Consolidated Financial Statements for the First Half of Fiscal Year ending March 31, 2017

31/Oct/2016

These financial statements have been prepared in accordance with accounting principals generally accepted in Japan.

NEC Networks & System Integration Corporation

http://www.nesic.co.jp/english/index.html

1. Consolidated Results for the First Half (April 1, 2016 to September 30, 2016)

of Fiscal Year ending March 31, 2017

(1) Net Sales and Income

	Net sales	Year-on-year	Operating	Year-on-year	Ordinary	Year-on-year
	(¥ million)	change (%)	income	change (%)	income	change (%)
6 months ended	118.833	-7.0	1.725	-51.2	1.852	-48.5
September 2016	110,035	-7.0	1,725	-51.2	1,052	-40.5
6 months ended	127.834	-2.1	3.531	-21.5	3.597	-22.8
September 2015	127,034	-2.1	5,551	-21.5	5,597	-22.0

	Net income attributable to owners of the parent (¥ million)	Year-on-year change (%)	Net income per share (¥)	Net income per share (diluted) (¥)
6 months ended September 2016	1,011	-48.0	20.39	_
6 months ended September 2015	1,945	-27.6	39.19	_

c.f. Comprehensive income: 1H/FY Mar 2017: ¥1,072 million (-50.9%); 1H/FY Mar 2016: ¥2,184 million (-26.3%)

(2) Financial Position

	Total assets (¥ million)	Net assets (¥ million)	Owner's equity ratio (%)	Net assets per share (¥)
30/Sep/2016	185,036	93,782	49.8	1,855.05
31/Mar/2016	196,569	94,397	47.2	1,868.25

c.f. Owner's equity: 30/Sep/2016: ¥92,081 million; 31/Mar/2016: ¥92,738 million

2. Dividends

		Dividends per share (¥)				
	1st	Interim	3rd	Year-end	Fullwoor	
	quarter	menm	quarter	real-enu	Full year	
FY ending Mar. 2017	_	36.00	_ *	36.00 [※]	72.00 [※]	ℜ Forecasts
FY ended Mar. 2016	—	35.00	_	35.00	70.00	

Note: Revisions to projected dividends for the quarter under review: no

3. Financial Forecasts for Fiscal Year ending March 31, 2017 (April 1, 2016 to March 31, 2017)

Percentages re	present change	compared to the	previous corres	sponding period.)

	Net sales Operating income		Ordinary income		Net income attributable to		Net income				
	Net	bales			operating moonle		Ordinary income		owners of the parent		per share
	(¥ million)	(%)	(¥ million)	(%)	(¥ million)	(%)	(¥ million)	(%)	(¥)		
FY ending Mar. 2017	270,000	-3.6	13,500	-4.3	13,500	-4.5	8,000	33.4	161.16		

Note: Revisions to projected results for the quarter under review: no

Cautionary Statement

Forecasts of results mentioned in this document are future estimates and are thus inclusive of risks and uncertain factors since they are not based on definite facts. Please be aware that a variety of factors could cause actual results to differ significantly from those projected. The major factors affecting actual results include the economic climate and social trends surrounding the business of this Company's group, consumer trends vis-a-vis systems and services provided by this Company's group, as well as pressure to lower prices and ability to cope with the market in response to intensified competition.

Factors affecting results are not limited to the ones mentioned above.

Stock exchange listing: Tokyo Code number: 1973

(Rounded down to the nearest million yen.)

4. Business Results

(1) Business Results for the 1H for the Fiscal Year Ending March 31, 2017

During the 1H for the fiscal year ending March 31, 2017 (the period from April 1, 2016 to September 30, 2016), the Japanese economy continued to experience a moderate recovery, supported by the effects of various policies amid the continued improvement of employment and income conditions. However, there were some signs of weakness, such as a standstill in the improvement of corporate earnings.

In the fields of information and communication technology (ICT), in which NEC Networks & System Integration Corporation ("the Company") operates, differences were observed in each field under these economic conditions.

First, in the corporate market, the recovery of ICT investments continued. Investments for enhancing business management and competitiveness, in particular, work style innovation, remained firm, while corporate managers continued to hold critical views on the effects of investment.

The environment surrounding the telecom carrier business remained severe, because of the ongoing restraint on capital spending on network infrastructure.

In the central and local governments as well as the public interest market, while investment in the digitalization of fire-fighting and emergency radio systems came to an end with the arrival of the deadline for migration from analog systems in May 2016, a sense of firmness in investments implemented under the concept of safety and security and for the improvement of urban infrastructure remained unchanged.

