Report and Financial Statements

Year ended 31 December 2014

REPORT AND FINANCIAL STATEMENTS 2014

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EXECUTIVE COMMITTEE MEMBERS

President: Professor M L Hackert

Vice-President: Professor A M Glazer

General Secretary and Treasurer: Professor L Van Meervelt

Immediate Past President: Professor G R Desiraju

Ordinary Members: Dr H A Dabkowska

Professor W Depmeier Professor S Garcia-Granda Professor J M Guss

Professor R Kuzel Professor M Takata

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 M L Hackert M H Dacombe

General Secretary and Treasurer President Executive Secretary

2015 2015

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 2014 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 2014 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 2015

INCOME AND EXPENDITURE ACCOUNT Year ended 31 December 2014

	Note	2014	Swiss F 2014	Francs 2013	2013
Income					
Membership subscriptions			163,689		162,741
Sales Journals, back numbers and single issues Books		3,141,732 106,883		3,270,884 154,174	
Investment income Income from investments Bank interest Profit on disposal	7 8	31,810 1,145 64,190	3,248,615	3,803 1,191 69,575	3,425,058
Other income Royalties and copyright fees Advertising income STAR/CIF income Congress income		7,213 128,368 - 48,910	97,145 184,491	7,712 99,811 17,555	74,569 125,078
TOTAL INCOME			3,693,940		3,787,446
Expenditure			<u> </u>		<u> </u>
Journals Publication costs Editorial expenses Technical editing Subscription administration		418,442 201,127 1,382,539 118,161	2,120,269	577,492 263,581 1,242,371 109,704	2,193,148
Books Publication costs Editorial expenses Technical editing		6,124 27,282 67,605	101,010	42,331 46,507 62,757	151,595
Newsletter Publication costs Editorial expenses		17,176 99,762	116,938	16,392 112,357	128,749
International Year of Crystallography			269,320		227,681
President's Fund and other Grants and Young Scientist Support			226,612		207,453
General Assembly costs			74,970		18,572
Carried forward			2,909,119		2,927,198

INCOME AND EXPENDITURE ACCOUNT (continued) Year ended 31 December 2014

	2014	Swiss Fi 2014	2013	2013
Brought forward		2,909,119		2,927,198
Ewald Prize		38,894		-
Committee meetings and expenses		147,834		116,985
Publications and journals development General Editor meetings Promotion IUCrJ Development STAR/CIF Business development	422,124 14,593 184,223 165,619 7,695 112,001		434,207 7,809 119,420 122,486 24,198	
		906,255		708,120
Subscriptions paid		4,219		6,271
Visiting professorship programme		10,893		17,302
Administration expenses: General Secretary and Treasurer: Honorarium to Treasurer Audit and accountancy charges Legal and professional fees Travelling expenses Bank charges	4,907 45,487 4,765 16,500 8,725		6,820 59,739 2,512 16,674 8,327	
		80,384		94,072
Executive Secretary's office: Salaries and expenses Travel expenses of IUCr representatives Sponsorship of meetings President's secretary IUCr/FIZ agreement Bad debts	314,835 12,802 2,018 4,605 (18,171) 1,484	317,573	274,537 8,219 4,941 4,853 (18,088) 27,048	301,510
Depreciation		41,744		33,234
TOTAL EXPENDITURE		4,456,916		4,204,692
(Deficit)/surplus of income over expenditure (before realised exchange fluctuations) carried forward		(762,976)		(417,246)

INCOME AND EXPENDITURE ACCOUNT (continued) Year ended 31 December 2014

		Swiss Francs				
	Note	2014	2014	2013	2013	
(Deficit)/surplus of income over expenditure (before realised exchange fluctuations) brought forward			(762,976)		(417,246)	
Realised fluctuation in rates of exchange Exchange movement on trading activities			39,946		(5,643)	
(Deficit)/surplus of income over expenditure (after realised exchange losses)			(723,030)		(422,889)	
Movement in market value of investments in year	5		95,044		40,727	
Unrealised fluctuation in rates of exchange Exchange movement on trading activities Investment activities	5	117,582 213,403	(627,985)	(18,387) (65,187)	(382,162)	
Total recognised losses/gains relating to the year			(297,000)		(465,736)	
Opening fund accounts at 1 January			4,596,542		5,062,278	
Closing fund accounts at 31 December			4,299,542		4,596,542	

