



Edgar Filing: HITACHI LTD - Form 6-K

Hitachi, Ltd.

(Registrant)

Date January 7, 2004

By /s/ Takashi Hatchoji

Takashi Hatchoji  
Vice President and Executive Officer

HITACHI, LTD. AND SUBSIDIARIES

Consolidated Financial Statements  
and  
Segment Information

Six months ended September 30, 2003

HITACHI

CONSOLIDATED BALANCE SHEETS  
Hitachi, Ltd. and Subsidiaries  
September 30, 2003 and March 31, 2003

	Millions of y	
Assets	September 30, 2003	March 2
Cash and cash equivalents	709,084	828,
Short-term investments (note 3)	254,178	186,
Trade receivables, net of allowance for doubtful receivables and unearned income-		
September 30, 2003 JPY 41,973 million (\$378,135 thousand);		
March 31, 2003 JPY 40,520 million:		
Notes (note 6)	153,017	153,
Accounts (note 6)	1,828,942	1,903,
Inventories (note 4)	1,187,133	1,187,
Deferred income tax assets (current)	296,391	274,
Prepaid expenses and other current assets	248,138	221,
Investment in leases (note 6)	455,485	437,
Investments and advances, including affiliated companies (note 3)	877,763	726,
Property, plant and equipment (note 5):		
Land	433,302	445,

Edgar Filing: HITACHI LTD - Form 6-K

Buildings	1,699,508	1,838,
Machinery and equipment	4,901,036	5,709,
Construction in progress	54,208	67,
	-----	-----
	7,088,054	8,061,
Less accumulated depreciation	4,749,008	5,460,
	-----	-----
Net property, plant and equipment	2,339,046	2,601,
	-----	-----
Deferred income tax assets (non-current)	878,533	976,
Other assets (note 7)	656,763	682,
	-----	-----
	9,884,473	10,179,
	=====	=====

See accompanying notes to consolidated financial statements.

	Millions of	
	September 30,	March
	2003	
Liabilities and Stockholders' Equity		
-----		
Short-term debt	736,583	825
Current installments of long-term debt	620,573	502
Trade payables:		
Notes	62,569	71
Accounts	1,072,833	1,140
Accrued expenses	774,847	799
Income taxes	75,908	54
Advances received	251,287	252
Deferred income tax liabilities (current)	3,022	5
Other current liabilities	335,465	353
Long-term debt	1,345,461	1,512
Retirement and severance benefits	1,909,242	1,932
Deferred income tax liabilities (non-current)	13,564	12
Other liabilities	107,462	112
	-----	-----
Total liabilities	7,308,816	7,574
	-----	-----
Minority interests	750,142	751
Stockholders' equity:		
Common stock	282,032	282
Capital surplus	549,548	562
Legal reserve	108,411	111
Retained earnings	1,652,406	1,655
Accumulated other comprehensive loss:		
Foreign currency translation adjustments	(70,754)	(60)
Minimum pension liability adjustments	(691,794)	(698)
Net unrealized holding gain on available-for-sale		

Edgar Filing: HITACHI LTD - Form 6-K

securities	28,536	4
Cash flow hedges	(946)	
Treasury stock	(31,924)	(1)
	-----	-----
Total stockholders' equity	1,825,515	1,853
Commitments and contingencies (note 10)		
	-----	-----
	9,884,473	10,179
	=====	=====

See accompanying notes to consolidated financial statements.

CONSOLIDATED STATEMENTS OF INCOME  
Hitachi, Ltd. and Subsidiaries  
Six months ended September 30, 2003 and 2002

	Millions of ye	
	2003	2002
	-----	-----
Revenues	4,041,407	3,916,49
Costs of sales	(3,157,976)	(2,969,55
Selling, general and administrative expenses	(863,192)	(885,24
Restructuring charges (note 11)	(10,317)	
Interest income	6,301	6,58
Dividends received	4,233	4,39
Other income (note 12)	101,400	15,73
Interest charges	(16,318)	(17,80
Other deductions (note 12)	(15,035)	(37,13
	-----	-----
Income before income taxes and minority interests	90,503	33,46
Income taxes:		
Current	(71,127)	(57,55
Deferred	(5,052)	41,47
	-----	-----
Total Income taxes	(76,179)	(16,08
Income before minority interests	14,324	17,38
Minority interests	(8,940)	(11,72
	-----	-----
Net income	5,384	5,66
	=====	=====
Net income per share (note 13):		Ye
	-----	-----
Basic	1.63	1.7
Diluted	1.59	1.6

Edgar Filing: HITACHI LTD - Form 6-K

See accompanying notes to consolidated financial statements.

CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY  
Hitachi, Ltd. and Subsidiaries  
Six months ended September 30, 2003 and 2002

	Mil
	----- 2003 -----
Common stock:	
Balance at beginning of period	282,032
Balance at end of period	----- 282,032 =====
Capital surplus:	
Balance at beginning of period	562,214
Conversion of convertible debentures	937
Gain on sale of treasury stock	23
Increase (decrease) arising from issuance of subsidiaries' common stock, divestiture and other	(13,626)
Balance at end of period	----- 549,548 =====
Legal reserve:	
Balance at beginning of period	111,309
Transfers from (to) retained earnings	(2,693)
Transfers to minority interests arising from conversion of subsidiaries' convertible debentures	(108)
Transfers from (to) minority interests arising from issuance of subsidiaries' common stock and other	(97)
Balance at end of period	----- 108,411 =====
Retained earnings:	
Balance at beginning of period	1,655,029
Net income	5,384
Cash dividends	(10,095)
Transfers from (to) legal reserve	2,693
Net transfer to minority interests arising from conversion of subsidiaries' convertible debentures	(1,189)
Net transfer from (to) minority interests arising from change in ownership interest in subsidiaries' common stock and other	584
Balance at end of period	----- 1,652,406 =====
Accumulated other comprehensive loss:	
Foreign currency translation adjustments	
Balance at beginning of period	(60,948)

## Edgar Filing: HITACHI LTD - Form 6-K

Other comprehensive loss, net of reclassification adjustments	(9,459)
Net transfer from minority interests arising from conversion of subsidiaries' convertible debentures	172
Net transfer to minority interests arising from issuance of subsidiaries' common stock and other	(519)
	-----
Balance at end of period	(70,754)
	=====
Minimum pension liability adjustments	
Balance at beginning of period	(698,916)
Other comprehensive income (loss)	5,919
Net transfer from minority interests arising from conversion of subsidiaries' convertible debentures	1,163
Net transfer from minority interests arising from issuance of subsidiaries' common stock and other	40
	-----
Balance at end of period	(691,794)
	=====
Net unrealized holding gain on available-for-sale securities	
Balance at beginning of period	4,874
Other comprehensive income (loss), net of reclassification adjustments	23,610
Net transfer from minority interests arising from conversion of subsidiaries' convertible debentures	31
Net transfer from (to) minority interests arising from issuance of subsidiaries' common stock and other	21
	-----
Balance at end of period	28,536
	=====
Cash flow hedges	
Balance at beginning of period	(535)
Other comprehensive income (loss), net of reclassification adjustments	(426)
Net transfer from minority interests arising from conversion of subsidiaries' convertible debentures	20
Net transfer to minority interests arising from issuance of subsidiaries' common stock and other	(5)
	-----
Balance at end of period	(946)
	=====
Total accumulated other comprehensive loss	(734,958)
	=====
Treasury stock:	
Balance at beginning of period	(1,847)
Acquisition for treasury	(30,166)
Sale of treasury stock	89
	-----
Balance at end of period	(31,924)
	=====
Total stockholders' equity	1,825,515
	=====
Total comprehensive income (loss)	25,028

See accompanying notes to consolidated financial statements.

