**Report and Financial Statements** 

Year ended 31 December 2013

## REPORT AND FINANCIAL STATEMENTS 2013

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### EXECUTIVE COMMITTEE MEMBERS

President: Professor G R Desiraju

Vice-President: Professor C Lecomte

General Secretary and Treasurer: Professor L Van Meervelt

Immediate Past President: Professor S Larsen

Ordinary Members: Professor E Boldyreva

Professor M L Hackert Professor H A Dabkowska Professor W Depmeier Professor J M Guss Professor J M Perez - Mato

Executive Secretary: Mr M H Dacombe

### STATEMENT OF THE EXECUTIVE COMMITTEE'S RESPONSIBILITIES

The Statutes and By-laws of the Union require the Treasurer to exhibit a general statement of the pecuniary affairs of the Union with detailed accounts of the income and expenditure. In preparing these financial statements, the Executive Committee is required to:

- select suitable accounting policies and then apply them consistently;
- make judgements and estimates that are reasonable and prudent;
- state whether applicable accounting standards have been followed; and
- prepare the financial statements on the going concern basis unless it is inappropriate to presume the Union will continue in business.

These financial statements are to be audited by a professional auditor appointed by the Executive Committee.

The Executive Committee is responsible for keeping adequate accounting records which disclose with reasonable accuracy at any time the financial position of the Union and to ensure that the financial statements comply with the Constitution of the Union. They are also responsible for safeguarding the assets of the Union and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

Each of the persons who is a member of the Executive Committee at the date of approval of this report confirms that:

- so far as the member is aware, there is no relevant audit information of which the Union's auditor is unaware;
   and
- the member has taken all the steps that they ought to have taken as a member in order to make themselves aware of any relevant audit information and to establish that the Union's auditor is aware of that information.

By Order of the Executive Committee

Professor L Van Meervelt Professor G R Desiraju M H Dacombe

General Secretary and Treasurer President Executive Secretary

2014 2014 2014

# INDEPENDENT AUDITOR'S REPORT TO THE MEMBERS OF THE INTERNATIONAL UNION OF CRYSTALLOGRAPHY

We have audited the non-statutory financial statements of the International Union of Crystallography for the year ended 31 December 2013 which comprise the income and expenditure account, the statement of total recognised gains and losses, the balance sheet, the cash flow statement and the related notes 1 to 13. These financial statements have been prepared under the accounting policies set out therein.

This report is made solely for the exclusive use of the Union's members, as a body, in accordance with Section 11.1 of the Statutes of the Union for the purpose of showing the results of management's stewardship of the resources entrusted to it. Our report is not to be used for any other purpose, recited or referred to in any document, copied or made available (in whole or in part) to any other person without prior written express consent. We accept no duty, responsibility or liability to any other party in connection with the report or this engagement.

### Respective responsibilities of the Executive Committee and auditor

As explained more fully in the Statement of the Executive Committee's Responsibilities, the Executive Committee is responsible for the preparation of the financial statements and for being satisfied that they give a true and fair view. Our responsibility is to audit and express an opinion on the financial statements in accordance with applicable law and International Standards on Auditing (UK and Ireland). Those standards require us to comply with the Auditing Practices Board's Ethical Standards for Auditors.

### Scope of the audit of the financial statements

An audit involves obtaining evidence about the amounts and disclosures in the financial statements sufficient to give reasonable assurance that the financial statements are free from material misstatement, whether caused by fraud or error. This includes an assessment of: whether the accounting policies are appropriate to the Union's circumstances and have been consistently applied and adequately disclosed; the reasonableness of significant accounting estimates made by the Union's members; and the overall presentation of the financial statements. In addition, we read all the financial and non-financial information in the annual report to identify material inconsistencies with the audited financial statements and to identify any information that is apparently materially incorrect based on, or materially inconsistent with, the knowledge acquired by us in the course of performing the audit. If we become aware of any apparent material misstatements or inconsistencies we consider the implications for our report.

### **Opinion on financial statements**

In our opinion the financial statements:

- give a true and fair view, of the state of the Union's affairs as at 31 December 2013 and of its deficit of income over expenditure for the year then ended; and
- have been properly prepared in accordance with the accounting policies stated in note 1 to the financial statements.