Meanwhile, overseas, particularly in Asia, there is a demand for the construction of such infrastructure as mobile communications networks.

Positioning the current fiscal year as a year for consolidating its foothold for regrowth in the medium term in this market environment, the Company and its consolidated subsidiaries (hereinafter the "Group") worked to reinforce their sales capabilities and actively develop promotion activities for solutions, while moving forward internally with initiatives to strengthen the Group's business capabilities, such as the development of next-generation ERP systems and the continuous improvement of cost effectiveness. For enterprises, it launched NetsVoice, a cloud-based voice service, to drive service-oriented businesses by addressing demand for PBX renewals, and also opened an IoT laboratory to conduct validations and evaluations of customers' IoT solutions while they are under development. By doing so, the Group proceeded with measures for expanding its strategic business fields such as EmpoweredOffice*, IoT and MVNO.

Overseas, the Group also strengthened its efforts in the Myanmar market, into which it made a full-scale entry in the previous fiscal year, by establishing ICT Star Group Myanmar Co., Ltd., an overseas subsidiary, in April 2016 through joint venture with local companies. The purpose of this joint venture is to strengthen its business base and further expand its business

by securing and cultivating engineers in Myanmar where infrastructure investment is expected to grow in the future.

As a result, the Group posted the following consolidated results for the 1H under review:

Net sales	¥118,833 million	7.0% decrease year on year
Operating income	¥1,725 million	51.2% decrease year on year
Ordinary income	¥1,852 million	48.5% decrease year on year
Net income attributable	¥1,011 million	48.0% decrease year on year
to owners of the parent		
< Reference >		
Orders received	¥144,385 million	2.0% increase year on year

Net sales decreased 7.0% year on year, to ¥118,833 million. This was caused by a substantial decline in sales in the Carrier Networks business linked to the restraint on capital spending by telecom carriers. Another factor was the completion of projects in response to the digitization of fire-fighting and emergency radio systems, despite the increase in overseas sales. Orders received increased 2.0% year on year, to ¥144,385 million, due to solid sales to enterprises and orders for large-scale projects for the construction of solar power generation plants, despite such effects as the restraint on capital spending by telecom carriers and the completion of projects in response to the digitization of fire-fighting and emergency radio systems.

On the profit front, operating income and ordinary income declined ¥1,806 million and ¥1,744 million year on year, respectively, to ¥1,725 million and ¥1,852 million, chiefly reflecting the significant decrease in net sales, despite an improvement in the cost of sales ratio mainly in the Enterprises Networks and Carrier Networks businesses due to the improvement of cost effectiveness. As a result, net income attributable to owners of the parent also decreased ¥933 million year on year, to ¥1,011 million.

Operating results by business segment were as follows:

Net sales by business segment

	Enterprises	Carrier	Social	Other	Total	
	Networks	Networks	Infrastructure	Other	TOLAI	
1H Fiscal 2017.3	52,060	28,477	34,928	3,366	118,833	
1H Fiscal 2016.3	50,956	35,618	39,373	1,886	127,834	
Increase or decrease	1,104	-7,141	-4,445	1,480	-9,001	
Ratio of increase/decrease	2.2	-20.0	-11.3	78.5	-7.0	
(%)						

Reference: Orders received by business segment

Enterprises Carrier Social Other Total Networks Networks Infrastructure 1H Fiscal 2017.3 60.512 35,210 45,565 3,096 144,385 1H Fiscal 2016.3 52,839 34.712 51,010 2,936 141,500 Increase or decrease 7,672 497 -5,445 159 2,885 Ratio of increase/decrease 14.5 1.4 -10.7 5.4 2.0 (%)

1. Enterprises Networks business

Net sales increased 2.2% year on year, to ¥52,060 million, reflecting solid sales of EmpoweredOffice, a solution for office innovation, as ICT investment for work style reform remained firm.

2. Carrier Networks business

Net sales declined 20.0% year on year, to ¥28,477 million, due to the effect of further cuts in capital spending by telecom carriers, particularly in mobile communications base stations.

3. Social Infrastructure business

Despite an increase in overseas sales and broadcast/cable TV business, net sales dropped 11.3% year on year, to ¥34,928 million, reflecting a fall in sales related to the digitalization of fire-fighting and emergency radio systems because of the arrival of the deadline for migration from analog systems in May 2016.

(Million yen)

(Million yen)

*EmpoweredOffice:

EmpoweredOffice is our office innovation solution. It combines our strengths in ICT and facility installation to enable more intellectual and creative styles of work through process reforms. It also proposes new methods and places of work that enable customers to fulfill their social responsibilities, such as the strengthening of security and environmental responsiveness.

