

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

FORM 13F-HR
FORM 13F COVER PAGE

NOT PUBLIC

P 8/16/04

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04053299

Report for the calendar year or quarter ended: 12/31/03

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: 417 Fifth Avenue, Fourth Floor
New York, NY 10016

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:

[Signature] NEW YORK, NY 02/6/04 [Date]
[City, State]

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).)

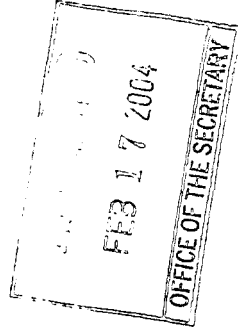
List of Other Managers Reporting for this Manager: NONE

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FORM 13F SUMMARY PAGE

Page 1

CONFIDENTIAL THOMSON FINANCIAL REPORT



CONFIDENTIAL TREATMENT EXPIRES

PROCESSED

FEB 04 2005

THOMSON
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Report Summary:

Number of Other Included Managers: 0
 Form 13F Information Table Entry Total: 80
 Form 13F Information Table Value Total: \$ 113,913
 (thousands)

List of Other Included Managers: NONE

<TABLE>

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PAGE: 1		FORM 13F	NAME OF REPORTING MANAGER: CIBC WORLD MARKETS CORP.		(ITEM 4)	(ITEM 5)	INVESTMENT DISCRETION			(ITEM 6)	(ITEM 7)	DATE DEC03		(ITEM 8)	
(ITEM 1)			(ITEM 2)	(ITEM 3)	(ITEM 4)	(ITEM 5)	VOTING AUTHORITY								
NAME OF ISSUES		TITLE OF CLASS	CUSIP NO	FAIR MARKET VALUE	SHARES OR PRINCIPAL AMOUNT	SOLE (A)	SHARED DEFINED (B)	SHARED OTHER (C)	MGR	SOLE (A)	SHARED (B)	NONE (C)			
ASML HLDG NV	N Y SH	ORD	N07059111	141,522	7,062	7,062				7,062		7,062			
FLEXTRONICS INTL LTD			Y2573F102	752,302	50,900	50,900				50,900		50,900			
ACXIOM CORP		NOTE	005125AB5	1,229,004	1,050,000	1,050,000				1,050,000		1,050,000			
ADVANCED MICRO DEVICES INC		DBCV	007903AE7	1,899,712	1,859,000	1,859,000				1,859,000		1,859,000			
AFFYMETRIX INC		NOTE	008267AB4	50,835	50,000	50,000				50,000		50,000			
AGNICO EAGLE MINES LTD		SDCV	008474AB4	1,286,098	1,166,000	1,166,000				1,166,000		1,166,000			
ALLERGAN INC		COM	018490102	130,390	1,700	1,700				1,700		1,700			
AMAZON COM INC		NOTE	023135AF3	9,602,357	9,543,000	9,543,000				9,543,000		9,543,000			
AMERICAN TOWER CORP		NOTE	029912AB8	282	300	300				300		300			
AMERISOURCE HEALTH CORP		NOTE	03071PAD4	1,906,394	1,588,000	1,588,000				1,588,000		1,588,000			
AMKOR TECHNOLOGY INC		NOTE	03162ZAH3	25,125	25,000	25,000				25,000		25,000			
AON CORP		DBCV	037389AT0	26,005	21,000	21,000				21,000		21,000			
AXCELIS TECHNOLOGIES INC		NOTE	054540AB5	1,204,935	1,245,000	1,245,000				1,245,000		1,245,000			
BROCADE COMMUNICATIONS SYS I		NOTE	111621AB4	4,525,859	5,002,000	5,002,000				5,002,000		5,002,000			
BROOKS AUTOMATION INC		NOTE	11434AAB6	80,300	80,000	80,000				80,000		80,000			
CKE RESTAURANTS INC		NOTE	12561EAB1	529,000	529,000	529,000				529,000		529,000			
CV THERAPEUTICS INC		NOTE	126667AB0	8,886,064	9,827,000	9,827,000				9,827,000		9,827,000			
CEPHALON INC		COM	161133103	55,495	10,258	10,258				10,258		10,258			
CHARMING SHOPPES INC		SDCV	162825AB9	1,026,873	979,000	979,000				979,000		979,000			
CHECKPOINT SYS INC		NOTE	171779AA9	506,000	550,000	550,000				550,000		550,000			
CIENA CORP		NOTE	203668108	547,342	20,600	20,600				20,600		20,600			
COMMUNITY HEALTH SYS INC NEW		COM	204925AC5	8,515,457	9,250,000	9,250,000				9,250,000		9,250,000			
COMPUTER NETWORK TECHNOLOGY		NOTE	23126RAC5	870,000	1,000,000	1,000,000				1,000,000		1,000,000			
CURAGEN CORP		SDCV	23272AE7	727,807	630,000	630,000				630,000		630,000			
CYMER INC		NOTE	232572AE7	1,162,341	764,000	764,000				764,000		764,000			
CYPRESS SEMICONDUCTOR CORP		NOTE	232806AH2	1,162,341	764,000	764,000				764,000		764,000			
DUANE READE INC		NOTE	263578AC0	141,875	250,000	250,000				250,000		250,000			
EDO CORP		NOTE	281347AD6	650,034	600,000	600,000				600,000		600,000			
ENZON PHARMACEUTICALS INC		NOTE	293904AB4	34,800	40,000	40,000				40,000		40,000			
FEI CO		NOTE	30241LAB5	19,800	20,000	20,000				20,000		20,000			
FEI CO		COM	30241LAB5	82,880	3,700	3,700				3,700		3,700			
FAIR ISAAC CORP		COM	303250104	280,155	5,700	5,700				5,700		5,700			
FORD MTR CO CAP TR II		PED TR	345395206	4,786,181	85,800	85,800				85,800		85,800			
FREEMPORT-MCMORAN COPPER & GO		NOTE	35671DAF2	652,720	220,000	220,000				220,000		220,000			
FREEMPORT-MCMORAN COPPER & GO		NOTE	35671DAK1	240,166	145,000	145,000				145,000		145,000			

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