NOVA MEASURING INSTRUMENTS LTD Form SC 13D/A December 18, 2003

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

SCHEDULE 13D

Rule 13d-101 Information to be Included in Statements Filed pursuant to Rule 13d-1(a) and Amendments Thereto Filed Pursuant to Rule 13d-2(a) (Amendment No. 2)*

	NOVA MEASURING INSTRUMENTS LTD.
(Name of Issuer)	
(Title of Class of Securities)	ORDINARY SHARES, PAR VALUE NIS 0.01 PER SHARE
(Title of Class of Securities)	
-	M7516K103
(CUSIP Number)	
	Matti Tiber, Adv.
	Clal Electronics Industries Ltd. 3 Azrieli Center, Triangle Tower
	Tel Aviv, 67023
	Tel: 972-3-6075794
	Israel

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

D	ecember	2	2003	
17	ecember	Ζ.	2005	

(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition which is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(e), 13d-1(f) or 13d-1(g), check the following box

Note:

Schedules filed in paper format shall include a signed original and five copies of the Schedule, including all exhibits. See Rule 13d-7(b) for other parties to whom copies are to be sent.

*

The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP N	Jo. M7516K103							
1	I.R.S. IDENTIFIC	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS Clal Electronics Industries Ltd. (no U.S. I.D. number)						
2	CHECK THE APPORT A GROUP *	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP * (b) "						
3	SEC USE ONLY							
4	SOURCE OF FUN Not Applicable	SOURCE OF FUNDS* Not Applicable						
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2 (D) OR 2 (E) "							
6	CITIZENSHIP OR PLACE OF ORGANIZATION 6 Israel							
		7	SOLE VOTING 0	POWER				

	MBER OF SHARES	8	SHARED VOTIN 2,823,584 shares	NG POWER	
	BENEFICIALLY OWNED BY EACH 9		SOLE DISPOSITIVE POWER 0		
	PORTING SON WITH	10	SHARED DISPO 2,823,584 shares	SITIVE POWER	
11	AGGREGATE AND PERSON 2,823,584 shares	MOUNT BENEFIC	IALLY OWNED BY EACH REPORTING		
12	CHECK BOX IF ' EXCLUDES CER	ГНЕ AGGREGAT TAIN SHARES*	E AMOUNT IN R	OW (11)	
13	PERCENT OF CI 18.60%	ASS REPRESENT	ED BY AMOUN	T IN ROW (11)	
14	TYPE OF REPOR CO	TING PERSON*			
		*SEE INSTRU	CTIONS BEFORE	E FILLING OUT!	
		THE COVER PAC IE SCHEDULE, AND			
			SCHEDULE 131)	
CUSIP No	o. M7516K103				
		RTING PERSONS ATION NO. OF A			
1	Clal Industries and	l Investments Ltd. (no U.S. I.D. numb	per)	
2	CHECK THE AP OF A GROUP *	PROPRIATE BOX	IF A MEMBER	(a) x (b) "	
3					
4	SOURCE OF FUI Not Applicable	NDS*			
5	CHECK BOX IF	DISCLOSURE OF IS REQUIRED PU 2 (E)			
	CITIZENSHIP OI	R PLACE OF ORG	ANIZATION		

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6	Israel					
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING		7	SOLE VOTING POWER 0			
		8	SHARED VOTING POWER 2,823,584			
		9	SOLE DISPOSITIVE POWER 0			
PER	SON WITH	10	SHARED DISPOSITIVE POWER 2,823,584			
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,823,584					
12		CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*				
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 18.60%					
	TYPE OF REPORTING PERSON* CO					
14						

*SEE INSTRUCTIONS BEFORE FILLING OUT!

INCLUDE BOTH SIDES OF THE COVER PAGE, RESPONSES TO ITEMS 1-7 (INCLUDING EXHIBITS) OF THE SCHEDULE, AND THE SIGNATURE ATTESTATION.