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 2014

				Swiss Francs	
EIVED ACCETS	Note	2014	2014	2013	2013
FIXED ASSETS Tangible fixed assets	4		25,917		40,994
Investments at market value	5		3,444,881		2,626,051
The contract of the contract o					
			3,470,798		2,667,045
CURRENT ASSETS					
Stock			131,148		119,459
Cash at bank and in hand					
Current accounts		125,274		115,221	
Deposit and savings accounts		1,264,126		1,542,174	
Cash with Union officials		26,288		18,237	
			1,415,687		1,675,632
Debtors, accrued income and payments					
in advance			235,168		428,093
Subscriptions due from Adhering Bodies			45,918		18,686
Total current assets			1,827,921		2,241,870
CREDITORS: amounts falling due					
within one year	6		(999,177)		(312,373)
NET CURRENT (LIABILITIES)/ASSETS			828,744		1,929,497
TOTAL ASSETS BEING TOTAL FUNDS			4,299,542		4,596,542

The financial statements were approved by the Executive Committee on 2015.

President Professor M L Hackert

General Secretary and Treasurer Professor L Van Meervelt

Executive Secretary M H Dacombe

CASH FLOW STATEMENT Year ended 31 December 2014

			Swiss Francs				
	Note	2014	2014	2013	2013		
Net cash inflow/(outflow) from operating activities (see below)			179,959		(644,498)		
Returns on investments							
Interest received		1,145		1,191			
Investment income (net of notional dividends)	7	31,810		3,803			
Net cash inflow from returns on investments			32,955		4,994		
Investing activities							
Purchase of fixed assets	4	(26,667)		(45,316)			
Purchase of investments	5	(714,012)		(1,515,545)			
Receipts from sale of investments		267,820		1,651,220			
Net cash inflow/(outflow) from investing activities			(472,859)		90,359		
(Decrease)/increase in cash	13		(259,945)		(549,145)		

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

		Swiss Francs		
		2014	2013	
	Note			
(Deficit)/surplus of income over expenditure		(723,030)	(422,889)	
Interest received		(1,145)	(1,191)	
Investment income	7	(31,810)	(3,803)	
Depreciation charges	4	41,744	33,234	
(Increase)/decrease in stock		(11,689)	(12,930)	
Decrease/(increase) in debtors		283,275	(130,797)	
Increase/(decrease) in creditors		686,804	(36,547)	
Profit on disposal of investments		(64,190)	(69,575)	
Net cash inflow/(outflow) from operating				
activities		179,959	(644,498)	

NOTES TO THE FINANCIAL STATEMENTS Year ended 31 December 2014

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.

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:

	2014	2013
Euro	0.831	0.816
Pounds Sterling	0.651	0.679
US Dollars	1.011	1.125

The net assets of the Union at 1 January 2014 (Sw Fr 4,596,542) would have had the value of US \$5,171,110 or £3,121,052 if expressed in those currencies.

At 31 December 2014 the net assets (Sw Fr 4,299,542) would have had the value of US \$4,346,837 or £2,799,002 respectively, being a decrease of US \$824,273 or a decrease of £322,050 from the previous year.

