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December 28, 2022

Consolidated Financial Results for the Six Months Ended November 30, 2022 (Under Japanese GAAP)

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 Listing: Tokyo Stock Exchange
 Securities code: 4825
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 Scheduled date to file quarterly securities report: January 12, 2023
 Scheduled date to commence dividend payments: January 25, 2023
 Preparation of supplementary material on quarterly financial results: Yes
 Holding of quarterly financial results briefing: Yes (for securities analysts and institutional investors)

(Yen amounts are rounded down to millions, unless otherwise noted.)

1. Consolidated financial results for the six months ended November 30, 2022 (from June 1, 2022 to November 30, 2022)

(1) Consolidated operating results (cumulative)

(Percentages indicate year-on-year changes.)

	Net sales		Operating profit		Ordinary profit		Profit attributable to owners of parent	
	Millions of yen	%	Millions of yen	%	Millions of yen	%	Millions of yen	%
Six months ended								
November 30, 2022	10,486	6.2	1,271	10.6	1,310	16.1	921	26.0
November 30, 2021	9,876	9.3	1,149	40.9	1,128	38.9	731	26.4

Note: Comprehensive income For the six months ended November 30, 2022: ¥1,062 million [38.7%]
 For the six months ended November 30, 2021: ¥766 million [36.0%]

	Basic earnings per share	Diluted earnings per share
Six months ended	Yen	Yen
November 30, 2022	83.73	83.51
November 30, 2021	66.59	66.41

(2) Consolidated financial position

	Total assets	Net assets	Equity-to-asset ratio
As of	Millions of yen	Millions of yen	%
November 30, 2022	19,481	17,527	89.5
May 31, 2022	19,127	16,843	87.6

Reference: Equity
 As of November 30, 2022: ¥17,442 million
 As of May 31, 2022: ¥16,759 million

2. Cash dividends

	Annual dividends per share				
	First quarter-end	Second quarter-end	Third quarter-end	Fiscal year-end	Total
	Yen	Yen	Yen	Yen	Yen
Fiscal year ended May 31, 2022	–	50.00	–	50.00	100.00
Fiscal year ending May 31, 2023	–	50.00			
Fiscal year ending May 31, 2023 (Forecast)			–	50.00	100.00

Note: Revisions to the forecast of cash dividends most recently announced: None

3. Consolidated earnings forecasts for the fiscal year ending May 31, 2023 (from June 1, 2022 to May 31, 2023)

(Percentages indicate year-on-year changes.)

	Net sales		Operating profit		Ordinary profit		Profit attributable to owners of parent		Basic earnings per share
	Millions of yen	%	Millions of yen	%	Millions of yen	%	Millions of yen	%	Yen
Fiscal year ending May 31, 2023	21,000	6.9	3,200	10.2	3,300	7.7	2,400	11.3	217.90

Note: Revisions to the consolidated earnings forecasts most recently announced: None

*** Notes**

- (1) Changes in significant subsidiaries during the period (changes in specified subsidiaries resulting in the change in scope of consolidation): None
- (2) Adoption of accounting treatment specific to the preparation of quarterly consolidated financial statements: None
- (3) Changes in accounting policies, changes in accounting estimates, and restatement
 - (i) Changes in accounting policies due to revisions to accounting standards and other regulations: Yes
 - (ii) Changes in accounting policies due to other reasons: None
 - (iii) Changes in accounting estimates: None
 - (iv) Restatement: None
- (4) Number of issued shares (common shares)

- (i) Total number of issued shares at the end of the period (including treasury shares)

As of November 30, 2022	11,844,000 shares
As of May 31, 2022	11,844,000 shares

- (ii) Number of treasury shares at the end of the period

As of November 30, 2022	820,051 shares
As of May 31, 2022	841,720 shares

- (iii) Average number of shares outstanding during the period

Six months ended November 30, 2022	11,009,891 shares
Six months ended November 30, 2021	10,983,695 shares

* Quarterly financial results reports are exempt from quarterly review conducted by certified public accountants or an audit corporation.