Deloitte LLP Chartered Accountants Manchester, United Kingdom 2014

## INCOME AND EXPENDITURE ACCOUNT Year ended 31 December 2013

	Note	2013	Swiss Francs 2013 2012		2012
Income					
Membership subscriptions			162,741		164,497
Sales Journals, back numbers and single issues Books Open Access Grant		3,270,884 154,174		3,517,553 170,232 4,883	
Investment income Income from investments Bank interest Profit on disposal	7 8	3,803 1,191 69,575	3,425,058	73,387 1,164 25,475	3,692,668
Other income Royalties and copyright fees Advertising income STAR/CIF income		7,712 99,811 17,555	74,569 125,078	8,641 203,806 6,845	219,292
TOTAL INCOME			3,787,446		4,176,483
Expenditure					
Journals Publication costs Editorial expenses Technical editing Subscription administration  Books Publication costs Editorial expenses		577,492 263,581 1,242,371 109,704 42,331 46,507	2,193,148	540,815 235,826 1,317,250 108,212 29,576 44,439	2,202,103
Technical editing		62,757	151,595	80,250	154,265
Newsletter Publication costs Editorial expenses		16,392 112,357	128,749	18,304 104,367	122,671
International Year of Crystallography			227,681		-
President's Fund and other Grants and Young Scientist Support			207,453		188,160
General Assembly and Congress costs			18,572		30,646
Carried forward			2,927,198		2,697,845

# INCOME AND EXPENDITURE ACCOUNT (continued) Year ended 31 December 2013

	2013	Swiss F 2013 2013		2012
Brought forward		2,927,198		2,697,845
•				
Committee meetings and expenses		116,985		134,005
Publications and journals development				
General	434,207		531,979	
Editor meetings	7,809		-	
Promotion	119,420		145,640	
IUCrJ Development STAR/CIF	122,486 24,198		_	
STAR/CIF		708,120		677,619
Subscriptions paid		6,271		3,901
Visiting professorship programme		17,302		6,211
Administration expenses:				
General Secretary and Treasurer: Honorarium to Treasurer	6,820		7,683	
Audit and accountancy charges	59,739		58,962	
Legal and professional fees	2,512		5,297	
Travelling expenses	16,674		13,203	
Bank charges	8,327		6,880	
		94,072		92,025
Executive Secretary's office:				
Salaries and expenses	274,537		265,221	
Travel expenses of IUCr representatives Sponsorship of meetings	8,219 4,941		10,603 4,884	
President's secretary	4,853		4,916	
IUCr/FIZ agreement Bad debts	(18,088) 27,048		(16,252) 811	
Bad debts	27,046	301,510		270,183
		301,310		270,103
Depreciation		33,234		29,795
TOTAL EXPENDITURE		4,204,692		3,911,584
(Deficit)/surplus of income over expenditure (before				
realised exchange fluctuations) carried forward		(417,246)		264,899

# INCOME AND EXPENDITURE ACCOUNT (continued) Year ended 31 December 2013

		<b>Swiss Francs</b>			
	Note	2013	2013	2012	2012
(Deficit)/surplus of income over expenditure (before realised exchange fluctuations) brought forward			(417,246)		264,899
Realised fluctuation in rates of exchange Exchange movement on trading activities			(5,643)		72,597
(Deficit)/surplus of income over expenditure (after realised exchange losses)			(422,889)		337,496
Movement in market value of investments in year	5		40,727		24,999
Unrealised fluctuation in rates of exchange Exchange movement on trading activities Investment activities	5	(18,387) (65,187)	(382,162)	10,765 (13,102)	362,495
			(83,574)		(2,337)
Total recognised losses/gains relating to the year			(465,736)		360,158
Opening fund accounts at 1 January			5,062,278		4,702,120
Closing fund accounts at 31 December			4,596,542		5,062,278

All the income and expenditure related to continuing activities.

Historical cost results would only differ from above by the profit on sale of investments - see note 8.

Separate Statements of Total Recognised Gains and Losses and Reconciliation of Movements in the Fund Account are not given, as the information is incorporated above.

