# Operational Summary 

for the Nine Months Ended December 31, 2013

February 5, 2014<br>Mitsubishi Chemical Holdings Corporation

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## List of Abbreviations

| FY2013: | April 1, 2013 - March 31, 2014 |  |
| :---: | :---: | :---: |
|  | 1st Quarter ("1Q") of FY2013: April 1, 2013 - June 30, 2013 |  |
|  | 2nd Quarter ("2Q") of FY2013: July 1, 2013 - September 30, 2013 | 1st Haif ("1H") of FY2013 |
|  | 3rd Quarter ("3Q") of FY2013: October 1, 2013 - December 31, 2013 | 2nd Half ("2H") of FY2013 |
|  |  | 2nd |
| FY2012: | April 1, 2012 - March 31, 2013 |  |
|  | 1st Quarter ("1Q") of FY2012: April 1, 2012 - June 30, 2012 |  |
|  | 2nd Quarter ("2Q") of FY2012: July 1, 2012 - September 30, $2012 \quad\}$ 1st Haif ( $1 \mathbf{1 H}$ ") of FY2012 |  |
|  |  |  |
|  |  |  |
| MCHC | Mitsubishi Chemical Holdings Corporation |  |
| MCC | Mitsubishi Chemical Corporation |  |
| MTPC | Mitsubishi Tanabe Pharma Corporation |  |
| MPI | Mitsubishi Plastics, Inc. |  |
| MRC | Mitsubishi Rayon Co., Ltd |  |
| (Note) |  |  |
| Divisional numbers of following "business sub-segments" under the business segments of Designed Materials, Health Care, |  |  |
| Chemicals, or Polymers are approximation for reference purpose only; |  |  |
|  | Functional Products |  |
|  | Performance Chemicals |  |
|  | Pharmaceuticals |  |
|  | Diagnostics and Pharmaceutical Ingredients/Formulations |  |
|  | Petrochemicals |  |
|  | Carbon |  |
|  | Polyolefins and Advanced Polymers |  |
|  | MMA Monomers and Polymers |  |

## Consolidated Statements of Operations



| Comprehensive income attributable to: | 27.2 | $\mathbf{1 1 9 . 6}$ | 20.9 | $\mathbf{3 1 . 5}$ | $\mathbf{8 8 . 1}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Shareholders of the parent | 15.5 | $\mathbf{8 6 . 4}$ | 10.5 | $\mathbf{1 0 . 0}$ | $\mathbf{7 6 . 4}$ |
| Minority interests | 11.7 | $\mathbf{3 3 . 2}$ | 10.4 | $\mathbf{2 1 . 5}$ | $\mathbf{1 1 . 7}$ |

[^0]
## Consolidated Net Sales and Operating Income by Business Segment

|  |  |  |  |  |  |  | (Billions of Yen) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1Q | 2Q | 3Q | Nine Months Ended Dec. 31, 2013 | Nine Months Ended Dec. 31, 2012 | Change |
| Total | Net Sales | 781.3 | 830.3 | 870.0 | 2,481.6 | 2,305.8 | 175.8 |
|  | Operating income | 23.5 | 27.9 | 36.4 | 87.8 | 73.5 | 14.3 |
| Electronics Applications | Net Sales | 28.4 | 28.4 | 28.8 | 85.6 | 88.8 | (3.2) |
|  | Operating income | (1.2) | (1.4) | (1.7) | (4.3) | (3.2) | (1.1) |
| Designed Materials | Net Sales | 177.2 | 188.8 | 192.4 | 558.4 | 515.6 | 42.8 |
|  | Operating income | 11.1 | 11.3 | 11.3 | 33.7 | 17.0 | 16.7 |
| Health Care | Net Sales | 127.6 | 127.1 | 151.0 | 405.7 | 393.2 | 12.5 |
|  | Operating income | 18.6 | 16.5 | 27.8 | 62.9 | 64.2 | (1.3) |
| Chemicals | Net Sales | 223.3 | 237.5 | 246.3 | 707.1 | 665.8 | 41.3 |
|  | Operating income | (1.4) | 1.6 | (1.3) | (1.1) | (2.4) | 1.3 |
| Polymers | Net Sales | 180.8 | 199.4 | 199.5 | 579.7 | 506.5 | 73.2 |
|  | Operating income | (1.4) | 0.4 | 0.2 | (0.8) | 0.5 | (1.3) |
| Others | Net Sales | 44.0 | 49.1 | 52.0 | 145.1 | 135.9 | 9.2 |
|  | Operating income | (0.5) | 0.9 | 1.7 | 2.1 | 3.6 | (1.5) |
| Corporate | Net Sales | - | - | - | - |  | - |
|  | Operating income | (1.7) | (1.4) | (1.6) | (4.7) | (6.2) | 1.5 |