* Proper use of earnings forecasts, and other special matters

Forward-looking statements in this material, including earnings forecasts, are based on information currently available to the Company and on certain assumptions deemed reasonable. Actual results may differ significantly due to various factors. Please refer to "1. Qualitative Information on Quarterly Financial Results" of the attached materials for the suppositions that form the assumptions for the earnings forecasts and cautions regarding the use of the earnings forecasts.

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1. Qualitative Information on Quarterly Financial Results

(1) Operating results

1) Business environment and overview

In the six months ended November 30, 2022 (the “period under review”), the global economy saw a slowdown mainly in European economy compared to the same period of the previous fiscal year due to the impacts of the Russia-Ukraine crisis, rising prices and monetary tightening. Meanwhile, in the Japanese economy, a moderate year-on-year economic recovery continued, mainly driven by domestic demand such as consumer spending.

In terms of the Company’s sales, in the mobile/internet planning service, the people’s attention to weather forecasting and disaster preparedness increased due to the occurrence of weather disasters caused by heavy rain among other factors. Under such circumstances, subscription service sales and advertising revenue were strong as app users grew in number due to raised public profile of the service through aggressive investment in advertising, improved forecast accuracy and enhanced unique content. In the sea planning service, while port congestion showed some signs of improvement, freight traffic posted a downward trend. On the other hand, sales increased due to the positive impact from foreign exchange rates. In the sky planning service, the airline market continued to show a recovery trend with an easing of entry/exit restrictions in Japan and a lifting of restrictions on movement inside the country resulting in the number of passengers increasing on domestic and international flights. In addition, sales increased as the sales expansion of movement management systems in the Japanese helicopter market progressed. As a result, for the period under review, consolidated net sales increased 6.2% year over year to ¥10,486 million.

In terms of expenses, the Company continued to achieve optimization of software development expenses through working to streamline our development platform by bringing software development in-house and making it agile. On the other hand, we have continued enhancement of software development capabilities and investment in human resources for new businesses, as well as our aggressive advertising investments, such as TV commercials and internet advertising. In addition, telecommunication costs increased due to progress in shifting to cloud computing for development and operation environments.

As a result, operating profit increased 10.6% year over year to ¥1,271 million, ordinary profit increased 16.1% year over year to ¥1,310 million, and profit attributable to owners of parent increased 26.0% year over year to ¥921 million.

2) Business overview by business field

<Sea Planning>

In the marine transportation market, while there was a certain degree of improvement in the situation of ships waiting for berth due to port congestion, the strong cargo demand seen in the same period of the previous year weakened and freight traffic showed a downward trend. The Company posted higher sales for sea planning services overall due to increased provision in Asia, including Japan, and the positive impact from foreign exchange rates, despite a decrease in the numbers of service provision in Europe.

<Sky Planning>

The airline market saw a gradual recovery due to the easing of entry/exit restrictions and the implementation of nationwide travel support in Japan, and sales of the Company increased, mainly from customers in Asia. In addition, sales in the Japanese helicopter market increased due to the sales expansion of movement management systems mainly for government offices.

<Land Planning>

While a gradual recovery trend was observed for the railway and expressway markets in Japan, in line with the recovery of the movement of people, sales of the land planning service decreased due to the

swing-back effect from one-time sales that occurred in the corresponding period of the previous fiscal year and the continuing impact of reduced sales to some customers.

<Environment Planning>

In the energy market, soaring fuel prices continued due to instabilities in energy supply amid increasing demand. The Company made progress in expanding sales to power producer and suppliers, etc., and sales increased mainly in Japan. In the retail market, sales of Weathernews for Business, a new service, expanded to new and existing customers, and sales increased.

<Sports Planning>

Sales decreased for sports planning services due to the swing-back effect from the one-time contracted operations regarding the provision of weather information to a large sporting event in the corresponding period of the previous fiscal year.

<Climate Tech Planning>

We have expanded the sales of a service of analyzing climate change risks for municipal governments and manufacturers.

