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Risk Factors

This section is intended to be a summary of more detailed discussions contained elsewhere in this Annual Report. The risks described below are not the only ones that we face. Additional risks that we do not presently consider material, or of which we are not currently aware, may also affect us. Our business, results of operations, financial condition and cash flows could be harmed if any of these risks materialize and, as a result, the market price of our shares and our ADSs could decline. You should consider these risks with respect to an investment in Telecom and investments in Argentine corporations that are not normally associated with investments in the securities of issuers in the United States and other jurisdictions.

Risks Relating to Argentina

Overview

Substantially all of our property, operations and customers are located in Argentina, and a portion of our assets and liabilities are denominated in foreign currencies. Accordingly, our financial condition, results of operations and cash flows depend to a significant extent on economic and political conditions prevailing in Argentina and on the exchange rates between the peso and foreign currencies. In 2001 and 2002, the Argentine economy experienced a severe recession as well as a political crisis. The abandonment of dollar-peso parity in 2002 led to the significant devaluation of the peso against major international currencies. Although Argentina has experienced economic growth and political conditions have shown improvement in the last decade, uncertainty remains as to whether the growth is sustainable, as well as how several factors would impact the Argentine economy, including among others inflation rates, exchange rates, commodity prices and healthy trade and fiscal balances.

Devaluation of the peso may adversely affect our results of operations, our capital expenditure program and the ability to service our liabilities and transfer funds abroad.

Since we realize a substantial portion of our revenues in Argentina in pesos (our functional currency), any devaluation in the peso may negatively affect the U.S. dollar value of our earnings while increasing, in peso terms, our expenses and capital costs denominated in foreign currency. A depreciation in the Argentine Peso against major foreign currencies may also have an adverse impact on our capital expenditure program and increase the peso amount of our trade liabilities denominated in foreign currencies. Telecom seeks to manage the risk of devaluation of the peso by entering from time to time into certain NDF contracts to purchase U.S. dollars at a fixed rate to partially hedge its exposure to foreign currency fluctuations caused by its liabilities denominated in foreign currencies. The Company also has cash and cash equivalents denominated in U.S. dollars that contribute to reduce the exposure to trade payables in foreign currencies. See "Item 11—Quantitative and Qualitative Disclosures About Market Risk."

The Argentine Peso has been subject to significant devaluation in the past and may be subject to fluctuations in the future. In the three-month period ended March 31, 2013, the devaluation of the peso against the U.S. dollar was 4%, according to the exchange rate published by the Banco de la Nación Argentina.

In order to ensure the level of reserves of the Banco Central de la República Argentina ("BCRA") that are often used to fulfill payment obligations of public debt, the Argentine government implemented in late 2011 a series of measures aimed at maintaining the level of the BCRA reserves. To that effect, during the last quarter of 2011 and 2012, new measures were implemented to limit the purchase of foreign currency made by private companies and individuals; the need for an authorization of the tax authorities to access the foreign exchange market became required, among other restrictions. As a result, the implied exchange rate in the quotation of Argentine securities that trade in foreign markets and in the local market increased significantly. Given the economic and political conditions in Argentina, we cannot predict whether, and to what extent, the value of the peso may depreciate or appreciate against the U.S. dollar, the euro or other foreign currencies, which could partially or totally reduce the current gap between the exchange rate published by the Banco de la Nación Argentina and the implied exchange rate. We cannot predict how these conditions will affect the consumption of services provided by the Telecom Group or our ability to meet our liabilities denominated in currencies other than the peso. Moreover, we cannot predict whether the Argentine government will further modify its monetary, fiscal, and exchange rate policy and, if so, what impact any of these changes could have on the value of the peso and, accordingly, on our financial condition, results of operations and cash flows, and on our ability to transfer funds abroad in order to comply with commercial or financial obligations or dividend payments to shareholders located abroad.

Inflation could accelerate, causing adverse effects on the economy and negatively impacting Telecom's margins.

In the past, Argentina has experienced periods of high inflation. Inflation has increased since 2005 and remained relatively high since then.

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The INDEC estimates that the Argentine consumer price increased by 7.7% in 2009, 10.9% in 2010, 9.5% in 2011and 10.8% in 2012; and the wholesale price index increased 10.0% in 2009, 14.6% in 2010,12.7% in 2011 and 13.1% in 2012. In the two months ending February 28, 2013, the consumer price index in Argentina increased 1.6% and the wholesale price index increased 2.1%. There is a substantial disparity between the inflation indexes published by the INDEC and those higher estimated by private consulting firms.

The Argentine government continued implementing several actions to monitor and control prices for the most relevant goods and services. Despite such actions, the Argentine economy continues to experience consumer inflation above 10%, according to the INDEC. If the BCRA issues significant amounts of currency to finance public sector spending, to service public debt, to intervene in the foreign exchange market or to assist any financial institutions in distress, or if the value of the peso cannot be stabilized through fiscal and monetary policies, a significant increase in inflation rates could be expected.

Moreover, high inflation may undermine Argentina's foreign competitiveness in international markets, negatively affecting the level of economic growth, exports, balance of payments and employment. In addition, public sector spending has increased over the past years, which will continue reducing the fiscal surplus causing a fiscal deficit and leading to higher inflation.

Since the majority of our revenues are denominated in pesos, any further increase in the rate of inflation not accompanied by a parallel increase in our prices would decrease our revenues in real terms and adversely affect our results of operations. As discussed below under "Risks Associated with Telecom and its Operations," Telecom Argentina's ability to increase its regulated rates is subject to approval of regulatory authorities and Personal's ability to increase its rates

could also be negatively impacted by the governmental policy of freezing of prices that was extended to non-regulated sectors. We cannot guarantee that any possible rate increase will be sufficient to counter the effect of inflation, and we cannot assure you that the results of any future regulated rate negotiations of Telecom Argentina will be favorable to us and to our financial condition.

Also, higher inflation leads to a reduction in the purchasing power of the population, mainly those unemployed and with low salary levels, thus increasing the risk of a lower level of service consumption from our fixed and mobile customers in Argentina.