## Consolidated Net Sales and Operating Income by Business Sub-segment



## Major reasons for the change:

(a) Decreased sales for recording media and declining prices of red phosphor
(b) Increased sales for composite materials and carbon fiber and increased margin for exports due to depreciation of the yen
(c) Increased sales for OPL film and increased margin for exports due to depreciation of the yen
(d) Increased overseas royalty revenues were offset by decreased sales of ethical pharmaceuticals in Japan and a decreased margin due to product mix
(e) Qualicaps Group was newly consolidated and increased profits for the diagnostic testing business

## Consolidated Net Sales and Operating Income by Business Sub-segment (Continued)



| Inventory valuation gain/loss |  |  |  | NineMonthsEnded Dec.31,2013 | Nine <br> Months <br> Ended Dec. <br> 31,2012 | Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1Q | 2Q | 3Q |  |  |  |
| Chemicals (Petrochemicals) | (1.4) | 0.4 | 1.6 | 0.6 | 1.2 | (0.6) |
| Chemicals (Carbon) | 0.2 | (0.1) | (0.2) | (0.1) | (0.5) | 0.4 |
| Polymers (Polyolefins and Advanced Polymers) | 3.6 | 0.7 | 2.5 | 6.8 | 2.8 | 4.0 |
| Total | 2.4 | 1.0 | 3.9 | 7.3 | 3.5 | 3.8 |

Major reasons for the change:
(a) Decreased loss due mainly to improved utilization of domestic ethylene plants
(b) Spot royalty revenue of high-performance graphite was included in the previous year and a margin for synthetic rubber decreased whereas demand for coke was strong
(c) Improved performance of polyolefin business, increased sales and the acquisition of overseas unit of performance polymers business
(d) Decreased margin of MMA due to unfavorable market in Asia and increased cost due to delay in resuming operation of U.S. plant

## Analysis of Operating Income

|  | (Billions of Yen) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Nine Months | Nine Mon | Analysis |  |  |  |  |
|  | Ended Dec. 31, 2013 | Ended Dec. $\text { 31, } 2012$ | Change | Price | Volume | Cost reduction | Inventory Valuation gain/loss, others * |
| Total | 87.8 | 73.5 | 14.3 | (6.5) | 0.9 | 19.4 | 0.5 |
| Electronics Applications | (4.3) | (3.2) | (1.1) | (1.4) | (2.4) | 3.8 | (1.1) |
| Designed Materials | 33.7 | 17.0 | 16.7 | 3.0 | 5.2 | 4.2 | 4.3 |
| Health Care | 62.9 | 64.2 | (1.3) | 1.2 | (1.6) | 0.8 | (1.7) |
| Chemicals | (1.1) | (2.4) | 1.3 | (6.0) | (1.0) | 5.6 | 2.7 |
| Polymers | (0.8) | 0.5 | (1.3) | (3.3) | 1.2 | 3.2 | (2.4) |
| Others | 2.1 | 3.6 | (1.5) |  | (0.5) | 1.6 | (2.6) |
| Corporate | (4.7) | (6.2) | 1.5 |  |  | 0.2 | 1.3 |

