes Bonds and Warrants based on structured promissory notes.

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	De	lta EQ	Ve	ga EQ	Delta EQ	Vega EQ
Underlying	Hedge	Structured promissory notes, Warrants	Hedge	Structured promissory notes, Warrants	Total	Total
AAPL.USM	23.32	(23.32)	0.01	(0.01)	-	-
AMZN.USM	21.73	(21.73)	0.04	(0.04)	-	-
FB.USM	20.87	(20.87)	0.06	(0.06)	-	-
GE.USM	4.72	(4.72)	0.01	(0.01)	-	-
GOOG.USM	7.25	(7.25)	_	-	-	-
MEXBOL.INDX	_	(32.78)	_	(0.13)	(32.78)	0.13
	(61.79)	-	_	-	(61.79)	-
	85.08	-	_	-	85.08	-
MEXCAC.INDX	12.50	(12.50)	0.04	(0.04)	-	-
MEXEEM.USM	107.20	(107.20)	0.78	(0.78)	-	-
MEXIXM.INDX	64.09	(64.09)	0.39	(0.39)	-	-
MEXSPX.INDX	94.14	(93.75)	-	-	0.40	-
MEXSX5E.INDX	131.76	(131.24)	1.51	(1.50)	0.52	-
MEXTSX60.INDX	2.84	(2.83)	0.06	(0.06)	0.02	-
MEXXLK.USM	13.31	(13.31)	-	-	-	-
NFLX.USM	25.82	(25.82)	0.08	(0.08)	-	-
Total	552.85	(561.42)	2.97	(2.84)	(8.57)	0.13

Sensitivities for warrants and IPC options, "Greeks"

 Greeks	Delta	Gamma	Vega	Dividend risk	Rho	
 Total	(8.57)	0	0.13	0	0	

(c) Liquidity and interest rates risk-

The Brokerage Firm assumes liquidity risks as an intrinsic part of its function as financial intermediary. The liquidity risk is the result of cash flow gaps. The objective of the liquidity risk management process is to guarantee that the firm will be able to meet the totality of its obligations as they become due and payable. To such end, the Brokerage Firm applies controls to liquidity gaps, monitors key liquidity indicators, maintains diversified funding sources, establishes limits and maintains a minimum percentage of liquid assets.

The Brokerage Firm manages exposure to liquidity risk and interest rate risk according with the applicable regulatory provisions and the best market practices.

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For liquidity risk and interest rates management, it has been established limits which are periodically monitored. Among the applicable limits are those related to liquidity buffer, liquidity gaps, margin sensitivity and economic value sensitivity. These limits are reviewed annually in order to validate that they are aligned with the institution's risk.

The structure of liquidity and interest rate risk limits contemplates volumetric or notional amounts at consolidated level.

Liquidity and interest rate risk is management through specialized systems that conduct the estimate related to the liquidity risk.

Additionally, it is important to indicate that there are prospective metrics for liquidity and interest rate risk management, which are incorporated in the annual execution of the Institution's Exposure Plan.

The liquidity risk is monitored and controlled through accumulated liquidity gaps. These gaps are built through maturities and cash flows from payments of the different instruments of the balance sheet, both assets and liabilities, creating thus a daily gap corresponding to the differences between payment obligations and receivables generated day to day. Cash flows include contractual maturity cash flows of the Brokerage Firm (incoming and outgoing cash / interest receipt).

Liquidity gaps to measure liquidity risk at the closing of December 2018 and the annual average are shown below:

Sensitivity 1bp	December 2018	Average position
30 days accumulated gap (MXN+UDIs + USD)	-	_ (1)
Liquid assets (Under regulatory metric)	1,208	620

⁽¹⁾ The average comprises the period from January 2018 – December 2018, however it is highlighted that on November 16, there were changes in the methodology.

For the Brokerage Firm, the gap at the month-end of December 2018 was zero, considering that the available-for-sale securities position of the Brokerage Firm was \$0, therefore, at the month-end of December 2018 the Brokerage Firm does not present any position in available-for-sale securities.