# **BALANCE SHEET As at 31 December 2013**

				Swiss Francs	
	Note	2013	2013	2012	2012
FIXED ASSETS					
Tangible fixed assets	4		40,994		28,912
Investments at market value	5		2,626,051		2,716,611
			<del></del>		<del></del>
			2,667,045		2,745,523
					·
CURRENT ASSETS					
Stock			119,459		106,529
Cash at bank and in hand					
Current accounts		115,221		103,864	
Deposit and savings accounts		1,542,174		2,100,980	
Cash with Union officials		18,237		19,933	
			1 (55 (22		2 22 4 777
			1,675,632		2,224,777
Debtors, accrued income and payments					
in advance			428,093		311,489
Subscriptions due from Adhering Bodies			18,686		22,880
2					
Total current assets			2,241,870		2,665,675
CREDITORS: amounts falling due					
within one year	6		(312,373)		(348,920)
NET CURRENT ASSETS			1,929,497		2,316,755
NET CORNENT ASSETS			1,929,497		2,310,733
TOTAL ASSETS BEING TOTAL FUNDS			4,596,542		5,062,278

The financial statements were approved by the Executive Committee on 2014.

President Professor G R Desiraju

General Secretary and Treasurer Professor L Van Meervelt

Executive Secretary M H Dacombe

## CASH FLOW STATEMENT Year ended 31 December 2013

			<b>Swiss Francs</b>			
	Note	2013	2013	2012	2012	
Net cash (outflow)/inflow from operating activities (see below)			(644,498)		323,624	
Returns on investments Interest received Investment income (net of notional dividends)	7	1,191 3,803		1,164 73,387		
Net cash inflow from returns on investments			4,994		74,551	
Investing activities Purchase of fixed assets Purchase of investments Receipts from sale of investments	4 5	(45,316) (1,515,545) 1,651,220		(14,846) (906,825) 617,742		
Net cash inflow/(outflow) from investing activities			90,359		(303,929)	
(Decrease)/increase in cash	13		(549,145)		94,246	

# Reconciliation of surplus of income over expenditure to net cash inflow from operating activities Swiss Francs

		Swiss Francs		
		2013	2012	
	Note			
(Deficit)/surplus of income over expenditure		(422,889)	337,496	
Interest received		(1,191)	(1,164)	
Investment income	7	(3,803)	(73,387)	
Depreciation charges	4	33,234	29,795	
(Increase)/decrease in stock		(12,930)	29,130	
(Increase)/decrease in debtors		(130,797)	203,509	
Decrease in creditors		(36,547)	(176,280)	
Profit on disposal of investments		(69,575)	(25,475)	
Net cash (outflow)/inflow from operating				
activities		(644,498)	323,624	

### NOTES TO THE FINANCIAL STATEMENTS Year ended 31 December 2013

### 1. ACCOUNTING POLICIES

The principal accounting policies adopted are summarised below. They have all been applied consistently throughout the year and preceding year.

### **Basis of accounting**

The financial statements have been prepared under the historical cost convention, with the exception of investments which are stated at market value, and in accordance with applicable law and United Kingdom accounting standards.

### Going concern

The Union has considerable financial resources in terms of investments held and cash deposits. As a consequence, the members believe that the Union is well placed to manage its business risks successfully despite the current uncertain economic outlook and the impact this has on the market valuation of the investments.

After making enquiries, the members have a reasonable expectation that the Union has adequate resources to continue in operational existence for the foreseeable future. Thus, they continue to adopt the going concern basis of accounting in preparing the annual financial statements.

### Rates of exchange

UNESCO rates of exchange as issued by the ICSU Secretariat are used in the preparation of the financial statements.

Transactions denominated in foreign currencies are translated into Swiss Francs at the rates ruling at the dates of the transactions. Monetary assets and liabilities denominated in foreign currencies at the balance sheet date are retranslated at the rates ruling at that date.

Profits and losses arising on trading transactions from the fluctuations in rates of exchange during the year are divided between the fund accounts with credit balances in direct proportion to those balances at the closing balance sheet date. All profits and losses arising from exchange rate fluctuations are taken through the income and expenditure account.

### **Publication costs**

Publication, editorial and administrative expenses of publications are charged in the appropriate income and expenditure account on an accruals basis.