<Mobile/Internet Planning>

App users grew as we achieved a higher public profile due to aggressive advertising investments such as TV commercials and internet advertising. Subscription sales and advertising revenue increased as a result of conducting various initiatives to enhance satisfaction and utilization of app users through upgrading content to be distributed by the Company and improving app UI/UX continually while the weather in Japan suffered from occurrence of weather disasters such as heavy rains, etc.

<Broadcast Planning>

Sales declined in broadcast planning services due to the decline from the effect of sales related to the replacement cycle of systems for broadcasting companies and the impact of cost revisions by such companies as part of structural reforms.

Business segment (Planning)		Six months ended November 30, 2021			Six months ended November 30, 2022			Rate of change
		(Millions of yen)			(Millions of yen)			(%)
		SRS	Tollgate	Total	SRS	Tollgate	Total	Total
Sea Planning	1	2,598	2,599	1	2,809	2,810	8.1	
Sky Planning	21	423	445	44	601	645	44.9	
Land Planning	121	1,471	1,593	74	1,424	1,499	(5.9)	
Environment Planning	34	387	422	26	447	474	12.4	
Other BtoB business	14	45	59	9	8	17	(70.3)	
Total BtoB business	193	4,926	5,120	156	5,291	5,447	6.4	
Mobile/Internet Planning	7	3,550	3,558	14	3,937	3,951	11.1	
Broadcast Planning	237	960	1,198	150	935	1,086	(9.3)	
Total BtoS business	245	4,511	4,756	165	4,872	5,038	5.9	
Total	438	9,437	9,876	322	10,164	10,486	6.2	

(Reference) Net sales by region

Regional segment		Six months ended November 30, 2021			Six months ended November 30, 2022			Rate of change
		(Millions of yen)			(Millions of yen)			(%)
		SRS	Tollgate	Total	SRS	Tollgate	Total	Total
Japan	179	2,878	3,057	153	2,990	3,144	2.8	
Asia	–	957	957	–	1,154	1,154	20.6	
Europe	14	945	960	2	967	970	1.1	
Americas	–	145	145	–	178	178	22.5	
Total BtoB business	193	4,926	5,120	156	5,291	5,447	6.4	
Japan	245	4,135	4,381	165	4,460	4,626	5.6	
Asia	–	374	374	–	412	412	10.1	
Europe	–	0	0	–	–	–	–	
Americas	–	–	–	–	–	–	–	
Total BtoS business	245	4,511	4,756	165	4,872	5,038	5.9	
Total	438	9,437	9,876	322	10,164	10,486	6.2	

Note: Tollgate refers to the Company's original business format. A typical example is the tollgates of expressways.
Sales continually generated in the form of consideration for provision of services.
Stage requirement setting (SRS) refers to one-time examination and system sales that lead to future tollgate sales.
BtoS business refers to business targeting individuals ("S" stands for supporters).

(2) Financial position

1) Assets, liabilities and net assets

As of November 30, 2022, total assets increased by ¥353 million compared with the end of the previous fiscal year to ¥19,481 million, reflecting increases in accounts receivable - trade and other items. Total liabilities decreased by ¥329 million compared with the end of the previous fiscal year to ¥1,954 million, reflecting decreases in income taxes payable and other items. Net assets increased by ¥683 million compared with the end of the previous fiscal year to ¥17,527 million, as a result of recording profit attributable to owners of parent of ¥921 million, while distributing dividends of the end of the previous fiscal year of ¥550 million.

As a result of these factors, equity-to-asset ratio was 89.5%.

2) Cash flows

Net cash provided by operating activities was ¥712 million (net cash of ¥1,162 million provided in the same period of the previous fiscal year), reflecting the payment of income taxes of ¥379 million and recording profit before income taxes of ¥1,310 million, among other reasons.

Net cash used in investing activities amounted to ¥101 million (net cash of ¥152 million used in the same period of the previous fiscal year), mainly reflecting the purchase of property, plant and equipment and intangible assets.

Net cash used in financing activities amounted to ¥548 million (net cash of ¥548 million used in the same period of the previous fiscal year), mainly as a result of distributing dividends.

Cash and cash equivalents as of November 30, 2022, were ¥11,599 million (¥9,726 million at the end of the same period of the previous year), as a result of adding the effect of exchange rate change on cash and cash equivalents of ¥114 million.