Future policies of the Argentine government may affect the economy as well as the operations of the telecommunications industry.

The Argentine government has historically exercised significant influence over the economy, and telecommunications companies in particular have operated in a highly regulated environment. Due to the Argentine economic crisis of 2001 and 2002, the Argentine government promulgated numerous, far-reaching regulations affecting the economy and telecommunications companies in particular. In this context, the CNC adopted new interpretations of applicable regulations and imposed fines on telecommunications companies, particularly incumbent operators such as our company. See "Item 8-Financial Information-Legal Proceedings-Regulatory Proceedings" for more information. In addition, local municipalities in the regions where we operate have also introduced regulations and proposed various taxes and fees for the installation of infrastructure, equipment and expansion of fixed line and mobile networks. Provinces have increased, and are continuing to increase, their tax rates, particularly the turnover tax rates, resulting in the highest rates in history. Municipal, provincial and federal tax authorities have also brought an increasing number of claims against us. We disagree with these proceedings and we are contesting them. See "Item 8-Financial Information-Legal Proceedings-Tax Matters" for more information. However, we cannot assure you that the laws and regulations currently governing the economy or the telecommunications industry will not change, that the claims will be resolved in our favor, or that any changes to the existing laws and regulations will not adversely affect our business, financial condition, results of operations and cash flows.

In particular, in recent years the Argentine government has taken several actions to re-nationalize concessions and public services companies that were privatized in the 1990's, such as Aguas Argentinas S.A. and Aerolíneas Argentinas S.A. Additionally, in May 2012, Law No. 26,741, established the expropriation of the 51% of the capital stock of YPF S.A. and the 51% of the capital stock of YPF G.A., which were directly or indirectly owned by Repsol YPF S.A. (Repsol). To date, the Argentine Government has not compensated any of the expropriated investors. These actions had a negative effect on the markets. We cannot provide any assurance that similar actions of the Argentine government will not be extended to other private companies or other sectors in the near future.

The Argentine government may exercise greater intervention in private sector companies, including Telecom Argentina.

The global economic and financial crisis in the recent years has resulted in a significant reduction in global GDP growth and a loss in consumer confidence in the financial sectors of many countries. To improve the countries' financial condition and assist certain troubled industries, certain governments have responded with

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extraordinary intervention in the private sector. Certain governments of the leading industrialized nations have implemented various financial rescue plans outlining new regulatory frameworks that would be expected to remain in effect at least until market conditions and investor and consumer confidence have stabilized.

In November 2008, Argentina nationalized, through Law No. 26,425, its private pension and retirement system, which had been previously administered by the AFJP, and appointed ANSES as its administrator. Argentina's nationalization of its pension and retirement system constituted a significant change in the government's approach to exercising influence over Argentina's main publicly traded companies. A significant portion of the public float of these companies was owned by the AFJP and is currently held by ANSES.

The government could exercise influence over corporate governance decisions of companies in which it owns shares by combining its ability to exercise its shareholder voting rights to designate board and supervisory committee members with its ability to dictate tax and regulatory matters. Additionally, since the AFJP were significant institutional investors in Argentina, the nationalization of the private retirement system affected the way to access of financing in capital markets for publicly traded companies.

On April 13, 2011, the Presidential Decree No. 441/11 was published in the Argentine Official Bulletin annulling Article 76(f) of Law No. 24,241, which limited ANSES' voting power to 5% of the company's total voting shares, even if ANSES held a greater ownership position. Consequently, ANSES would be able to exercise the total voting power corresponding to its shares in all resolutions to be adopted at those companies' shareholders meetings where it has share participation, including decisions related to the allocation of retained earnings and the election of directors and Supervisory Committee members, among others.

In addition during 2012, Decree No. 1,278/12 stated that the Secretary of Economic Policy and Development Planning of the Ministry of Economy and Public Finance is responsible for the implementation of policies and actions regarding the exercise of shareholder rights of the equity shares of companies where the Argentine Government is a minority shareholder and approved for that purpose a Regulation of officers and directors appointed by the shares or equity interests of the Argentine Government, establishing the rules that they must follow in performing their duties.

Subsequently, the Secretary of Economic Policy and Development Planning approved Resolution No. 110/12 which assigns the responsibilities, powers and duties set forth in Decree No. 1,278/12 to the National Department of Companies whenever the Government is a shareholder.

In January 2013, a new Capital Market Act (No. 26,831) came into effect, granting new intervention powers to the CNV. See "Item 9—The Offer and Listing—The Argentine Securities Market—New Capital Market Act No. 26,831".

These matters could create uncertainties for investors of public companies in Argentina, including Telecom Argentina.

Argentina's economy may contract in the future due to international and domestic conditions.

The effects of the global economic and financial crisis in recent years and the general weakness in the global economy may negatively affect emerging economies like Argentina's. Although Argentina has experienced economic growth in recent years, current global financial instability has impacted and may continue to impact the Argentine economy and cause Argentina a slowdown of the growth rate or could led a recession generating fiscal deficit and increased unemployment.

Several international economic, social and political factors could affect the global financial markets, such as, among other factors, a growing concern regarding government deficits, governments' abilities to honor their respective sovereign debts, social unrest and general uncertainty about the global economic recovery.

Moreover, the growth trend that the Argentine economy has experienced in the most recent years might be negatively affected by several domestic factors such as an appreciation of the real exchange rate, which could affect its competitiveness, diminishing or even reversing the country's positive trade balance and, if coupled with an increase in capital outflows, might reduce consumption and investment levels as a result of increased pressure on the foreign exchange rates. Additionally, abrupt changes in monetary and fiscal policies or foreign exchange regime could rapidly affect local economic output, while lack of appropriate levels of investment in certain economy sectors could reduce long term growth. Because access to the international financial market could be limited, an increase in public spending not correlated with an increase in public revenues could affect the country's fiscal results and generate uncertainties that might affect the economy's level of growth.

If international and domestic economic conditions for Argentina were to worsen, Argentina could be negatively affected as a result of lower international demand and lower prices for its products and services, higher international interest rates, lower capital inflows and higher risk aversion, which may also adversely affect our business, results of operations, financial condition and cash flows.