## Edgar Filing: HITACHI LTD - Form 6-K

CONSOLIDATED STATEMENTS OF CASH FLOWS  
 Hitachi, Ltd. and Subsidiaries  
 Six months ended September 30, 2003 and 2002

	Millions of	
	2003	
<b>Cash flows from operating activities:</b>		
Net income	5,384	5
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation	213,916	226
Deferred income taxes	5,052	(41)
Equity in earnings of affiliated companies	2,245	8
Gain on sale of investments and subsidiaries' common stock	(100,193)	(40)
Impairment of investment in securities	1,983	19
Loss on disposal of rental assets and other property	5,712	4
Income applicable to minority interests	8,940	11
Decrease in receivables	79,253	183
Increase in inventories	(106,587)	(8)
Increase in prepaid expenses and other current assets	(2,507)	(17)
Decrease in payables	(37,821)	(25)
Increase (decrease) in accrued expenses and retirement and severance benefits	63,626	(164)
Increase in accrued income taxes	23,790	
Increase (decrease) in other liabilities	585	(18)
Other	61,215	48
Net cash provided by operating activities	224,593	191
<b>Cash flows from investing activities:</b>		
(Increase) decrease in short-term investments	(68,614)	17
Capital expenditures	(145,310)	(155)
Purchase of assets to be leased	(236,613)	(213)
Collection of investment in leases	197,485	209
Proceeds from disposal of rental assets and other property	52,147	63
Proceeds from sale of investments and subsidiaries' common stock	181,296	98
Purchase of investments and subsidiaries' common stock	(63,896)	(42)
Purchase of software	(51,974)	(63)
Other	(21,700)	(43)
Net cash used in investing activities	(157,179)	(128)
<b>Cash flows from financing activities:</b>		
Decrease in short-term debt	(95,112)	(79)
Proceeds from long-term debt	303,036	163
Payments on long-term debt	(335,337)	(276)
Proceeds from sale of common stock by subsidiaries	619	1
Dividends paid to stockholders	(10,111)	
Dividends paid to minority stockholders of subsidiaries	(6,791)	(6)
Acquisition of common stock for treasury	(30,166)	

## Edgar Filing: HITACHI LTD - Form 6-K

Proceeds from sale of treasury stock	112	
	(173,750)	(197,638)
Net cash used in financing activities		
Effect of exchange rate changes on cash and cash equivalents	(12,751)	(18,389)
	(119,087)	(154,027)
Net decrease in cash and cash equivalents		
Cash and cash equivalents at beginning of period	828,171	1,029,154
	709,084	875,127
Cash and cash equivalents at end of period	709,084	875,127

See accompanying notes to consolidated financial statements.

### HITACHI, LTD. AND SUBSIDIARIES

#### Notes to Consolidated Financial Statements

Six months ended September 30, 2003

(1) Basis of Presentation and Summary of Significant Accounting Policies

(a) Basis of Presentation

Hitachi, Ltd. (the Company) and its domestic subsidiaries maintain their books of account in conformity with the financial accounting standards of Japan, and its foreign subsidiaries in conformity with those of the countries of their domicile.

The consolidated financial statements presented herein have been prepared in a manner and reflect the adjustments which are necessary to conform them with accounting principles generally accepted in the United States of America. Management of the Company has made a number of estimates and assumptions relating to the reporting of assets and liabilities and the disclosure of contingent assets and liabilities to prepare these financial statements. Actual results could differ from those estimates.

(b) Principles of Consolidation

The consolidated financial statements include the accounts of the Company and those of its majority-owned subsidiaries, whether directly or indirectly controlled. Intercompany accounts and significant intercompany transactions have been eliminated in consolidation.

Investments in corporate joint ventures and affiliated companies that are accounted for using the equity method primarily relate to 20% to 50% owned companies to which the Company has the ability to exercise significant influence over operational and financial policies of the investee company. Investments of less than 20% or where the Company does not have significant influence are accounted for using the cost method.

(c) Investment in Securities

The Company classifies investments in securities that have readily determinable fair values and all investments in debt securities in three categories, such as held-to-maturity securities, trading securities and available-for-sale securities.



## Edgar Filing: HITACHI LTD - Form 6-K

Held-to-maturity securities are debt securities that the Company has the positive intent and ability to hold to maturity. Trading securities are debt and equity securities that are bought and held principally for the purpose selling them in the near term. Available-for-sale securities are debt and equity securities not classified as either held-to-maturity securities or trading securities.

Held-to-maturity securities are reported at amortized cost. Trading securities are reported at fair value, with unrealized gains and losses included in earnings. Available-for-sale securities are reported at fair value, with unrealized gains and losses reported in other comprehensive income.

A decline in fair value of any available-for-sale or held-to-maturity security below the amortized cost basis that is deemed to be other than temporary results in a write-down of the amortized cost basis to fair value as a new cost basis and the amount of the write-down is included in earnings.

On a continuous basis, but no less frequently than at the end of each semi-annual period, the Company evaluates the cost basis of an available-for-sale security for possible impairment. Factors considered in assessing whether an indication of other than temporary impairment exists include: the degree of change in ratio of market prices per share to book value per share at date of evaluation compared to that at date of acquisition, the financial condition and prospects of each investee company, industry conditions in which the investee company operates, the fair value of an available-for-sale security relative to the cost basis of the investment, the period of time the fair value of an available-for-sale security has been below the cost basis of the investment and other relevant factors.

The Company evaluates the cost basis of a held-to-maturity security for possible impairment by taking into consideration the financial condition, business prospects and credit worthiness of the issuer.

Impairment to be recognized is measured based on the amount by which the carrying amount of the investment exceeds the fair value of the investment. Fair value is determined based on quoted market prices, projected discounted cash flows or other valuation techniques as appropriate.

On a continuous basis, but no less frequently than at the end of each semi-annual period, the Company evaluates the carrying amount of its ownership interests in investee companies of the equity method and the cost method for possible impairment. Factors considered in assessing whether an indication of other than temporary impairment exists include the achievement of business plan objectives and milestones including cash flow projections and the results of planned financing activities, the financial condition and prospects of each investee company, the fair value of the ownership interest relative to the carrying amount of the investment, the period of time the fair value of the ownership interest has been below the carrying amount of the investment and other relevant factors. Impairment to be recognized is measured based on the amount by which the carrying amount of the investment exceeds the fair value of the investment. Fair value is determined based on quoted

## Edgar Filing: HITACHI LTD - Form 6-K

market prices, projected discounted cash flows or other valuation techniques as appropriate.

The cost of a security sold or the amount reclassified out of accumulated other comprehensive income into earnings was determined by the average method.

(d) Securitization

The Company and certain subsidiaries have securitized certain financial assets such as lease receivables, trade receivables and others. In the securitization process, securitized assets are sold to Special Purpose Entities (SPE) which are funded through the issuance of asset-backed securities to investors. When the Company and its subsidiaries sell the financial assets to the SPE in a securitization transaction, the carrying amount of the financial assets is allocated based on relative fair values to the portions to be retained and sold. The Company and its subsidiaries recognize a gain or loss for the difference between the net proceeds received and the allocated carrying amount of the assets sold when the transaction is consummated.

Fair values are based on the present value of estimated future cash flows which take into consideration various factors such as expected credit loss and others.

(e) Goodwill and Other Intangible Assets

The Company accounts for goodwill and other intangible assets in accordance with Statement of Financial Accounting Standards (SFAS) No.142, "Goodwill and Other Intangible Assets." Goodwill and intangible assets with indefinite useful lives are no longer amortized, but instead are tested for impairment at least annually in accordance with the provisions of this statement. Intangible assets with finite useful lives are amortized over their respective estimated useful lives and are reviewed for impairment in accordance with SFAS No.144, "Accounting for the Impairment or Disposal of Long-Lived Assets."

(f) Capitalized Software Costs

Costs incurred for computer software developed or obtained for internal use are capitalized and amortized on a straight-line basis over their estimated useful lives. In addition, the Company and its subsidiaries develop certain computer software to be sold where related costs are capitalized after establishment of technological feasibility. Such capitalized costs are amortized based on the ratio of each software's expected future revenue to current year's revenue.

(g) Retirement and Severance Benefits

The Company accounts for retirement and severance benefits in accordance with SFAS No. 87, "Employers' Accounting for Pensions." Unrecognized gains and losses are amortized using the straight-line method over the average remaining service period of active employees.

(h) Derivative Financial Instruments

The Company accounts for derivative financial instruments in accordance with SFAS No. 133, "Accounting for Derivative Instruments and Hedging Activities," as amended. SFAS No. 133 requires that all derivative financial instruments, such as forward exchange and interest rate swap contracts, be recognized in the financial

## Edgar Filing: HITACHI LTD - Form 6-K

statements as either assets or liabilities and measured at fair value regardless of the purpose or intent for holding them.