Interest rate risk arises as a result of funding activities, placement and investment of the Brokerage Firm and is derived from the uncertainty in earnings and/or value of the portfolio as a result of changes in interest rates, and occurs when there are mismatches (gaps) in the review of assets and liabilities with contractual maturity or subject to rate revision within a specified period, or else, when there are different reference rates for assets and liabilities. It materializes before to a change in interest rates such as a variance in financial margin.

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Indicators such as sensitivity of economic value and margin sensitivity are used to measure interest rate risk. To calculate such indicators, repricing gaps are used, built based on reference rates of assets and liabilities. In the case of fixed rate positions the indicators are modeled according to contractual amortizations and maturities, while positions referenced to a floating rate are modeled according to their next repricing date. The methodology for calculating the indicators considered assumptions of stability of demand deposits and prepaid mortgages. The first is an analysis of crops while the second considers credit recency segmentation to assign it a prepaid rate.

Both the sensitivity of Economic Value and the margin sensitivity contemplate an impact of ± 100 base points (bp) on interest rates and considers the maximum loss expected by currency. This measurement is taken weekly and reported to the members of the Assets and Liabilities Committee, the Risk Committee and the Board of Directors in their respective sessions.

The sensitivity of the Economic Value incorporates the impact of change in interest rates on total expected cash flows in a window of 20 years and provides a measure of long-term impact of these variations, while the time window to estimate margin sensitivity is 12 months.

The sensitivity of the Brokerage Firm in the estimated Economic Value and the estimated variation in the financial income of the Financial Group at the month-end of December 2018 and in average for 2018, is shown below:

Economic Value (-100bp)	December 2018	Average (2)
Group (1)	51	27
Bank	61	39
Brokerage Firm input	0.27	0.49

Margin sensitivity (+100bp)	December 2018	Average ⁽²⁾
Group (1)	695	651
Bank	657	616
Brokerage Firm input	8	7

⁽¹⁾ It includes Bank, Brokerage Firm, Scotia Fondos, Credito Familiar and Global Card. Sensitivities base on the new interest rate model approved by the Risk Committee in November 2018.

⁽²⁾ Average figures comprise the period November-December 2018, considering that during November changes to the model assumptions were approved.

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Available-for-sale securities treatment

At the month-end of December 2018 and in average of 2018, the Brokerage Firm did not hold available-for-sale securities position.

The available-for-sale securities, to be an integral part of the balance sheet's manage, are monitored under the aforementioned sensitivity measures (economic value and margin sensitivity).

The liquidity risk limits structure considers volumetric and notional amounts, sensitivity, liquid assets, concentration of deposits and liquidity gaps.

(d) Operational risk-

The operational risk is a non-discretionary risk, which is defined as the potential loss resulting from internal controls failures or deficiencies, errors in transaction processing or storage or in data transmission as well as adverse administrative or legal resolutions, frauds or theft and includes, among other things, technological risk and legal risk.

The Brokerage Firm has put in place policies and procedures enabling it to implement an appropriate operational risk management process, which are described as follows.

The Brokerage Firm determines its capital requirements using the basic indicator method.

Policies for operational risk management

These policies are intended to establish the principles and management framework to identify, measure, monitor, limit, control and disseminate the operational risks inherent in the day-to-day activities and to promote a risk management culture throughout the Brokerage Firm.

Operational Risk Assessment

The Brokerage Firm has a structured methodology for assessing operational risk, which allows the Brokerage Firm to identify, assess and mitigate, the inherent risks in its processes and business activity, which is applied to the entire structure, the assessment is based on the identification of the inherent operational risk, assessing of the effectiveness of controls in such risks, on which is determined a level of residual risk from which actions are set to mitigate the identified risks.

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Manual for Operational Risk Data Gathering and Classification

These policies define the requirements for reporting the information that supports the measuring processes, as well as the scope of the data gathering process, the functions and responsibilities of the business units for gathering and reporting loss data, as its specific characteristics.

At the closing of 2018, the Brokerage Firm recorded operational risk losses for \$15.3, \$11.5 shorter compared to 2017 for \$26.8. Likewise, at the year-end of 2018, the material operational risks that, in case of materialization, would cause an impact on the results of the entity amount \$2.3, corresponding to legal risks and fully reserved.