"Inventory valuation gain/loss, others" include an impact due to the unification of depreciation methods

## Consolidated Extraordinary Gain and Loss

|  |  | Nine Months Ended Dec. 31, 2013 | Nine Months Ended Dec. 31, 2012 | (Billions of Yen) |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} 3 Q \text { of } \\ \text { FY2013 } \end{gathered}$ |  |  | Change |
| Net of extraordinary gain and loss | 1.0 | 21.9 | (11.5) | 33.4 |
| Extraordinary gain | 3.4 | 27.1 | 9.9 | 17.2 |
| Profit on arbitration award | - | 11.0 | - | 11.0 |
| Gain on sales of investment securities | 2.5 | 10.3 | 2.0 | 8.3 |
| Gain on sales of property, plant and equipment | 0.1 | 2.0 | 3.9 | (1.9) |
| Others | 0.8 | 3.8 | 4.0 | (0.2) |
| Extraordinary loss | (2.4) | (5.2) | (21.4) | 16.2 |
| Business structure improvement expenses | (0.5) | (1.0) | (10.9) | 9.9 |
| Impairment loss | (0.6) | (1.6) | (1.1) | (0.5) |
| Loss on sales and retirement of property, plant and equipment | (0.5) | (1.5) | (2.4) | 0.9 |
| Others | (0.8) | (1.1) | (7.0) | 5.9 |

## Consolidated Cash Flows

|  | Based on statements of cash flows |  |
| :---: | :---: | :---: |
|  | Nine Months Ended Dec. 31, 2013 | Nine Months Ended Dec. 31, 2012 |
| Net cash provided by operating activities | 135.0 | 143.4 |
| Income before income taxes and minority interests | 106.3 | 58.7 |
| Depreciation and amortization | 92.1 | 96.4 |
| Amortization of goodwill | 10.4 | 8.8 |
| Change in operating receivables/payables | (24.5) | 7.3 |
| Change in Inventories | (8.0) | (10.1) |
| Others | (41.3) | (17.7) |
| Net cash used in investment activities | (123.4) | (79.4) |
| Capital expenditure | (88.4) | (98.5) |
| Sales of fixed assets and investment securities | 30.4 | 21.7 |
| Investment and loans receivable etc. | (65.4) | (2.6) |
| Free cash flow | 11.6 | 64.0 |
| Net cash used in financing activities | (3.4) | (60.3) |
| Interest-bearing debts | 30.1 | (26.9) |
| Dividends, etc. | (33.5) | (33.4) |
| Increase in cash and cash equivalents | 8.2 | 3.7 |
| Effect of exchange rate changes and change in scope of consolidation | 13.8 | 0.1 |
| Cash and cash equivalents at the beginning of the period | 153.1 | 133.1 |
| Cash and cash equivalents at the end of the period | 175.1 | 136.9 |

Adjusted by excluding cash
flows from investment of
surplus funds
(Billions of Yen)

| Nine Months <br> Ended Dec. <br> 31,2013 <br> Excluded <br> 25.7 billion yen | Nine Months <br> Ended Dec. <br> 31,2012 <br> Excluded <br> 6.3 billion yen |
| ---: | ---: |
| 135.0 | 143.4 |
| 106.3 | 58.7 |
| 92.1 | 96.4 |
| 10.4 | 8.8 |
| $(24.5)$ | 7.3 |
| $(8.0)$ | $(10.1)$ |
| $(41.3)$ | $(17.7)$ |
| $(149.1)$ | $(85.7)$ |
| $(88.4)$ | $(98.5)$ |
| 30.4 | 21.7 |
| $*(91.1)$ | $(8.9)$ |
| $(14.1)$ | 57.7 |

