Financial Results for Third Quarter FY2019 (for the year ending March 31, 2020)



February 6, 2020

IHI Corporation

Table of Contents

| 1. Consolidated Results for Third Quarter F12019 | |
|---|----------|
| Summary of Financial Results | 2 |
| Financial Results by Segment | <u>5</u> |
| Non-operating Income / Expenses | 8 |
| Extraordinary Income / Losses | 10 |
| Balance Sheets | 11 |
| Supplementary Information | 12 |
| 2. Forecasts of the Consolidated Results for FY2019 | |
| Summary of Forecasts for FY2019 | 16 |
| Forecasts for FY2019 by Segment | 17 |
| 3 . Financial Results by Segment | |
| Resources, Energy and Environment | 21 |
| Social Infrastructure and Offshore Facility | 23 |
| Industrial System and General-Purpose Machinery | 25 |
| Aero Engine, Space and Defense | |
| <appendices></appendices> | 29 |
| | |



1. Consolidated Results for Third Quarter FY2019



1. Consolidated Results for Third Quarter FY2019 Summary of Financial Results



Note: Average exchange rates for FY2019.3Q US\$ 1.00= ¥108.95

| | FY2018.3Q | FY2019.3Q | Change |
|---|-----------|-----------|----------------|
| Orders received | 934.5 | 876.7 | ▲ 57.7 |
| Net sales | 1,047.2 | 922.0 | ▲ 125.1 |
| Operating profit | 56.6 | 27.2 | ▲ 29.4 |
| Ordinary profit | 57.5 | 8.6 | ▲ 48.9 |
| Profit before income taxes | 61.2 | 9.3 | ▲ 51.9 |
| Profit attributable to owners of parent | 34.1 | ▲ 1.7 | ▲ 35.9 |

1. Consolidated Results for Third Quarter FY2019 Financial Results by Segment



Orders received & Order backlog

| | Orders received | | | C | Order backlo | g |
|---|-----------------|-----------|---------------|---------|--------------|---------------|
| | FY2018.3Q | FY2019.3Q | Change | FY2018 | FY2019.3Q | Change |
| Resources, Energy and Environment | 216.7 | 243.7 | 26.9 | 523.1 | 554.6 | 31.5 |
| Social Infrastructure and Offshore Facility | 83.2 | 103.4 | 20.1 | 191.6 | 183.2 | ▲ 8.4 |
| Industrial System and General-Purpose Machinery | 351.2 | 328.6 | ▲ 22.5 | 180.3 | 215.4 | 35.0 |
| Aero Engine, Space and Defense | 254.9 | 185.3 | ▲ 69.5 | 562.6 | 441.9 | ▲ 120.6 |
| Total Reportable Segment | 906.1 | 861.1 | ▲ 44.9 | 1,457.8 | 1,395.2 | ▲ 62.5 |
| Others | 61.6 | 49.2 | ▲ 12.4 | 20.4 | 29.0 | 8.5 |
| Adjustment | ▲ 33.3 | ▲ 33.7 | ▲ 0.4 | - | - | - |
| Total | 934.5 | 876.7 | ▲ 57.7 | 1,478.2 | 1,424.3 | ▲ 53.9 |
| Overseas orders received / order backlog | 385.9 | 392.7 | 6.8 | 579.8 | 507.4 | ▲ 72.3 |
| % of Overseas orders received / order backlog | 41% | 45% | 4% | 39% | 36% | ▲ 3% |

1. Consolidated Results for Third Quarter FY2019 Financial Results by Segment



■ Net sales & Operating profit

| | Net sales | | | Ор | erating pro | ofit |
|---|-----------|-----------|--------------|-----------|-------------|--------|
| | FY2018.3Q | FY2019.3Q | Change | FY2018.3Q | FY2019.3Q | Change |
| Resources, Energy and Environment | 271.6 | 222.4 | ▲ 49.1 | 4.0 | ▲ 1.7 | ▲ 5.8 |
| Social Infrastructure and Offshore Facility | 94.9 | 102.7 | 7.7 | 7.6 | 8.0 | 0.3 |
| Industrial System and General-Purpose Machinery | 314.1 | 288.2 | ▲ 25.8 | 13.2 | 5.1 | ▲ 8.1 |
| Aero Engine, Space and Defense | 349.3 | 294.6 | ▲ 54.7 | 35.8 | 20.4 | ▲ 15.4 |
| Total Reportable Segment | 1,030.0 | 908.1 | ▲ 121.9 | 60.8 | 31.8 | ▲ 28.9 |
| Others | 47.1 | 44.9 | ▲ 2.2 | 1.1 | 1.5 | 0.4 |
| Adjustment | ▲ 29.9 | ▲ 31.0 | A 1.0 | ▲ 5.2 | ▲ 6.1 | ▲ 0.8 |
| Total | 1,047.2 | 922.0 | ▲ 125.1 | 56.6 | 27.2 | ▲ 29.4 |

| Overseas sales | 547.6 | 459.7 | ▲ 87.9 |
|---------------------|-------|-------|--------|
| % of overseas sales | 52% | 50% | ▲ 2% |