CUSIP No	o. M7516K103					
NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS						
1	IDB Development Corporation Ltd. (no U.S. I.D. number)					
	CHECK THE APPROOF A GROUP *	OPRIATE BOX IF A MEMBER	(a) x			
2			(b) "			
3	SEC USE ONLY					
4	SOURCE OF FUND	S*				

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	Not Applicable					
5			OF LEGAL PROCEEDINGS IS EMS 2 (D) OR 2 (E)			
6	CITIZENSHIP OI Israel	R PLACE OF OI	RGANIZATION			
NU	JMBER OF	7	SOLE VOTING POWER 0			
BEN	SHARES EFICIALLY WNED BY	8	SHARED VOTING POWER 2,823,584			
	EACH EPORTING	9	SOLE DISPOSITIVE POWER 0			
PER	SON WITH	10	SHARED DISPOSITIVE POWER 2,823,584			
11	AGGREGATE AI PERSON 2,823,584	MOUNT BENEI	FICIALLY OWNED BY EACH REPORTING			
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*					
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 18.60%					
14	TYPE OF REPOR	TING PERSON	*			

*SEE INSTRUCTIONS BEFORE FILLING OUT!

INCLUDE BOTH SIDES OF THE COVER PAGE, RESPONSES TO ITEMS 1-7 (INCLUDING EXHIBITS) OF THE SCHEDULE, AND THE SIGNATURE ATTESTATION.

CUSIP 1	No. M7516K103							
	NAME OF REPORT	ING PERSONS						
	I.R.S. IDENTIFICATION	NO. OF ABOVE PERSONS						
1	IDD Halding Company							
	IDB Holding Corpora	tion Ltd. (no U.S. I.D. number)	<u> </u>					
			(a)) x					

2	CHECK THE APPOPER A GROUP *	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP * (b) "					
3	SEC USE ONLY						
4	SOURCE OF FUN Not Applicable	NDS*					
5			OF LEGAL PROCEEDINGS IS EMS 2 (D) OR 2 (E)				
6	CITIZENSHIP OI Israel	R PLACE OF O	RGANIZATION				
N	SOLE VOTING POWER NUMBER OF 7 0						
	SHARES NEFICIALLY WNED BY	8	SHARED VOTING POWER 2,823,584				
	EACH EPORTING	9	SOLE DISPOSITIVE POWER 0				
PEl	RSON WITH	10	SHARED DISPOSITIVE POWER 2,823,584				
11	AGGREGATE AI PERSON 2,823,584						
12		CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*					
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 18.60%						
14	TYPE OF REPOR	RTING PERSON	1 *				

*SEE INSTRUCTIONS BEFORE FILLING OUT!

INCLUDE BOTH SIDES OF THE COVER PAGE, RESPONSES TO ITEMS 1-7 (INCLUDING EXHIBITS) OF THE SCHEDULE, AND THE SIGNATURE ATTESTATION.

EUSIP No. M7516K103		
NAME OF REPORT I.R.S. IDENTIFICAT	NG PERSONS ION NO. OF ABOVE PERSONS	S

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1	Nochi Dankner					
2	CHECK THE APPROPRIATE BOX IF A MEMBER (a)) x (b) "					
3	SEC USE ONLY					
4	SOURCE OF FUN Not Applicable	IDS*			•	
5			OF LEGAL PROCEE EMS 2 (D) OR 2 (E)	EDINGS IS		
6	CITIZENSHIP OR Israel	R PLACE OF O	RGANIZATION			
	MBER OF	7	SOLE VOTING POWER 0			
BEN	SHARES EFICIALLY WNED BY	8	SHARED VOTING POWER 2,823,584			
	EACH PORTING	9	SOLE DISPOSITIVE POWER 0			
PER	SON WITH	10	SHARED DISPO 2,823,584	SITIVE POWE	R	
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,823,584					
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*					
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 18.60%					
14	TYPE OF REPOR IN	TING PERSON	1*			

*SEE INSTRUCTIONS BEFORE FILLING OUT!

INCLUDE BOTH SIDES OF THE COVER PAGE, RESPONSES TO ITEMS 1-7 (INCLUDING EXHIBITS) OF THE SCHEDULE, AND THE SIGNATURE ATTESTATION.