Business Segment	Descriptions of Main Businesses
	Service integration of ICT solutions, mainly for the enterprises market
	Total office solutions based on ICT with securities or environmental
Enterprises Networks	solutions
	and related operation/monitoring services, as well as outsourcing
	services using our own contact centers and data centers
	Service integration mainly for telecom carriers' ICT platforms (from
	mobile communications base stations to core networks), including
	systems integration, installation, and related services such as
Carrier Networks	operations and monitoring.
	Systems integration of large-scale, wide-area, carrier-grade ICT
	platforms and data centers and related operations, monitoring services
	Development, manufacturing, sales and systems integration of network
	equipment and other equipment.
	Service integration of ICT infrastructure for governments and public
	utilities (broadcasters, electric power companies, etc.), such as systems
Social Infrastructure	integration, installation, operation, and monitoring, and operations in
	markets other than the Tokyo, Nagoya, and Osaka areas. Overseas
	subsidiaries
Others	Sales of purchased equipment

<Outline of Business Segments>

(2) Outlook for the Fiscal Year Ending March 31, 2017

The Japanese economy is expected to show a moderate recovery trend, reflecting the effect of economic measures by the government and improvements in the employment and income conditions. However, it continues to face a risk of downward pressure due to such factors as the sharp appreciation of the yen and concerns over a downturn in the overseas economy. Capital spending by telecom carriers is also expected to remain restrained.

In this environment, the Company's business results, as a Group, continue to be affected by the severe operating environment in the Carrier Networks business. However, its consolidated forecast for the fiscal year ending March 31, 2017 (April 1, 2016 – March 31, 2017) remains

unchanged from the initial forecast as of this moment, given that the Group will continue to make efforts to improve its earnings by focusing on Enterprises Networks and Social Infrastructure businesses and promoting further cost reductions.

Net sales	¥270 billion	3.6% decrease year on year
Operating income	¥13.5 billion	4.3% decrease year on year
Ordinary income	¥13.5 billion	4.5% decrease year on year
Net income attributable	¥8.0 billion	33.4% increase year on year
to owners of the parent		

5. Consolidated Financial Statements

(1) Consolidated Balance Sheets

(1) Consolidated Balance Sheets		(Millions of yen)
	As of	As of
	March 31, 2016	September 30, 2016
Assets		
Current assets		
Cash and cash equivalents	43,889	60,237
Notes and accounts receivable	104,841	74,921
Purchased goods, materials and supplies	2,878	2,819
Work in process	6,311	8,171
Other	9,760	10,861
Allowance for doubtful accounts	(44)	(45)
Total current assets	167,638	156,966
Non-current assets	,	,
Property and equipment	10,967	11,021
Intangible assets	10,007	11,021
Goodwill	1,944	1,816
Other	3,080	2,793
Total intangible assets	5,025	4,610
Investments and other assets	5,025	4,010
Other	10.070	10 475
	12,979	12,475
Allowance for doubtful accounts	(41)	(37)
Total investments and other assets	12,937	12,437
Total non-current assets	28,931	28,070
Total assets	196,569	185,036
Liabilities		
Current liabilities		
Notes and accounts payable	39,190	31,002
Short-term bank loans	4,154	4,305
Current installments of long-term debt	163	164
Accruedncome taxes	3,883	1,048
Accrued bunuses to directors and corporate auditors	99	33
Accrued warranty on products	189	142
Accrued losses on sales contracts	399	919
Other current liabilities	19,032	18,705
Total current liabilities	67,113	56,323
Long-term liabilities		-
Long-term debt	4,185	4,100
Liabilities for retirement benefits	28,960	28,694
Other liabilities	1,911	2,137
Total long-term liabilities	35,057	34,931
Total liabilities	102,171	91,254
Net assets		01,201
Shareholders' equity		
Capital stock	13,122	13,122
Capital surplus	16,650	16,652
Retained earnings	67,597	66,872
-	(270)	
Treasury stock, at cost	· · · · ·	(270)
Total shareholders' equity	97,100	96,375
Accumulated other comprehensive income	00	00
Net unrealized holding gain on other securities	32	36
Foreign currency translation adjustments	(376)	(640)
Accumulated adjustments for retirement benefits	(4,018)	(3,689)
Total accumulated other comprehensive income	(4,362)	(4,293)
Non-controlling interests	1,659	1,700
Total net assets	94,397	93,782
Total liabilities and net assets	196,569	185,036