The Company designates and accounts for hedging derivatives as follows:

- . "Fair value" hedge: a hedge of the fair value of a recognized asset or liability or of an unrecognized firm commitment. The changes in fair value of the recognized assets or liabilities or unrecognized firm commitment and the derivatives are recorded in earnings if the hedge is considered highly effective.
- . "Cash flow" hedge: a hedge of a forecasted transaction or of the variability of cash flows to be received or paid related to a recognized asset or liability. The changes in the fair value of the derivatives designated as cash flow hedges are recorded as other comprehensive income if the hedge is considered highly effective. This treatment is continued until earnings are affected by the variability in cash flows or the unrecognized firm commitment of the designated hedged item, at which point changes in fair value of the derivative is recognized in income.
- . "Foreign currency" hedge: a hedge of foreign-currency fair value or cash flow. The changes in fair value of the recognized assets or liabilities or unrecognized firm commitment and the derivatives are recorded as either earnings or other comprehensive income if the hedge is considered highly effective. Recognition as earnings or other comprehensive income is dependent on the treatment of foreign currency hedges as fair value or cash flow hedges.

The Company follows the documentation requirements as prescribed by the standard, which includes risk management objective and strategy for undertaking various hedge transactions. In addition, a formal assessment is made at the hedge's inception and periodically on an ongoing basis, as to whether the derivative used in hedging activities is highly effective in offsetting changes in fair values or cash flows of hedged items. Hedge accounting is discontinued for ineffective hedges, if any. Subsequent changes in the fair value of derivatives related to discontinued hedges are recognized in earnings immediately.

- (i) Revenue Recognition  
Staff Accounting Bulletin No. 101 (SAB 101) expresses certain views of the United States Securities and Exchange Commission (SEC) in applying generally accepted accounting principles to revenue recognition in the financial statements. In accordance with SAB 101, we generally recognize revenue when persuasive evidence of an arrangement exists, delivery has occurred or services are rendered, the sales price is fixed and determinable and collectibility is probable. Our more specific revenue recognition policies based on the type of revenue earned and our product offerings are discussed below.

The Company enters into transactions that include multiple element arrangements which may include any combinations of hardware products, related software products, installment and maintenance. When some elements are delivered prior to others in an arrangement, revenue is deferred until the delivery of the last service element, unless transactions are such that vendor specific objective evidence ("VSOE") of fair value of the undelivered elements is available, the

## Edgar Filing: HITACHI LTD - Form 6-K

functionality of the delivered element is not dependent on the undelivered elements and delivered elements represents the culmination of the earnings process. VSOE is the price charged by the Company to an external customer for the same element when such element is sold separately. The Company allocates revenue on software arrangements involving multiple elements to each element based on its relative fair value.

### Product Sales:

Revenue from sales of these products are recognized when title and risk of loss have been transferred to the customer. Depending upon the terms of the contract or arrangement with the customer, this may occur at the time of shipment, when installation is completed or upon the attainment of customer acceptance. The Company's policy is not to accept product returns unless the products are defective. The conditions of acceptance are governed by the terms of the contract or customer arrangement and those not meeting the predetermined specification are not recorded as revenue. Product warranties are offered on our products and a warranty accrual is established when sales are recognized and is based on estimated future costs of repair and replacement principally using our historical experience of warranty claims.

Price protections are provided to retailers of the Company's consumer products business and others. Price protection is provided to compensate the customers and retailers for decline in product's value due mainly to competition. Price protection granted to our customers is classified as a reduction of revenue on our consolidated statement of income. In addition, it is our policy to accrue reasonably and reliably estimated price adjustment at the later of the date at which the related sales are recognized, or the date at which the price protection is offered. The estimate is made based primarily upon historical experience or agreement on the adjustment rate and the number of units that are subject to such adjustment (e.g., units in distribution channel).

Product revenues which are recognized upon shipment are IT system products, semiconductor manufacturing equipment, test and measurement equipments, construction equipment, displays, disk drives, televisions, air conditioners, batteries, magnetic tapes, high functional materials, cable products and automotive equipment. Product revenues which are recognized upon acceptance or shipment are railway vehicles. Product revenues that are recognized upon acceptance are medical electronic devices, industrial machinery and equipment, nuclear, thermal and hydroelectric power plant, and elevators and escalators.

Revenue from sales of tangible products under long-term construction type arrangements, principally in connection with the construction of nuclear, thermal and hydroelectric power plants, are recognized under the percentage-of-completion method. Under the percentage-of-completion method, revenue is recognized as percentage of estimated total revenue that incurred costs to date bear to estimated total costs after giving effect to estimates of costs to complete based upon most recent information. Any anticipated losses on fixed price contracts are charged to operations when such losses can be estimated. Provisions are made for contingencies (i.e. performance penalty, benchmarking, etc.) in the period in which they become known pursuant to specific contract terms and conditions and are estimable.

## Edgar Filing: HITACHI LTD - Form 6-K

The Company recognizes revenue in accordance with the provisions of Statement of Position No. 97-2, "Software Revenue Recognition" as amended by Statement of Position No. 98-9. Revenue from software consists of software licensing, customized software development and post contract customer support. Revenues from software license arrangements are recognized upon shipment of the software if evidence of the arrangement exists, pricing is fixed and determinable and collectibility is probable. Customized software revenue is recognized upon customer acceptance. Revenue from post contract customer support is amortized over the period of the post contract customer support. Consulting and training services are recognized when the services are rendered.

Our standard software license agreement provides for a limited warranty that the license will operate substantially in accordance with the functionality described in the documentation provided with the products. The standard software license does not provide for right of return. We provide for warranty at the time of revenue recognition using our historical experience of warranty claims. To date such warranty provisions have been insignificant.

### Service Revenues:

Service revenues from maintenance and distribution services are recognized upon completion of service delivery. Revenue from time service contracts is recognized as services are rendered. Revenue from long-term fixed price service contracts such as support or maintenance contracts is recognized ratably over the contractual period. Finance lease income is recognized at level rates of return over the term of the leases. Operating lease income is recognized on a straight-line basis over the term of the lease.

- (j) Treasury Stock  
Treasury stock is accounted for by the cost method.
- (k) Stock-based Compensation  
As of September 30, 2003, the Company has three stock-based employee compensation plans. The Company accounts for those plans under the recognition and measurement principles of Accounting Principles Board Opinion (APB) No. 25, "Accounting for Stock Issued to Employees." No stock-based employee compensation cost is reflected in net income, as all options granted under those plans had an exercise price not less than market value of the underlying common stock on the date of grant.

SFAS No. 123, "Accounting for Stock-based Compensation," prescribes the recognition of compensation expense based on the fair value of options on the grant date and allows continuous application of APB No. 25 if certain pro forma disclosures are made assuming hypothetical fair value method application. The Company elected to continue applying APB No. 25, however, the pro forma effects of applying SFAS No. 123 on net income (loss) and the per share information for the six months ended September 30, 2003 and 2002 were not material.

- (l) Disclosures about Segments of an Enterprise and Related Information  
SFAS No. 131, "Disclosures about Segments of an Enterprise and Related Information," was issued in June 1997. This standard establishes standards for the manner in which a public business enterprise is required to report financial and descriptive

## Edgar Filing: HITACHI LTD - Form 6-K

information about its operating segments. This standard defines operating segments as components of an enterprise for which separate financial information is available and evaluated regularly as a means for assessing segment performance and allocating resources to segments. A measure of profit or loss, total assets and other related information is required to be disclosed for each operating segment. Further, this standard requires the disclosure of information concerning revenues derived from the enterprise's products or services, countries in which it earns revenue or holds assets and major customers. This standard is effective for the Company's fiscal year ended March 31, 1999. However, foreign issuers are presently exempted from the segment disclosure requirements of SFAS No. 131 in Securities Exchange Act filings with SEC, and the Company has not presented the segment information required to be disclosed in the footnotes to the consolidated financial statements under SFAS No. 131.

(m) New Accounting Standards

In January 2003, the FASB issued Interpretation No. 46, "Consolidation of Variable Interest Entities, an interpretation of ARB No. 51." This interpretation addresses the consolidation by business enterprises of variable interest entities as defined in the interpretation. The interpretation applies immediately to variable interests in variable interest entities created and acquired after January 31, 2003. For variable interest in a variable interest entity created before February 1, 2003, the interpretation is applicable no later than the beginning of the first interim or annual reporting period beginning after December 15, 2003. The application of this interpretation did not have a material effect on the Company's consolidated financial statements for the year ended March 31, 2003 and for the six months ended September 30, 2003 and is not expected to have a material effect for the year ending March 31, 2004.