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Economic and legal conditions in Argentina could be uncertain.

Although general economic conditions have shown improvement, and political protests and social disturbances have diminished considerably since the economic crisis of 2001 and 2002, the nature of the changes in the Argentine political, economic and legal environment over the past several years has given rise to uncertainties about the country's business environment.

In the event of any economic, social or political crises, companies in Argentina may face the risk of strikes, expropriation, nationalization, forced modification of existing contracts, and changes in taxation policies including tax increases and retroactive tax claims. In addition, Argentine courts have issued rulings changing existing jurisprudence on labor matters and requiring companies to assume increasing responsibility for and assumption of costs and risks associated with utilizing sub-contracted labor and how to calculate salaries, severance payments and social security contributions. Also, there was an increase in claims regarding compensations for work accidents over the cap established by the current relevant legislation. Since we operate in a context in which the governing law and applicable regulations change frequently, it is difficult to predict whether our commercial activities will be affected positively, negatively or at all by such changes.

Substantially all of our operations, properties and customers are located in Argentina, and, as a result, our business is, to a large extent, dependent upon economic conditions prevailing in Argentina. If economic conditions in Argentina were to deteriorate, they would be expected to have an adverse effect on our financial condition, results of operations and cash flows.

Argentina's past fiscal problems and the incomplete restructuring of Argentina's sovereign debt may negatively affect the macroeconomic environment.

Although Argentina has shown improved fiscal results in recent years, it has a history of fiscal deficits. Since almost all of the financial obligations of the Argentine government were denominated in foreign currencies at the time the dollar-peso parity was eliminated in early 2002, there was an increase in the cost of financial services (in terms of Argentine Pesos) of the debt of the Argentine government. Also, since the Argentine government's fiscal revenues were denominated in large part in Argentine Pesos, the Argentine government was severely affected in its ability to carry out its payment obligations using foreign currency and defaulted on a significant part of its public debt in 2002. The Argentine government's sovereign debt default and its consequences may continue to negatively affect the ability of private companies, including Telecom, to access the capital markets or other forms of financing.

The Argentine government implemented a debt restructuring effort mainly through two debt exchange offers. The first and largest was closed on February 25, 2005 and the second took place in 2010. Nonetheless, a number of bondholders who held out from the exchange offers have initiated legal actions against the Argentine government. In late 2012, further rulings favoring the holdout positions and putting into risk the ability to serve its debt under foreign legislation has exacerbated uncertainties and increased sovereign risk. A judgment against the Argentine government in these pending cases could lead to a default of its public debt and reduce the sources of funding and investment capital and could potentially impact the government's ability to adopt measures that promote economic growth.

After the economic crisis in 2002, the Argentine government has maintained a policy of fiscal surplus. To be able to repay its debt, the Argentine government may be required to continue adopting austere fiscal measures that could adversely affect economic growth.

As of June 30, 2012, the outstanding principal amount of Argentina's public debt was equivalent to US\$175.5 billion (of which approximately 61% was denominated in foreign currency) of which US\$11.1 billion were not presented to the exchange offers and are still pending for restructuring.

There can be no assurance that the Argentine government will not default on its obligations under its bonds if it experiences another economic crisis. A new default by the Argentine government could lead to a new recession, higher inflation, restrictions on Argentine companies to access financing and funds, limit the operations of Argentine companies in the international markets, higher unemployment and social unrest, which would negatively affect our financial condition, results of operations and cash flows.

The Argentine banking system may be subject to instability.

The Argentine banking system collapsed in 2001 and 2002, when the Argentine government restricted bank withdrawals and required mandatory conversion of dollar deposits to pesos. From 2005 to 2007, a period of economic growth coupled with relative stability of the country's exchange rate and inflation resulted in the restoration of public confidence, a gradual accumulation of deposits in Argentine financial institutions, and improved liquidity of the financial system. However, since 2008 certain events like internal conflicts with certain sectors of the economy, the international financial crisis and finally, the increased regulation on the foreign exchange market, decreased depositors' confidence. These events led to a slowdown in the growth of deposits,

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future.

Financial institutions are particularly subject to significant regulation from multiple regulatory authorities, all of whom may, amongst other things, establish limits on commissions and impose sanctions on the institutions. The lack of a stable regulatory framework could impose significant limitations on the activities of the financial institutions and could create uncertainty with respect to the financial system stability.

A new crisis of the Argentine banking system or the consequent instability of one or more of the larger banks, public or private, could have a material adverse effect on the prospects for economic growth and political stability in Argentina, resulting in a loss of consumer confidence, lower disposable income and fewer financing alternatives for consumers. These conditions would have a material adverse effect on us by resulting in lower usage of our services and the possibility of a higher level of uncollectible accounts or increase the credit risk of the counterparties regarding the Company investments in local financial institutions.

Shareholders may be liable under Argentine law for actions that are determined to be illegal or ultra vires.

Under Argentine law, a shareholder's liability for losses of a company is limited to the value of his or her shareholdings in the company. Under Argentine law, however, shareholders who vote in favor of a resolution that is subsequently declared void by a court as contrary to Argentine law or a company's bylaws (or regulations, if any) may be held jointly and severally liable for damages to such company, to other shareholders or to third parties resulting from such resolution. In connection with recommending any action for approval by shareholders, Telecom Argentina's Board of Directors occasionally obtains and plans to obtain opinions of counsel concerning the compliance of its actions with Argentine law and Telecom Argentina's bylaws (or regulations if any). Although the issue is not free from doubt, based on advice of counsel, Telecom Argentina believes that a court in Argentina in which a case has been properly presented would hold that a noncontrolling shareholder voting in good faith and without a conflict of interest in favor of such a resolution and based on the advice of counsel that such resolution is not contrary to Argentine law or the Company's bylaws or regulations, would not be liable under this provision.

Delays in the attribution and allocation of radio spectrum can adversely affect Argentina's mobile industry.