1. Consolidated Results for Third Quarter FY2019 Financial Results by Segment



Analysis of change in operating profit from the corresponding previous period

(In billion yen)

| | Change in net sales | Change in construction profitability | Change in foreign exchange rate | Change in SG&A | Total |
|---|---------------------|--------------------------------------|---------------------------------|-------------------|--------------|
| Resources, Energy and Environment | ▲ 7.0 | ▲ 0.4 | ▲ 0.2 | 1.8 | ▲ 5.8 |
| Social Infrastructure and Offshore Facility | 0.9 | 0.4 | ▲ 0.1 | ▲ 0.9 | 0.3 |
| Industrial System and General-Purpose Machinery | ▲ 10.1 | A 1.3 | | 3.3 | ▲ 8.1 |
| Aero Engine, Space and Defense | ▲ 7.1 | ▲ 7.9 | ▲ 1.1 | 0.7 | ▲ 15.4 |
| Total Reportable Segment | ▲ 23.3 | ▲ 9.2 | ▲ 1.4 | 4.9 | ▲ 28.9 |
| Others | | | | 0.4 | 0.4 |
| Adjustment | | 2.3 | | ▲ 3.1 | ▲ 0.8 |
| Total | ▲ 23.3 | ▲ 6.9 | ▲ 1.4 | 2.2 | ▲ 29.4 |

There are cases that the aggregated amount of each segment or factor doesn't match to the total due to rounding off.

1. Consolidated Results for Third Quarter FY2019 Non-operating Income / Expenses



(In billion yen)

| | FY2018.3Q | FY2019.3Q | Change |
|---|-----------|-----------|--------------|
| Net interest expenses (incl. dividend income) | ▲ 0.6 | ▲ 1.5 | ▲ 0.9 |
| Share of profit/loss(▲) of entities accounted for using equity method | 6.7 | ▲ 9.2 | ▲ 15.9 |
| Foreign exchange gains / losses (▲) | 0.1 | ▲ 1.4 | ▲ 1.5 |
| Others | ▲ 5.3 | ▲ 6.4 | A 1.0 |
| Non-operating Income / Expenses (▲) | 0.9 | ▲ 18.6 | ▲ 19.5 |

Change of the rate(US\$) FY2018.3Q +4.76yen (beginning 106.24yen→end 111.00yen) FY2019.3Q ▲1.43yen (beginning 110.99yen→end 109.56yen)

1. Consolidated Results for Third Quarter FY2019 Non-operating Income / Expenses (Share of profit/loss of entities accounted for using equity method)



Downturn in the operating performance of Japan Marine United Corporation

Share of loss of entities accounted for using equity method was recorded due to the significant downturn in the operating performance of IHI's affiliate Japan Marine United Corporation (hereinafter, "JMU").

<Factors responsible for the downturn in the operating performance>

- Disruption in construction process caused by technical trouble such as coating and welding failure
- Effect of yen's appreciation
- Decline in operating rate due to the deterioration of market conditions
- Impairment loss due to specializing and restricting Maizuru shipyard to the Naval ship repair Business
- Reversal of deferred tax assets and so on

<Response going forward>

In order to create a robust construction structures to compete with overseas companies, IHI and JMU will accelerate the execution of drastic structure reforms.

- Concentrating management resources of the Merchant ship Business
- Fixed cost reductions and enhancement of competitiveness
- > Streamlining future production systems for JMU and Imabari Shipbuilding Co., Ltd.

1. Consolidated Results for Third Quarter FY2019 Extraordinary Income / Losses



| | FY2018.3Q | FY2019.3Q | Change |
|--|--------------|-----------|--------------|
| Gain on sales of non-current assets | I | 4.3 | 4.3 |
| Gain on insurance claims | 1 | 1.1 | 1.1 |
| Gain on sales of shares of subsidiaries and affiliates | 4.2 | _ | ▲ 4.2 |
| Gain on transfer of business | 1.1 | 1 | ▲ 1.1 |
| Extraordinary Income | 5.3 | 5.4 | 0.1 |
| Losses on valuation of investment securities | _ | ▲ 4.6 | A 4.6 |
| Impairment loss | ▲ 1.6 | ▲ 0.1 | 1.4 |
| Extraordinary Losses | ▲ 1.6 | ▲ 4.7 | ▲ 3.1 |
| Extraordinary Income / Losses (▲) | 3.7 | 0.6 | ▲ 3.0 |

1. Consolidated Results for Third Quarter FY2019Balance Sheets



| | As of March 31, 2019 | As of December 31, 2019 | Change |
|--|-------------------------|----------------------------|---------------|
| Total assets | 1,664.5 | 1,703.0 | 38.5 |
| (Trade receivables) | (377.6) | (343.4) | (▲ 34.2) |
| (Inventories) | (441.9) | (514.5) | (72.6) |
| (Investment securities) | (117.9) | (101.8) | (▲ 16.1) |
| Total liabilities | 1,282.8 | 1,348.1 | 65.3 |
| (Trade payables) | (290.0) | (259.8) | (▲ 30.2) |
| (Advance received) | (157.5) | (162.6) | (5.1) |
| (Interest-bearing liabilities) (*1) | (355.0) | (474.0) | (118.9) |
| Total net assets | 381.6 | 354.8 | ▲ 26.8 |
| Shareholders' equity | 343.4 | 314.4 | ▲ 29.0 |
| Accumulated other comprehensive income | 5.6 | 4.9 | ▲ 0.7 |
| Non-controlling interests and others | 32.5 | 35.4 | 2.9 |
| Total liabilities and net assets | 1,664.5 | 1,703.0 | 38.5 |
| D/E ratio(times) (*2) | 0.93 | 1.34 | 0.41 |
| Equity ratio | 21.0% | 18.8% | ▲2.2% |

^(*1) Interest-bearing liabilities includes the amount of lease obligations. (as of March 31, 2019: ¥17.4 billion / as of December 31, 2019: ¥26.1 billion)