### Stocks

Stocks of International Tables are included at the lower of cost and net realisable value. Stocks of all other publications, including back issues of journals, are not valued for accounts purposes as sales are uncertain.

### **Expenditure on premises**

Expenditure on maintenance of leasehold premises is charged against the appropriate income and expenditure accounts in the year on an accruals basis.

### **Depreciation**

- (i) Office equipment is depreciated on the straight line basis at a rate of 20% per annum.
- (ii) Computer equipment is depreciated on a straight line basis at a rate of 33 1/3% per annum.
- (iii) Leasehold property improvements are depreciated over the term of the lease.

### **Investment income**

Notional dividend income re-invested in accumulation investment funds is treated as income when declared and added to the accumulated cost of investments.

## NOTES TO THE FINANCIAL STATEMENTS (continued) Year ended 31 December 2013

### 1. ACCOUNTING POLICIES (continued)

### **Investments**

Investments are stated at market value. Changes in market value are taken through the income and expenditure account.

### **Income recognition**

Income is recognised on publications when the risks and rewards of ownership are transferred to the buyer. Subscription income is recognised over the period to which the subscription relates. Investment and other income is recognised on an accruals basis.

### Lease costs

Operating lease costs are charged to the income and expenditure account on a straight line basis over the term of the lease. Where reduced rents are payable on property in the earlier years of the lease, the total cost for the period to the first rent review date are spread on a straight line basis, and the appropriate creditor balance is maintained.

### **Pension costs**

The Union operates a defined contribution pension scheme for its employees. The assets of the scheme are held separately from those of the Union. The amount charged to income and expenditure in the year in respect of pensions represents employer's contributions payable in the year. Differences between contributions payable in the year and contributions actually paid are shown in either accruals or prepayments in the balance sheet.

### **Sponsorship**

The IUCr sponsors symposia and workshops on topics relevant to crystallography. IUCr sponsorship can only be given to meetings that are international in character and open to participants from all countries. National meetings are only supported if held in developing countries. Sponsorship payments are accounted for once the Union has made an unconditional commitment to pay the grant and this is communicated to the beneficiary or the grant has been paid, whichever is earlier. Where sponsorship is conditional and compliance is within the control of the Union, sponsorship is not recognised until the conditions are met. Where sponsorship is conditional and outside the control of the Union, the grant is recognised and accounted for in the same way as an unconditional grant.

### 2. RATES OF EXCHANGE

The assets of the Union are recorded in the financial statements in Swiss Francs but are held in currencies which are considered to be appropriate to the Union's requirements. Transactions in currencies other than Swiss Francs are converted into Swiss Francs at the rate of exchange ruling on the date of the transaction.

The rates of exchange operative at the balance sheet date compared with the Swiss Franc were as follows:

	2013	2012
Euro	0.816	0.828
Pounds Sterling	0.679	0.679
US Dollars	1.125	1.098

The net assets of the Union at 1 January 2013 (Sw Fr 5,062,278) would have had the value of US \$5,558,381 or £3,437,287 if expressed in those currencies.

At 31 December 2013 the net assets (Sw Fr 4,596,542) would have had the value of US \$5,171,110 or £3,121,052 respectively, being a decrease of US \$387,271 or a decrease of £316,235 from the previous year.

2012

2013

# NOTES TO THE FINANCIAL STATEMENTS (continued) Year ended 31 December 2013

### 3. TAXATION

As an association incorporated in Switzerland, the Union is exempt from Swiss Federal and Geneva Cantonal tax. Under current circumstances the Union is not considered to be liable to tax in territories other than Switzerland as a result of domestic exemptions in those other territories and/or specific exemptions arising under the Double Taxation Treaties between those other territories and Switzerland.