The SC is the authority responsible for administering the use of radio electric spectrum and, consequently, for the attribution of new segments of frequencies and the reallocation of the existing ones for the mobile service. Additionally, the regulation of administration, management and control of radio spectrum provides for the prior intervention of the CNDC, and for a joint performance with the SC, in certain circumstances, for example, in determining the safeguards designed to prevent the concentration of spectrum and the occurrence of a dominant position. Delays in the allocation of new frequencies, the reallocation of the existing ones and their subsequent auction could affect the quality of services, the future development of the sector and the implementation and commercialization of new advanced services, among others, such as mobile broadband and its applications.

Risks Associated with Telecom and its Operations

The Pesification and freezing of rates may continue to adversely affect Telecom Argentina's revenues.

In accordance with the Public Emergency Law, in January 2002, rates for Basic telephone services and long distance services were converted to pesos and fixed at an exchange rate of P\$1.00=US\$1.00. The rates that Telecom Argentina may charge in the future will be determined by negotiations between Telecom Argentina and the Argentine government. According to the Public Emergency Law, while undertaking these negotiations, the Argentine government must consider the effect of these rates on the competitiveness of the general economy, the quality of service and investment plans of service providers, as contractually agreed. The Argentine government must also consider consumer protection, accessibility of the services and the profitability of public service providers such as Telecom Argentina. The Public Emergency Law has been subsequently extended through December 31, 2013. See "Item 4—Information on the Company—Regulatory Framework—Regulatory Environment—Rates."

On March 6, 2006, Telecom Argentina executed a Letter of Understanding (the "Letter of Understanding 2006") with the Argentine government pursuant to which Telecom Argentina will be permitted to raise certain rates and incorporate certain modifications to the current regulatory framework. Under the Letter of Understanding 2006, the only agreed-upon adjustments to the rate structure were the rate increases to the termination charge for international incoming calls and the extension of the time bands for peak-hour rates

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applied to local and domestic long distance calls. See "Item 4—Information on the Company—Regulatory Framework—Regulatory Environment—Rates."

The Letter of Understanding 2006 contemplated the signing and effectiveness of the Minutes of Agreement of the Renegotiation upon the fulfillment of certain necessary steps. As of the date of this Annual Report, such fulfillment has yet to occur. Although we expect such fulfillment to occur, we cannot guarantee if or when this will happen. We are unable to predict the outcome of the negotiations that are continuing with regard to further rate increases and the rate scheme which will be applied in the future. Moreover, we are unable to predict whether the Argentine government, as a result of the current rate renegotiations, will impose additional conditions or requirements, and if these conditions or requirements are imposed, whether we will be able to satisfy them.

Rate restrictions for regulated services may continue for a number of years and may affect revenues from fixed line and other services. While we intend to continue to strive to control operating costs and capital expenditures and improve productivity, these efforts has not offset the significant decline in profit margins and operating results that resulted from mandatory rate freezing and the increase in costs due to high levels of investment in capital expenditures and higher operating costs.

We must comply with conditions in our license, and regulations and laws related thereto, and such compliance may at times be outside of our control.

We are subject to a complex series of laws and regulations with respect to most of the telecommunications services that we provide. Such laws and regulations are often governed by considerations of public policy. We provide telecommunications services pursuant to licenses that are subject to regulation by various regulatory bodies. Any partial or total revocation of the licenses would likely have a material adverse impact on our financial condition, results of operations and cash flows. Our dissolution and the declaration of bankruptcy, among others, are events that may lead to a revocation of our licenses.

Certain license conditions are not within our control. For example, any transfer of shares resulting in a direct or indirect loss of control in Telecom Argentina without prior approval of the regulatory authorities may result in the revocation of Telecom Argentina's license. Pursuant to the provisions of Telecom Argentina's List of Conditions as amended by Resolutions SC No. 111/03 and No. 29/04: (i) any reduction of ownership of Nortel in our capital stock to less than 51% without prior approval of the Regulatory Bodies; or (ii) any reduction of ownership of currently common shareholders in the

capital stock with voting power of Nortel to less than 51% without prior approval of the Regulatory Bodies, may result in the revocation of Telecom Argentina's telecommunications license.

Nortel owns all of our Class A Ordinary Shares (51% of our total capital stock) and approximately 7.64% of our Class B Ordinary Shares (3.74% of our total capital stock) which, in the aggregate, represents approximately 54.74% of our total capital stock as of the date of this Annual Report. We are directly controlled by Nortel by virtue of Nortel's ownership of a majority of our capital stock; however, Nortel's controlling interest is subject to certain agreements among Sofora's shareholders. In addition, the Telecom Italia Group and W de Argentina—Inversiones (a company that is part of the Argentine Werthein Group) are each required to maintain direct ownership of at least 15% of the common stock of Sofora.

Compliance with conditions in our license and related regulations and laws may be affected by events or circumstances outside of our control, and therefore we cannot predict whether such events or circumstances will occur and if any do occur, this could result in an adverse effect on our financial condition, our operations and cash flows.

We operate in a competitive environment that may result in a reduction in our market share in the future.

We compete with licensed provider groups, composed of, among others, independent fixed line service providers, mobile and cable operators, as well as individual licensees, some of which are affiliated with major service providers outside Argentina. As of December 31, 2012, more than 1000 licenses for local and/or long distance services, payphones and Value Added Services had been granted since the end of the exclusivity period.

Internet and mobile services, which we expect will continue to account for an increasing percentage of our revenues in the future, are characterized by rapidly changing technology, evolving industry standards, changes in customer preferences and the frequent introduction of new services and products. To remain competitive in the fixed telecommunications market, we must invest in our fixed-line network and information technology. Specifically, in the Internet services market, we must constantly upgrade our access technology and software in order to increase the speed, embrace emerging transmission technologies and improve the responsiveness, functionality, coverage and features of our services. Also, to remain competitive in the mobile telecommunications market, we must enhance our mobile networks by expanding our network infrastructure and extending 3G (and HSPA+) technology and bandwidth in mobile data transmission. In addition, a key factor for

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Personal's competitiveness is to be awarded with new mobile frequency bands. Future technological developments may result in decreased customer demand for certain of our services or even render them obsolete. In addition, as new technologies develop, equipment may need to be replaced or upgraded or network facilities (in particular, mobile and Internet network facilities) may need to be rebuilt in whole or in part, at substantial cost, to remain competitive. These enhancements and the implementation of new technologies will continue requiring increased capital expenditures.