^(*2) D/E ratio = Interest-bearing liabilities / net assets

1. Consolidated Results for Third Quarter FY2019 Supplementary Information



(1) Cash Flows

| | FY2018.3Q | FY2019.3Q | Change |
|--------------------------------------|---------------|----------------|---------------|
| Cash flows from operating activities | ▲ 66.0 | ▲ 67.4 | A 1.3 |
| Cash flows from investing activities | ▲ 61.6 | ▲ 49.0 | 12.5 |
| Free cash flows | ▲ 127.7 | ▲ 116.4 | 11.2 |
| Cash flows from financing activities | 104.6 | 80.0 | ▲ 24.6 |

1. Consolidated Results for Third Quarter FY2019Supplementary Information



(2) R&D/CAPEX/Depreciation & Amortization

(In billion yen)

| | FY2018.3Q | FY2019.3Q |
|-----------------------------|-----------|-----------|
| R&D | 23.7 | 23.8 |
| CAPEX | 53.1 | 52.4 |
| Depreciation & Amortization | 35.3 | 38.8 |

"CAPEX" and "Depreciation & Amortization" consist of amounts related to tangible fixed assets and software. (The figures in "FY2018.3Q" were modified since they were related to only tangible fixed assets until FY2018.)

1. Consolidated Results for Third Quarter FY2019Supplementary Information



(3) Overseas Sales by Region

| | FY2018.3Q | FY2019.3Q |
|---------------------------|-----------|-----------|
| Asia | 112.0 | 90.0 |
| China | 90.8 | 69.3 |
| North America | 250.1 | 238.8 |
| Central and South America | 9.5 | 6.7 |
| Europe | 75.6 | 50.4 |
| Others | 9.3 | 4.2 |
| Total | 547.6 | 459.7 |
| % of overseas sales | 52% | 50% |

2. Forecasts of the Consolidated Results for FY2019



2. Forecasts of the Consolidated Results for FY2019Summary of Forecasts for FY2019



<assumed exchange rate>

US\$ $1.00 = \pm 105$ (assumed in November, ± 105)

Euro 1.00 =¥120 (assumed in November , ¥120)

(In billion yen)

| | | 2019 ecast | FY2018 | Change |
|---|-------------|---------------|---------|--------------------------|
| | In November | In February | Actual | Vs. Forecast in November |
| Orders received | 1,400.0 | 1,400.0 | 1,399.2 | 0.0 |
| Net sales | 1,400.0 | 1,400.0 | 1,483.4 | 0.0 |
| Operating profit | 65.0 | 60.0 | 82.4 | ▲ 5.0 |
| Ordinary profit | 43.0 | 34.0 | 65.7 | ▲ 9.0 |
| Profit attributable to owners of parent | 20.0 | 16.0 | 39.8 | ▲ 4.0 |

<For reference> Sensitivity to foreign exchange rates by currency

1 yen per US\$ corresponds to 0.2 billion yen, and per Euro, 0.0 billion yen in operating profit.

2. Forecasts of the Consolidated Results for FY2019 Forecasts for FY2019 by Segment



Orders received

| | FY2019 Forecast (In November) | FY2019 Forecast (In February) | Change |
|---|-------------------------------|----------------------------------|---------------|
| Resources, Energy and Environment | 330.0 | 340.0 | 10.0 |
| Social Infrastructure and Offshore Facility | 180.0 | 180.0 | 0.0 |
| Industrial System and General-Purpose Machinery | 440.0 | 440.0 | 0.0 |
| Aero Engine, Space and Defense | 420.0 | 420.0 | 0.0 |
| Total Reportable Segment | 1,370.0 | 1,380.0 | 10.0 |
| Others | 80.0 | 70.0 | ▲ 10.0 |
| Adjustment | ▲ 50.0 | ▲ 50.0 | 0.0 |
| Total | 1,400.0 | 1,400.0 | 0.0 |

2. Forecasts of the Consolidated Results for FY2019 Forecasts for FY2019 by Segment



Net sales & Operating profit

| | FY2019 (In Nove | Forecast ember) | | Forecast oruary) | Cha | inge |
|---|-----------------|--------------------|-----------|---------------------|-----------|------------------|
| | Net sales | Operating profit | Net sales | Operating profit | Net sales | Operating profit |
| Resources, Energy and Environment | 340.0 | 13.0 | 340.0 | 6.0 | 0.0 | ▲ 7.0 |
| Social Infrastructure and Offshore Facility | 170.0 | 15.0 | 170.0 | 15.0 | 0.0 | 0.0 |
| Industrial System and General-Purpose Machinery | 420.0 | 17.0 | 420.0 | 16.0 | 0.0 | ▲ 1.0 |
| Aero Engine, Space and Defense | 440.0 | 27.0 | 440.0 | 27.0 | 0.0 | 0.0 |
| Total Reportable Segment | 1,370.0 | 72.0 | 1,370.0 | 64.0 | 0.0 | ▲ 8.0 |
| Others | 80.0 | 2.0 | 80.0 | 2.0 | 0.0 | 0.0 |
| Adjustment | ▲ 50.0 | ▲ 9.0 | ▲ 50.0 | ▲ 6.0 | 0.0 | 3.0 |
| Total | 1,400.0 | 65.0 | 1,400.0 | 60.0 | 0.0 | ▲ 5.0 |

2. Forecasts of the Consolidated Results for FY2019 Forecasts for FY2019 by Segment



Analysis of change in operating profit of forecasts(in November VS in February) (In billion yen)