### 4. TANGIBLE FIXED ASSETS

	Leasehold property improvements Sw Fr	Computer and office equipment Sw Fr	Total Sw Fr
Cost	2.1.11	211 11	S.,, 2.1
As at 1 January 2013	102,987	403,818	506,805
Additions		45,316	45,316
As at 31 December 2013	102,987	449,134	552,121
Accumulated depreciation			
As at 1 January 2013	102,987	374,906	477,893
Charge for the year		33,234	33,234
As at 31 December 2013	102,987	408,140	511,127
Net book value			
As at 31 December 2013		40,994	40,994
As at 31 December 2012		28,912	28,912

# NOTES TO THE FINANCIAL STATEMENTS (continued) Year ended 31 December 2013

### 5. INVESTMENTS

	Holding at market value 01/01/13	Additions during the year	Swiss Francs disposals/ redemption during the year	Fluctuations in rates of exchange	Increase/ (decrease) in market value	Holding at market value 31/12/13	Holding at revalued cost 31/12/13	Holding at revalued cost 31/12/12
Held by SWM Synergy	V1/V1/10	,	yeur	vge	, 11110	01/12/10	01/12/10	01/12/12
BDP Equity Income Fund 248,016 units	-	401,276	-	-	-	401,276	401,276	-
Camber International Equity Fund 19,244 units	-	405,358	-	-	-	405,358	405,358	-
Held by Merrill Lynch								
Permal Emerging Markets 37 units	119,638	-	-	(2,889)	10,777	127,526	90,776	93,022
Permal Investment	07.700			(2.2(0)	12.001	100 220	00.000	01.007
23 units	97,709	-	-	(2,360)	13,981	109,330	88,809	91,007
Held by Kleinwort Benson								
Global Funds Limited Sterling Bond and Equity Fund								
237,318 Participating shares	1,613,615	3,117	(1,581,645)	(35,087)				1,491,977
Carried forward	1,830,962	809,751	(1,581,645)	(40,336)	24,758	1,043,490	986,219	1,676,006

# NOTES TO THE FINANCIAL STATEMENTS (continued) Year ended 31 December 2013

### 5. INVESTMENTS (continued)

	Holding at market value 01/01/13	Additions during the year	Swiss Francs disposals/ redemption during the year	Fluctuations in rates of exchange	Increase/ (decrease) in market value	Holding at market value 31/12/13	Holding at revalued cost 31/12/13	Holding at revalued cost 31/12/12
Brought forward	1,830,962	809,751	(1,581,645)	(40,336)	24,758	1,043,490	986,219	1,676,006
Held by Pershing  Powershares Exchange 400 units	8,432	-	-	(204)	789	9,017	8,757	8,973
Aberdeen Asia Pacific 1,250 units	8,814	12,783	-	(803)	(2,872)	17,922	20,896	8,918
Aegon NV Perp 1,000 units	-	21,082	-	(973)	702	20,811	20,109	-
American Cap AGY 1,000 units	-	22,825	-	(983)	739	22,581	21,842	-
Chimera Inv Trust 3,500 units	-	9,560	-	(441)	527	9,646	9,119	-
Sandridge Mississipian 1,100 units	-	11,713	-	(475)	(2,192)	9,046	11,238	-
Carried forward	1,848,208	887,714	(1,581,645)	(44,215)	22,451	1,132,513	1,078,180	1,693,897

# NOTES TO THE FINANCIAL STATEMENTS (continued) Year ended 31 December 2013

### 5. INVESTMENTS (continued)

	Holding at market value 01/01/13	Additions during the year	Swiss Francs disposals/ redemption during the year	Fluctuations in rates of exchange	Increase/ (decrease) in market value	Holding at market value 31/12/13	Holding at revalued cost 31/12/13	Holding at revalued cost 31/12/12
Brought forward	1,848,208	887,714	(1,581,645)	(44,215)	22,451	1,132,513	1,078,180	1,693,897
Global x FRS 500 units	10,067	-	-	(244)	605	10,428	9,882	10,127
Held by Genworth	286,965	-	-	(6,930)	(12,802)	267,233	266,700	273,300
Held by Aviva	284,406	-	-	(6,868)	23,575	301,113	266,700	273,300
Held by ING	286,965	-	-	(6,930)	6,898	286,933	266,700	273,300
Held by Athene Choice	-	266,700	-	-	-	266,700	266,700	-
Held by Jackson		361,131				361,131	355,600	
	2,716,611	1,515,545	(1,581,645)	(65,187)	40,727	2,626,051	2,510,462	2,523,924
Held by Aviva Held by ING Held by Athene Choice	284,406 286,965 -	361,131	- - - -	(6,868) (6,930)	23,575 6,898	301,113 286,933 266,700 361,131	266,700 266,700 266,700 355,600	273,3