(n) Restatement and Reclassification

In January 2003, the FASB's Emerging Issues Task Force (EITF) Issue No. 03-2, "Accounting for the Transfer to the Japanese Government of the Substitutional Portion of Employee Pension Fund Liabilities" was issued. The Company adopted EITF Issue No. 03-2 and restated previously issued financial statements for the interim period ending September 30, 2002 of that fiscal year. In addition, certain reclassifications have been made to the prior period's consolidated financial statements to conform with the classifications used in the current period's consolidated financial statements.

(2) Basis of Financial Statement Translation

The accompanying consolidated financial statements are expressed in yen and, solely for the convenience of the reader, have been translated into United States dollars at the rate of JPY 111=U.S.\$1, the approximate exchange rate prevailing on the Tokyo Foreign Exchange Market as of September 30, 2003. This translation should not be construed as a representation that all amounts shown could be converted into U.S. dollars.

(3) Investment in Securities

Short-term investments as of September 30, 2003 and March 31, 2003 are as follows:

Edgar Filing: HITACHI LTD - Form 6-K

	Millions of yen	
	September 30, 2003	March 31, 2003
	-----	-----
Investment in securities:		
Available-for-sale securities	91,879	100,288
Held-to-maturity securities	1,237	6,057
Trading securities	161,062	80,627
	-----	-----
Short-term investments	254,178	186,972
	=====	=====

Investments and advances, including affiliated companies as of September 30, 2003 and March 31, 2003 are as follows:

	Millions of yen	
	September 30, 2003	March 31, 2003
	-----	-----
Investment in securities:		
Available-for-sale securities	325,144	297,656
Held-to-maturity securities	1,091	1,487
Securities without readily determinable fair values	80,696	75,860
Investments in affiliated companies	362,033	237,024
Advances and others	108,799	114,415
	-----	-----
Investments and advances, including affiliated companies	877,763	726,442
	=====	=====

The following is a summary of the amortized cost basis, gross unrealized holding gains, gross unrealized holding losses and aggregate fair value of available-for-sale securities by the consolidated balance sheets classification as of September 30, 2003 and March 31, 2003.

	Millions			
	-----			
	September 30,			
	-----			
	Amortized	Gross	Gross	Ag

Edgar Filing: HITACHI LTD - Form 6-K

	cost basis	gains	losses	fai
Short-term investments:				
Debt securities	40,616	44	25	
Other securities	51,258	28	42	
	-----	-----	-----	
	91,874	72	67	
Investments and advances:				
Equity securities	104,127	89,057	3,146	1
Debt securities	117,235	528	3,960	1
Other securities	21,040	303	40	
	-----	-----	-----	
	242,402	89,888	7,146	3
	-----	-----	-----	
	334,276	89,960	7,213	4
	=====	=====	=====	

Thousands of U.S.

	Amortized cost basis	Gross gains	Gross losses	Ag fai
Short-term investments:				
Debt securities	365,910	396	225	
Other securities	461,784	253	379	
	-----	-----	-----	
	827,694	649	604	
Investments and advances:				
Equity securities	938,081	802,315	28,342	1,
Debt securities	1,056,171	4,757	35,676	1,
Other securities	189,549	2,730	360	
	-----	-----	-----	
	2,183,801	809,802	64,378	2,
	-----	-----	-----	
	3,011,495	810,451	64,982	3,
	=====	=====	=====	

Millions

	Amortized cost basis	Gross gains	Gross losses	Ag fai
Short-term investments:				
Debt securities	52,432	61	50	
Other securities	47,897	5	57	
	-----	-----	-----	
	100,329	66	107	
Investments and advances:				



Edgar Filing: HITACHI LTD - Form 6-K

Equity securities	115,999	51,951	8,772
Debt securities	117,394	606	2,484
Other securities	23,033	75	146
	-----	-----	-----
	256,426	52,632	11,402
	-----	-----	-----
	356,755	52,698	11,509
	=====	=====	=====

Debt securities consist mainly of national, local and foreign governmental bonds, debentures issued by banks and corporate bonds. Other securities consist mainly of investment trusts.

The proceeds from sale of available-for-sale securities for the six months ended September 30, 2003 and 2002 are JPY 25,192 million (\$226,955 thousand) and JPY 68,057 million, respectively. The gross realized gains on the sale of those securities for the six months ended September 30, 2003 and 2002 are JPY 8,382 million (\$75,514 thousand) and JPY 25,905 million, respectively, while gross realized losses on the sale of those securities for the six months ended September 30, 2003 and 2002 are JPY 193 million (\$1,739 thousand) and JPY 1,099 million, respectively.

For the six months ended September 30, 2003 and 2002 the amount of the net unrealized holding gain or loss on available-for-sale securities that has been included in accumulated other comprehensive loss is a gain of JPY 47,449 million (\$427,468 thousand) and a loss of JPY 20,247 million, respectively, and the amount of gains and losses reclassified out of accumulated other comprehensive loss is net gain of JPY 5,756 million (\$51,856 thousand) and net gain of JPY 22,594 million, respectively.

Various held-to-maturity securities are held by certain subsidiaries. Gross unrealized holding gains and losses of these securities were not material.

Trading securities consist mainly of investments in trust accounts. The portions of trading losses that relate to trading securities still held at the balance sheet date are not material for the six months ended September 30, 2003 and JPY 1,090 million for the six months ended September 30, 2002.

The contractual maturities of debt securities and other securities classified as Investment and advances in the consolidated balance sheet as of September 30, 2003 are as follows:

	Million		
	September		
	Held-to- maturity	Available- for-sale	To
Due within five years	684	57,087	
Due after five years	407	78,019	
	-----	-----	-----
	1,091	135,106	1
	=====	=====	=====

Thousands of U.S.

Edgar Filing: HITACHI LTD - Form 6-K

	September		
	Held-to- maturity	Available- for-sale	To
Due within five years	6,162	514,297	5
Due after five years	3,667	702,874	7
	9,829	1,217,171	1,2

Expected redemptions may differ from contractual maturities because these securities are redeemable at the option of the issuers.

The aggregate fair values of investments in affiliated companies based on the quoted market price as of September 30, 2003 and March 31, 2003 are JPY 119,264 million (\$1,074,450 thousand) and JPY 179,884 million, respectively. The aggregate carrying amount of such investments as of September 30, 2003 and March 31, 2003 are JPY 108,307 million (\$975,739 thousand) and JPY 127,343 million, respectively.

As of September 30, 2003 and March 31, 2003, recognitions of other than temporary declines in values of investments in certain affiliated companies resulted in the difference of JPY 22,886 million (\$206,180 thousand) and JPY 25,061 million, respectively between the carrying amount and the amount of underlying equity in net assets. In addition, equity method goodwill of JPY 11,145 million (\$100,405 thousand) is included in investments in certain affiliated companies as of September 30, 2003 and March 31, 2003.

(4) Inventories

Inventories as of September 30, 2003 and March 31, 2003 are summarized as follows:

	Millions of yen		Thousan U.S. do
	September 30, 2003	March 31, 2003	Septemb
Finished goods	370,242	373,317	3,3
Work in process	657,574	646,932	5,9
Raw materials	159,317	167,280	1,4
	1,187,133	1,187,529	10,6

(5) Leases

The Company and certain subsidiaries are lessors of manufacturing machinery and equipment under operating leasing arrangements with terms ranging from 3 to 6 years.

Machinery and equipment at cost under operating leases and accumulated depreciation as of September 30, 2003 amounted to JPY 1,259,661 million (\$11,348,297 thousand) and JPY 948,662 million (\$8,546,505 thousand),

## Edgar Filing: HITACHI LTD - Form 6-K

respectively. The leased assets are recorded at cost and depreciated using the straight-line method over their estimated useful lives.

The following table shows the future minimum lease receivables of non-cancelable operating leases as of September 30, 2003:

Years ending September 30 -----	Millions of yen -----	Thousands of U.S. dollars -----
2004	63,331	570,549
2005	50,709	456,838
2006	34,725	312,838
2007	16,756	150,955
2008	7,720	69,550
Thereafter	10,463	94,261
	-----	-----
Total minimum payments to be received	183,704	1,654,991
	=====	=====

The Company and certain subsidiaries lease certain manufacturing machinery and equipment under operating leasing arrangements.