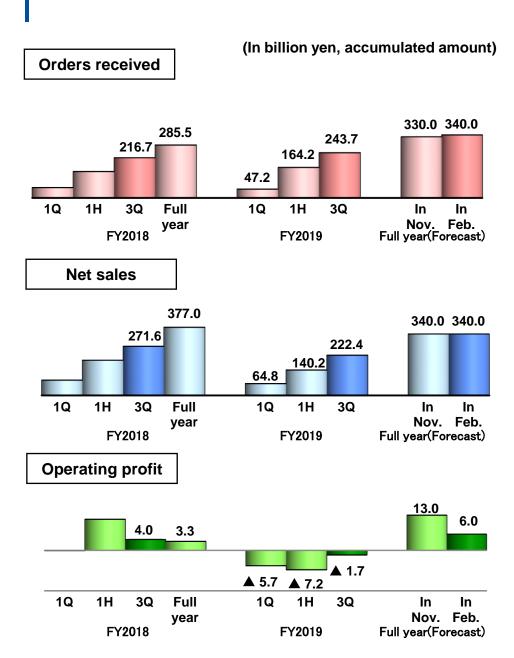
| | Change in net sales | Change in construction profitability | Change in foreign exchange rate | Change in SG&A | Total |
|---|---------------------|--------------------------------------|---------------------------------|-------------------|--------------|
| Resources, Energy and Environment | ▲ 4.0 | ▲ 3.0 | | | ▲ 7.0 |
| Social Infrastructure and Offshore Facility | | | | | 0.0 |
| Industrial System and General-Purpose Machinery | ▲ 1.0 | | | | A 1.0 |
| Aero Engine, Space and Defense | ▲ 2.0 | | 2.0 | | 0.0 |
| Total Reportable Segment | ▲ 7.0 | ▲ 3.0 | 2.0 | 0.0 | ▲ 8.0 |
| Others | | | | | 0.0 |
| Adjustment | | 3.0 | | | 3.0 |
| Total | ▲ 7.0 | 0.0 | 2.0 | 0.0 | ▲ 5.0 |

3. Financial Results by Segment



3. Financial Results by Segment Resources, Energy and Environment





<Results by business segment>

[Orders received]

Orders received increased owing to an effect of receiving large-scale project in the Boilers Business, despite the decrease in the Plants Business.

[Net sales]

Net sales decreased due to a delay in project progress in the Boilers Business and to a reverse effect of the progress of large-scale projects in the Plants Business in FY2018.

[Operating profit]

Operating profit declined due to the decrease in sales in the Boilers Business.

<FY2019 Forecast (vs. In November)>

Orders received is expected to increase slightly overall, while net sales remain unchanged.

Operating profit is expected to decrease due mainly to the timing delay in sales for some projects.

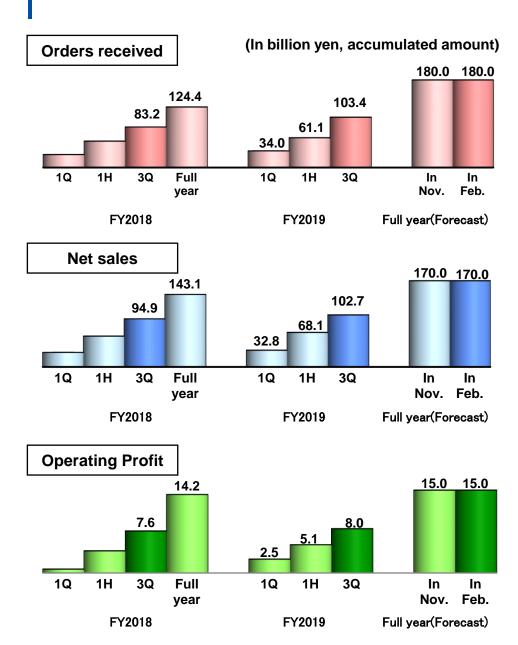
3. Financial Results by Segment Resources, Energy and Environment



| | Orders | received | | | | Net | sales | | | |
|---------------|-----------|-------------------------|------|------|------|-----------|-------|------|---------------|----------------------|
| | FY2018 | FY2019 | | FY2 | 018 | | | FY | ′ 2019 | |
| | Full year | Full year (Forecast) | 1Q | 1H | 3Q | Full year | 1Q | 1H | 3Q | Full year (Forecast) |
| Power Systems | 82.8 | 90.0 | 17.9 | 42.2 | 63.2 | 93.4 | 17.9 | 36.0 | 53.4 | 90.0 |
| Boilers | 79.7 | 96.0 | 27.0 | 69.7 | 94.5 | 121.5 | 16.8 | 44.8 | 70.2 | 100.0 |
| Plants | 56.4 | 45.0 | 23.0 | 45.8 | 59.5 | 80.1 | 13.8 | 26.6 | 39.2 | 58.0 |
| Nuclear power | 30.5 | 30.0 | 5.0 | 12.0 | 16.7 | 33.1 | 4.8 | 8.9 | 13.5 | 30.0 |

3. Financial Results by Segment Social Infrastructure and Offshore Facility





<Results by business segment>

[Orders received]

Orders received increased in the Shield systems Business and the Transport systems Business.

[Net sales]

Net sales increased in the Bridges/water gates Business.

[Operating profit]

Operating profit increased in the Bridges/water gates Business and the Transport systems Business.

<FY2019 Forecast (vs. In November) >

The forecasts of orders received, net sales and operating profit remain unchanged.