We also anticipate that we will have to devote significant resources to the refurbishment and maintenance of our existing network infrastructure to comply with regulatory obligations particularly regarding fixed line services and to remain competitive with the quality of our services in both Internet and mobile business. We also expect to continue to devote resources to customer retention and loyalty in such segments.

As a result of the implementation of the Number Portability regulation that took place in March 2012 for the Personal Mobile Service segment, there was an increase in competition among service providers, also there were higher customer retention costs and increased churn amongst high value customers in the Argentine mobile market. This increased competition is expected to continue.

The macroeconomic situation in Argentina may adversely affect our ability to successfully invest in, and implement, new technologies, coverage and services in a timely fashion. Accordingly, we cannot assure you that we will have the ability to make needed capital expenditures and operating expenses. If we are unable to make these capital expenditures, or if our competitors are able to invest in their businesses to a greater degree and/or faster than we are, our competitive position will be adversely impacted.

Moreover, the products and services that we offer may fail to generate revenues or attract and retain customers. If our competitors present similar or better responsiveness, functionality, services, speed, plans or features, our customer base and our revenues may be materially affected.

We also expect that the level of competition in our markets will continue to increase in the future, particularly as a result of the emergence of the operator Argentine Satellite Solution Corporation S.A. ("ARSAT" — a company wholly owned by the Argentine Government) which could initially result, among other things, in a decline in governmental agency customers regarding fixed and mobile services due to a potential preference of public entities to hire ARSAT. Competition is and will continue to be affected by our competitors' business strategies and alliances. Accordingly, we may face additional pressure on the rates that we charge for our services or experience a loss of market share of fixed and mobile services. In addition, the general business and economic climate in Argentina may affect us and our competitors differently; thus our ability to compete in the market could be adversely affected.

Even though the Company grew and developed in recent years in a highly competitive market, because of the range of regulatory, business and economic uncertainties we face, as discussed in this "Risk Factors" section, it is difficult for us to predict with meaningful precision and accuracy our future market share in relevant geographic areas and customer segments, the drop in our customer's consumption which could result in a reduction of our revenue market share, the speed with which change in our market share or prevailing prices for services may occur or the effects of competition. Those effects could be material and adverse to our overall financial condition, results of operations and cash flows.

Changes in the laws and regulations of the Argentine mobile industry or restrictions on rate increases could adversely affect Personal

The Argentine mobile industry is currently subject to an important set of regulations that has enabled the development of a highly competitive and intense capital expenditure environment. Notwithstanding that, in the last few years several bills were introduced in the Argentine Congress proposing a substantial change through the declaration of the mobile industry as a "public service" which could result in deeper and specific regulations regarding rates, quality of service, coverage areas or other core aspects of our business. Other bills were also presented in the Congress proposing changes to specific rules that regulate Personal's services, such as changes in billing processes and customer service. In December 2012, a bill proposing that remaining unused credit should be available for 180 days before expiration, achieved Lower Chamber approval and, if adopted by the Senate in 2013, it may become law, which could have an adverse effect on Personal's operations, financial situation, results of operations and cash flows. We cannot assure that similar initiatives will not be proposed in the future and will not obtain the approval of the National Congress.

In addition, in early 2013 the Argentine government adopted certain initiatives in order to reduce current inflation rates, including price agreements with certain non-regulated sectors such as supermarkets and retailers. In this context and

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Future allocations of mobile frequency bands may affect the competitiveness of the Argentine mobile industry and could impact Personal's competitive position within it.

Telefónica Móviles Argentina S.A. returned to the Argentine government the frequency bands exceeding an aggregate 50 MHz, as a result of the combination of operations of Unifón and Movicom in 2004, in accordance with the current laws and pursuant to a plan to be subsequently issued. In 2005, the SC issued its plan relating to the return of those frequency bands although it did not stipulate how the returned bands would be reallocated or assigned to other operators.

The launch of the auction to reassign the 850 MHz and 1900 MHz frequency bands returned by Telefónica Móviles Argentina S.A. was postponed several times. Finally, the auction was launched by Resolution No. SC 57/11.

Personal took part in the spectrum auction process and expected to acquire additional spectrum to complete its "Spectrum cap" throughout Argentina, but, on September 5, 2012, Personal was notified of SC Resolution No. 71, by which, as provided for in Article 10 of the List of Conditions, the auction approved by SC Resolution No. 57/11 was canceled for reasons of opportunity, merit and convenience of the Argentine Government. As part of that process, the CNDC issued an opinion as requested by the SC, by which it recommended against assigning additional frequency bands that were subject to auction to Personal — regardless of the cap established by the regulatory authority — in order to avoid the risks that such additional spectrum could cause. However, this recommendation was not considered in evaluating Personal's background in the auction nor in the reasons for cancelling the auction. Personal believes that the grounds of this opinion are clearly contrary to the current regulatory framework and to the previous actions of the Government.

By Presidential Decree No. 2426/12 issued in December 2012, the current spectrum and telecommunication license general regulation was modified to allow the SC to allocate spectrum directly to Government organizations (or organizations where the state is the main owner) without proceeding with a public auction as was required before this modification. It also mandates the SC to allocate the spectrum from the recently cancelled auction (which represents approximately 20% of current mobile spectrum available) to Argentine Satellite Solution Corporation S.A. ("ARSAT" — a company wholly owned by the Argentine Government). See "Item 4—Information on the Company—Regulatory Framework—Regulatory Bodies and General Legal Framework" for a description of the dispositions of Decree No. 2426/12.

In December 2012 the President announced the launching of a new state owned mobile service branded "libre.ar". The business plan has not been presented and details of these operations were not disclosed yet.