(3) Explanation on consolidated earnings forecasts and other forward-looking statements

We expect growth in sales due to expansion of subscription service sales and advertising revenue resulting from enhancement of original content in the mobile/internet planning service. In addition to expanding sales of NAR (Navigation Assessment & Routeing), a service that addresses the risk of stranding in coastal areas in the sea planning service, we are working on the development of new services aimed at providing support for environmentally conscious operations. For the sky planning service, demand is expected to recover gradually in the airline market, and we anticipate continued strong growth in the domestic helicopter market.

In terms of expenses, we continue to invest aggressively for advertising of the mobile/internet planning service and to invest for promotion of our overseas businesses while further streamlining software development on a company-wide basis.

As a result of the above, our initial forecasts are unchanged, and the Group expects to achieve consolidated net sales of ¥21,000 million, operating profit of ¥3,200 million, ordinary profit of ¥3,300 million, and profit attributable to owners of parent of ¥2,400 million for the fiscal year ending May 31, 2023. We will closely monitor future trends in foreign exchange rates and global conditions, and if deemed necessary to revise these forecasts, we will promptly make an announcement.

2. Quarterly Consolidated Financial Statements and Significant Notes Thereto

(1) Quarterly consolidated balance sheet

(Thousands of yen)

	As of May 31, 2022	As of November 30, 2022
Assets		
Current assets		
Cash and deposits	11,424,969	11,601,353
Accounts receivable - trade	2,612,174	2,893,461
Contract assets	708,461	634,757
Merchandise	–	2,822
Work in process	44,993	91,413
Supplies	130,643	180,679
Other	407,489	486,040
Allowance for doubtful accounts	(13,966)	(12,820)
Total current assets	15,314,765	15,877,707
Non-current assets		
Property, plant and equipment		
Buildings and structures, net	746,917	793,741
Tools, furniture and fixtures, net	393,669	449,829
Communication satellite facilities, net	26,605	13,302
Land	413,062	413,062
Construction in progress	77,026	10,203
Other, net	85,100	80,192
Total property, plant and equipment	1,742,381	1,760,332
Intangible assets		
Software	757,386	619,043
Software in progress	6,710	18,878
Other	27,055	28,694
Total intangible assets	791,152	666,615
Investments and other assets		
Investment securities	181,299	191,746
Deferred tax assets	662,305	577,758
Other	466,760	439,855
Allowance for doubtful accounts	(31,243)	(32,709)
Total investments and other assets	1,279,122	1,176,650
Total non-current assets	3,812,656	3,603,598
Total assets	19,127,421	19,481,305

(Thousands of yen)

	As of May 31, 2022	As of November 30, 2022
Liabilities		
Current liabilities		
Accounts payable - trade	91,426	133,387
Accounts payable - other	293,087	236,762
Income taxes payable	398,679	327,282
Contract liabilities	163,128	120,217
Other	1,217,621	1,028,691
Total current liabilities	2,163,943	1,846,341
Non-current liabilities		
Asset retirement obligations	70,756	70,991
Other	48,790	36,691
Total non-current liabilities	119,547	107,683
Total liabilities	2,283,490	1,954,024
Net assets		
Shareholders' equity		
Share capital	1,706,500	1,706,500
Capital surplus	1,302,857	1,450,677
Retained earnings	14,527,595	14,899,374
Treasury shares	(907,062)	(883,924)
Total shareholders' equity	16,629,890	17,172,628
Accumulated other comprehensive income		
Valuation difference on available-for-sale securities	10,707	17,961
Foreign currency translation adjustment	119,001	252,359
Total accumulated other comprehensive income	129,708	270,321
Share acquisition rights	84,332	84,332
Total net assets	16,843,930	17,527,281
Total liabilities and net assets	19,127,421	19,481,305

(2) Quarterly consolidated statement of income and quarterly consolidated statement of comprehensive income**Quarterly consolidated statement of income (cumulative)**

(Thousands of yen)