*Including capital increase of Taiyo Nippon Sanso, Medicago acquisition and purchase of additional Quadrant shares to make it a wholly-owned subsidiary

## Consolidated Balance Sheets

|  | (Billions of Yen) |  |  |
| :--- | ---: | ---: | ---: |
|  | Dec. 31, 2013 | Mar. 31, 2013 | Change |
| Cash and deposits | 142.0 | 116.0 | 26.0 |
| Inventories | 575.7 | 547.0 | 28.7 |
| Trade receivables | 647.4 | 588.2 | 59.2 |
| Others | 182.5 | 205.5 | $(23.0)$ |
| Current assets | $1,547.6$ | $1,456.7$ | 90.9 |
| Tangible and intangible fixed assets | $1,217.0$ | $1,126.8$ | 90.2 |
| Goodwill | 179.2 | 179.9 | $(0.7)$ |
| Investment and Others | 568.5 | 544.4 | 24.1 |
| Non-current assets | $1,964.7$ | $1,851.1$ | 113.6 |
| Total assets | $3,512.3$ | $3,307.8$ | 204.5 |


|  | (Billions of Yen) |  |  |
| :---: | :---: | :---: | :---: |
|  | Dec. 31, 2013 | Mar. 31, 2013 | Change |
| Interest-bearing debts | 1,265.2 | 1,198.8 | 66.4 |
| Trade payables | 456.5 | 417.0 | 39.5 |
| Others | 497.1 | 488.7 | 8.4 |
| Liabilities | 2,218.8 | 2,104.5 | 114.3 |
| Shareholders' equity | 854.7 | 835.5 | 19.2 |
| Accumulated other comprehensive income | 28.7 | (20.0) | 48.7 |
| Minorities interests, etc. | 410.1 | 387.8 | 22.3 |
| Net assets | 1,293.5 | 1,203.3 | 90.2 |
|  |  |  |  |
| Total liabilities and net assets | 3,512.3 | 3,307.8 | 204.5 |


| Net Interest-bearing debts (*1) | 1,008.9 | 938.6 | 70.3 |
| :---: | :---: | :---: | :---: |
| Net D/E ratio | 1.14 | 1.15 | (0.01) |
| Net D/E ratio (incl. Minority interests in the denominator) | 0.78 | 0.78 | 0.00 |
|  |  |  |  |
| Shareholders' equity (*2) | 883.4 | 815.5 | 67.9 |
| Shareholders' equity ratio | 25.1\% | 24.6\% | 0.5\% |
| *1. Net interest-bearing debts ( $1,008.9$ billion yen) $=$ interest-bearing debts (1,265.2 billion yen) |  |  |  |

## Consolidated Statements of Comprehensive Income

| Exchange rates | Sep. 2013 <br> Dec. 2013 | Dec. 2012 <br> Mar. 2013 |  |
| :---: | :---: | :---: | :---: |
| For subsidiaries with calendar-year accounting period (¥/US\$) | 97.8 | 86.6 |  |
| For subsidiaries with April-March accounting period (¥/US\$) | 105.4 | 94.1 |  |
| For subsidiaries with calendar-year accounting period (¥/€) | 131.9 | 114.7 |  |
| For subsidiaries with April-March accounting period (¥\|€) | 145.1 | 120.7 |  |
|  | (Billions of Yen) |  |  |
|  | Nine <br> Months <br> Ended Dec. <br> 31, 2013 | Nine <br> Months <br> Ended Dec. <br> 31,2012 | Change |
| Net income | 37.4 | 9.2 | 28.2 |
| Minority interests in consolidated subsidiaries | 25.4 | 20.1 | 5.3 |
| Income before minority interests | 62.8 | 29.3 | 33.5 |
| Other comprehensive income : |  |  |  |
| Net unrealized holding gain (loss) on other securities | 14.7 | (0.9) | 15.6 |
| Gain (Loss) on deferred hedges | (0.7) | 1.1 | (1.8) |
| Foreign currency translation adjustments | 35.9 | 0.0 | 35.9 |
| Unfunded retirement benefit obligation with respect to a foreign subsidiary | 0.4 | 0.5 | (0.1) |
| Other comprehensive income of affiliates accounted for using equity method | 6.5 | 1.5 | 5.0 |
| Other comprehensive income, net | 56.8 | 2.2 | 54.6 |
| Total comprehensive income | 119.6 | 31.5 | 88.1 |
| Total comprehensive income attributable to: |  |  |  |
| Shareholders of the parent | 86.4 | 10.0 | 76.4 |
| Minority interests | 33.2 | 21.5 | 11.7 |