The government's dual-role, as both regulator and competitor, represents a significant change in the mobile industry. We cannot assure that it could not open several risks to Personal's business including possible adverse changes in the regulatory framework and the current market rules. The lack of allocation of additional frequency bands is negatively affecting the quality of service of all the Argentine mobile operators and the evolution of the sector. It could also adversely affect Personal's competitive position and may require higher capital expenditures for Personal to continue providing high quality mobile services to its customers. See "Item 4-Information on the Company-Regulatory Framework-Other Regulations-Regulations Applicable to PCS Services" for a detailed description of Personal's license.

Actual or perceived health risks or other problems relating to mobile handsets or transmission masts could lead to litigation or decreased mobile communications usage.

The effects of, and any damage caused by, exposure to an electromagnetic field were and are the subject of careful evaluations by the international scientific community, but until now there is no scientific evidence of harmful effects on health. We cannot rule out that exposure to electromagnetic fields or other emissions originating from mobile handsets will finally not be identified as a health risk.

Although Argentine mobile operators comply with the international security standards established by the World Health Organization and Argentine regulations, which are similar, our mobile business may be harmed as a result of these alleged health risks. For example, the perception of these health risks could result in a lower number of customers, reduced usage per customer or potential consumer liability. In addition, these concerns may cause regulators and municipalities to impose restrictions on the construction of base station towers or other infrastructure, which may hinder the completion of network build-outs and the commercial availability of new services and may require additional investments.

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Operational risks could adversely affect Telecom Argentina's reputation and our profitability.

Telecom Argentina faces operational risks inherent in its business, including those resulting from inadequate internal and external processes, fraud, employee errors or misconduct, failure to comply with applicable laws, failure to document transactions properly or systems failures. In addition, unauthorized access to Telecom Argentina's information systems or institutional sites could cause the loss or improper use of confidential information, unauthorized changes in Telecom Argentina's information and network systems or alterations to Telecom Argentina's information published on these sites. These events could result in direct or indirect losses, technical failures in Telecom Argentina's ability to provide its services, inaccurate information for decision making, adverse legal and regulatory proceedings, and harm its reputation and operational effectiveness, among others.

Telecom Argentina has risk management practices at the highest levels designed to detect, manage and monitor the evolution of these kind of operational risks, and for this purpose it established a Risk Management Committee in September 2012.

However, there is no guarantee that these measures will be successful in effectively mitigating the operational risks that Telecom Argentina faces and such failures could have a material adverse effect on its results of operations and could harm its reputation.

Nortel, as our controlling shareholder, and Sofora, as Nortel's controlling shareholder, exercise control over significant matters affecting us.

Nortel is our direct controlling shareholder. Sofora owns 100% of the common stock of Nortel, which represents 78.38% of the total capital stock of Nortel as of the date of this Annual Report. Sofora is 68% owned by Telecom Italia Group and 32%

owned by W de Argentina—Inversiones.

Through their ownership of Sofora and the Shareholders' Agreement between them, the Telecom Italia Group and W de Argentina—Inversiones have, as a general matter, the ability to determine the outcome of any action requiring our shareholders' approval, including the ability to elect a majority of directors and members of the Supervisory Committee. In addition, we have been informed that, pursuant to the shareholders' agreement entered into between the Telecom Italia Group and the Werthein Group, the Telecom Italia Group and W de Argentina—Inversiones have agreed among themselves to certain matters relating to the election of our directors and those of Nortel and Sofora and have given W de Argentina—Inversiones veto power with respect to certain matters relating to us. See "Item 7—Major Shareholders and Related Party Transactions—Shareholders' Agreement."

We have engaged in and will continue to engage in transactions with these shareholders of Nortel and, at the present time, of Sofora, and their affiliates. Certain decisions concerning our operations or financial structure may present conflicts of interest between these shareholders as direct or indirect owners of Telecom Argentina's capital stock and as parties with interests in these related party contracts.

Nevertheless, all related parties' transactions were made on an arm's length basis and those which exceed 1% of Telecom Argentina's shareholders' equity are subjected to a prior approval process established by Decree No. 677/01 (replaced since January 28, 2013 by Law No. 26,831) and requiring involvement of the Audit Committee and/or an opinion of two independent valuation firms as well as subsequent approval by the Board of Directors to verify that the agreement could reasonably be considered to be in accordance with normal and habitual market practice. See "Item 7-Major Shareholders and Related Party Transactions-Related Party Transactions."

Our operations and financial condition could be affected by union negotiations.

In Argentina, labor organizations have substantial support and have considerable political influence. In recent years, the demands of our labor organizations have increased mainly as a result of the increase in the cost of living (which was affected by increased inflation) and a decline in the population's purchasing power.

In addition to the recategorization process executed in 2012 for Telecom Argentina's nonunionized employees, certain labor organizations have advocated that some of our nonunionized employees should be represented by trade unions. Unions have also requested that we delegate currently outsourced tasks to Company's employees.

If the number of employees covered by trade unions increases or Personal's employees (currently included in the collective bargain agreement of the Argentine Federation of Commercial and Service Employees "FAECyS") are included in the new collective bargain agreement for the mobile industry, this could result in reduced flexibility in our relationship with Personal's employees and increased costs, including the higher compensation that we may need to pay. See "Item 6—Directors, Senior Management and Employees and Labor Relations."

The Argentine government may order salary increases to be paid to employees in the private sector or changes in labor regulations, which would increase our cost of doing business.

The Argentine government has in the past and may in the future promulgate laws, regulations and decrees requiring companies in the private sector to maintain minimum wage levels and provide specified benefits to employees (including higher levels of severance payments to former employees dismissed without proper cause). We cannot guarantee that the government will not adopt measures, as it did in the past, which will increase

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salaries or require us to provide additional benefits, which would increase our costs and, among other things, in the absence of an adjustment of regulated rates in our fixed services segments, continue reducing our profit margins.

Moreover, there are certain bills pending in the Argentine Congress regarding modifications to labor regulations such as increasing severance payments or considering amounts paid to employees that are currently not subject to social security contributions as part of the normal and usual employees' salaries, increasing liability of the companies for the contractor's and sub-contractor's employees in outsourced tasks and the implementation of a regime that would entitle employees to participate in the profits of companies that employ them.