	Six months ended November 30, 2021	Six months ended November 30, 2022
Net sales	9,876,929	10,486,170
Cost of sales	5,535,232	5,850,551
Gross profit	4,341,696	4,635,619
Selling, general and administrative expenses	3,191,773	3,364,075
Operating profit	1,149,922	1,271,543
Non-operating income		
Interest income	247	506
Dividend income	500	500
Rental income from buildings	8,237	–
Foreign exchange gains	–	26,220
Gain on forfeiture of unclaimed dividends	446	1,029
Insurance claim income	–	10,723
Other	4,380	13,947
Total non-operating income	13,811	52,928
Non-operating expenses		
Commitment line expenses	7,364	6,455
Foreign exchange losses	26,939	–
Loss on cancellation of insurance policies	–	7,599
Other	1,176	317
Total non-operating expenses	35,479	14,371
Ordinary profit	1,128,254	1,310,100
Extraordinary losses		
Impairment losses	*1 78,800	–
Loss on liquidation of subsidiaries and associates	*2 3,278	–
Total extraordinary losses	82,078	–
Profit before income taxes	1,046,176	1,310,100
Income taxes - current	280,648	306,400
Income taxes - deferred	34,102	81,806
Total income taxes	314,750	388,206
Profit	731,425	921,893
Profit attributable to owners of parent	731,425	921,893

Quarterly consolidated statement of comprehensive income (cumulative)

(Thousands of yen)

	Six months ended November 30, 2021	Six months ended November 30, 2022
Profit	731,425	921,893
Other comprehensive income		
Valuation difference on available-for-sale securities	291	7,254
Foreign currency translation adjustment	34,305	133,357
Total other comprehensive income	34,597	140,612
Comprehensive income	766,023	1,062,505
Comprehensive income attributable to		
Comprehensive income attributable to owners of parent	766,023	1,062,505

Quarterly consolidated statement of income

(Thousands of yen)

	2nd quarter ended November 30, 2021	2nd quarter ended November 30, 2022
Net sales	4,889,158	5,261,049
Cost of sales	2,745,513	2,944,495
Gross profit	2,143,644	2,316,553
Selling, general and administrative expenses	1,519,822	1,517,177
Operating profit	623,822	799,375
Non-operating income		
Interest income	109	166
Dividend income of insurance	–	2,939
Rental income from buildings	4,113	–
Subsidy income	491	2,399
Gain on forfeiture of unclaimed dividends	446	1,029
Other	1,092	3,007
Total non-operating income	6,253	9,542
Non-operating expenses		
Foreign exchange losses	14,231	21,830
Commitment line expenses	3,662	2,751
Other	1,114	147
Total non-operating expenses	19,008	24,728
Ordinary profit	611,067	784,189
Extraordinary losses		
Impairment losses	78,800	–
Total extraordinary losses	78,800	–
Profit before income taxes	532,267	784,189
Income taxes - current	169,007	181,571
Income taxes - deferred	(12,966)	49,737
Total income taxes	156,040	231,308
Profit	376,227	552,881
Profit attributable to owners of parent	376,227	552,881

Quarterly consolidated statement of comprehensive income

(Thousands of yen)

	2nd quarter ended November 30, 2021	2nd quarter ended November 30, 2022
Profit	376,227	552,881
Other comprehensive income		
Valuation difference on available-for-sale securities	1,410	1,799
Foreign currency translation adjustment	21,522	32,952
Total other comprehensive income	22,932	34,751
Comprehensive income	399,159	587,632
Comprehensive income attributable to		
Comprehensive income attributable to owners of parent	399,159	587,632

(3) Quarterly consolidated statement of cash flows

(Thousands of yen)