3. Financial Results by Segment Social Infrastructure and Offshore Facility



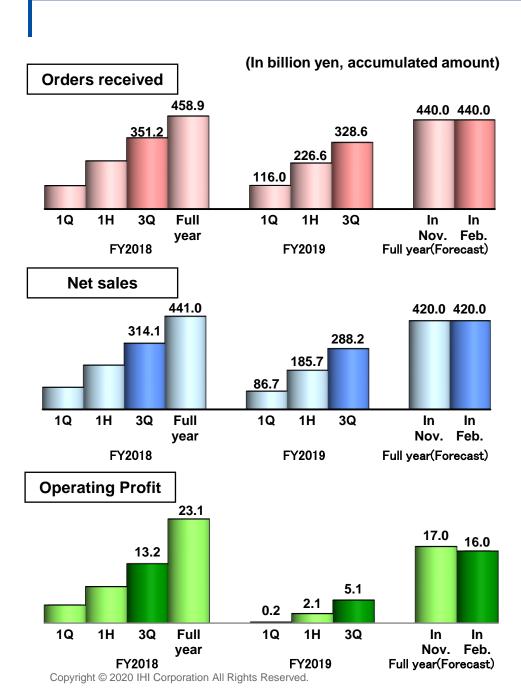
(In billion yen)

| | Orders r | received | Net sales | | | | | | | | |
|---------------------|-----------|-------------------------|-----------|------|------|-----------|------|--------|------|----------------------|--|
| | FY2018 | FY2019 | | FY2 | 018 | | | FY2019 | | | |
| | Full year | Full year (Forecast) | 1Q | 1H | 3Q | Full year | 1Q | 1H | 3Q | Full year (Forecast) | |
| Bridges/water gates | 65.0 | 82.0 | 15.2 | 30.1 | 46.2 | 72.0 | 19.2 | 38.2 | 57.5 | 92.0 | |
| Shield systems | 14.4 | 25.0 | 4.0 | 9.7 | 14.6 | 18.5 | 4.6 | 9.7 | 12.0 | 20.0 | |
| Urban development | 16.3 | 16.0 | 3.7 | 7.9 | 11.9 | 16.3 | 3.9 | 7.9 | 11.8 | 17.0 | |

For related information of "Urban development" in Toyosu, please refer to <Appendices> on page 36, 37.

3. Financial Results by Segment Industrial System and General-Purpose Machinery





<Results by business segment>

[Orders received]

Orders received declined due to the decrease in the Vehicular turbochargers Business and the Thermal and surface treatment Business, despite the increase owing to an effect of receiving large-scale project in the Transport machineries Business.

[Net sales]

Net sales decreased due to the effect of transfer of the Small power systems Business in FY2018, in addition to down in the Vehicular turbochargers Business.

< Number of vehicular turbochargers delivered >

(1,000 Units)

| | 3Q | Full Year |
|--------|-------|-----------|
| FY2018 | 5,140 | 6,760 |
| FY2019 | 4,640 | 6,200 |

[Operating profit]

Operating profit decreased in the Vehicular turbochargers Business and the Thermal and surface treatment Business.

<FY2019 Forecast (vs. In November) >

The forecasts of orders received and net sales remain unchanged.

Operating profit is expected to decrease in the Rotating machineries Business and the Transport machineries Business and so on.

3. Financial Results by Segment Industrial System and General-Purpose Machinery



(In billion yen)

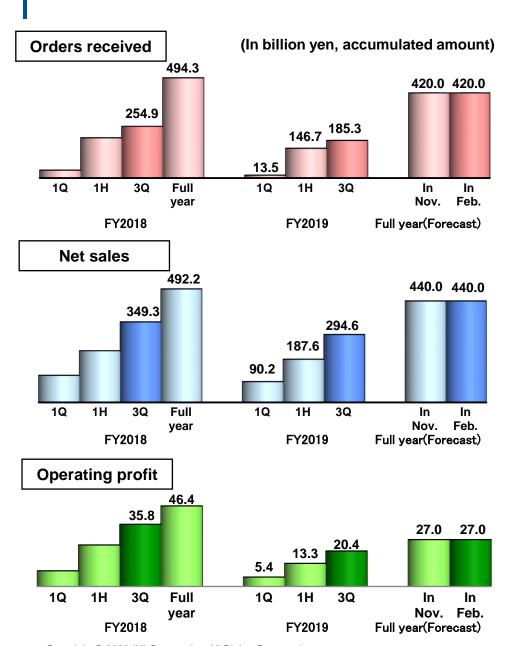
| | Orders r | received | Net sales | | | | | | | |
|-------------------------------|-----------|-------------------------|-----------|------|-------|-----------|--------|------|-------|----------------------|
| | FY2018 | FY2019 | | FY2 | 018 | | FY2019 | | | |
| | Full year | Full year (Forecast) | 1Q | 1H | 3Q | Full year | 1Q | 1H | 3Q | Full year (Forecast) |
| Vehicular turbochargers | 190.2 | 157.0 | 51.6 | 99.3 | 143.6 | 189.5 | 38.7 | 76.7 | 118.8 | 158.0 |
| Parking | 52.5 | 54.0 | 7.7 | 17.9 | 29.4 | 49.7 | 10.0 | 22.0 | 33.9 | 53.0 |
| Rotating machineries | 51.3 | 53.0 | 10.6 | 21.5 | 32.7 | 49.5 | 10.4 | 21.1 | 33.5 | 51.0 |
| Thermal and surface treatment | 41.3 | 36.0 | 11.1 | 21.0 | 31.1 | 41.6 | 9.8 | 19.7 | 29.1 | 39.0 |
| Transport machineries | 33.2 | 60.0 | 5.0 | 7.9 | 13.7 | 23.9 | 3.7 | 9.2 | 17.7 | 30.0 |

For details of "Vehicular turbochargers", please refer to <Appendices> on page 35.