Operational risk tolerance levels

This is an operational loss management tool that enables each of the Brokerage Firm's area to know the tolerance levels of losses applicable to each assumed loss event, and serves as an incentive for the improvement of the operational risk management process and the adoption of the necessary action to minimize the risk of future losses.

Key risk indicators

This process allows the Brokerage Firm to establish indicators from process variables, which behavior is related to the level of risk assumed. By tracking each indicator, trends are identified that allow for managing the indicator's values over time. Admissible thresholds are established for each of the selected indicators.

Estimate of legal risk losses

The Brokerage Firm has a methodology for estimating expected and unexpected legal risk losses through for estimating probable losses arising from an adverse outcome of trials in process. Such methodology is based on the loss experience of previous years that is used for determining the likelihood of loss associated with the ongoing legal issues through a statistical severity and occurrence analysis.

Technological risk

The technological risk is defined as the potential loss associated with damage, interruption, modification or failure resulting from the use of hardware, software, systems, applications, networks and any other channel for transmitting of information in rendering services to the Brokerage Firm's customers.

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In order to attend the requirements of regulations in terms of the related technological risk, the Group has technological risk management policies. These policies describe the guidelines and methodology for assessing risk. Additionally, the DGA of Information Technology Officer has policies, procedures and systems that contribute to compliance with the requirements in terms of the rioted requirements.

The technological risk methodology, which assesses vulnerabilities, considers the criticality of the information in terms of completeness, confidentiality, availability and continuity to identify the inherent risks in the technological applications and infrastructure, assess the controls in place and obtain the residual risk. As a result, the methodology sets forth a proposal of controls for mitigating the technological risk at an acceptable level.

The regular audits performed by an independent and skilled internal audit department include comprehensive reviews of the design, implementation and exploitation of the internal control systems in every business and support area, new products and systems and of the reliability and completeness of data processing operations.

(20) Recently issued financial reporting standards-

On November 15, 2018, a modification was published in the Official Gazette of the "resolution that modifies the general provisions applicable to brokerage firms", published in the Official Gazette on January 4, 2018. This amendment considers January 1, 2020, as the effective date of the Financial Reporting Standards (MFRS), mentioned below issued by the CINIF.

MFRS B-17 "Determination of fair value"- It establishes the valuation and disclosure standards in the determination of fair value, in initial and subsequent recognition, if the fair value is required or allowed by other specific MFRS.

MFRS C-3 "Accounts receivable" - Some of the primary changes presented are the following:

- it provides that accounts receivable based on a contract are deemed financial instruments, while some other accounts receivable, resulting of legal or tax provisions, may have certain characteristics of a financial instrument, such as bearing interest, but are not in themselves financial instruments.
- it provides that the allowance for doubtful trade receivables shall be recognized as revenue is earned, based on the expected credit losses, and the allowance shall be recorded as an expense, separately when significant, in the statement of comprehensive income.

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- it provides that, upon initial recognition, the time value of money shall be considered. Therefore, should the effect of the present value of the account receivable be significant in light of the term, an adjustment must be made taking into consideration such present value.
- it requires a reconciliation between the beginning and ending balances of the allowance for doubtful accounts for each period presented.

MFRS C-9 "Provisions, Contingencies and Commitments"- Some of the main aspects covered by this MFRS include the following:

- The scope is narrowed by relocating the topic concerning accounting for financial liabilities to MFRS C-19 "Financial instruments payable".
- The definition of "liability" is modified by eliminating the qualifier "virtually unavoidable" and including the term "probable".
- All terminology used in the standard is modified to unify its presentation to the rest of the MFRS

MFRS C-16 "Impairment of financial instruments receivable"- It establishes standards for the accounting recognition of impairment losses of all financial instruments receivable; it indicates when and how an expected impairment loss should be recognized and establishes the methodology for determination.

The primary changes arising from this MFRS consist of determining when and how expected impairment losses on financial instruments receivable should be recognized, including:

- It establishes that impairment losses on financial instruments receivable should be recognized if the credit risk increases and thus it is concluded that a portion of future cash flows of the financial instruments receivable will not be recovered.
- It proposes recognizing the expected loss based on the entity's historical experience of credit losses, current conditions and reasonable and supportable forecasts of the various quantifiable future events that could affect the amount of future cash flows of the financial instruments receivable.