	Six months ended November 30, 2021	Six months ended November 30, 2022
Cash flows from operating activities		
Profit before income taxes	1,046,176	1,310,100
Depreciation	388,452	340,503
Share-based payment expenses	35,910	57,187
Increase (decrease) in allowance for doubtful accounts	476	(1,156)
Increase (decrease) in provision for loss on orders received	(959)	–
Interest and dividend income	(747)	(1,006)
Insurance claim income	–	(10,723)
Loss (gain) on cancellation of insurance policies	–	7,599
Commitment line expenses	7,364	6,455
Loss (gain) on liquidation of subsidiaries and associates	3,278	–
Impairment losses	78,800	–
Decrease (increase) in trade receivables	569,669	(261,178)
Decrease (increase) in contract assets	(448,329)	73,703
Decrease (increase) in inventories	(14,560)	(99,273)
Increase (decrease) in trade payables	(36,163)	40,969
Increase (decrease) in accounts payable - other	(81,715)	(40,598)
Increase (decrease) in accrued consumption taxes	(137,378)	(27,951)
Increase (decrease) in accrued expenses	(153,839)	(207,415)
Increase (decrease) in advances received	60,784	43,688
Increase (decrease) in contract liabilities	(30,569)	(45,222)
Increase (decrease) in deposits received	132,694	107,454
Other, net	239,876	(187,403)
Subtotal	1,659,221	1,105,729
Interest and dividends received	737	978
Proceeds from insurance income	–	10,723
Payments for commitment line expenses	(3,105)	(25,072)
Income taxes paid	(494,295)	(379,390)
Net cash provided by (used in) operating activities	1,162,558	712,968
Cash flows from investing activities		
Proceeds from sale of securities	–	71
Purchase of property, plant and equipment	(93,288)	(215,695)
Purchase of intangible assets	(126,957)	(35,610)
Payments for asset retirement obligations	(322)	–
Payments of leasehold and guarantee deposits	(4,558)	(685)
Proceeds from refund of leasehold and guarantee deposits	72,162	35,681
Purchase of insurance funds	–	(10,401)
Proceeds from cancellation of insurance funds	–	125,040
Net cash provided by (used in) investing activities	(152,964)	(101,599)
Cash flows from financing activities		
Dividends paid	(547,762)	(548,737)
Purchase of treasury shares	(319)	(254)
Net cash provided by (used in) financing activities	(548,082)	(548,991)
Effect of exchange rate change on cash and cash equivalents	15,364	114,008
Net increase (decrease) in cash and cash equivalents	476,876	176,385
Cash and cash equivalents at beginning of period	9,249,147	11,422,943
Cash and cash equivalents at end of period	9,726,023	11,599,329

(4) Notes to premise of going concern

Not applicable

(5) Notes on significant changes in the amount of shareholders' equity

Not applicable

(6) Changes in accounting policies

Application of implementation guidance on accounting standard for fair value measurement

The Company has applied the "Implementation Guidance on Accounting Standard for Fair Value Measurement" (ASBJ Guidance No. 31, June 17, 2021, hereinafter referred to as "Fair Value Measurement Accounting Guidance") from the beginning of the first quarter ended August 31, 2022, and it has applied the new accounting policy, provided for by the Fair Value Measurement Accounting Guidance, prospectively in accordance with the transitional measures provided for in paragraph 27-2 of the Fair Value Measurement Accounting Guidance. The Company does not expect that this change will have a material impact on its quarterly consolidated results.

(7) Notes to segment information, etc.

The Company and its consolidated subsidiaries engage in the provision of comprehensive content centered on weather information as referred to as the description of the business thereof, which constitutes a single business segment. Therefore, segment information is omitted.

(8) Notes to revenue recognition

Information on disaggregation of revenue from contracts with customers

The six months ended November 30, 2021

(Thousands of yen)

		BtoB business				
		Sea Planning	Sky Planning	Land Planning	Environment Planning	Other
Goods or services transferred at a point in time	SRS	800	2,050	6,971	6,295	–
	Tollgate	–	–	–	–	–
	Total	800	2,050	6,971	6,295	–
Goods or services transferred over time	SRS	281	19,807	114,765	28,084	14,758
	Tollgate	2,598,636	423,868	1,471,464	387,668	45,223
	Total	2,598,917	443,675	1,586,229	415,752	59,981
Revenue from contracts with customers	SRS	1,081	21,857	121,736	34,379	14,758
	Tollgate	2,598,636	423,868	1,471,464	387,668	45,223
	Total	2,599,717	445,725	1,593,200	422,048	59,981
Other revenue		–	–	–	–	–
Revenues from external customers		2,599,717	445,725	1,593,200	422,048	59,981