2013

2014

NOTES TO THE FINANCIAL STATEMENTS (continued) Year ended 31 December 2014

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 mprovements Sw Fr	Computer and office equipment Sw Fr	Total Sw Fr
Cost			
As at 1 January 2014	102,987	449,134	552,121
Additions		26,667	26,667
As at 31 December 2014	102,987	475,801	578,788
Accumulated depreciation			
As at 1 January 2014	102,987	408,140	511,127
Charge for the year		41,744	41,744
As at 31 December 2014	102,987	449,884	551,871
Net book value			
As at 31 December 2014		25,917	25,917
As at 31 December 2013	-	40,994	40,994

NOTES TO THE FINANCIAL STATEMENTS (continued) Year ended 31 December 2014

5. INVESTMENTS

	Holding at market value 01/01/14	Additions during the year	Disposals/ redemption during the year	Fluctuations in rates of exchange	Increase/ (decrease) in market value	Holding at market value 31/12/14	Holding at revalued cost 31/12/14	Holding at revalued cost 31/12/13
Held by SWM Synergy BDP Equity Income Fund 248,016 units	401,276	-	(2,770)	-	-	398,506	398,506	401,276
Camber International Equity Fund 19,244 units	405,358	-	(108)	-	-	405,250	405,250	405,358
Held by Merrill Lynch Permal Emerging Markets 37 units	127,526	-	-	15,019	8,476	151,022	101,467	90,776
Permal Investment 23 units	109,330	-	-	12,876	2,805	125,012	99,268	88,809
Held by Pershing <u>Calamos</u> 5,000 units	-	46,627	(46,627)	-	-	-	-	-
Proshares 1,000 units	-	85,411	(85,411)	-	-	-	-	-
NLY 750 units	-	16 305	(16 305)	-	-	-	-	-

5. INVESTMENTS (continued)

	Holding at market value 01/01/14	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 31/12/14	Holding at revalued cost 31/12/14	Holding at revalued cost 31/12/13
Brought forward	1,043,490	148,343	(151,221)	27,895	11,281	1,079,790	1,004,491	986,219
Powershares Exchange 400 units	9,017	-	(9,017)	-	-	-	-	8,757
Aberdeen Asia Pacific 1,250 units	17,922	-	-	2,111	(730)	19,303	23,357	20,896
Aegon NV Perp 1,000 units	20,811	-	(20,811)	-	-	-	-	20,109
American Cap AGY 1,000 units	22,581	-	(22,581)	-	-	-	-	21,842
<u>Chimera Inv Trust</u> 3,500 units	9,646	-	-	1,136	278	11,060	10,193	9,119
Sandridge Mississipian 1,100 units	9,046	18,391	-	3,253	(18,686)	12,004	29,629	11,238
Carried forward	1,132,513	166,734	(203,630)	34,395	(7,857)	1,122,157	1,067,670	1,078,180

5. INVESTMENTS (continued)

	Holding at market value 01/01/14	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 31/12/14	Holding at revalued cost 31/12/14	Holding at revalued cost 31/12/14
Brought forward	1,132,513	166,734	(203,630)	34,395	(7,857)	1,122,157	1,067,670	1,078,180
Global x FRS 500 units	10,428	-	-	1,228	(194)	11,462	11,046	9,882
Vanguard Windsor 692 units	-	26,792	-	-	(1,145)	25,647	26,792	-
Vanguard Explorer 283 units	-	28,307	-	-	(2,141)	26,166	28,307	-
Janus Global Life 525 units	-	27,392	-	-	(217)	27,175	27,392	-
The Oakmark Select Fund 630 units	-	27,826	-	-	(2,273)	25,553	27,826	-
Franklin Income Fund 41,869 units	-	99,973	-	-	(120)	99,853	99,973	-
Eagle Capital Appreciation Trust 701 units	-	28,228	-	-	(2,347)	25,881	28,228	-
Carried forward	1,142,941	405,252	(203,630)	35,623	(16,294)	1,363,894	1,317,234	1,088,062