CUSIP No	o. M7516K103					
	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS					
1	Shelly Dankner-Berg	gman				
2	CHECK THE APPR OF A GROUP *	OPRIATE BO	OX IF A MEMBER	(a)) x		
_				(b) "		
	SEC USE ONLY					
3						
4	SOURCE OF FUND Not Applicable	OS*				
5	CHECK BOX IF DI REQUIRED PURSU		OF LEGAL PROCEE EMS 2 (D) OR 2 (E)	EDINGS IS 		
6	CITIZENSHIP OR I Israel	PLACE OF O	RGANIZATION			
	MBER OF	7	SOLE VOTING POWER 0			
BEN	SHARES EFICIALLY WNED BY	8	SHARED VOTING POWER 2,823,584			
	EACH PORTING	9	SOLE DISPOSITIVE POWER 0			
PER	SON WITH	10	SHARED DISPO 2,823,584	SITIVE POWER		
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,823,584					
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*					
13	PERCENT OF CLA 18.60%	SS REPRESE	NTED BY AMOUN	T IN ROW (11)		
14	TYPE OF REPORTING PERSON* IN					

*SEE INSTRUCTIONS BEFORE FILLING OUT!

INCLUDE BOTH SIDES OF THE COVER PAGE, RESPONSES TO ITEMS 1-7 (INCLUDING EXHIBITS) OF THE SCHEDULE, AND THE SIGNATURE ATTESTATION.

CUSIP No	o. M7516K103			
	NAME OF REPOR		ONS OF ABOVE PERSONS	S
1	Avraham Livnat			
2	CHECK THE APPROPRIATE BOX IF A MEMBER (a)) x OF A GROUP * (b) "			
3	SEC USE ONLY			
4	SOURCE OF FUNDS* Not Applicable			
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2 (D) OR 2 (E) "			
6	CITIZENSHIP OR PLACE OF ORGANIZATION Israel			
NUMBER OF 7 0 SHARES BENEFICIALLY 8 SHARED VOTE 2 823 584		SOLE VOTING	POWER	
		8	SHARED VOTING POWER 2,823,584	
	WNED BY EACH PORTING	9	SOLE DISPOSITIVE POWER 0	
PERSON WITH		10	SHARED DISPOSITIVE POWER 2,823,584	
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,823,584			
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*			
13	PERCENT OF CLA 18.60%	ASS REPRES	ENTED BY AMOUN	T IN ROW (11)
14	TYPE OF REPORT IN	ING PERSO	N*	

*SEE INSTRUCTIONS BEFORE FILLING OUT!

INCLUDE BOTH SIDES OF THE COVER PAGE, RESPONSES TO ITEMS 1-7 (INCLUDING EXHIBITS) OF THE SCHEDULE, AND THE SIGNATURE ATTESTATION.

SCHEDULE 13D

	NAME OF REPOR		ONS F ABOVE PERSONS	3
1	Ruth Manor			
2	OF A GROUP *			(a)) x (b) "
3	SEC USE ONLY			(b)
4	SOURCE OF FUN Not Applicable	NDS*		
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2 (D) OR 2 (E)			
6	CITIZENSHIP OR PLACE OF ORGANIZATION Israel			
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING		7	SOLE VOTING POWER 0	
		8	SHARED VOTING POWER 2,823,584	
		9	SOLE DISPOSITIVE POWER 0	
PER	SON WITH	10	SHARED DISPOSITIVE POWER 2,823,584	
11	AGGREGATE AN PERSON 2,823,584	MOUNT BENE	FICIALLY OWNED	BY EACH REPORTING
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*			
13	PERCENT OF CL 18.60%	ASS REPRES	ENTED BY AMOUN	T IN ROW (11)
14	TYPE OF REPOR IN	TING PERSO	/J*	

*SEE INSTRUCTIONS BEFORE FILLING OUT!

INCLUDE BOTH SIDES OF THE COVER PAGE, RESPONSES TO ITEMS 1-7 (INCLUDING EXHIBITS) OF THE SCHEDULE, AND THE SIGNATURE ATTESTATION.

This Amendment No. 2 amends Item 5 of the Statement on Schedule 13D, as amended, previously filed with the Securities and Exchange Commission by certain of the Reporting Persons with respect to the ordinary shares, par value New Israeli Shekel 0.01 per share, of Nova Measuring Instruments Ltd. Capitalized terms used in this Amendment No. 2 without definition have the meanings assigned to them in the Schedule 13D, as amended.