In March 2003, the Company entered into a sale and lease back agreement for its headquarter land and building for a total proceeds of JPY 40,000 million. The lease back is classified as an operating lease with a term of thirty-eight months. A part of the gain on sale of JPY 8,551 million which represents the present value of the minimum lease payments over the lease term has been deferred and will be recognized over the lease term.

The following table shows the future minimum lease payments of non-cancelable operating leases as of September 30, 2003:

Years ending September 30 -----	Millions of yen -----	Thousands of U.S. dollars -----
2004	9,771	88,027
2005	6,916	62,306
2006	4,393	39,577
2007	1,851	16,676
2008	1,236	11,135
Thereafter	5,360	48,288
	-----	-----
Total minimum lease payments	29,527	266,009
	=====	=====

### (6) Securitization

For the six months ended September 30, 2003 and 2002, Hitachi Capital Corporation (HCC), a financing subsidiary, transferred lease receivables. In these transactions, HCC sold mainly lease receivables to Special Purpose Entities (SPE), and the SPE issued asset-backed commercial papers to investors. The investors and the SPE have no recourse to HCC's other assets for failure of debtors to pay when due. HCC retained servicing

## Edgar Filing: HITACHI LTD - Form 6-K

responsibilities and subordinated interests, but has not recorded a servicing asset or liability since the cost to service the receivables approximates the servicing income. The retained interests are not material and subordinate to investor's interests. For the six months ended September 30, 2003 and 2002, gains recognized on the transfer of lease receivables amounted to JPY 5,885 million (\$53,018 thousand) and JPY 4,064 million, respectively.

The table below summarizes certain cash flows received from and paid to the SPE during the six months ended September 30, 2003 and 2002:

	Millions of yen	
	September 30, 2003	September 30, 2002
Proceeds from transfer of lease receivables	128,216	124,010
Servicing fees received	10	14
Purchases of delinquent or ineligible assets	(3,701)	(3,936)

Quantitative information about delinquencies, net credit losses, and components of lease receivables subject to transfer and other assets managed together as of and for the six months ended September 30, 2003 are as follows:

	Million		
	September		
	Total principal amount of receivables	Principal amount of receivables 90 days or more past due	Net cr loss
Total assets managed or transferred:			
Lease receivables	907,843	1,035	1,4
Assets transferred	(452,358)		
Assets held in portfolio	455,485		

	Thousands of U.S.		
	September		
	Total principal amount of receivables	Principal amount of receivables 90 days or more past due	Net

## Edgar Filing: HITACHI LTD - Form 6-K

Total assets managed or transferred:				
Lease receivables	8,178,765		9,324	12,
Assets transferred	(4,075,297)			
	-----			
Assets held in portfolio	4,103,468			
	=====			

For the six months ended September 30, 2003 and 2002, the Company and certain subsidiaries sold trade receivables mainly through the SPE which securitized these receivables. In these securitizations, the Company and certain subsidiaries retained servicing responsibility. No servicing asset or liability has been recorded because the fees for servicing the receivable approximate the related costs. In addition, the Company and certain subsidiaries retained subordinated interests which were not material.

During the six months ended September 30, 2003 and 2002, proceeds from transfer of trade receivables were JPY 482,051 million (\$4,342,802 thousand) and JPY 531,191 million, respectively and losses recognized on those transfers were JPY 1,389 million (\$12,514 thousand) and JPY 1,267 million, respectively.

### (7) Goodwill and Other Intangible Assets

Intangible assets excluding goodwill acquired during the six months ended September 30, 2003 and 2002 amounted to JPY 88,585 million (\$798,063 thousand) and JPY 82,889 million, respectively, and related amortization expense during the six months ended September 30, 2003 and 2002 amounted to JPY 54,294 million (\$489,135 thousand) and JPY 40,061 million, respectively. The main component of intangible assets subject to amortization was capitalized software. Amortization of capitalized computer software costs for software to be sold, leased or otherwise marketed is charged to cost of sales.

Intangible assets excluding goodwill as of September 30, 2003 and March 31, 2003 are presented below:

	September 30, 2003			
	Gross carrying amount	Accumulated amortization	Net carrying amount	Gross carrying amount
Amortized intangible assets				
Software	300,826	191,464	109,362	288,066
Software for internal use	298,086	133,169	164,917	290,204
Other	147,769	50,925	96,844	153,130
	746,681	375,558	371,123	731,400
Unamortized intangible assets	14,561	-	14,561	13,603

Edgar Filing: HITACHI LTD - Form 6-K

Thousands of U.S. dollars			
September 30, 2003			
	Gross carrying amount	Accumulated amortization	Net carrying amount
Amortized intangible assets			
Software	2,710,144	1,724,901	985,243
Software for internal use	2,685,460	1,199,721	1,485,739
Other	1,331,252	458,784	872,468
	<u>6,726,856</u>	<u>3,383,406</u>	<u>3,343,450</u>
Unamortized intangible assets	131,180	-	131,180

The changes in the carrying amount of goodwill for the six months ended September 30, 2003 and 2002 are as follows:

	March 31, 2003	Acquired during the period	Impairment loss	Decrease from divestiture	Trans adju and
Goodwill	60,317	7,496	(1,169)	(8,232)	
Goodwill	543,396	67,532	(10,532)	(74,162)	
Goodwill	27,299	8,232	-	-	

(8) Restricted Assets

The Company and its subsidiaries provide their investment in certain subsidiaries as collateral for bank loans of JPY 7,103 million (\$63,991 thousand). The collateralized number of shares and their fair values as of September 30, 2003 are as follows:

Edgar Filing: HITACHI LTD - Form 6-K

Subsidiary name	Number of shares owned in thousand	Percent of ownership	Collateralized number of shares in thousand
Hitachi Capital Corporation	71,043	56.2%	6,800
Hitachi Maxell, Ltd.	51,526	52.1%	400
Hitachi Powdered Metals Co., Ltd.	17,072	53.3%	3,700

In accordance with Trustee agreements for the unsecured convertible debentures series 7th, the 11,981,000 shares of investments in Hitachi Software Engineering Co., Ltd. and the 48,400,000 shares of investments in Hitachi High-Technologies Co., Ltd. are held in trust. As of September 30, 2003, the fair values of the shares held in trust are JPY 40,136 million (\$361,586 thousand) and JPY 77,101 million (\$694,604 thousand), respectively.

(9) Dividend Restriction

Pursuant to the terms of the indentures under which the unsecured convertible debentures due in 2004 were issued, accumulated cash dividends (including interim dividends) paid by the Company for the fiscal years beginning after March 31, 1989 may not exceed accumulated net income in the audited consolidated statements of income for the fiscal years beginning after March 31, 1989 plus JPY 65,000 million (\$585,586 thousand) as long as these debentures are outstanding. In determining the accumulated cash dividends, interim cash dividends to be paid on and after April 1, 1990 are considered to be a part of the cash dividends of the previous fiscal year. As of March 31, 2003, the accumulated cash dividends and the accumulated net income including JPY 65,000 million (\$585,586 thousand), which are defined by the above terms, amounted to JPY 419,072 million (\$3,775,423 thousand) and JPY 452,233 million (\$4,074,171 thousand), respectively.

(10) Commitments and Contingencies

The Company and its operating subsidiaries are contingently liable for loan guarantees to its affiliates in the amount of approximately JPY 31,956 million (\$287,892 thousand) as of September 30, 2003.

Hitachi Capital Corporation (HCC), a financing subsidiary of the Company, provides guarantees to financial institutions for extending loans to customers of HCC. As of September 30, 2003, the undiscounted maximum potential future payments under such guarantees amounted to JPY 577,226 million (\$5,200,234 thousand) of which JPY 142,459 million (\$1,283,414 thousand) is covered by consumer credit insurance. The Company has accrued JPY 4,732 million (\$42,631 thousand) as an obligation to stand ready to perform over the term of the guarantees.

HCC provides certain revolving lines of credit to its credit card holders in accordance with the terms of the credit card business customer service contracts. Furthermore, HCC provides credit facilities to parties in accordance with the service agency business contracts from which temporary payments on behalf of such parties are made. In addition, the Company provides a loan commitment to an affiliated company.

