

ECU-EMS INFORMATION

12 □ 1988 Monthly

ECU DENOMINATED SECURITIES: issuing activity remained high in November.

Both public and private sectors were active, in November, on the ecu primary market, with a considerable number -and volume- of new issues, in line with the trend established in the recent months. The main features of this activity can be summarized as follows:

- . the Italian Treasury announced the issue of a new, 1 Mrd tranche of five year ecu certificates (CTEs). For the same month an offering of 500 Mio ecus of one year bills was also announced.
- . the programme of ECU-treasury bills launched last October by the Bank of England continued, as scheduled, in November with a second tender of one, three and six month maturities.
- . the international bond market saw, this month, the issue of twelve new issues in ecus, whose volume reached 1800 Mio.

The November's 1 Mrd tranche of Treasury certificates in ecus, is the most recent of a series of debt instruments issued by the Italian Treasury and whose origin goes back to 1982. On the other hand, the one year Treasury bills were first launched in October 1987 and were destined to cover the short-end of the maturities spectrum. The market reaction has been favourable for the paper of both maturities and the securities were easily placed among resident and foreign investors.

The second monthly tender of the British government ecu Treasury bills was held on November 8, and met a strong demand on the part of individual as well as institutional investors (the amount on offer was several times oversubscribed). The amount of the bills offered in the first two tenders totalled 1650 Mio ecus, and their average yields were below the London interbank bid rates, a fact reflecting the success of the issues also on purely financial terms.

The issue of ecu denominated securities is envisaged also by other Community countries' Treasuries, and their plans are expected to materialize during the coming year.

The recent, remarkable, activity in the ecu compartment of the Eurobond market, reflects principally the mutual benefit derived by both investors and borrowers who are the main market participants. Moreover, it reflects a certain maturity of the ecu market, an element that creates feed-back effects and contributes to the market's expansion: after several years of existence of the ecu bond market, a growing number of issues comes to maturity, creating thus reinvestment flows, part of which are channelled to ecu issues creating new demand.

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Note

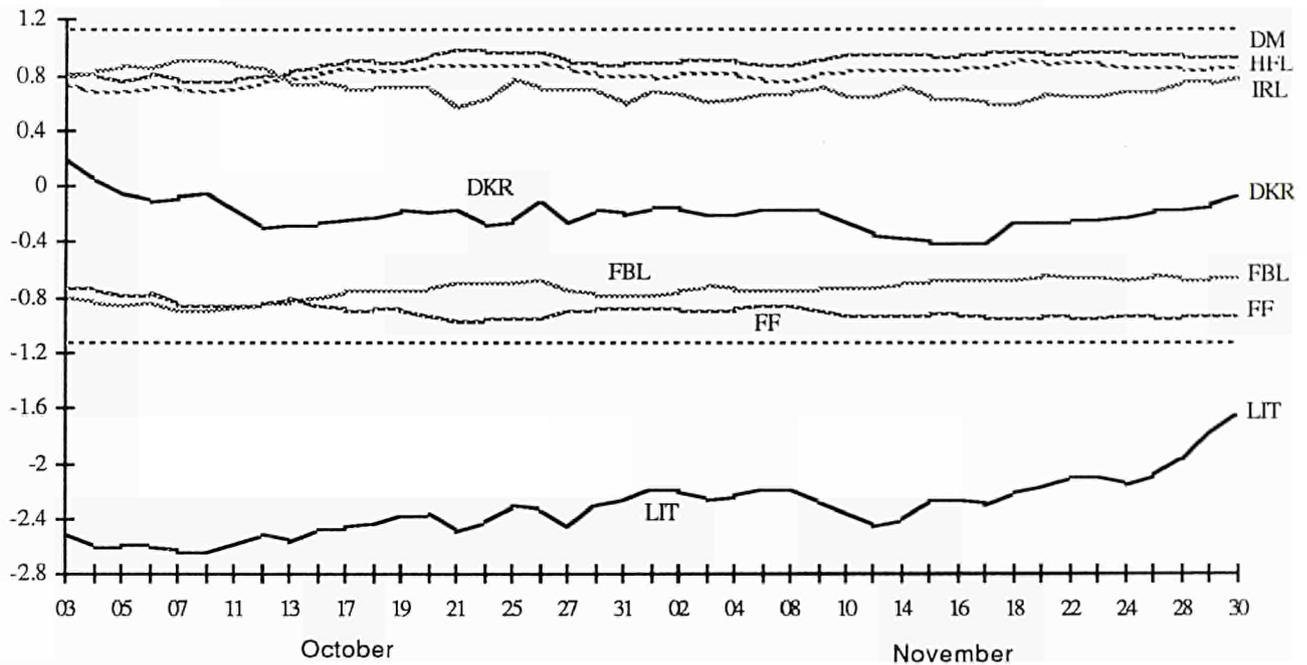
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TABLE I