Item 5. Interest in Securities of the Issuer

(1) The Issuer advised the Reporting Persons that there were 15,182,348 Ordinary Shares outstanding as of December 10, 2003. The percentages of Ordinary Shares outstanding set forth above in this Item 5 are based on this number.

During the period from November 20, 2003 through December 10, 2003, Clal Electronics made the following sales of Ordinary Shares of the Issuer, totaling 255,500 Ordinary Shares, at prices ranging from \$6.500 to \$7.600 per share, all of which were made in open market transactions on the NASDAQ:

<u>Date</u>	Amount of Ordinary Shares	Price Per Share (US \$)
November 20, 2003	25,000	6.830
November 21, 2003	6,500	6.500
November 21, 2003	1,000	6.600
November 25, 2003	22,800	6.500
November 25, 2003	800	6.510
November 25, 2003	200	6.550
November 26, 2003 November 27, 2003	600 2,360	6.500 6.500
December 1, 2003	1,619	6.500
December 1, 2003	1,326	6.520
December 1, 2003	487	6.540
December 1, 2003	1,100	6.560
December 1, 2003	100	6.561
December 1, 2003	200	6.620
December 1, 2003	100	6.690
December 1, 2003	100	6.700
December 2, 2003	17,800	6.600

December 2, 2003	5,000	6.610
December 2, 2003	600	6.620
December 2, 2003	2,700	6.630
December 2, 2003	1,600	6.640
December 2, 2003	2,430	6.650
December 2, 2003	10,100	6.660
December 2, 2003	10,478	6.700
December 2, 2003	9,406	6.720
December 2, 2003	2,900	6.730
December 2, 2003	400	6.640
December 2, 2003	11,694	6.760
December 2, 2003	10,600	6.900
December 2, 2003	1,987	6.910
December 2, 2003	3,400	6.920
December 2, 2003	4,613	6.930
December 2, 2003	5,000	6,960
December 2, 2003	500	7.000
December 3, 2003	20,000	7.034
December 3, 2003	2,000	7.050
December 3, 2003	3,000	7.100
December 3, 2003	2,500	7.150
December 3, 2003	2,000	7.200
December 3, 2003	2,500	7.250
December 3, 2003	2,000	7.300
December 3, 2003	3,000	7.350
December 3, 2003	3,000	7.400
December 3, 2003	2,000	7.450
December 3, 2003	10,330	7.500
December 3, 2003	2,000	7.550
December 3, 2003	670	7.600
December 4, 2003	3,000	6.900
December 4, 2003	2,000	6.950
December 8, 2003	640	6.660
December 8, 2003	620	6.650
December 8, 2003	13,740	6.620
December 8, 2003	6,100	6.570
December 8, 2003	8,900	6.500

As of December 10, 2003, Clal Electronics was the direct owner of 2,823,584 Ordinary Shares of the Issuer, constituting approximately 18.60% of the Ordinary Shares of the Issuer.

As of December 10, 2003, IDB Holding, IDB Development, Clal Industries and the Reporting Persons who are natural persons may be deemed to share the power to vote and dispose of the 2,823,584 Ordinary Shares held by Clal Electronics, constituting approximately 18.60% of the Ordinary Shares.

Signature

After reasonable inquiry and to the best of knowledge and belief of the undersigned, the undersigned hereby certify that the information set forth in this Statement is true, complete and correct.

Dated: December 2, 2003,

CLAL ELECTRONICS INDUSTRIES LTD.
CLAL INDUSTRIES AND INVESTMENTS LTD.
IDB DEVELOPMENT CORPORATION LTD.
IDB HOLDING CORPORATION LTD.
NOCHI DANKNER

SHELLY DANKNER-BERGMAN AVRAHAM LIVNAT RUTH MANOR

By: IDB HOLDING CORPORATION LTD.

By: <u>S/</u>

Zehavit Joseph and Arthur Caplan

Zehavit Joseph and Arthur Caplan, authorized signatories of IDB Holding Corporation Ltd. for itself and on behalf of Clal Electronics Industries Ltd., Clal Industries and Investments Ltd., IDB Development Corporation Ltd., Nochi Dankner, Shelly Dankner-Bergman, Avraham Livnat and Ruth Manor pursuant to the agreements annexed to Amendment No. 1 to Schedule 13D as exhibits 5-11, as filed.