^{*}Net sales for FY2018.3Q in the Vehicular turbochargers Business reflects intercompany adjustments made in FY2018.4Q.

3. Financial Results by Segment Aero Engine, Space and Defense





<Results by business segment>

[Orders received]

Orders received decreased in the aero engines for Japan Ministry of Defense, the Civil aero engines Business and the Rocket systems/space utilization systems Business.

[Net sales]

Net sales decreased in the aero engines for Japan Ministry of Defense and the Civil aero engines Business.

<Number of civil aero engines delivered>

| | | (Units) |
|--------|-------|-----------|
| | 3Q | Full Year |
| FY2018 | 1,183 | 1,521 |
| FY2019 | 1,061 | 1,450 |

[Operating profit]

Operating profit in the Civil aero engines Business declined due to the decrease in sales caused by making its inspection process stricter in the maintenance business and to the additional program costs.

<FY2019 Forecast (vs. In November) >

The forecasts of orders received, net sales and operating profit remain unchanged.

3. Financial Results by Segment Aero Engine, Space and Defense



(In billion yen)

| | | Orders r | eceived | Net sales | | | | | | | |
|------------|---------|-----------|-------------------------|------------|-------|-------|-----------|------|-------|-------|-------------------------|
| | | FY2018 | FY2019 | 019 FY2018 | | | FY2019 | | | | |
| | | Full year | Full year (Forecast) | 1Q | 1H | 3Q | Full year | 1Q | 1H | 3Q | Full year (Forecast) |
| Civil aero | engines | 334.8 | 300.0 | 73.1 | 152.5 | 243.2 | 318.5 | 65.1 | 131.5 | 208.1 | 280.0 |

For details of "Civil aero engines", please refer to <Appendices> on page 34.

<Appendices>

- Financial Performance
- Progress in large overseas projects
- Topics in the Third Quarter under review
- Aero engines
- Vehicular turbochargers
- Urban development



Financial Performance



(In billion yen)

| | | | | | | ,, |
|--|------------------------------|--------------|----------------------------------|---------------------------------|--------------|---------------------------------|
| | FY2015 | FY2016 | FY2017 | FY2018 | FY2019.3Q | FY2019 (Forecast) |
| Net sales | 1,539.3 | 1,468.3 | 1,590.3 | 1,483.4 | 922.0 | 1,400.0 |
| Operating margin Operating profit | 1.4% 22.0 | 3.2% 47.3 | 4.5% 72.2 | 5.6% 82.4 | 3.0% 27.2 | 4.3% 60.0 |
| Ordinary profit/loss(▲) | 9.7 | 22.0 | 21.4 | 65.7 | 8.6 | 34.0 |
| Profit /loss(▲) attributable to owners of parent | 1.5 | 5.2 | 8.2 | 39.8 | ▲ 1.7 | 16.0 |
| ROE (%1) | 0.5% | 1.6% | 2.6% | 11.8% | - | _ |
| ROIC (%2) | 2.3% | 5.0% | 7.7% | 8.7% | | _ |
| D/E ratio(times) ((| 1.12 | 1.10 | 0.92 | 0.93 | 1.34 | _ |
| Dividends per share (yen) | 3 Interim 3 Year-end 0 | 0 | Interim 3 Year-end 30 (*4) | 70 Interim 30 Year-end 40 | Interim 30 | 70 Interim 30 Year-end 40 |
| Exchange rate | ¥118.27/\$ | ¥108.27/\$ | ¥111.00/\$ | ¥111.09/\$ | ¥108.95/\$ | - |

X1: ROE(Return on Equity) = Profit attributable to owners of parent

/ (Average of equity for previous fiscal year end and current period end)

%2: ROIC (Return On Invested Capital)

=(Operating profit + Interest income and dividend income) after tax / (Equity + Interest-bearing liabilities)

%3: D/E ratio = Interest-bearing liabilities / net assets **%4**: Year-end dividend for FY2017 reflects the consolidation of stock.

Progress in Large Overseas Projects 1/2

IHI

Elba Liquefaction Project





Expected Completion Image

As of end of Dec 2019

<Status>

As of the end of December 2019, Commercial In-Service of MMLS#1, 3 and 4, Start-up of MMLS#2 (In-Service from 16 Jan. 2020), Commissioning of MMLS#5~8 and Punch clearing of MMLS #9 and 10 are ongoing. Progress of Engineering is 100%, Procurement is 100%, Construction is 99.4%, Commissioning is 77.7%, and Overall Project is 98.0%

<Key milestones>

March 2016: Contract Award

November 2016: FERC Approval for the commencement of

construction

February 2017: Delivery commencement of MMLS #1 module

September 2019: Commercial in Service of MMLS#1
June 2020 : Substantial Completion of all facilities

<Project Brief>

·Contract: Lump Sum Turnkey EPC Agreement for the Elba Island

Natural Gas Liquefaction Facility and the Southern LNG

Expansion Facility

•Job Site: Elba Island, Chatham County, Savannah, Georgia, USA

•Scope: Engineering, Procurement, Construction, and Commissioning

of 2.5 MTPA Liquefaction facility

MMLS: Movable Modular Liquefaction System

This project has totally 10 MMLSs and 1 MMLS consists 79 modules.

Jimah East Power coal fired power plant





As of end of Dec 2019

<Status>

As of end of Dec. 2019, #1 handed over (21 Aug 2019), and #2 handed over (26 Dec 2019). For boiler portion, 100% of engineering, 100% of procurement, 100% of erection and 100% of commissioning activities were completed. As total 100% was completed.