BILATERAL FLUCTUATIONS OF THE EMS CURRENCIES



How to read the graph

1. The various curves should be compared in pairs. To find the differential between two currencies, subtract the (positive or negative) values along the y-axis corresponding to each currency.
2. The graph is drawn with the curve of the strongest currency above that of the weakest. It shows therefore the relative position of each currency vis-à-vis the other currencies.
3. When two curves intersect or merge over a period of time there is no differential between the two currencies and their market exchange rate equals their bilateral central rate.

Construction of the graph

1. The graph is drawn within a horizontal band corresponding to the maximum 2,25% margin of fluctuation applying at any given moment to market exchange rates and the bilateral central rates of the EMS currencies, with the exception of the LIT, which has a maximum authorized fluctuation of 6%. This band is divided symmetrically by a horizontal axis along which the points would be plotted if all currencies were at their bilateral central rate and there were therefore no fluctuations.
2. The daily market exchange rates of all currencies are compared with the relevant bilateral central rates and the differentials between the two calculated.
3. The maximum fluctuation between two currencies (with the exception of the LIT) is shown within the band, symmetrical with the horizontal axis. The fluctuations of the other currencies in relation to either of the two currencies in question are shown within the maximum permissible fluctuation.
4. The curves are drawn by linking daily the points showing the relative positions of each currency.

TABLE II

ECU BOND ISSUES (Mio ECU) *

	TOTAL	European Community				Non-European Community			
		Total	Business sector	Governments	Institutions	Total	Business sector	Governments	Organizations
1982	1 892	1 772	340	1 230	202	120	65	0	55
1983	2 515	1 980	740	690	550	535	300	50	185
1984	4 997	3 798	1 223	1 625	950	1 199	784	140	275
1985	12 295	8 134	3 454	3 540	1 140	4 161	3 401	200	560
1986	8 544	5 830	2 362	2 158	1 310	2 714	2 304	350	60
1987	8 236	5 303	2 058	1 900	1 345	2 933	2 180	453	300
1986									
IV	891	506	231	0	275	385	285	100	0
1987									
I	3 433	2 238	988	600	650	1 195	695	350	150
II	2 620	2 215	770	1 200	245	405	355	50	0
III	1 203	350	50	100	200	853	650	53	150
IV	980	500	250	0	250	480	480	0	0
1988									
I	1 055	755	555	0	200	300	175	125	0
II	1 848	1 075	750	100	225	773	773	0	0
III	2 560	1 570	950	0	620	990	890	0	100
September	455	240	125	0	115	215	215	0	0
October	650	550	450	0	100	100	0	100	0
November	1 800	610	360	0	250	1 190	740	350	100

(*) Recording based on the payment date

TABLE III

INTEREST RATES AND YIELDS OF ECU INVESTMENTS (%)

	Deposits				Bonds		
	1 month	3 months	6 months	1 year	< 5years	5-7years	> 7years
1983	9.14	9.56	9.86	10.04	-	-	12.25
1984	9.25	9.47	9.77	10.10	9.47	10.89	11.02
1985	9.13	9.23	9.31	9.37	8.90	9.49	9.65
1986	8.04	7.95	7.81	7.66	7.68	8.19	8.31
1987	7.00	7.10	7.16	7.27	7.85	8.24	8.51
1987							
November	7.06	7.14	7.14	7.27	8.48	8.60	9.06
December	6.95	6.98	7.02	7.09	8.14	8.37	8.76
1988							
January	6.05	6.33	6.56	6.69	8.04	8.27	8.69
February	6.03	6.20	6.39	6.59	7.99	8.00	8.49
March	6.20	6.33	6.49	6.64	7.66	7.78	8.17
April	6.08	6.31	6.43	6.62	7.41	7.76	7.96
May	5.91	6.23	6.45	6.69	7.47	7.93	8.16
June	5.84	6.16	6.42	6.73	7.41	7.76	8.08
July	6.70	7.01	7.24	7.38	7.67	7.80	8.20
August	7.11	7.42	7.69	7.84	7.81	7.92	8.23
September	7.44	7.57	7.78	7.84	7.83	7.89	8.12
October	7.30	7.42	7.47	7.52	7.68	7.81	8.03
November	7.45	7.61	7.64	7.64	7.63	7.81	7.92