(2) Consolidated Statements of Income and Comprehensive Income

(Consolidated Statements of Income)		(Millions of yen)
	1H, FY March 2016	1H, FY March 2017
	(6 months ended Sep. 2015)	(6 months ended Sep. 2016)
Net sales	127,834	118,833
Cost of sales	108,691	100,748
Gross profit	19,143	18,085
Selling, general and administrative expenses	15,611	16,359
Operating income	3,531	1,725
Non-operating income		
Interest income	32	21
Insurance income	172	190
Other	177	154
Total non-operating income	382	366
Non-operating expenses		
Interest expenses	35	42
Other	282	195
Total non-operating expenses	317	238
Ordinary income	3,597	1,852
Extraordinary income		
Gain on sale of investment in affiliates	40	-
Total extraordinary income	40	-
Extraordinary losses		
Closing of affiliates cost	-	79
Retirement benefit expenses	464	-
Relocation expenses for subsidiaries	116	-
Total extraordinary losses	581	79
Income before income taxes	3,056	1,773
Income taxes	1,073	655
Net income	1,982	1,118
Net income attributable to non-controlling	37	106
Net income attributable to owners of the parent	1,945	1,011

		(Millions of yen)
	1H, FY March 2016	1H, FY March 2017
	(6 months ended Sep. 2015)	(6 months ended Sep. 2016)
Net income	1,982	1,118
Other comprehensive income		
Net unrealized holding loss on other securities	s (14)	4
Foreign currency translation adjustments	(137)	(378)
Adjustments for retirement benefit	353	328
Total other comprehensive income	201	(45)
Comprehensive income	2,184	1,072
Comprehensive income attributable to:		
Owners of the parent	2,171	1,080
Non-controlling interests	12	(7)

(3) Consolidated Statements of Cash Flows

(Millions	of yen)