<Key Milestones>

Aug 2014: EPC Contract Oct 2018: Initial Firing(#1) Jan 2017: Boiler Erection Start(#1) Apr 2019: Initial Firing(#2)

Jul 2017 : Boiler Erection Start(#2) Aug 2019: COD (#1) Apr 2018: Hydro Test(#1) Dec 2019: COD (#2)

Nov 2018: Hydro Test(#2)

<Project Brief>

- Contract: Full turn key contract for ultra-supercritical boiler for Jimah East Power Sdn. Bhd. (IPP)
- ·Site: Jimah, Negeri Sembilan, Malaysia
- Scope: Engineering, Procurement, Construction and Commissioning of Ultra-supercritical boiler

Progress in Large Overseas Projects 2/2



Elba Liquefaction Project <Status as of the end of January 2020>

| MMLS No. | #1 | #2 | #3 | #4 | #5 | #6 | #7 | #8 | #9 | #10 |
|--|----|----|----|----|--------------|--------------|--------------|--------------|--------------|-------------------------|
| Completion of mechanical, electrical & instrument installation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mechanical Completion | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Commissioning(progress) | 0 | 0 | 0 | 0 | O (90.0%) | O (81.2%) | O (66.0%) | O (47.0%) | O (14.4%) | O (12.5%) |
| In-Service | 0 | 0 | 0 | 0 | | | | | | (Plan: June 2020) |

Topics in the Third Quarter under review



IHI receives order to convert power generation boiler to combust wood biomass exclusively

IHI has received an order from Suzukawa Energy Center Ltd. ("Suzukawa EC") for the conversion of a power generation boiler at the latter's thermal power plant to use wood biomass exclusively for fuel. This project will be the first PC-fired boiler in Japan to be converted exclusively to combust wood biomass. The facility is scheduled to begin operations in the spring of 2022.

Going forward, the IHI Group will continue to contribute to the realization of a carbon-free, recycling-based society by actively expanding its businesses in the Resources, Energy and Environment Business Area, such as by further improving the efficiency of power generation facilities, and developing approaches to capturing, storing and converting CO2 into a valuable resource.



<Thermal power plant (Suzukawa EC)>



<Upper picture: Automated parking experiment Lower picture: Drone landing/takeoff port

IHI develops automated driving, parking and related services for use within parking facilities

IHI Transport Machinery Co., Ltd. ("IUK"), which has been working on the development of automated driving, parking and related services for use within parking facilities, has announced the first successful implementation in Japan, as follows.

- By establishing automated driving and parking technology for use within the enclosed spaces
 of self-driving parking systems and mechanical parking systems, IUK has succeeded in
 implementing "automated valet parking" (*a service in which vehicles are parked and
 retrieved on behalf of the driver) for the areas of mechanical parking systems into which
 users need not enter.
- IUK has jointly developed a drone landing/takeoff port with Blue innovation Co., Ltd. This enables the unmanned transfer of goods from a drone to a self-driving vehicle.
 This unmanned transfer utilizes the conveyor technology cultivated by IUK during the development and manufacture of its mechanical parking systems.

IUK will continue to work on initiatives to provide optimal solutions in response to the diverse needs of parking systems.

Aero engines



(1) Net sales of civil aero engines

(In billion yen)

| | | Actual | | | | | | | | | |
|-----------|-------|--------|-------|-------|-------|-------|-----------|--------|-----------|--|--|
| | '13 | '14 | '15 | '16 | '17 | FY2 | 2018 | FY2019 | | | |
| | 13 | 14 | 15 | 10 | 17 | 3Q | Full Year | 3Q | Full Year | | |
| Net sales | 226.0 | 267.0 | 299.1 | 291.5 | 281.0 | 243.2 | 318.5 | 208.1 | 280.0 | | |

(2) Number of civil aero engines delivered

(Units)

| | Actual(accumulated) | | | | | | | | | | |
|------------|---------------------|--------|--------|--------|--------|--------|--------|--------|--------|---------------------------------------|--|
| | ′11 | ′12 | ′13 | ′14 | ′15 | ′16 | ′17 | ′18 | ′19/3Q | Main loading | |
| V2500 | 4,980 | 5,468 | 5,969 | 6,469 | 6,896 | 7,236 | 7,508 | 7,688 | 7,724 | Airbus A319/320/321 | |
| GE90 | 1,399 | 1,589 | 1,806 | 2,039 | 2,257 | 2,457 | 2,617 | 2,715 | 2,794 | Boeing B777 | |
| CF34 | 3,242 | 3,548 | 3,820 | 4,156 | 4,471 | 4,821 | 5,085 | 5,331 | 5,532 | For regional jet (70 to 110 seats) | |
| GEnx | 118 | 259 | 468 | 751 | 1,035 | 1,295 | 1,542 | 1,826 | 2,050 | Boeing B787/B747-8 | |
| PW1100G | | | | | 16 | 148 | 398 | 1,058 | 1,514 | Airbus A320Neo | |
| Passport20 | | | | | | | 13 | 66 | 131 | Bombardier Global7500 | |
| Total | 9,739 | 10,864 | 12,063 | 13,415 | 14,675 | 15,957 | 17,163 | 18,684 | 19,745 | | |

(Note) The number of civil aero engine delivered is the number handed over to the airframe maker, and differs from the number of factory shipments.