TABLE IV

LAST MONTH ECU BONDS ISSUES

Issue Payment Date	Borrower (country)	Issued (Mio ECU)	Issue Price	Coupon	Term (years)	Maturity	Yields %	Lead Manager	Listing	Notice
02/11/88 29/11/88	Honda Int. Finance (JAPAN)	100	101.750	7 7/8	5	29/11/93	7.44	Morgan Stanley Int.	LX	Swap
07/11/88 09/12/88	Creditanstalt Bankverein (AUSTRIA)	100	101.625	7 3/4	5	09/12/93	7.35	Mitsubishi Finance	LX	Swap
09/11/88 07/12/88	Toyota Motor Credit Corp. (JAPAN)	150	101.875	7 1/2	5	07/12/93	7.04	U.B.S.	LX	Swap
09/11/88 19/12/88	E.C.C. C.C.E.	100	101.125	7 3/8	2	29/01/91	6.77	Credit Suisse First Boston	LX	
09/11/88 19/12/88	E.C.C. C.C.E.	100	101.250	7 3/8	3	29/01/92	6.90	Credit Suisse First Boston	LX	
09/11/88 19/12/88	E.C.C. C.C.E.	150	101.625	7 1/2	4	29/01/93	7.02	Credit Suisse First Boston	LX	
14/11/88 14/12/88	Halifax Building Society (U.K.)	125	102.000	8	5	15/12/93	7.51	Paribas	LN	Swap
14/11/88 05/12/88	Ferrovie dello Stato (ITALIA)	100	100.875	7 3/4	4 1/2	03/06/93	7.23	Banco di Roma	LX	
16/11/88 14/12/88	Nestle Holding (SWITZERLAND)	250	101.375	7 3/8	3	14/12/91	6.85	Bankers Trust Int.	LX	Swap
21/11/88 05/12/88	Credit Foncier de FRANCE	100	101.500	7 5/8	5 1/2	14/04/94	7.26	C.C.F.	LX	Swap
22/11/88 07/12/88	E.I.B. B.E.I.	100	101.625	7 3/4	7	07/11/95	7.44	Paribas	LX	
30/11/88 04/01/89	B.N.P. (FRANCE)	100	101.875	7 7/8	5	04/01/94	7.41	Deutsche Bank	LX	

Listing: LX = Luxembourg
LN = London

TABLE V

CONSUMER PRICE INDICES IN NATIONAL CURRENCY

1980=100

	1960	1970	1982	1983	1984	1985	1986	1987	1988						
									04	05	06	07	08	09	10
B	36.5	49.1	117.0	126.0	134.0	140.5	142.3	144.5	145.7	145.9	146.1	146.6	146.9	147.1	147.1
DK	22.0	39.2	123.0	131.5	139.8	146.4	151.7	157.8	163.8	165.2	165.1	164.4	165.5	166.4	166.7
D	46.7	61.0	111.9	115.6	118.4	121.0	120.7	121.0	122.2	122.4	122.6	122.5	122.6	122.6	122.7
ELL	21.4	26.3	150.6	181.1	214.5	255.9	314.8	366.3	408.4	409.4	414.7	413.7	414.7	427.1	437.6
E	13.4	24.1	131.1	147.0	163.5	178.0	193.6	203.8	210.2	210.1	211.0	213.7	215.7	217.8	218.1
F	26.6	39.9	126.6	138.6	149.2	157.9	161.9	167.2	170.7	171.1	171.6	172.2	172.7	173.1	173.5
IRL	17.5	27.8	141.1	155.8	169.2	178.4	185.2	191.0	193.3	194.3	194.3	194.3	195.9	195.9	195.9
I	18.4	27.1	137.2	157.3	174.3	190.3	201.4	211.0	219.4	220.2	220.9	221.6	222.5	223.4	225.2
L	40.8	52.6	118.2	128.4	136.7	142.3	142.7	142.6	143.8	144.0	144.3	144.9	145.1	145.3	145.6
NL	32.3	48.9	112.8	115.9	119.6	122.3	122.7	122.5	123.3	123.4	123.3	123.5	123.9	124.3	124.4
P	11.7	18.2	147.3	184.3	237.5	284.1	317.6	347.2	372.7	374.0	375.8	378.9	384.3	388.5	392.0
UK	18.6	27.7	121.5	127.1	133.4	141.5	146.4	152.4	158.3	158.9	159.5	159.6	161.4	162.2	163.8
EUR 12	27.0	39.0	124.2	134.8	144.8	153.7	159.2	164.3	167.6	168.0	168.5	169.0	169.8	170.5	171.3
EMS	32.4	44.7	123.0	133.3	142.2	149.9	153.9	158.0	161.6	162.0	162.4	162.7	163.2	163.6	164.2