(6 months ended Sep. 2015) (6 months ended Sep. 2016) Cash flows from operating activities 3,056 1,773 Depreciation and amortization 1,352 1,431 Amortization of goodwill 159 127 Increase (decrease) in asset for retirement benefiti (61) (63) Increase (decrease) in accurued varranty on Increase (decrease) in accurued varranty on (67) (47) Increase (decrease) in accurued losses on sales (43) (28) contracts 31,012 28,735 (Increase) decrease in notes and accounts (1,563) (1,543) (Increase) decrease in inventories (1,563) (1,849) Increase (decrease) in accrued consumption taxes (157) 954 Other, net (1,571) 954 Subtotal 11,347) (991) Increase of inacy activities (4,113) (3,564) Net cash provided by (used in) operating activities (4,113) (3,654) Net cash provided by (used in) operating activities (4,113) (1,24) Cash flows from investing activities (4) (4) (4)		1H, FY March 2016	1H, FY March 2017
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Interest expense3542(Increase) decrease in notes and accounts31,01228,735(Increase) decrease) in notes and accounts payable(12,545)(7,944)Increase (decrease) in accrued consumption taxes(2,075)(1,214)Other, net(157)954Subtotal19,62122,653Interest paid(34)(42)Increase of property and equipment(34)(42)Purchase of property and equipment(1,347)(991)Purchase of investment securities(4)(4)Loans receivable made(2)(1)Cash flows from financing activities(361)(36)Proceeds from sales of investments in affiliates151-Other, net(361)(36)(1,204)Cash flows form financing activities(1,973)(1,204)Cash flows form financing activities(1,973)(1,204)Cash flows form financing activities(84)(84)Dividends paid to minority shareholders of(18)(14)Dividends paid to minority shareholders of(18)(144)Dividends paid to minority shareholders of(18)(144)Other, net(225)(249)Net increase (decrease) in cash and cash equivalents(184)(64)Other, net(356)(1,458)Dividends paid to minority shareholders of(184)(64)Other, net(3301(16,347)Cash novale aptivalents(184)(64)Other, net(3301(16,347) <td>contracts</td> <td>(44)</td> <td>524</td>	contracts	(44)	524
(Increase) decrease in notes and accounts31,01228,735(Increase) decrease in inventories(1,563)(1,849)Increase (decrease) in accrued consumption taxes(2,075)(1,214)Other, net(157)954Subtotal19,62122,653Interest and dividend income received4328Interest paid(34)(42)Increase of property and equipment(34)(413)Purchase of investing activities15,51619,074Cash flows from investing activities(411)(172)Purchase of investment securities(4)(4)Loans receivable made(2)(1)Collection of loans receivable32Proceeds from sales of investing activities(1,973)(1,204)Cash flows from financing activities(1,973)(1,204)Net increase (decrease) in short-term bank loans1,872626Repayments of long-term debt(84)(84)Dividends paid to minority shareholders of(18)(14)Dividends paid to minority shareholders of(18)(14)Dividends paid to minority shareholders of(18)(144)Other, net(235)(249)Net increase (decrease) in cash and cash equivalents(184)(64)Net increase (decrease) in cash and cash equivalents(184)(64)Net increase (decrease) in cash and cash equivalents(330)16,347Cash and cash equivalents at beginning of period38,95143,889	Interest and dividend income	(43)	(28)
(Increase) decrease in inventories(1,563)(1,849)Increase (decrease) in notes and accounts payable(12,545)(7,944)Increase (decrease) in accrued consumption taxes(2,075)(1,214)Other, net(19,621)22,653Interest and dividend income received4328Interest paid(34)(42)Income taxes paid(34)(42)Net cash provided by (used in) operating activities15,51619,074Purchase of property and equipment(1,347)(991)Purchase of investing activities(411)(172)Purchase of investing activities(2)(1)Collection of loans receivable32Proceeds from sales of investing activities(361)(361)Net cash used in investing activities(1,973)(1,204)Cash flows from financing activities(1,973)(1,204)Other, net(361)(361)(361)Other, net(1,973)(1,204)Cash flows from financing activities(1,973)(1,204)Other, net(235)(249)Net increase (decrease) in short-term bank loans1,872626Repayments of long-term debt(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash(184)(64)Net increase (decrease) in cash and cash equivalents(184)(64)Net cash provided by used in financing activities <td>Interest expense</td> <td>35</td> <td>42</td>	Interest expense	35	42
Increase (decrease) in notes and accounts payable(12,545)(7,944)Increase (decrease) in accrued consumption taxes(2,075)(1,214)Other, net(157)954Subtotal19,62122,653Interest and dividend income received4328Interest paid(34)(42)Income taxes paid(34)(42)Net cash provided by (used in) operating activities15,51619,074Purchase of intangibles(4,113)(3,564)Purchase of intangibles(411)(172)Purchase of investment securities(4)(4)Loans receivable made(2)(1)Collection of loans receivable32Proceeds from sales of investing activities(361)(361)Net cash used in investing activities(1,973)(1,204)Cash flows from financing activities(1,973)(1,204)Net act used in investing activities(361)(361)Net increase (decrease) in short-term bank loans1,872626Repayments of long-term debt(84)(84)Dividends paid to minority shareholders of(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash(184)(64)Net increase (decrease) in cash and cash equivalents(184)(64)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash	(Increase) decrease in notes and accounts	31,012	28,735