		BtoS business		Total
		Mobile/Internet Planning	Broadcast Planning	
Goods or services transferred at a point in time	SRS	1,936	75,971	94,024
	Tollgate	–	–	–
	Total	1,936	75,971	94,024
Goods or services transferred over time	SRS	5,638	161,572	344,907
	Tollgate	3,550,579	960,556	9,437,997
	Total	3,556,217	1,122,129	9,782,904
Revenue from contracts with customers	SRS	7,574	237,544	438,931
	Tollgate	3,550,579	960,556	9,437,997
	Total	3,558,153	1,198,101	9,876,929
Other revenue		–	–	–
Revenues from external customers		3,558,153	1,198,101	9,876,929

(Note) The Group mainly promotes the tollgate-type business model to continuously provide content. At the same time, there are also opportunities to sell temporary research and systems with the potential to lead to tollgate-type sales in the future and the Company refers to these opportunities as SRS (Stage Requirement Settings).

The six months ended November 30, 2022

(Thousands of yen)

		BtoB business				
		Sea Planning	Sky Planning	Land Planning	Environment Planning	Other
Goods or services transferred at a point in time	SRS	1,500	4,441	12,913	4,156	800
	Tollgate	–	–	–	–	–
	Total	1,500	4,441	12,913	4,156	800
Goods or services transferred over time	SRS	–	39,787	62,011	22,130	8,959
	Tollgate	2,809,401	601,478	1,424,303	447,904	8,038
	Total	2,809,401	641,266	1,486,315	470,034	16,997
Revenue from contracts with customers	SRS	1,500	44,229	74,924	26,286	9,759
	Tollgate	2,809,401	601,478	1,424,303	447,904	8,038
	Total	2,810,901	645,707	1,499,228	474,190	17,797
Other revenue		–	–	–	–	–
Revenues from external customers		2,810,901	645,707	1,499,228	474,190	17,797

		BtoS business		Total
		Mobile/Internet Planning	Broadcast Planning	
Goods or services transferred at a point in time	SRS	2,662	12,988	39,461
	Tollgate	–	–	–
	Total	2,662	12,988	39,461
Goods or services transferred over time	SRS	11,729	138,008	282,626
	Tollgate	3,937,079	935,876	10,164,081
	Total	3,948,808	1,073,885	10,446,708
Revenue from contracts with customers	SRS	14,391	150,997	322,088
	Tollgate	3,937,079	935,876	10,164,081
	Total	3,951,471	1,086,873	10,486,170
Other revenue		–	–	–
Revenues from external customers		3,951,471	1,086,873	10,486,170

(Note) The Group mainly promotes the tollgate-type business model to continuously provide content. At the same time, there are also opportunities to sell temporary research and systems with the potential to lead to tollgate-type sales in the future and the Company refers to these opportunities as SRS (Stage Requirement Settings).

(9) Notes to quarterly consolidated statement of income

*1. Impairment losses

The six months ended November 30, 2021

The Group recognized impairment losses on the assets group listed below.

(Thousands of yen)

Place	Use	Class	Impairment losses
Japan	Idle assets	Software	78,800
Total	–	–	78,800

For internal management purposes, the Group's business assets are grouped based on the smallest unit that generates cash flows. In addition, idle assets are grouped by individual asset.

Regarding idle assets, due to a review of the software development plan, the Company no longer expects to earn profit as originally planned from such idle assets. Therefore, the carrying amount is written down to the recoverable amount, and the write-down amount is recorded as impairment losses in extraordinary losses. The recoverable amount is measured at value in use. However, a discount rate is not taken into consideration because the estimated useful life is short.

The six months ended November 30, 2022

Not applicable

*2. Loss on liquidation of subsidiaries and associates

The six months ended November 30, 2021

The loss on liquidation of subsidiaries and associates recognized in the quarterly consolidated statement of income is the loss resulting from the liquidation of Weathernews Nepal Pvt. Ltd., the Company's consolidated subsidiary.

The six months ended November 30, 2022

Not applicable