## Edgar Filing: HITACHI LTD - Form 6-K

The outstanding balance of the revolving lines of credits, credit facilities and loan commitments as of September 30, 2003 is as follows:

	Millions of yen	Thousands of U.S. dollars
Total commitment available	666,341	6,003,072
Amount utilized	(5,047)	(45,468)
Balance available	661,294	5,957,604

A portion of the revolving lines of credit which are pending credit approval cannot be utilized.

The Company and certain of its subsidiaries hold line of credit arrangements with banks in order to secure source of working capital. The unused line of credit as of September 30, 2003 amounted to JPY 179,345 million (\$1,615,721 thousand).

The Company and its subsidiaries generally warrant its products over respective warranty periods. The accrued product warranty costs are based primarily on historical experience of actual warranty claims. Change in accrued product warranty cost for the six months ended September 30, 2003 is as follows:

	Millions of yen	Thousands of U.S. dollars
Balance at beginning of the period	105,297	948,621
Addition	21,858	196,919
Utilization	(23,507)	(211,775)
Other	(1,374)	(12,378)
Balance at end of the period	102,274	921,387

It is common practice in Japan for companies, in the ordinary course of business, to receive promissory notes in the settlement of trade accounts receivable and to subsequently discount such notes to banks or to transfer them by endorsement to suppliers in the settlement of accounts payable.

As of September 30, 2003 and March 31, 2003, the companies were contingently liable for trade notes discounted and endorsed in the following amounts:

	Millions of yen	Thousands of U.S. dollars
September 30, 2003	March 31, 2003	September 30, 2003



Edgar Filing: HITACHI LTD - Form 6-K

Notes discounted	4,212	3,639	37,946
Notes endorsed	18,158	24,924	163,586
	-----	-----	-----
	22,370	28,563	201,532
	=====	=====	=====

The Company and certain subsidiaries are subject to several legal proceedings and claims which have arisen in the ordinary course of business and have not been finally adjudicated. These actions when ultimately concluded and determined will not, in the opinion of the management, have a material adverse effect on the financial position and results of operations of the Company and certain subsidiaries.

(11) Restructuring charges

Certain losses incurred in the reorganization of the certain subsidiaries' operations are considered as restructuring charges. Components and related amounts of the restructuring charges, before the related tax effects, for the six months ended September 30, 2003 and 2002 are as follows:

	Millions of yen	
	September 30, 2003	September 30, 2002
	-----	-----
Special termination benefits	3,357	-
Loss on disposal of fixed assets	6,960	-
	-----	-----
Total restructuring charges	10,317	-
	=====	=====

Certain subsidiaries provided special termination benefits to those employees voluntarily leaving the companies. The accrued special termination benefits were recognized at the time voluntary termination was offered and benefits accepted by the employees. An analysis of the accrued special termination benefits for the six months ended September 30, 2003 and 2002 are as follows:

	Millions of y	
	September 30, 2003	September 3 20
	-----	-----
Balance at beginning of the period	-	114,2
New charges	3,357	
(number of employees to be terminated)	518	
Cash payments	(1,593)	(113,1
(number of employees actually terminated)	345	9,9
Foreign currency translation adjustment	-	(
	-----	-----
Balance at end of the period	1,764	1,1
	=====	=====

## Edgar Filing: HITACHI LTD - Form 6-K

The following represent significant restructuring activities for the six months ended September 30, 2003 by business line:

1. Digital Media & Consumer Products division restructured its consumer products plants and related distribution network in order to address the general weakness in consumer demand for consumer products in mostly Japan. The accrued special termination benefits newly charged amounted to JPY 2,177 million (\$19,613 thousand). The liabilities for special termination benefits in the amount of JPY 1,764 million (\$15,892 thousand) will be paid by March 2004. Total restructuring charges amounted of JPY3,011 million (\$27,126 thousand).
  
2. High Functional Materials & Components division mainly restructured the semiconductor packaging materials field because the business environment took a far more dramatic downturn than expected in Japan. The accrued special termination benefits newly charged amounted to JPY 1,180 million (\$10,631 thousand) and were paid by September 30, 2003. Total restructuring charges amounted of JPY 7,306 million (\$65,820 thousand).

### (12) Other Income and Other Deductions

"Other income" for the six months ended September 30, 2003 includes net gain on securities in the amount of JPY 97,957 million (\$882,495 thousand). "Other deductions" for the six months ended September 30, 2003 includes foreign currency transaction loss of JPY 12,216 million (\$110,054 thousand) and a loss of JPY 2,245 million (\$20,225 thousand) of equity in earning of affiliated companies.

"Other income" for the six months ended September 30, 2002 includes net gain on securities in the amount of JPY 14,027 million. "Other deductions" for the six months ended September 30, 2002, the Company and certain subsidiaries recorded a net periodic benefit cost of JPY 12,410 million which were generated as the result of adopting EITF Issue No.03-2 "Accounting for the Transfer to the Japanese Government of the Substitutional Portion of Employee Pension Fund Liabilities". "Other deductions" for the six months ended September 30, 2002 includes foreign currency transaction loss of JPY 15,712 million and a loss of JPY 8,425 million of equity in earnings of affiliated companies.

### (13) Net Income Per Share Information

The reconciliations of the numbers and the amounts used in the basic and diluted net income per share computations for the six months ended September 30, 2003 and 2002 are as follows:

	-----	Number
September 30,	-----	Sept
2003	-----	2002
-----	-----	-----
Weighted average number of shares on which basic net income per share is calculated	3,309,174,874	3,330,000,000
Effect of dilutive securities:		
6th series convertible debentures	-	
7th series convertible debentures	-	
Stock option	31,184	
Number of shares on which diluted net income	-----	-----

Edgar Filing: HITACHI LTD - Form 6-K

per share is calculated 3,309,206,058 3,33  
===== =====

	September 30, 2003	Septemb
	-----	-----
		Millions
Net income applicable to common stockholders	5,384	
Effect of dilutive securities:		
6th series convertible debentures	-	
7th series convertible debentures	-	
Other	(137)	
	-----	-----
Net income on which diluted net income per share is calculated	5,247	
	=====	=====
Net income per share:		
	-----	-----
Basic	1.63	
Diluted	1.59	

The net income per share computation for the six months ended September 30, 2003 and 2002 excludes 6th and 7th series convertible debentures because their effect would have been antidilutive. In addition, 6th series convertible debentures were redeemed in September 2003.

(14) Derivative Instruments and Hedging Activities

Overall risk profile

The major manufacturing bases of the Company and its subsidiaries are located in Japan and Asia. The selling bases are located globally, and the Company and its subsidiaries generate approximate 35% of their sales from overseas. These sales are mainly denominated in U.S. dollar or Euro. As a result, the Company and its subsidiaries are exposed to market risks from changes in foreign currency exchange rate.

The financing subsidiaries in London, New York and Singapore issue U.S. dollar denominated, variable rate, medium-term notes mainly through the Euro markets to finance its overseas long-term operating capital. As a result, the Company and its subsidiaries are exposed to market risks from changes in foreign currency exchange rate and interest rate.

The Company and its subsidiaries are also exposed to credit-related losses in the event of non-performance by counterparties to derivative financial instruments, but it is not expected that any counterparties will fail to meet their obligations, because most of the counterparties are internationally recognized financial institutions and contracts are diversified into a number of major financial institutions.

Risk management policy

The Company and its subsidiaries assess foreign currency exchange rate risk and interest rate risk by continually monitoring changes in these exposures and by evaluating hedging opportunities. It is the Company's principal

## Edgar Filing: HITACHI LTD - Form 6-K

policy that the Company and its subsidiaries do not enter into derivative financial instruments for speculation purposes.

### Foreign currency exchange rate risk management

The Company and its subsidiaries have assets and liabilities which are exposed to foreign currency exchange rate risk and, as a result, they enter into forward exchange contracts and cross currency swap agreements for the purpose of hedging these risk exposures.

In order to fix the future net cash flows principally from trade receivables and payables recognized, which are denominated in foreign currencies, the Company and its subsidiaries on a monthly basis measure the volume and due date of future net cash flows by currencies. In accordance with their policy, a certain portion of measured net cash flows is covered using forward exchange contracts, which principally mature within one year.