# Consolidated Statements of Operations (Revised Forecast for FY2013) 

| Exchange rate for transactions in US\$ ( $¥ /$ US $\$$ ) |
| :--- |
| Exchange rate to translate foreign statements with calendar-year accounting period $(\not \approx / \mathrm{US} \$$ ) |
| Naphtha price $(\not ¥ / \mathbf{k l})$ |


| 98.6 | 101.1 | $\mathbf{9 9 . 9}$ |
| ---: | ---: | ---: |
| 95.9 | 100.1 | $\mathbf{9 8 . 0}$ |
| 64,700 | 69,900 | $\mathbf{6 7 , 3 0 0}$ |


| 83.3 |
| ---: |
| 80.1 |
| 57,500 |


| 16.6 |
| ---: |
| 17.9 |
| 9,800 |


| $\begin{gathered} \text { 1H of } \\ \text { FY2013 } \\ \text { (Actual) } \end{gathered}$ | 2H of <br> FY2013 <br> (Revised <br> Forecast) | FY2013 <br> (Revised Forecast) |
| :---: | :---: | :---: |
| 1,611.6 | 1,888.4 | 3,500.0 |
| 51.4 | 58.6 | 110.0 |
| (2.7) | (4.3) | (7.0) |
| [3.8] | [3.2] | [7.0] |
| 1.0 | (0.5) | 0.5 |
| 0.5 | (4.0) | (3.5) |
| 50.2 | 49.8 | 100.0 |
| 23.7 | 4.8 | 28.5 |
| (2.8) | (21.7) | (24.5) |
| 71.1 | 32.9 | 104.0 |
| (28.1) | (19.9) | (48.0) |
| 43.0 | 13.0 | 56.0 |
| (15.7) | (12.3) | (28.0) |
| 27.3 | 0.7 | 28.0 |


| FY2012 <br> (Actual) |
| ---: |
| $3,088.6$ |
| 90.2 |
| $(4.1)$ |
| $[8.9]$ |
| 3.2 |
| $(2.2)$ |
| 87.1 |
| 21.2 |
| $(25.4)$ |
| 82.9 |
| $(40.1)$ |
| 42.8 |
| $(24.2)$ |
| 18.6 |


| (Billions of Yen) | <reference> |
| :---: | :---: |
| Change | FY2013 <br> (Forecast Announced on Oct 31) |
| 411.4 | 3,500.0 |
| 19.8 | 133.0 |
| (2.9) | (8.0) |
| [(1.9)] | [6.5] |
| (2.7) | 4.5 |
| (1.3) | (4.5) |
| 12.9 | 125.0 |
| 7.3 | 26.0 |
| 0.9 | (22.0) |
| 21.1 | 129.0 |
| (7.9) | (52.0) |
| 13.2 | 77.0 |
| (3.8) | (31.0) |
| 9.4 | 46.0 |

## Consolidated Net Sales and Operating Income by Business Segment <br> (Revised Forecast for FY2013)



## Consolidated Net Sales and Operating Income by Business Sub-segment

 (Revised Forecast for FY2013)