Increase (decrease) in accrued consumption taxes(2,075)(1,214)Other, net(157)954Subtotal19,62122,653Interest and dividend income received4328Interest paid(34)(42)Income taxes paid(4,113)(3,564)Net cash provided by (used in) operating activities15,51619,074Cash flows from investing activities(411)(172)Purchase of investment securities(4)(4)Loans receivable made(2)(1)Collection of loans receivable32Proceeds from sales of investments in affiliates(1,973)(1,204)Cash flows from financing activities(361)(36)Net increase (decrease) in short-term bank loans1,872626Repayments of long-term debt(84)(84)Dividends paid to minority shareholders of(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash(184)(64)equivalents(184)(64)Net increase (decrease) in cash and cash equivalents(184)(64)Att instance(184)(64)Other, net(30116,347Cash and cash equivalents at beginning of period38,95143,889	(Increase) decrease in inventories	(1,563)	(1,849)
Other, net(157)954Subtotal19,62122,653Interest and dividend income received4328Interest paid(34)(42)Income taxes paid(34)(42)Net cash provided by (used in) operating activities15,51619,074Cash flows from investing activities15,51619,074Purchase of property and equipment(1,347)(991)Purchase of investment securities(4)(4)Loans receivable made(2)(1)Collection of loans receivable32Proceeds from sales of investments in affiliates151-Other, net(361)(36)Net cash used in investing activities(1,973)(1,204)Cash flows from financing activities1,872626Repayments of long-term debt(84)(84)Dividends paid to shareholders(1,590)(1,735)Dividends paid to shareholders of(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash(184)(64)Net increase (decrease) in cash and cash equivalents(184)(64)Net increase (decrease) in cash and cash equivalents(184)(64) <td>Increase (decrease) in notes and accounts payable</td> <td>(12,545)</td> <td>(7,944)</td>	Increase (decrease) in notes and accounts payable	(12,545)	(7,944)
Subtotal19,62122,653Interest and dividend income received4328Interest paid(34)(42)Income taxes paid(34)(42)Net cash provided by (used in) operating activities15,51619,074Cash flows from investing activities15,51619,074Purchase of property and equipment(1,347)(991)Purchase of investment securities(4)(4)Loans receivable made(2)(1)Collection of loans receivable32Proceeds from sales of investments in affiliates(1,973)(1,204)Other, net(361)(36)Net cash used in investing activities(1,973)(1,204)Cash flows from financing activities(1,590)(1,735)Dividends paid to shareholders(1,590)(1,735)Dividends paid to minority shareholders of(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(18)(14)Effect of exchange rate changes on cash and cash(184)(64)Net increase (decrease) in cash and cash equivalents(184)(64)Net increase (decrease) in cash and cash equivalents(184)(64)Net increase (decrease) in cash and cash equivalents(33,0116,347Cash and cash equivalents at beginning of period38,95143,889	Increase (decrease) in accrued consumption taxes	(2,075)	(1,214)
Interest and dividend income received4328Interest paid(34)(42)Income taxes paid(34)(42)Net cash provided by (used in) operating activities15,51619,074Cash flows from investing activities15,51619,074Purchase of property and equipment(1,347)(991)Purchase of intangibles(4111)(172)Purchase of investment securities(4)(4)Loans receivable made(2)(1)Collection of loans receivable32Proceeds from sales of investments in affiliates151-Other, net(361)(366)Net cash used in investing activities(1,973)(1,204)Cash flows from financing activities(84)(84)Dividends paid to shareholders(1,590)(1,735)Dividends paid to shareholders of(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash(184)(64)Net increase (decrease) in cash and cash equivalents(184)(64)Net increase (decrease) in cash and cash equivalents(184)(64)Net increase (decrease) in cash and cash equivalents(184)(64)Net increase (decrease) in cash and cash equivalents(3,30116,347Cash and cash equivalents at beginning of period38,95143,889	Other, net	(157)	954
Interest paid(34)(42)Income taxes paid(4,113)(3,564)Net cash provided by (used in) operating activities15,51619,074Cash flows from investing activities(4,113)(1,727)Purchase of property and equipment(1,347)(991)Purchase of investment securities(4)(4)Loans receivable made(2)(1)Collection of loans receivable32Proceeds from sales of investments in affiliates151-Other, net(361)(366)Net cash used in investing activities(1,973)(1,204)Cash flows from financing activities1,872626Repayments of long-term debt(84)(84)Dividends paid to shareholders(1,590)(1,735)Dividends paid to shareholders of(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash(184)(64)Net increase (decrease) in cash and cash equivalents(184)(64)Net increase (decrease) in cash and cash equivalents(184)(64)Net increase (decrease) in cash and cash equivalents(13,30116,347Cash and cash equivalents at beginning of period38,95143,889	Subtotal	19,621	22,653
Income taxes paid(4,113)(3,564)Net cash provided by (used in) operating activities15,51619,074Cash flows from investing activities15,51619,074Purchase of property and equipment(1,347)(991)Purchase of intragibles(411)(172)Purchase of investment securities(4)(4)Loans receivable made(2)(1)Collection of loans receivable32Proceeds from sales of investments in affiliates151-Other, net(361)(36)Net cash used in investing activities(1,973)(1,204)Cash flows from financing activities(1,590)(1,735)Dividends paid to shareholders(1,590)(1,735)Dividends paid to minority shareholders of(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash(184)(64)Net increase (decrease) in cash and cash equivalents(184)(64)Other, net(235)(249)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash(184)(64)Net increase (decrease) in cash and cash equivalents(184)(64)Net increase (decrease) in cash and cash equivalents(3,30116,347Cash and cash equivalents at beginning of period38,95143,889	Interest and dividend income received	43	28