If such bills are approved, the modifications in current labor regulations and conditions could materially impact our relationship with our employees by increasing the labor cost and in some cases decreasing the flexibility to provide services to our clients.

The Regulatory Authorities may impose increased penalties on Telecom Argentina and Personal

The Regulatory Authorities have increased the number of cases and the amount of fines applied to Telecom Argentina mainly in connection with alleged delays in the fixed lines installation and maintenance of services. Additionally, the Regulatory Authorities have initiated different administrative procedures against Telecom Argentina and Personal related to temporary interruptions of services caused by different incidents. Lately the Authorities have threatened Telecom Personal with the applications of fines and the obligation to pay compensation to the clients involved. In many of these cases, we believe that the Authorities are misinterpreting of the legal framework of our telecommunication license or exceeding the legal terms of the service provision. Final administrative nor judicial decisions on these cases have not been made yet. We cannot foresee whether the Regulatory Authorities based on the increased number of administrative complaints will seek to apply significant sanctions to Telecom Argentina or Telecom Personal, any of which could have an adverse effect on Telecom Argentina or Personal's operations, financial situation, results of operations and cash flows.

We are involved in various legal proceedings which could result in unfavorable decisions and financial penalties for us.

We are party to a number of legal proceedings, some of which have been pending for several years. We cannot be certain that these claims will be resolved in our favor. Responding to the demands of litigation may divert Management's time and attention and financial resources.

In addition, in recent years, certain changes in the treatment of employment matters under Argentine law have created new incentives for individuals to pursue employment-related litigation in Argentine courts. These changes include holdings that an employee of a contractor or subcontractor may file a direct action against the company contracting the work, that any cap on severance pay in cases of dismissal without cause is unconstitutional, that an employee may bring a civil action in the event of an occupational accident, and that an employee can bring a lawsuit against the employer because of changes in working conditions. Additionally, the Company is exposed to claims of employees of contractors and subcontractors and commercial agents claiming direct or indirect responsibility of Telecom based on a broad interpretation of the rules of labor

Also, the Company is subject to various lawsuits initiated by some employees and former employees who claim wage

differences caused by the impact of the concepts "non-remunerative sums (amounts not subject to social security contributions)" and "food vouchers" over the settlement of items such as overtime, productivity, vacation, supplementary annual salary and other additional benefits provided by the Collective Bargaining Agreement and, in certain cases, have obtained favorable rulings for these claims. Additionally, we cannot assure that after the recategorization process executed by Telecom Argentina in 2012 as a result of the agreements reached with the labor organizations, individual employee claims will not be filed regarding such recategorization process.

In the past, Personal was subject, and currently is subject, to claims by former representatives (commercial agents) who end their business relationship by making claims for reasons that are not always justified by contract terms.

As a result, Telecom Argentina and Personal may face increased risk of employment and commercial litigation. If this occurs, we cannot guarantee that it will not have an adverse effect on our results of operations, financial condition and cash flows, despite the provisions that the Company has recorded to cover from these matters, as it is described in "Item 8—Financial Information."

The CNC regulates telecommunications services in Argentina and in its capacity is empowered to apply economic sanctions against licensees for breaches of the current regulatory framework. Recently, there has been a growing trend of imposing sanctions on Telecom Argentina for technical reasons, mainly related to the delay in repairing defective lines and/or installing new lines. In addition, there was an increased number of sanctions on

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Telecom Argentina and Personal regarding service failures. Although penalties are appealed in the administrative stage, if the appeals are not solved in our favor in the administrative or judicial stage, or the penalties imposed by the CNC increased, it could have an adverse effect on our financial situation, results of our operations and cash flows.

In 2009, the environmental agency required Telecom Argentina to be registered in the National Registry of Generators and Operators of Hazardous Waste as a result of alleged problems with our liquid drainage at an underground chamber (as it had been previously required to do in 1999). This registration would require Telecom Argentina to pay an annual fee calculated in accordance with a formula that takes into consideration the extent of the hazard and the quantity of the waste. Telecom Argentina filed a request for administrative review seeking to obtain rejection of the environmental agency's ordinance. We cannot guarantee that the rejection will be obtained. In addition, changes in environmental legislation or the evolution of products and services we offer could require Telecom Argentina to be registered in the National Registry of Generators and Operators of Hazardous Waste. In that case or if the rejection of the environmental agency's ordinance is not obtained, Telecom Argentina would face increased costs which may include retroactive fees.

See "Item 8—Financial Information—Legal Proceedings—Civil, commercial, labor, regulatory, tax and other matters proceedings."

The enforcement of regulations aimed at protecting consumers may have an adverse effect on us.

The Consumer Protection Act No. 24,240 (the "Consumer Protection Act") establishes a series of principles and rules for the protection of consumers and users. The Consumer Protection Act applies to the telecommunications industry and to any other industry in which consumers and users are involved.

Telecom Argentina and Personal have received several customer complaints in connection with the provisions of the Consumer Protection Act that were filed with different law enforcement bodies (national, provincial or municipal). In the last few years there was also an increase in legal actions brought by consumer associations. See "Item 8-Financial Information-Legal Proceedings-Civil, commercial, labor, regulatory, tax and other matters proceedings-General Proceedings-Consumer Trade Union Proceedings."

This situation may entail risks for Telecom Argentina and Personal concerning, among others, the prices charged for its services, or the obligation to return amounts charged for its services. If such were the case, any of such consequences could have an adverse effect on our financial situation, results of our operations and cash flows.

The BCRA has imposed restrictions on the transfer of funds outside of Argentina in the past; some restrictions currently exist and may increase in the future, which could prevent us from making payments on dividends and liabilities.

In the past, the Argentine government has imposed a number of monetary and currency exchange control measures, including temporary restrictions on the free availability of funds deposited with banks and restrictions or limitations on the access to foreign exchange markets and transfers of funds abroad, including for purposes of paying principal and interest on debt, trade liabilities to foreign suppliers and dividend payments to foreign shareholders. Between the end of 2001 and 2002, the Argentine government implemented a unified exchange market (Mercado Único y Libre de Cambios — MULC) with significant regulations and restrictions for the purchase and transfer of foreign currency.