Exhibit 1 (Information provided as of December 10, 2003 in response to Items 2 through 6 of Schedule 13D) Executive Officers and Directors of Clal Industries and Investments Ltd.

Address is: 3 Azrieli Center, Triangle Tower, Tel Aviv 67023, Israel (citizenship the same as country of residence unless otherwise noted)

Name and Address	<u>Position in Clal Industries</u>	Principal Occupation
Nochi Dankner 3 Azrieli Center, Triangular Tower, Tel Aviv, Israel	Chairman of the Board	Business Manager, Chairman and Director of Companies
Shelly Dankner-Bergman 12 Recanati St, Ramat-Aviv Gimel Tel-Aviv 69494, Israel	Director	Director of Companies

Zvi Livnat Director and Co-CEO Vice President of Taavura 3 Azrieli Center, **Holdings** Triangular Tower, Tel Aviv, Israel Director and Co-CEO Avi Fischer Partner in Fischer, Behar, 3 Azrieli Center, Chen & Co. law firm, Chairman of Ganden Triangular Tower, Tourism & Aviation Ltd.. Tel Aviv, Israel Vice-Chairman of Ganden Holdings Ltd., Director of Companies Isaac Manor* Director Chairman of the Board of 26 Hagderot St. Savion, **Automobile Companies** Israel Dori Manor* Director CEO of Automobile 18 Hareches St. Savion, Companies Israel Lior Hannes Director CEO of Ganden Tourism & Aviation Ltd., Director 3 Azrieli Center, of Companies Triangular Tower, Tel Aviv, Israel Refael Bisker Director CEO of Ganden Real Estate Ltd., Chairman & 46 Rothschild Blvd., 22nd **Director of Companies** floor Tel-Aviv 66883, Israel Darko Horvat** Director Founder, owner and president of Aktiva group 20 Kensington Park Gardens, London W113HD, UK Mark Schimmel*** Director **Director of Companies** 54-56 Euston St. London NW1 U.K. Yecheskel Dovrat Director Economics consultant & Director of Companies 1 Nachshon St. Ramat Hasharon, Israel

Eliahu Cohen 3 Azrieli Center, Triangular Tower, Tel Aviv, Israel	Director	Director and Chief Executive Officer of IDB Holding and IDB Development
David Leviatan 18 Mendele Street Herzelia, Israel	Director	Director of Companies
Nachum Langental 3a Jabotinski Street, Ramat Gan, Israel	External Director	Director of Companies
Aliza Rotbard 6, Rosenblum Street; #6101 Sea & Sun Tel Aviv, Israel	External Director	CEO of DOORS Information Systems, Inc.
Azri Gonen 3 Azrieli Center, Triangular Tower, Tel Aviv, Israel	Executive Vice President	Executive Vice President of Clal Industries
Nitsa Einan 3 Azrieli Center, Triangular Tower, Tel Aviv, Israel	Vice President and General Counsel	General Counsel of Clal Industries
Gil Milner 3 Azrieli Center, Triangular Tower, Tel Aviv, Israel	Vice President and Controller	Controller of Clal Industries
Gonen Bieber ****	Vice President and Finance Manager	Finance Manager
3 Azrieli Center, Triangular Tower, Tel Aviv, Israel	T mance Manager	of Clal Industries
Guy Rosen 3 Azrieli Center, Triangular Tower,	Special Assistant to the CEO	Special Assistant to the CEO of Clal Industries

Tel Aviv, Israel

Boaz Simons Special Assistant to Special Assistant to the CEO of Clal Industries the CEO

Triangular Tower, Tel Aviv, Israel

- * Mr. Isaac Manor and Mr. Dori Manor are dual citizens of Israel and France.
- ** Mr. Darko Horvat is a citizen of Slovenia.
- *** Mr. Mark Schimmel is a citizen of Great Britain.
- *** Mr. Gonen Bieber is a dual citizen of Israel and the Republic of Germany.

Based on the information provided to the Reporting Persons, during the past five years, none of the persons listed above has been convicted, or is subject to a judgment, decree or final order, in any of the legal proceedings enumerated in Items 2 (d) and 2 (e) of Schedule 13D.