Vehicular turbochargers



<Net sales by region>

(In billion yen)

| | Actual | | | | | | | | | Forecast |
|------------------------------|--------|-------|-------|-------|-------|-------|--------|-----------|--------|-----------|
| | ′12 | ′13 | ′14 | ′15 | ′16 | ′17 | FY2018 | | FY2019 | |
| | 12 | 13 | 14 | 13 | 10 | 17 | 3Q | Full Year | 3Q | Full Year |
| Japan | 33.9 | 35.3 | 37.5 | 34.6 | 38.9 | 39.8 | 33.3 | 44.6 | 29.2 | 39.0 |
| Asia | 24.8 | 29.8 | 27.5 | 21.6 | 15.8 | 11.7 | 8.3 | 11.0 | 7.8 | 11.0 |
| China | 18.1 | 23.4 | 24.3 | 24.9 | 48.5 | 71.9 | 48.3 | 63.1 | 46.4 | 58.0 |
| North America | 1.3 | 1.6 | 1.8 | 2.4 | 3.3 | 8.4 | 8.6 | 11.6 | 8.1 | 12.0 |
| Central and South America | 0.0 | 0.0 | 0.7 | 3.4 | 6.1 | 7.4 | 5.8 | 7.5 | 4.9 | 7.0 |
| Europe | 43.2 | 60.2 | 75.6 | 74.3 | 61.7 | 81.1 | 39.0 | 51.3 | 22.0 | 31.0 |
| Others | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 121.6 | 150.7 | 167.7 | 161.6 | 174.6 | 220.5 | 143.6 | 189.5 | 118.8 | 158.0 |

***Net sales for FY2018.3Q in Asia reflects intercompany adjustments made in FY2018.4Q.**



(1) Lease revenue in Toyosu

(In billion yen)

| | Actual | | | | | | | | | Forecast |
|------------------|--------|-----|-----|------|-----|-----|-----|-----------|-----|-----------|
| | ′12 | ′13 | ′14 | ′15 | ′16 | ′17 | FY2 | 2018 | FY2 | 2019 |
| | 12 | 13 | 14 | 13 | 10 | 17 | 3Q | Full Year | 3Q | Full Year |
| Lease revenue | 9.2 | 9.1 | 9.3 | 10.1 | 9.3 | 9.2 | 7.0 | 9.3 | 7.1 | 9.4 |

(2) Lease revenue and expense in Toyosu (FY2019.3Q)

| | Lease | Lease e | Lease | |
|-----------|---------|--------------|--------|--------|
| | revenue | Depreciation | Others | income |
| FY2019.3Q | 7.1 | 2.9 | 2.1 | 2.0 |

Development Plan for Toyosu 1 to 3 chome Area

Toyosu IHI Building

25 floors above ground, Approx. 125m high Gross floor area: 97,617m² Completed in February 2006



Kindergarten, Nursery school, Café, Marriage ceremonial hall.

Site area: 19,492m2

Completed in March 2010 to February 2011



<u>Urban Dock LaLaport Toyosu ANNEX</u> (Mitsui Fudosan Co., Ltd.)

5 floors above ground, Approx. 25m high Store floor space : $24,721\,\text{m}^2$

Store floor space : 24,721r Opened in October 2006

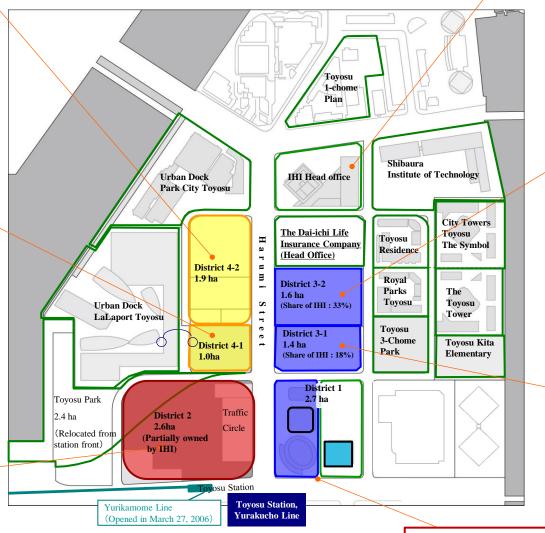


Complex building A • C, (IHI and Mitsui Fudosan)

36 floors above ground, Approx. 178m high Gross floor area : 185,000m²

Scheduled for completion in April 2020





<u>Toyosu Foresia</u> (IHI & Mitsubishi Estate Company, Ltd.)

16 floors above ground, Approx. 75m high, Gross floor area: 101,503m Completed in July 2014



Toyosu Front (IHI, Mitsubishi Estate Company, Ltd. and Mitsubishi UFJ Trust and Banking Corporation)

15 floors above ground , Approx. 75m high Gross floor area : $106,\!861\,\mbox{m}^{2}$ Completed in August 2010



Civic Center : Opened in September Office Leasing

Fire department office : Completed in

Approx. 5ha

|

June 2016

Property

of IHI

Office Leasing (Leased land)

Category 1 Urban Redevelopment Project **1

Sold, Donated, Exchanged

Land Leasing

Toyosu Center Building

37 floors above ground , Approx. 165m high Gross floor area : $100,069\,\text{m}^2$ Completed in October 1992

Toyosu Center Building Annex

33 floors above ground, Approx. 150m high

Gross floor area : 105,448m² Completed in August 2006

*1 One of the way to redevelop that was defined by Urban Renewal Act.



Forward-looking figures shown in this material with respect to IHI's performance outlooks and other matters are based on management's assumptions and beliefs in light of the information currently available to it, and therefore contain risks and uncertainties. Consequently, you should not place undue reliance on these performance outlooks in making judgments. IHI cautions you that actual results could differ materially from those discussed in these performance outlooks due to a number of important factors. These important factors include political environments in areas in which IHI operates, general economic conditions, and the yen exchange rate including its rate against the US dollar.