## Consolidated Net Sales and Operating Income by Business Sub-segment (Continued) (Revised Forecast for FY2013)

|  |  |  |  |  |  |  |  | llions of Yen) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{aligned} & \text { 1H of } \\ & \text { FY2013 } \\ & \text { (Actual) } \end{aligned}$ | 3Q of FY2013 (Actual) | 4 Q of FY2013 (Revised Forecast) | FY2013 (Revised Forecast) | $\begin{aligned} & \text { FY2012 } \\ & \text { (Actual) } \end{aligned}$ | Change |
|  | Petrochemicals | Net Sales | 358.5 | 195.2 | 186.3 | 740.0 | 678.6 | 61.4 |
|  |  | Operating Income | (4.1) | (3.8) | (4.1) | (12.0) | (13.0) | 1.0 |
|  | Carbon | Net Sales | 102.3 | 51.1 | 56.6 | 210.0 | 225.0 | (15.0) |
|  |  | Operating Income | 4.3 | 2.5 | 2.2 | 9.0 | 12.8 | (3.8) |
|  | Polyolefins and Advanced Polymers | Net Sales | 236.4 | 129.4 | 144.2 | 510.0 | 425.3 | 84.7 |
|  |  | Operating Income | (0.8) | 0.6 | 3.2 | 3.0 | (6.0) | 9.0 |
|  | MMA Monomers and Polymers | Net Sales | 143.8 | 70.1 | 136.1 | 350.0 | 250.4 | 99.6 |
|  |  | Operating Income | (0.2) | (0.4) | 0.6 | 0.0 | 6.1 | (6.1) |


| Inventory valuation gain/loss |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1H of <br> FY2013 <br> (Actual) |  | $\begin{array}{\|c} \hline 4 \mathrm{Q} \text { of } \\ \text { FY2013 } \\ \text { (Revised } \\ \text { Forecast) } \\ \hline \end{array}$ | FY2013 <br> (Revised <br> Forecast) | $\begin{aligned} & \text { FY2012 } \\ & \text { (Actual) } \end{aligned}$ | Change |
| Chemicals (Petrochemicals) | (1.0) | 1.6 | (1.5) | (0.9) | 6.0 | (6.9) |
| Chemicals (Carbon) | 0.1 | (0.2) | 0.0 | (0.1) | (0.4) | 0.3 |
| Polymers (Polyolefins and Advanced Polymers) | 4.3 | 2.5 | 2.8 | 9.6 | 8.1 | 1.5 |
| Total | 3.4 | 3.9 | 1.3 | 8.6 | 13.7 | (5.1) |


|  | (Billions of Yen) |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & 1 \mathrm{H} \text { of } \\ & \text { FY2013 } \\ & \text { (Actual) } \end{aligned}$ | $\begin{gathered} 3 \mathrm{Q} \text { of } \\ \text { FY2013 } \\ \text { (Actual) } \end{gathered}$ | $\begin{array}{\|c\|} \hline \text { 4Q of } \\ \text { FY2013 } \\ \text { (Revised } \\ \text { Forecast) } \\ \hline \end{array}$ | FY2013 <br> (Revised <br> Forecast) |
| Net of extraordinary gain and loss | 20.9 | 1.0 | (17.9) | 4.0 |
| Extraordinary gain | 23.7 | 3.4 | 1.4 | 28.5 |
| Extraordinary loss | (2.8) | (2.4) | (19.3) | (24.5) |
| Restructuring cost | (0.5) | (0.5) | (15.5) | (16.5) |
| Loss on sales and retirement of property, plant and equipment, others | (2.3) | (1.9) | (3.8) | (8.0) |

The forward-looking statements are based largely on company expectations and information available as of the date hereof, and are subject to risks and uncertainties, which may be beyond company control.

Actual results could differ materially due to numerous factors, including without limitation, marketing conditions and the effects of industry competition.


[^0]:    a) Change in other non-operating income (expenses) +3.2 due primarily to foreign exchange gain/loss +6.5