Exhibit 2

(Information provided as of December 10, 2003 in response to Items 2 through 6 of Schedule 13D)

Executive Officers and Directors of
Clal Electronics Industries Ltd.

Address is: 3 Azrieli Center, Triangle Tower, Tel Aviv 67023, Israel (citizenship the same as country of residence unless otherwise noted)

Name and Address	Position	Principal Occupation
Gil Milner 3 Azrieli Center, Triangular Tower, Tel Aviv, Israel	Director and Controller	Controller of Clal Industries
Gonen Bieber *	Director and Finance Manager	Finance Manager of Clal Industries
3 Azrieli Center, Triangular Tower, Tel Aviv, Israel		
Nitsa Einan 3 Azrieli Center, Triangular Tower, Tel Aviv, Israel	General Counsel	General Counsel of Clal Industries

* Mr. Gonen Bieber is a dual citizen of Israel and the Republic of Germany.

Based upon information provided to the Reporting Persons, during the past five years, none of the persons listed above has been convicted, or is subject to a judgment, decree or final order, in any of the legal proceedings enumerated in Items 2 (d) and 2 (e) of Schedule 13D.

Exhibit 3

(Information provided as of December 10, 2003 in response

to Items 2 through 6 of Schedule 13D)
Executive Officers, Directors and Persons Controlling
IDB Holding Corporation Ltd.
Address is: 3 Azrieli Center, Triangular Tower, Tel Aviv 67023, Israel (citizenship the same as country of residence unless otherwise noted)

Name and Address	Position	Principal Occupation
Nochi Dankner 3 Azrieli Center, Triangular Tower, Tel Aviv, Israel	Chairman of the Board	Business Manager, Chairman and Director of Companies
Shelly Dankner-Bergman 12 Recanati St, Ramat-Aviv Gimel Tel-Aviv 69494, Israel	Director	Director of Companies
Zvi Livnat 3 Azrieli Center, Triangular Tower, Tel Aviv, Israel	Director	Co-CEO of Clal Industries, Vice President of Taavura Holdings
Avi Fischer 3 Azrieli Center, Triangular Tower, Tel Aviv, Israel	Director	Co-CEO of Clal Industries, Partner in Fischer, Behar, Chen & Co. law firm, Chairman of Ganden Tourism & Aviation Ltd., Vice-Chairman of Ganden Holdings Ltd., Director of Companies
Isaac Manor* 26 Hagderot St. Savion, Israel	Director	Chairman of the Board of Automobile Companies
	Director	

Dori Manor* CEO of Automobile

18 Hareches St. Savion, Companies

Israel

Lior Hannes Director CEO of Ganden Tourism & 3 Azrieli Center, Aviation Ltd., Director of

Triangular Tower, Companies Tel Aviv, Israel

Refael Bisker Director CEO of Ganden Real Estate

46 Rothschild Blvd., 22nd Ltd., Chairman & Director of

floor Tel-Aviv 66883, Israel Companies

Darko Horvat** Director Founder, owner and president

20 Kensington Park of Aktiva group

Gardens, London W113HD, UK

Jacob Schimmel*** Director Chairman & CEO of UKI

54-56 Euston St. London Investments

NW1 U.K.

Shaul Ben-Zeev Director CEO of Avraham Livnat Ltd.

Taavura Junction, P.O.Box 320 Ramla 72102, Israel

Tel Aviv, Israel

Tel Aviv, Israel

Tel Aviv, Israel

CEO of IDB Holding and IDB Eliahu Cohen Director and CEO

3 Azrieli Center, Development Triangular Tower,

Daniel Doron Independent Director Business Consultant

16 Levy Eshkol Street,

Shmuel Lachman Independent Director Information Technology Consultant

9a Kehilat Jatomir Street,

Rolando Eisen **Independent Director Director of Companies**

2A Geiger Street

Neveh Avivim, Tel Aviv, Israel

Meir Rosenne Director Attorney

14 Aluf Simhony Street Jerusalem, Israel

Zehavit Joseph**** Executive Vice Executive Vice

3 Azrieli Center, President and Chief Financial Officer President and Chief Financial Officer of IDB Holding and

Tel Aviv, Israel IDB Development

Haim Tabouch Controller Controller of IDB Holding and

3 Azrieli Center, IDB Development

Triangular Tower, Tel Aviv, Israel

* Mr. Isaac Manor and Mr. Dori Manor are dual citizens of Israel and France.

