

CONFIDENTIAL



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13FCONP 2/14/06

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UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 13F-HR
FORM 13F COVER PAGE

Report for the Calendar Year or Quarter Ended: 12/31/04

Check here if Amendment [] ; Amendment Number: _____
This Amendment (Check only one.): [] is a restatement.
[] adds new holdings entries.

Institutional Investment Manager Filing this Report:

Name: CIBC World Markets Corp
Address: 622 Third Avenue, 9th Floor
New York, NY 10017

13F File Number: 028-06918

The institutional investment manager filing this report and the person by whom it is signed hereby represent that the person signing the report is authorized to submit it, that all information contained herein is true, correct and complete, and that it is understood that all required items, statements, schedules, lists, and tables, are considered integral parts of this form.

Person Signing this Report on Behalf of Reporting Manager:

Name: Vince Saponar
Title: Executive Director
Phone: 212-667-6239

Signature, Place, and Date of Signing:

Vince M Saponar
[Signature] NEW YORK, NY 02/14/05
[City, State] [date]

Report Type (Check only one):

[X] 13F HOLDINGS REPORT. (Check here if all holdings of this reporting manager are reported in this report.)

[] 13F NOTICE. (Check here if no holdings reported are in this report, and all holdings are reported by other reporting manager(s).)

[] 13F COMBINATION REPORT. (Check here if a portion of the holdings for this reporting manager are reported in this report and a portion are reported by other reporting manager(s).)

PROCESSED
APR 24 2006
THOMSON
FINANCIAL

CONFIDENTIAL TREATMENT EXPIRES

CONFIDENTIAL TREATMENT REQUESTED

List of Other Managers Reporting for this Manager: NONE

FORM 13F SUMMARY PAGE

Report Summary:

Number of Other Included Managers: 0
Form 13F Information Table Entry Total: 59
Form 13F Information Table Value Total: \$ 156,225 (thousands)

List of Other Included Managers: NONE

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Table with columns: NAME OF ISSUES, FORM 13F (ITEM 1), FORM 13F (ITEM 2), NAME OF REPORTING MANAGER (ITEM 3), CIBC WORLD MARKETS CORP. (ITEM 4), SHARES OR PRINCIPAL AMOUNT (ITEM 5), FAIR MARKET VALUE (ITEM 6), INVESTMENT DISCRETION (ITEM 7), DATE DEC04 (ITEM 8), VOTING AUTHORITY (ITEM 9). Rows include AUDIODES LTD, ASIA INTL N V, FLEXTRONICS INTL LTD, etc.

FINISAR	31787A101	225,608	99,387	99,387	99,387
FTSHER SCIENTIFIC INTL INC	338032204	2,966,613	47,580	47,580	47,580
GENZYME CORP	372917A04	7,488,720	7,025,000	7,025,000	7,025,000
GRAFTECH INTL LTD	384313AB8	650,296	703,000	703,000	703,000
HILTON HOTELS CORP	432848109	290,944	12,800	12,800	12,800
HUMAN GENOME SCIENCES INC	44903AH1	325,787	335,000	335,000	335,000
INCYTE CORP	45337CAE2	3,931,927	3,475,000	3,475,000	3,475,000
INTERMUNE INC	45884XAC7	2,554,170	3,000,000	3,000,000	3,000,000
INTERNATIONAL RECTIFIER CORP	460254AE5	1,836,439	1,844,000	1,844,000	1,844,000
INVITROGEN CORP	46185RAD2	5,225,667	5,213,000	5,213,000	5,213,000
INVITROGEN CORP	46185RAJ9	2,783,851	2,300,000	2,300,000	2,300,000
IVAX CORP	465823102	230,242	14,600	14,600	14,600
KING PHARMACEUTICALS INC	495582AG3	336,690	348,000	348,000	348,000
LSI LOGIC CORP	50216LAG7	2,482,777	2,489,000	2,489,000	2,489,000
LTX CORP	502392AE3	1,857,108	1,883,000	1,883,000	1,883,000
LINCARE HLDGS INC	53279JAB6	550,530	516,000	516,000	516,000
MILLENNIUM CHEMICALS INC	599903AB7	6,187,087	2,750,000	2,750,000	2,750,000
NAVISTAR FINL CORP	638902AM8	1,782,040	1,738,000	1,738,000	1,738,000
PSS WORLD MED INC	69366AAB6	2,061,640	2,000,000	2,000,000	2,000,000
PHELPS DODGE CORP	717265508	6,721,065	32,500	32,500	32,500
PRIDE INTL INC DEL	741530A88	565,917	444,000	444,000	444,000
PROVINCE HEALTHCARE CO	743977AE0	5,782,076	5,695,000	5,695,000	5,695,000
RPM INTL INC	749685103	633,080	32,300	32,300	32,300
RADISYS CORP	750459AD1	4,300,280	4,000,000	4,000,000	4,000,000
REGENERON PHARMACEUTICALS	75886FAB3	964,154	999,000	999,000	999,000
ROPER INDS INC NEW	776696AA4	4,426,170	9,394,000	9,394,000	9,394,000
SCIENTIFIC GAMES CORP	80874PI09	779,877	32,713	32,713	32,713
SERENA SOFTWARE INC	817492AB7	6,751,249	5,728,000	5,728,000	5,728,000
SILICON VY BANCSHARES	827064AC0	5,755,488	4,176,000	4,176,000	4,176,000
PAGE TOTAL	51	132,244,893			

PAGE: 2 FORM 13F NAME OF REPORTING MANAGER: CIBC WORLD MARKETS CORP. DATE DEC04 (ITEM 1) (ITEM 2) (ITEM 3) (ITEM 4) (ITEM 5) (ITEM 6) (ITEM 7) (ITEM 8) VOTING AUTHORITY

NAME OF ISSUES	TITLE OF CLASS	FAIR MARKET VALUE	SHARES OR PRINCIPAL AMOUNT	INVESTMENT DISCRETION			MGR	VOTING AUTHORITY		
				SOLE (A)	SHARED DEFINED (B)	SHARED OTHER (C)		SOLE (A)	SHARED (B)	NONE (C)
UNIVERSAL HLTH SVCS INC	DBCV	3,698,128	6,308,000	6,308,000				6308,000		
VEECO INSTRS INC DEL	NOTE	2,217,645	2,250,000	2,250,000				2250,000		
VERTEX PHARMACEUTICALS INC	NOTE	1,500,537	1,559,000	1,559,000				1559,000		
VISHAY INTERTECHNOLOGY INC	NOTE	2,985,387	4,955,000	4,955,000				4955,000		
VISHAY INTERTECHNOLOGY INC	COM	861,250	57,455	57,455				57,455		
WMS INDS INC	NOTE	6,717,261	3,645,000	3,645,000				3645,000		
WEBMD CORP	NOTE	3,437,814	3,336,000	3,336,000				3336,000		
WEBMD CORP	NOTE	2,561,925	2,955,000	2,955,000				2955,000		
PAGE TOTAL	8	23,979,947								
GRAND TOTAL	59	156,224,840								

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