Annual rate of increase (%)

	61-70	71-80	1982	1983	1984	1985	1986	1987	1988						
									04	05	06	07	08	09	10
B	3.0	7.4	8.7	7.7	6.3	4.9	1.3	1.6	1.0	1.0	1.1	1.0	0.9	1.2	1.3
DK	6.0	9.8	10.1	6.9	6.3	4.7	3.6	4.0	4.7	4.6	4.6	4.1	4.5	4.5	4.2
D	2.7	5.1	5.3	3.3	2.4	2.2	-0.2	0.3	1.0	1.1	1.1	1.0	1.2	1.4	1.3
ELL	2.1	14.5	20.9	20.5	18.3	19.4	23.1	16.1	13.0	12.5	11.8	13.2	14.0	14.8	14.1
E	6.1	15.4	14.4	12.1	11.2	8.9	8.8	5.3	3.9	3.9	4.3	4.6	5.7	5.7	5.2
F	4.1	9.7	11.8	9.6	7.3	5.9	2.7	3.0	2.5	2.5	2.6	2.7	2.8	3.0	3.0
IRL	4.8	13.7	17.2	10.4	8.6	5.4	3.8	3.1	2.0	1.9	1.9	1.9	2.1	2.1	2.1
I	4.0	14.1	16.5	14.7	10.8	9.2	5.8	4.8	5.1	5.0	4.9	5.1	5.1	4.9	4.9
L	2.6	6.7	9.3	8.6	6.5	4.1	0.3	-0.1	1.0	1.2	1.5	2.0	1.8	1.8	2.0
NL	4.2	7.4	5.7	2.7	3.2	2.3	0.3	-0.2	0.8	0.8	0.9	1.1	1.2	1.1	0.7
P	4.5	18.7	22.7	25.1	28.9	19.6	11.8	9.4	8.0	8.3	9.2	9.7	10.0	11.0	10.7
UK	4.1	13.8	8.6	4.6	5.0	6.1	3.4	4.2	3.9	4.2	4.6	4.8	5.7	5.9	6.4
EUR 12	3.7	9.9	10.8	8.5	7.4	6.1	3.6	3.2	2.7	2.8	3.0	3.2	3.6	3.8	3.9
EMS	3.3	8.4	10.4	8.4	6.7	5.4	2.7	2.7	2.8	2.8	2.8	2.9	3.0	3.0	3.0

Average deviation around the mean

EUR 12	0.8	3.5	3.9	4.2	3.3	2.4	2.7	1.9	1.6	1.7	1.7	1.8	2.0	2.0	2.1
EMS	1.0	4.0	4.0	3.9	2.8	2.3	2.0	1.7	1.5	1.4	1.4	1.4	1.4	1.3	1.3

Average deviation vis-à-vis the minimum

EUR 12	1.7	4.8	5.5	5.8	5.0	4.0	3.8	3.4	1.5	1.6	1.7	1.8	2.1	2.2	2.7
EMS	1.2	3.3	5.2	5.7	4.2	3.2	2.9	2.8	1.9	2.0	1.9	1.9	2.1	2.0	2.4