** Mr. Darko Horvat is a citizen of Slovenia.

*** Mr. Jacob Schimmel is a citizen of Great Britain.

**** Dr. Zehavit Joseph is a dual citizen of Israel and the United States.

Based on the information provided to the Reporting Persons, during the past five years, none of the persons listed above has been convicted, or is subject to a judgment, decree or final order, in any of the legal proceedings enumerated in Items 2 (d) and 2 (e) of Schedule 13D.

Exhibit 4

(Information provided as of December 10, 2003 in response

to Items 2 through 6 of Schedule 13D)
Executive Officers and Directors of
IDB Development Corporation Ltd.
Address is: 3 Azrieli Center, Triangular Tower, Tel Aviv 67023, Israel (citizenship is Israel, unless otherwise noted)

Name and Address	Position	Principal Occupation
Nochi Dankner 3 Azrieli Center, Triangular Tower, Tel Aviv, Israel	Chairman of the Board	Business Manager, Chairman and Director of Companies
Shelly Dankner-Bergman 12 Recanati St, Ramat-Aviv Gimel Tel-Aviv 69494, Israel	Director	Director of Companies
Zvi Livnat 3 Azrieli Center, Triangular Tower,	Director	Co-CEO of Clal Industries, Vice President of Taavura

Tel Aviv, Israel Holdings

Isaac Manor* Director Chairman of the Board

26 Hagderot St. Savion, of Automobile Israel Companies

Dori Manor* CEO of Automobile

18 Hareches St. Savion, Companies

Israel

66883, Israel

66883, Israel

NW1 U.K.

72102, Israel

Tel Aviv, Israel

Lior Hannes Director CEO of Ganden Tourism & Aviation Ltd.,

46 Rothschild Blvd., Director of companies

22nd floor Tel-Aviv

Refael Bisker Director CEO of Ganden Real Estate Ltd., Chairman &

46 Rothschild Blvd., Director of Companies

22nd floor Tel-Aviv

Darko Horvat** Director Founder, owner and president of Aktiva group

20 Kensington Park Gardens, London W113HD, UK

Jacob Schimmel*** Director Chairman & CEO of UKI Investments

54-56 Euston St. London

Shaul Ben-Zeev Director CEO of Avraham Livnat Ltd.
Taavura Junction,
P.O.Box 320 Ramla

Eliahu Cohen Director and CEO CEO of IDB Holding and IDB

3 Azrieli Center, Development Triangular Tower,

Abraham Ben Joseph Director Director of Companies

87 Haim Levanon St.,
Tel Aviv, Israel

Arnon Gafny 55 Moshe Kol St., Jerusalem, Israel

Independent Director

Economist

Rami (Avraham) Mardor Independent Director

33 Haoranim St., Kfar Shmariyahu, Israel

Director of Companies

Zehavit Joseph****

Executive Vice President and

Executive Vice

3 Azrieli Center,

President and Chief Financial Officer of IDB Holding

Triangular Tower, Chief Financial

Tel Aviv, Israel

Officer

and IDB Development

Haim Tabouch

3 Azrieli Center, Triangular Tower, Tel Aviv, Israel

Controller

Controller of IDB Holding and IDB Development

Avi Shani

Vice President, Investments &

Vice President, Investments & Chief Economist of

3 Azrieli Center, Triangular Tower, **Chief Economist**

Tel Aviv, Israel

- * Mr. Isaac Manor and Mr. Dori Manor are dual citizens of Israel and France.
- ** Mr. Darko Horvat is a citizen of Slovenia.
- *** Mr. Jacob Schimmel is a citizen of Great Britain.
- **** Dr. Zehavit Joseph is a dual citizen of Israel and the United States.

Based on the information provided to the Reporting Persons, during the past five years, none of the persons listed above has been convicted, or is subject to a judgment, decree or final order, in any of the legal proceedings enumerated in Items 2 (d) and 2 (e) of Schedule 13D.

IDB Development