The Company and its subsidiaries enter into cross currency swap agreements with the same maturities as underlying debts to fix cash flows from long-term debts denominated in foreign currencies. The hedging relationship between the derivative financial instrument and its hedged item is highly effective in achieving offsetting changes in foreign currency exchange rates.

### Interest rate risk management

The Company's and certain subsidiaries' exposure to interest rate risk is related principally to long-term debt obligations. Management believes it is prudent to minimize the variability caused by interest rate risk. To meet this objective, the Company and certain subsidiaries principally enter into interest rate swaps to manage fluctuations in cash flows. The interest rate swaps enter into receive-variable, pay-fixed interest rate swaps. Under the interest rate swaps, the Company and certain subsidiaries receive variable interest rate payments on long-term debt associated with medium-term notes and make fixed interest rate payments, thereby creating fixed interest rate long-term debt.

The Company and certain financing subsidiaries mainly finance a portion of their operations by long-term debt with fixed interest rate and lend funds at variable interest rate. Therefore, such companies are exposed to interest rate risk. Management believes it is prudent to minimize the variability caused by interest rate risk. To meet this objective, the Company and certain financing subsidiaries principally enter into interest rate swaps converting the fixed rate to the variable rate to manage fluctuations in fair value resulting from interest rate risk. Under the interest rate swaps, the Company and certain financing subsidiaries receive fixed interest rate payments associated with medium-term notes and make variable interest rate payments, thereby creating variable-rate long-term debt.

The hedging relationship between the interest rate swaps and its hedged item is highly effective in achieving offsetting changes in cash flows and fair value resulting from interest rate risk.

### Fair value hedge

Changes in fair value of both recognized assets and liabilities, and derivative financial instruments designated as fair value hedges of these assets and liabilities are recognized in other income (deductions). Derivative financial instruments designated as fair value hedges include forward exchange contracts associated with operating transactions, cross currency swap agreements and interest rate swaps associated with financing transactions.

## Edgar Filing: HITACHI LTD - Form 6-K

Interest charges for the six months ended September 30, 2003 includes losses of JPY 448 million (\$4,036 thousand) which represents the component excluded from the assessment of hedge effectiveness.

### Cash flow hedge

#### Foreign Currency Exposure

Changes in fair value of forward exchange contracts designated and qualifying as cash flow hedges of forecasted transactions and recognized assets and liabilities are reported in accumulated other comprehensive income (AOCI). These amounts are reclassified into earnings in the same period as the hedged items affect earnings.

The sum of the amount of the hedging ineffectiveness and net gain or loss excluded from the assessment of hedge effectiveness is not material for the six months ended September 30, 2003 and 2002.

As of September 30, 2003, the maximum length of time over which the Company and its subsidiaries are hedging their exposure to the variability in future cash flows associated with foreign currency forecasted transactions is approximately 56 months.

#### Interest Rate Exposure

Changes in fair values of interest rate swaps designated as hedging instruments for the variability of cash flows associated with long-term debt obligations are reported in AOCI. These amounts subsequently are reclassified into interest charges as a yield adjustment in the same period in which the hedged debt obligations affect earnings.

Interest charges for the six months ended September 30, 2003 and 2002 includes losses of JPY 244 million (\$2,198 thousand) and losses of JPY 87 million, respectively, which represents the component excluded from the assessment of hedge effectiveness. And interest charges for the six months ended September 30, 2003 includes losses of JPY 127 million (\$1,144 thousand) which represents the component of the hedging ineffectiveness.

The contract or notional amounts of derivative financial instruments held as of September 30, 2003 and March 31, 2003 are summarized as follows:

	Millions of yen	
	September 30, 2003	March 31, 2003
Forward exchange contracts:		
To sell foreign currencies	142,898	187,093
To buy foreign currencies	57,138	27,584
Cross currency swap agreements:		
To sell foreign currencies	34,441	51,789
To buy foreign currencies	125,599	128,717
Interest rate swaps	477,525	484,961
Option contracts	14,596	828

### (15) Fair Value of Financial Instruments

The following methods and assumptions are used to estimate the fair values

## Edgar Filing: HITACHI LTD - Form 6-K

of financial instruments:

### Investment in securities

The fair value of investment in securities is estimated based on quoted market prices for these or similar securities.

### Long-term debt

The fair value of long-term debt is estimated based on quoted market prices or the present value of future cash flows using the companies' incremental borrowing rates for similar borrowing arrangements.

Cash and cash equivalents, Trade receivables, Short-term debt and Trade payables The carrying amount approximates the fair value because of the short maturity of these instruments.

### Derivative financial instruments

The fair values of forward exchange contracts, cross currency swap agreements, interest rate swaps and option contracts are estimated on the basis of the market prices of derivative financial instruments with similar contract conditions.

The carrying amounts and estimated fair values of the financial instruments as of September 30, 2003 and March 31, 2003 are as follows:

	September 30, 2003		
	Carrying amounts	Estimated fair values	Carryi amoun
Investment in securities:			
Short-term investments	254,178	254,178	186,97
Investments and advances	326,235	326,238	299,14
Derivatives (Assets):			
Forward exchange contracts	4,576	4,576	66
Cross currency swap agreements	563	563	27
Interest rate swaps	1,793	1,793	1,92
Option contracts	8	8	1
Long-term debt	(1,966,034)	(1,986,080)	(2,014,73
Derivatives (Liabilities):			
Forward exchange contracts	(401)	(401)	(1,33
Cross currency swap agreements	(6,486)	(6,486)	(3,04
Interest rate swaps	(4,104)	(4,104)	(3,85
Option contracts	(59)	(59)	(

Thousands of U.S. dollars

	September 30, 2003	
	Carrying amounts	Estimated fair values
Investment in securities:		
Short-term investments	2,289,892	2,289,892
Investments and advances	2,939,054	2,939,081

## Edgar Filing: HITACHI LTD - Form 6-K

Derivatives (Assets):		
Forward exchange contracts	41,225	41,225
Cross currency swap agreements	5,072	5,072
Interest rate swaps	16,153	16,153
Option contracts	72	72
Long-term debt	(17,712,018)	(17,892,613)
Derivatives (Liabilities):		
Forward exchange contracts	(3,613)	(3,613)
Cross currency swap agreements	(58,432)	(58,432)
Interest rate swaps	(36,973)	(36,973)
Option contracts	(532)	(532)

It is not practicable to estimate the fair value of investments in unlisted common stock because of the lack of a market price and difficulty in estimating fair value without incurring excessive cost. The carrying amounts of these investments at September 30, 2003 and March 31, 2003 totaled JPY 80,696 million (\$726,991 thousand) and JPY 75,860 million, respectively.

### (16) Merger and Acquisition

On May 28, 2002, the Company signed a share exchange agreement with Hitachi Unisia Automotive, Ltd., former UNISIA JECS Corporation (UJ), to assume full ownership of UJ by exchanging 0.197 shares of the Company's common stock for each share of UJ common stock outstanding. The Company and UJ obtained third party valuations of the respective share prices which were used as a basis in negotiating the share exchange ratio. On October 1, 2002, the Company issued 25,143,245 shares of common stock, in the amount of JPY 23,635 million based on the quoted market price of JPY 940 per share as of the announcement date, April 18, 2002, for exchange with the UJ registered shareholders as of September 30, 2002.

UJ manufactures automotive systems and components that support every area of basic vehicle function. The Company has strategically targeted the automotive products business and the purpose of making UJ a wholly owned subsidiary is to further expand this business.

The effects of the acquisition to the balance sheet as of October 1, 2002 are as follows:

	Millions of yen -----
Current assets	68,427
Non-current assets	121,248
Goodwill	10,435
Current liabilities	(99,453)
Non-current liabilities	(76,120)
Net assets acquired	(23,635)
Net assets previously acquired	(902)

On a pro forma basis, revenue, net income and the per share information of the Company, with assumed acquisition dates for UJ of April 1, 2002 and 2001, respectively, would not differ materially from the amount reported in the accompanying consolidated financial statements as of and for the years ended March 31, 2003 and 2002.

## Edgar Filing: HITACHI LTD - Form 6-K

On December 31, 2002, the Company purchased a majority ownership in a company to which hard disk drive operations and related intellectual property portfolio had been transferred from International Business Machines Corp. (IBM) for a total cash purchase price, subject to adjustment, of JPY 243,480 million. This purchase price adjustment may reduce the purchase price and the amount of goodwill recorded upon acquisition. The purchase price is payable in three installments, of which the first installment payment was paid on December 31, 2002 with the remaining payments due in December 2003 and 2005.