Net cash provided by (used in) operating activitiesCash flows from investing activitiesPurchase of property and equipmentPurchase of intangiblesPurchase of intangiblesPurchase of investment securitiesLoans receivable madeCollection of loans receivableOther, netOther, netNet cash used in investing activitiesNet increase (decrease) in short-term bank loansRepayments of long-term debtDividends paid to minority shareholders ofOther, netOther, netQuivelentsRepayments of long-term debtDividends paid to minority shareholders ofOther, netQuivelentsCash flows from financing activitiesRepayments of long-term debtDividends paid to minority shareholders ofOther, netQuivelentsCash and cash equivalentsCash and cash equivalentsCash and cash equivalents at beginning of period	Interest paid	(34)	(42)
Cash flows from investing activities(1,347)(991)Purchase of property and equipment(1,347)(991)Purchase of intangibles(411)(172)Purchase of investment securities(4)(4)Loans receivable made(2)(1)Collection of loans receivable32Proceeds from sales of investments in affiliates151-Other, net(361)(36)Net cash used in investing activities(1,973)(1,204)Cash flows from financing activities1,872626Net increase (decrease) in short-term bank loans(84)(84)Dividends paid to shareholders(1,590)(1,735)Dividends paid to minority shareholders of(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash(184)(64)Net increase (decrease) in cash and cash equivalents(184)(64)Net increase (decrease) in cash and cash equivalents(184)(64)Stan and cash equivalents at beginning of period38,95143,889	Income taxes paid	(4,113)	(3,564)
Purchase of property and equipment(1,347)(991)Purchase of intangibles(411)(172)Purchase of investment securities(4)(4)Loans receivable made(2)(1)Collection of loans receivable32Proceeds from sales of investments in affiliates151-Other, net(361)(36)Net cash used in investing activities(1,973)(1,204)Cash flows from financing activities(1,973)(1,704)Net increase (decrease) in short-term bank loans1,872626Repayments of long-term debt(84)(84)Dividends paid to shareholders(1,590)(1,735)Dividends paid to minority shareholders of(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash(184)(64)Net increase (decrease) in cash and cash equivalents13,30116,347Cash and cash equivalents at beginning of period38,95143,889	Net cash provided by (used in) operating activities	15,516	19,074
Purchase of intangibles(411)(172)Purchase of investment securities(4)(4)Loans receivable made(2)(1)Collection of loans receivable32Proceeds from sales of investments in affiliates151-Other, net(361)(36)Net cash used in investing activities(1,973)(1,204)Cash flows from financing activities(1,973)(1,204)Net increase (decrease) in short-term bank loans1,872626Repayments of long-term debt(84)(84)Dividends paid to shareholders(1,590)(1,735)Dividends paid to minority shareholders of(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash(184)(64)Net increase (decrease) in cash and cash equivalents(184)(64)Net increase (decrease) in cash and cash equivalents13,30116,347Cash and cash equivalents at beginning of period38,95143,889	Cash flows from investing activities		
Purchase of investment securities(4)(4)Loans receivable made(2)(1)Collection of loans receivable32Proceeds from sales of investments in affiliates151-Other, net(361)(36)Net cash used in investing activities(1,973)(1,204)Cash flows from financing activities1,872626Repayments of long-term debt(84)(84)Dividends paid to shareholders(1,590)(1,735)Dividends paid to minority shareholders of(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash(184)(64)Net increase (decrease) in cash and cash equivalents13,30116,347Cash and cash equivalents at beginning of period38,95143,889	Purchase of property and equipment	(1,347)	(991)
Loans receivable made(2)(1)Collection of loans receivable32Proceeds from sales of investments in affiliates151-Other, net(361)(36)Net cash used in investing activities(1,973)(1,204)Cash flows from financing activities(1,973)(1,204)Net increase (decrease) in short-term bank loans1,872626Repayments of long-term debt(84)(84)Dividends paid to shareholders(1,590)(1,735)Dividends paid to minority shareholders of(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash(184)(64)Net increase (decrease) in cash and cash equivalents13,30116,347Cash and cash equivalents at beginning of period38,95143,889	Purchase of intangibles	(411)	(172)
Collection of loans receivable32Proceeds from sales of investments in affiliates151-Other, net(361)(36)Net cash used in investing activities(1,973)(1,204)Cash flows from financing activities(1,973)(1,204)Net increase (decrease) in short-term bank loans1,872626Repayments of long-term debt(84)(84)Dividends paid to shareholders(1,590)(1,735)Dividends paid to minority shareholders of(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash(184)(64)Net increase (decrease) in cash and cash equivalents13,30116,347Cash and cash equivalents at beginning of period38,95143,889	Purchase of investment securities	(4)	(4)