MFRS C-19 "Financial instruments payable" - Some of the main points covered by this MFRS include the following:

• It provides for the possibility of measuring, subsequent to their initial recognition, certain financial liabilities at fair value when certain conditions are fulfilled.

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- Long-term liabilities are initially recognized at present value.
- In restructuring a liability, without the future cash flows for its settlement being substantially modified, the costs and commissions expensed in this process shall affect the amount of the liability and be amortized on a modified effective interest rate basis instead of directly affecting net income or loss.
- It includes the provisions of IFRIC 19 "Extinguishing Financial Liabilities with Equity Instruments", which was not provided for by the existing standard.
- The effect of extinguishing a financial liability should be presented as financial income (loss) in the comprehensive statement of income.
- It introduces the concepts of amortized cost in valuing financial liabilities and of the effective interest method based on the effective interest rate.

MFRS C-20 "SPPI Financing instruments receivable" - Some of the main aspects resulting from the adoption of this MFRS are as follows:

- Classification of financial instruments within assets. To determine such classification, the
 concept of intention to acquire and hold financial instruments has been removed. Instead, the
 concept of business management model is adopted, either for obtaining a contractual yield,
 generating a contractual yield and selling in order to achieve certain strategic objectives, or
 generating earnings from the purchase and sale thereof, in order to classify them in
 accordance with the respective model.
- The valuation effect of investments in financial instruments is also focused on the business model.
- The reclassification of financial instruments is not permitted among receivables, strategic investments, and negotiable instruments, unless the entity changes its business model.
- An embedded derivative that modifies the cash flows of principal and interest is not separated
 from its host receivable financial instrument. The entire receivable financial instrument shall
 be measured at fair value, as if it were a negotiable financial instrument.

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MFRS D-1 "Revenue from contracts with customers"- establishes the standards for the revenue recognition from contracts with customers. It eliminates the supletory application of International Accounting Standard (IAS) 18 "Revenue", SIC 31 "Revenue – Barter transactions involving advertising services", IFRIC 13 "Customer Loyalty programs", and IFRIC 18 "Transfers of Assets from Customers". Additionally, this MFRS, together with MFRS D-2, supersede the Bulletin D-7 "Construction and fabrication contracts of certain capital goods" and the IMFRS 14 "Construction, Sale and services rendering contracts, related to property".

MFRS D-2 "Costs from contracts with customers"- establishes rules for the accounting recognition of costs of sales of goods or provision of services. Together with MFRS D-1, supersede the Bulletin D-7 "Construction and fabrication contracts of certain capital goods" and the IMFRS 14 "Construction, Sale and services rendering contracts, related to property", except assets and liability recognition contemplated in other standards.

The primary change is the separation of the standard related to the recognition of revenues from contracts with customers, from the standard corresponding to the recognition of costs for contracts with customers. Additionally, it extends the scope of Bulletin D-7, referring exclusively to costs related to construction and manufacturing contracts for certain capital goods, to include costs related to all types of contracts with customers.

MFRS D-5 "Leases"- Supersedes Bulletin D-5 "Leases". First time adoption of this MFRS involves accounting changes mainly for the lessee and gives different options for its recognition. Main changes include the following:

- elimination of the classification of operating or financial leases for a lessee, and the lessee
 recognizes a lease liability at the present value of lease payments and an asset for the right of
 use in the same amount of all leases with a term of more than 12 months, unless the asset is
 of low value.
- An expense for depreciation or amortization of the right-of-use asset and an interest expense on the lease liability.
- changes the presentation of related cash flows as cash outflows of the operating activities are decreased, and cash outflows of financial activities are increased.
- modifies the recognition of the gain or loss in sale and lease back contracts.

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• Account recognition of the lessor does not change compared to the current Bulletin D-5, and only disclosure changes are added.

Management is currently evaluating possible effects of these MFRS in the financial statements.

Revisions to MFRS 2019

In December 2018 the CINIF issued the document referred to as "Revisions to MFRS 2019", which contains precise modifications to some existing MFRS. The modifications do not generate accounting changes in the annual financial statements.