1,440,014

1,365,006

# NOTES TO THE FINANCIAL STATEMENTS (continued) Year ended 31 December 2013

Total staff costs

6.	CREDITORS: AMOUNTS FALLING DUE WITHIN ONE YEAR			
	CREDITORS. AMOUNTS INCLUDED OF DEL WITHIN ONE TEM	Swiss Francs		
		2013	2012	
	Creditors and accruals Payroll creditor including tax and social security	252,358 60,015	299,071 49,849	
		312,373	348,920	
7.	INVESTMENT INCOME			
		Swiss Fr	ancs	
		2013	2012	
	GNM P169332 – 2016	_	50	
	Sector SPDR Energy	_	450	
	Close Finsbury International Ltd Sterling Bond and Equity Fund	_	70,744	
	Consults Portfolios 850-07U80	_	1,639	
	Global FDS	830	178	
	Aberdeen Asia Pacific	700	82	
	Powershares	722	244	
	Sandridge Mississipian	451	_	
	Aegon Security	360	-	
	American Cap	452	-	
	Chimera	285	_	
	Money Market Fund	3		
		3,803	73,387	
	PROFIT ON DISPOSAL OF INVESTMENTS			
		Swiss Fr	Francs	
		2013	2012	
	Proceeds	1,651,220	617,742	
	Book value	(1,581,645)	(592,267	
	Profit	69,575	25,475	
	The profit on disposal based on historical cost was SwFr 188,569 (2012: SwFr would be as follows:	156,254). The	erefore hist	
	would be as follows.	Swiss Fr	ance	
		2013	2012	
	(Deficit)/surplus of income over expenditure	(418,055)	490,937	
•	(Deficit)/surplus of income over expenditure  INFORMATION REGARDING EMPLOYEES	(418,055)	490,937	
•		(418,055)  2013 No.	2012	
•		2013	2012 No	
	INFORMATION REGARDING EMPLOYEES	2013 No. 24 Pounds St	2012 No 23 erling	
	INFORMATION REGARDING EMPLOYEES  Average number of persons employed during the year	2013 No.	2012 No 23 erling	
	INFORMATION REGARDING EMPLOYEES  Average number of persons employed during the year  Staff costs incurred during the year in respect of these employees were:	2013 No.  24  Pounds St 2013	2012 No 23 erling 2012	
	INFORMATION REGARDING EMPLOYEES  Average number of persons employed during the year  Staff costs incurred during the year in respect of these employees were: Wages and salaries	2013 No. 24  Pounds St 2013  1,012,972	2012 No 23 erling 2012 969,509	
	INFORMATION REGARDING EMPLOYEES  Average number of persons employed during the year  Staff costs incurred during the year in respect of these employees were:	2013 No.  24  Pounds St 2013	2012 No 23	

# NOTES TO THE FINANCIAL STATEMENTS (continued) Year ended 31 December 2013

	Swiss F	Swiss Francs		
	2013	2012		
Total staff costs	2,085,313	2,029,471		

### 10. OPERATING LEASE COMMITMENTS

At 31 December, annual commitments under non-cancellable operating leases are as follows:

	Swiss Francs			
	Land & buildings 2013	Other 2013	Land & buildings 2012	Other 2012
Leases which expire:				
Within one year	-	-	-	-
Within one to two years	-	-	44,160	-
Within two to five years	47,136			
	47,136		44,160	

### 11. SPONSORSHIP & OTHER FINANCIAL COMMITMENTS

At 31 December 2013 the Union had authorised, but not contracted for, sponsorship grants of Sw Fr 54,318 (2012: Sw Fr 73,062).

### 12. ANALYSIS OF CHANGES IN CASH DURING THE YEAR

	Swiss Francs 2013	Swiss Francs 2012
(Decrease)/increase in cash during the financial year Balance at 1 January	(549,145) 2,224,777	94,246 2,130,531
Balance at 31 December	1,675,632	2,224,777

### 13. ANALYSIS OF BALANCES OF CASH AS SHOWN IN THE BALANCE SHEET

		<b>Swiss Francs</b>		
	2012	Change	2013	
Cash at bank and in hand	2,224,777	(549,145)	1,675,632	