Proceeds from sales of investments in affiliates151-Other, net(361)(36)Net cash used in investing activities(1,973)(1,204)Cash flows from financing activities1,872626Repayments of long-term debt(84)(84)Dividends paid to shareholders(1,590)(1,735)Dividends paid to minority shareholders of(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash(184)(64)Net increase (decrease) in cash and cash equivalents13,30116,347Cash and cash equivalents at beginning of period38,95143,889	Loans receivable made	(2)	(1)
Other, net(361)(36)Net cash used in investing activities(1,973)(1,204)Cash flows from financing activities1,872626Repayments of long-term debt(84)(84)Dividends paid to shareholders(1,590)(1,735)Dividends paid to minority shareholders of(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash(184)(64)Net increase (decrease) in cash and cash equivalents13,30116,347Cash and cash equivalents at beginning of period38,95143,889	Collection of loans receivable	3	2
Net cash used in investing activities(1,973)(1,204)Cash flows from financing activities(1,973)(1,204)Cash flows from financing activities1,872626Repayments of long-term debt(84)(84)Dividends paid to shareholders(1,590)(1,735)Dividends paid to minority shareholders of(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash(184)(64)Net increase (decrease) in cash and cash equivalents13,30116,347Cash and cash equivalents at beginning of period38,95143,889	Proceeds from sales of investments in affiliates	151	-
Cash flows from financing activities1,872626Net increase (decrease) in short-term bank loans1,872626Repayments of long-term debt(84)(84)Dividends paid to shareholders(1,590)(1,735)Dividends paid to minority shareholders of(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash(184)(64)Net increase (decrease) in cash and cash equivalents13,30116,347Cash and cash equivalents at beginning of period38,95143,889	Other, net	(361)	(36)
Net increase (decrease) in short-term bank loans1,872626Repayments of long-term debt(84)(84)Dividends paid to shareholders(1,590)(1,735)Dividends paid to minority shareholders of(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash(184)(64)Net increase (decrease) in cash and cash equivalents13,30116,347Cash and cash equivalents at beginning of period38,95143,889	Net cash used in investing activities	(1,973)	(1,204)
Repayments of long-term debt(84)(84)Dividends paid to shareholders(1,590)(1,735)Dividends paid to minority shareholders of(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash(184)(64)Net increase (decrease) in cash and cash equivalents13,30116,347Cash and cash equivalents at beginning of period38,95143,889	Cash flows from financing activities		
Dividends paid to shareholders(1,590)(1,735)Dividends paid to minority shareholders of(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash(184)(64)Net increase (decrease) in cash and cash equivalents13,30116,347Cash and cash equivalents at beginning of period38,95143,889	Net increase (decrease) in short-term bank loans	1,872	626
Dividends paid to minority shareholders of Other, net(18)(14)Other, net(235)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash equivalents(184)(64)Net increase (decrease) in cash and cash equivalents13,30116,347Cash and cash equivalents at beginning of period38,95143,889		(84)	(84)
Other, net(235)(249)Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash equivalents(184)(64)Net increase (decrease) in cash and cash equivalents13,30116,347Cash and cash equivalents at beginning of period38,95143,889	Dividends paid to shareholders	(1,590)	(1,735)
Net cash provided by used in financing activities(56)(1,458)Effect of exchange rate changes on cash and cash equivalents(184)(64)Net increase (decrease) in cash and cash equivalents13,30116,347Cash and cash equivalents at beginning of period38,95143,889	Dividends paid to minority shareholders of		(14)
Effect of exchange rate changes on cash and cash equivalents(184)(64)Net increase (decrease) in cash and cash equivalents13,30116,347Cash and cash equivalents at beginning of period38,95143,889			(249)
equivalents(184)(64)Net increase (decrease) in cash and cash equivalents13,30116,347Cash and cash equivalents at beginning of period38,95143,889		(56)	(1,458)
Net increase (decrease) in cash and cash equivalents13,30116,347Cash and cash equivalents at beginning of period38,95143,889			
Cash and cash equivalents at beginning of period 38,951 43,889	•		
	Net increase (decrease) in cash and cash equivalents		
Cash and cash equivalents at end of period52,25360,237			
	Cash and cash equivalents at end of period	52,253	60,237

(4) Segment Information

Business Segment Information

First half of fiscal March 2017 (6 months ended September 2016)

•	•	•				(Millions of yen)
	Enterprises Networks	Carrier Networks	Social Infrastructures	Others	Adjustments	Total
Sales						
(1) Sales to third parties	52,060	28,477	34,928	3,366	-	118,833
(2) Intersegment sales	-	-	-	-	-	-
Total	52,060	28,477	34,928	3,366	-	118,833
Operating income (loss)	3,621	1,048	1,459	106	(4,511)	1,725

First half of fiscal March 2016 (6 months ended September 2015)

	-	-				(Millions of yen)
	Enterprises Networks	Carrier Networks	Social Infrastructures	Others	Adjustments	Total
Sales						
(1) Sales to third parties	50,956	35,618	39,373	1,886	-	127,834
(2) Intersegment sales	-	-	-	-	-	-
Total	50,956	35,618	39,373	1,886	-	127,834
Operating income (loss)	3,432	1,430	2,587	196	(4,115)	3,531