Since late 2011 the Argentine government implemented a series of measures aimed to increase controls on the foreign trade and capital flows. To that effect, certain measures were implemented to control and limit the purchase of foreign currency, such as the prior approval of the AFIP for any purchase of foreign currency made by private companies and individuals for saving purposes. In addition, the BCRA expanded the controls and measures to make payments abroad accessing the local foreign exchange market, regarding trade payables and financial debt, and also established demanding procedures that must be met to pay certain trade payables with related parties. Although there are no regulations that prohibit making dividend payment to foreign shareholders, in practice authorities have substantially limited any purchase of foreign currency to pay dividends since these exchange controls were implemented. There can be no assurance that the BCRA or other government agencies will not increase controls and restrictions for making payments to foreign creditors or dividend payments to foreign shareholders, which would limit our ability to comply in a timely manner with payments related to our liabilities to foreign creditors or non-resident shareholders. See "Item 10-Additional Information-Foreign Investment and Exchange Controls in Argentina."

Pursuing the same objective, in October 2011 Decree No. 1,722 eliminated an exception for oil, gas and mining companies, and thus requires these companies to liquidate all their export receipts in the local foreign exchange market. Moreover, in October 2011 the National Insurance Bureau issued Resolution No. 36,162 imposing the obligation for insurance companies to repatriate all investments and liquid assets allocated outside Argentina. We cannot ensure that similar measures will not be implemented for other private companies or other sectors in the future.

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Fluctuations in Telecom Argentina's share price depend on various factors, some of which are outside of our control.

The market price of our shares is subject to change due to various factors which are outside of our control such as changes in market expectations, changes in the economic, financial and political situation in Argentina, the way the Ministry of Economy and Public Finance (in exercise of shareholders' rights that belong to ANSES, according to Decree No. 1,278/12) will exercise its political rights and manage its share ownership in Telecom Argentina, and changes in measures used by investors or analysts to value our stock or market trends unrelated to our performance and operations. We cannot predict when such external factors will affect our stock price or whether their effects will be positive or negative.

In addition, currency fluctuations could impact the value of an investment in Telecom Argentina. Although Telecom Argentina's ADSs listed on the New York Stock Exchange are U.S. dollar-denominated securities, they do not eliminate the currency risk associated with an investment in an Argentine company.

ITEM 4. INFORMATION ON THE COMPANY

INTRODUCTION

The Company

Telecom is one of the largest private-sector companies in Argentina in terms of revenues, net income and number of employees. Telecom Argentina has a non-expiring license (the "License") to provide fixed-line telecommunications services in Argentina, and it also provides other telephone-related services such as international long-distance service, data transmission, IT solutions outsourcing and Internet services. Through our subsidiaries, we also provide mobile telecommunications services and international wholesale services.

As of December 31, 2012, we had approximately 4.1 million fixed lines in service. This is equivalent to approximately 21 lines in service per 100 inhabitants in the Northern Region of Argentina and 371 lines in service per employee.

As of December 31, 2012, our Internet business reached approximately 1.6 million accesses and our mobile business had approximately 19.0 million subscribers in Argentina and approximately 2.3 million subscribers in Paraguay.

Business Strategy

The Telecom Group pursues a business strategy focused on increasing its profitability and maximizing value generation for its customers, shareholders, employees and the broader community it serves. In order to promote the achievement of its goals in a sustainable and consistent manner, the Telecom Group develops business plans according to the telecommunications market and macroeconomic environment and invests in products and services innovation aimed at improving its customers' user experience by adding content, interactivity and convenience to communication.

Our priority focuses on operational efficiency and the effectiveness of planning and control processes. We view these as key competitive factors for our Company and its long-term corporate sustainability.

We invest in our human resources through communication, training and development programs, promoting work-life balance, enabling telecommuting and providing open and transparent relationships with individual employees and trade unions. We conduct our activities in accordance with the principles and values in our Code of Business Conduct and Ethics, which applies to all managers and employees in the Telecom Group, and which our suppliers are required to comply with. We have an experienced Management team that has demonstrated flexibility and aimed at achieving operational and economic goals.

We also consider the integrated vision of processes and technology to be a key factor of efficiency in our corporate Management and market competitiveness, thereby enabling us to provide high-value service options to the individual and business consumer.

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Our investments in technology are designed to continuously adapt our coverage and capacity of our infrastructure and implement new service platforms. We aim to provide higher quality service to our increasing traffic volumes and demand for bandwidth, caused by the expansion of our customer base, the access to the network applications and to Value Added Services, access to social networks and content distribution. We intend to align these investments with cutting edge technologies and those that have been previously implemented in other parts of the world, capturing the benefits of international experience.

Through our Broadband and mobile Internet services, we offer our customers continuous Internet access, regardless of the users' physical location. We also provide our consumers with mobile equipment and applications that enhance personal communication, social relations, entertainment and professional performance.

For the corporate segment, we integrate communication solutions with information technology services by providing virtual access to applications and platforms at our datacenters.

We maintain affordable prices commensurate with the market's purchasing power, focusing on achieving our revenue growth by expanding and developing our customer base and by offering new services and products. We simplified our price structure by developing service packages targeted to different consumer profiles, which provide customers with a clear view and control over their communication expenses.

The penetration of communication services in the Argentine market has continued to show sustained growth positioning above the regional average. Our growth rate is currently positioned above the market rate. New market development opportunities could result from a more favorable environment for investment and competition in the sector.

Our mobile operations under the Personal brand, which has been increasing its market share, has successfully addressed Number Portability, implemented in early 2012.

We believe that the strategy implemented by our Management sets the foundations for the Telecom Group to reach its goals of continuous service quality improvement, strengthening its market position and increasing its operating efficiency in light of new regulations for telecommunications and other rules of general application affecting the private sector in Argentina.

Organizational Structure

The following chart shows our subsidiaries as of December 31, 2012, and jurisdiction of organization.