On January 1, 2003, this company began operating as Hitachi Global Storage Technologies Netherlands B.V. (HGST). HGST offers full array of hard-disk and this acquisition complemented and expanded the Company's product portfolio, production capacity, research and development and distribution channel globally.

Upon closing, the Company obtained full voting rights to HGST and, as a result, has consolidated all of its assets and liabilities in the consolidated balance sheet, with the remaining installment payments recorded as liabilities.

The effects of this purchase as of December 31, 2002 are as follows:

	Millions of yen
Current assets	106,357
Non-current assets	184,326
Goodwill	13,653
Current liabilities	(24,737)
Non-current liabilities	(32,159)
Net assets acquired	(247,440)

The purchase price upon closing is as follows:

	Millions of yen
Cash paid to IBM as of December 31, 2002	169,680
Cash to be paid to IBM	73,800
Direct acquisition costs	3,960
	-----
Total purchase price	247,440
	=====

In-process research and development assets amounting to JPY 2,787 million have been acquired as part of the purchase and have been written off at the date of acquisition as these assets are considered as not having alternative use. The write-off has been recorded as selling, general and administrative expenses.

On a pro forma basis, revenue, net loss and the per share information of the Company, with assumed acquisition dates of April 1, 2002 and 2001, respectively, are as follows:



Edgar Filing: HITACHI LTD - Form 6-K

	Millions of yen	
	2003	2002
Revenue	8,541,202	8,480,778
Net loss	(149,891)	(529,055)

	Yen	
	2003	2002
Basic net loss	(44.72)	(158.50)
Diluted net loss	(44.84)	(158.50)

(17) Divestiture of Semiconductor & Integrated Circuits operation

On April 1, 2003, Renesas Technology Corp., which focuses on system LSI (Large Scale Integration) operation, was incorporated through a corporate split procedure, where Semiconductor & Integrated Circuits operations of the Company and Mitsubishi Electric Corporation were spun-off. Renesas Technology Corp. was capitalized with JPY 50,000 million through the issuance of 5,000,000 shares of common stock. The Company and Mitsubishi Electric Corporation received 2,750,000 shares and 2,250,000 shares, respectively. Renesas Technology Corp. is accounted for under the equity method by the Company as major decisions require consensus between the Company and Mitsubishi Electric Corporation in accordance with the joint venture agreement and assets and liabilities of the operations will be excluded from the consolidated balance sheet. Total assets and net assets of the operations as of April 1, 2003 amounted to approximately JPY 596,118 million and JPY 147,443 million, respectively.

SEGMENT INFORMATION

Industry Segments

Hitachi, Ltd. and Subsidiaries

Six months ended September 30, 2003 and 2002

	Millions of yen	
	2003 (A)	2002 (B)
Sales:		
Information & Telecommunication Systems	1,053,279 (22%)	878,230 (18%)
Electronic Devices	607,529 (13%)	766,417 (16%)
Power & Industrial Systems	1,073,439	1,068,101

Edgar Filing: HITACHI LTD - Form 6-K

	(22%)	(22%)
Digital Media & Consumer Products	585,411 (12%)	597,689 (12%)
High Functional Materials & Components	622,206 (13%)	613,061 (12%)
Logistics, Services & Others	612,969 (13%)	700,613 (14%)
Financial Services	267,923 (5%)	293,321 (6%)
Subtotal	4,822,756 (100%)	4,917,432 (100%)
Eliminations & Corporate items	(781,349)	(1,000,941)
Total	4,041,407	3,916,491
Operating Income (Loss):		
Information & Telecommunication Systems	5,399 (15%)	42,167 (53%)
Electronic Devices	3,675 (11%)	(7,918) (-10%)
Power & Industrial Systems	7,935 (23%)	11,111 (14%)
Digital Media & Consumer Products	728 (2%)	5,747 (7%)
High Functional Materials & Components	9,233 (26%)	9,042 (11%)
Logistics, Services & Others	(397) (-1%)	1,457 (2%)
Financial Services	8,195 (24%)	18,653 (23%)
Subtotal	34,768 (100%)	80,259 (100%)
Eliminations & Corporate items	(14,529)	(18,571)
Total	20,239	61,688

- Notes: 1. Net sales by industry segment include intersegment transactions.  
2. SEGMENT INFORMATION is disclosed in accordance with a ministerial ordinance under the Securities and Exchange Law of Japan.  
3. In order to be consistent with financial reporting principles and practices generally accepted in Japan, operating income (loss) is presented as net sales less cost of sales and selling, general and administrative expenses. The Company believes that this is useful to investors in comparing the company's financial results with those of other Japanese companies. Under accounting principles generally

## Edgar Filing: HITACHI LTD - Form 6-K

accepted in the United States of America, restructuring charges, net gain or loss on sale and disposal of rental assets and other property, impairment losses, special termination benefits and the losses resulting from the adoption of EITF Issue No. 03-2 "Accounting for the Transfer to the Japanese Government of the Substitutional Portion of Employee Pension Fund Liabilities" are included as part of operating income (loss). See the consolidated statements of income and notes 11 and 12 to the consolidated financial statements.

4. The figures in this information are expressed in yen and, solely for the convenience of the reader, have been translated into United States dollars at the rate of JPY 111=U.S.\$1, the approximate exchange rate prevailing on the Tokyo Foreign Exchange Market as of September 30, 2003.

Geographic Segments  
Hitachi, Ltd. and Subsidiaries  
Six months ended September 30, 2003 and 2002

	Millions of yen	
	2003 (A)	2002 (B)
<b>Sales:</b>		
Japan		
Outside customer sales	2,964,920	3,003,621
	(64%)	(65%)
Intersegment transactions	413,478	501,040
	(9%)	(11%)
Total	3,378,398	3,504,661
	(73%)	(76%)
Asia		
Outside customer sales	455,943	312,220
	(10%)	(7%)
Intersegment transactions	144,482	168,355
	(3%)	(3%)
Total	600,425	480,575
	(13%)	(10%)
North America		
Outside customer sales	399,425	394,660
	(9%)	(9%)
Intersegment transactions	12,890	19,434
	(0%)	(0%)
Total	412,315	414,094
	(9%)	(9%)
Europe		
Outside customer sales	182,461	177,056
	(4%)	(4%)
Intersegment transactions	19,622	12,281
	(0%)	(0%)
Total	202,083	189,337
	(4%)	(4%)
Other Areas		

Edgar Filing: HITACHI LTD - Form 6-K

Outside customer sales	38,658	28,934
	(1%)	(1%)
Intersegment transactions	1,155	1,323
	(0%)	(0%)
Total	39,813	30,257
	(1%)	(1%)
Subtotal	4,633,034	4,618,924
	(100%)	(100%)
Eliminations	(591,627)	(702,433)
Total	4,041,407	3,916,491

	Millions of yen		U
	2003 (A)	2002 (B)	
Operating Income (Loss):			
Japan	37,208	65,775	
	(79%)	(78%)	
Asia	(513)	7,740	
	(-1%)	(9%)	
North America	1,714	3,037	
	(4%)	(4%)	
Europe	7,188	6,442	
	(15%)	(8%)	
Other Areas	1,368	748	
	(3%)	(1%)	
Subtotal	46,965	83,742	
	(100%)	(100%)	
Eliminations & Corporate items	(26,726)	(22,054)	
Total	20,239	61,688	

Sales by Market  
Hitachi, Ltd. and Subsidiaries  
Six months ended September 30, 2003 and 2002

	Millions of yen		U
	2003 (A)	2002 (B)	
Japan	2,636,362	2,633,108	
	(65%)	(67%)	

Edgar Filing: HITACHI LTD - Form 6-K

Outside Japan			
Asia	553,783	498,594	
	(14%)	(13%)	
North America	428,218	426,980	
	(11%)	(11%)	
Europe	303,458	262,185	
	(7%)	(7%)	
Other Areas	119,586	95,624	
	(3%)	(2%)	
Subtotal	1,405,045	1,283,383	
	(35%)	(33%)	
Total	4,041,407	3,916,491	
	(100%)	(100%)	