NOTES TO THE FINANCIAL STATEMENTS (continued) Year ended 31 December 2014

5. INVESTMENTS (continued)

	Holding at market value 01/01/14	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 31/12/14	Holding at revalued cost 31/12/14	Holding at revalued cost 31/12/14
Brought forward	1,142,941	405,252	(203,630)	35,623	(16,294)	1,363,894	1,317,234	1,088,062
<u>Ishares</u> 100 units	-	22,406	-	2,088	1,872	26,366	22,406	-
Barclays 750 units	-	19,346	-	2,448	(4,742)	17,052	21,794	-
Held by Genworth	267,233	-	-	31,500	51,024	349,757	298,200	266,700
Held by Aviva	301,113	-	-	31,500	24,038	356,651	298,200	266,700
Held by ING	286,933	_	-	31,500	4,808	323,241	298,200	266,700
Held by Athene Choice	266,700	-	-	31,500	20,262	318,462	298,200	266,700
Held by Jackson	361,131	267,008	-	47,244	14,075	689,458	646,100	355,600
	2,626,051	714,012	(203,630)	213,404	95,044	3,444,881	3,200,334	2,510,462

NOTES TO THE FINANCIAL STATEMENTS (continued) Year ended 31 December 2014

6. CREDITORS: AMOUNTS FALLING DUE WITHIN ONE YEAR

	Swiss Francs		
	2014	2013	
Creditors, accruals and deferred income Tax and social security	929,496 69,681	252,358 60,015	
	999,177	312,373	

7. INVESTMENT INCOME

	Swiss Francs	
	2014	2013
Global x FRS	659	830
Aberdeen Asia Pacific	1,328	700
Powershares Exchange	834	722
Sandridge Mississipian	3,376	451
Aegon NV Perp	1,456	360
American Cap AGY	2,036	452
Chimera Inv Trust	1,755	285
Money Market Fund	-	3
Calamos	14	-
NLY	975	-
Proshares	52	-
Ishares	86	-
Camber International Equity	3,488	-
BDP Equity Income	7,671	-
RHFS Growth Fund	8,080	-
	31,810	3,803

8. PROFIT ON DISPOSAL OF INVESTMENTS

	Swiss F	Swiss Francs		
	2014	2013		
Proceeds Book value	267,819 (203,630)	1,651,220 (1,581,645)		
Profit	64,190	69,575		

The profit on disposal based on historical cost was SwFr 71,646 (2013: SwFr 188,569). Therefore historic cost results would be as follows:

	Swiss Francs		
	2014	2013	
(Deficit)/surplus of income over expenditure	(289,544)	(418,055)	

9. INFORMATION REGARDING EMPLOYEES

	2014 No.	2013 No.
Average number of persons employed during the year	25	24
	Pounds S 2014	terling 2013
Staff costs incurred during the year in respect of these employees were:		
Wages and salaries	1,111,852	1,012,972
Social security costs	126,244	114,530
Other pension costs	378,853	312,512
Total staff costs	1,616,950	1,440,014
	Swiss Francs	
	2014	2013
Total staff costs	2,432,156	2,085,313

10. OPERATING LEASE COMMITMENTS

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

	Swiss Francs			
	Land & buildings 2014	Other 2014	Land & buildings 2013	Other 2013
Leases which expire:				
Within one year	-	-	-	-
Within one to two years	49,155	-	-	-
Within two to five years			47,136	
	49,155		47,136	

11. SPONSORSHIP & OTHER FINANCIAL COMMITMENTS

At 31 December 2014 the Union had authorised, but not contracted for, sponsorship grants of Sw Fr 101,885 (2013: Sw Fr 54,318).

12. ANALYSIS OF CHANGES IN CASH DURING THE YEAR

	Swiss Francs 2014	Swiss Francs 2013
(Decrease)/increase in cash during the financial year Balance at 1 January	(259,945) 1,675,632	(549,145) 2,224,777
Balance at 31 December	1,415,687	1,675,632

NOTES TO THE FINANCIAL STATEMENTS (continued) Year ended 31 December 2014

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

		Swiss Francs		
	2013	Change	2014	
Cash at bank and in hand	1,675,632	(259,945)	1,415,687	