TABLE VI

CONSUMER PRICE INDICES IN ECU

1980=100

	1960	1970	1982	1983	1984	1985	1986	1987	1988						
									04	05	06	07	08	09	10
B	26.9	39.2	106.4	112.6	119.7	127.0	131.9	136.4	136.2	136.3	136.5	136.7	136.7	137.4	137.4
DK	23.6	40.0	118.1	126.7	134.4	142.9	149.7	156.8	160.9	162.4	163.6	162.8	162.7	163.7	163.4
D	26.5	41.1	118.9	128.5	133.5	137.2	143.1	147.5	148.6	148.6	149.0	148.8	148.7	149.3	149.4
ELL	44.6	50.9	136.5	137.4	143.7	144.6	135.7	138.9	145.5	145.5	147.8	147.2	147.0	150.5	152.8
E	23.5	33.7	121.6	115.0	128.9	137.5	140.4	142.9	152.4	152.2	153.1	154.6	157.1	157.3	158.7
F	29.9	41.0	115.7	120.2	127.5	136.4	139.8	141.7	142.2	142.6	143.7	144.2	143.8	144.0	144.0
IRL	17.4	27.5	137.0	146.2	156.8	168.0	170.5	166.1	168.5	168.5	169.6	169.8	169.4	171.3	171.0
I	33.2	50.4	123.2	138.6	150.1	156.4	163.9	167.9	169.2	169.4	170.3	171.1	171.7	171.8	173.4
L	31.4	41.8	107.4	114.8	122.2	128.6	132.3	134.5	134.5	134.6	134.8	135.2	135.0	135.7	136.0
NL	22.2	36.5	119.1	126.1	130.8	134.5	141.1	144.8	146.2	146.2	145.8	145.4	145.5	146.7	146.9
P	29.9	43.0	131.9	130.2	142.6	151.8	150.2	148.5	152.6	153.1	154.1	155.8	157.7	158.2	159.3
UK	29.5	38.9	129.7	129.7	135.1	143.9	130.8	129.5	143.2	144.6	143.5	144.4	148.6	147.1	149.4
EUR 12	28.9	41.5	120.5	126.8	134.2	141.0	142.8	145.4	149.5	149.9	150.3	150.7	151.6	151.8	152.6
EMS	28.4	42.5	118.3	127.1	134.2	140.4	145.9	149.4	150.5	150.7	151.3	151.5	151.5	152.0	152.3
ECU	29.1	42.1	119.6	126.9	133.2	139.4	142.2	145.2	148.1	148.5	148.8	148.9	149.5	149.8	150.3

Annual rate of increase (%)

	61-70	71-80	1982	1983	1984	1985	1986	1987	1988						
									04	05	06	07	08	09	10
B	3.8	9.8	0.6	5.8	6.3	6.1	3.9	3.4	0.0	0.1	0.0	-0.1	-0.4	0.3	0.8
DK	5.4	9.6	7.0	7.3	6.1	6.3	4.8	4.8	2.9	2.5	3.4	3.8	4.3	4.9	4.0
D	4.5	9.3	11.3	8.1	3.9	2.8	4.3	3.1	1.1	0.9	1.0	0.9	0.7	1.5	1.4
ELL	1.3	7.0	14.0	0.7	4.6	0.6	-6.2	2.4	3.9	4.5	4.5	6.4	7.2	8.3	7.5
E	3.7	11.5	9.4	-5.4	12.1	6.7	2.1	1.8	10.0	9.8	9.4	8.3	8.3	6.4	4.9
F	3.3	9.3	5.4	3.9	6.1	7.0	2.5	1.3	0.6	1.0	1.5	1.4	1.0	1.1	0.9
IRL	4.7	13.8	18.3	6.7	7.3	7.1	1.5	-2.5	2.0	1.6	1.9	1.8	1.4	2.5	2.1
I	4.3	7.1	11.1	12.5	8.3	4.2	4.8	2.5	1.0	1.9	2.2	2.5	2.5	1.7	1.9
L	2.9	9.1	1.0	6.9	6.4	5.2	2.9	1.7	0.1	0.3	0.5	0.9	0.5	0.9	1.4
NL	5.1	10.6	12.1	5.9	3.7	2.8	4.9	2.7	1.5	1.2	1.0	0.9	0.6	0.9	0.5
P	3.7	8.8	8.3	-1.3	9.5	6.5	-1.1	-1.1	2.3	3.0	4.3	5.4	5.6	6.3	6.3
UK	2.8	9.9	7.0	0.0	4.2	6.5	-9.1	-0.7	10.6	10.4	10.1	10.7	13.6	11.7	12.4
EUR 12	3.7	9.2	8.9	5.2	5.8	5.1	1.3	1.8	3.3	3.4	3.5	3.6	3.9	3.7	3.6
EMS	4.1	8.9	8.9	7.4	5.6	4.6	3.9	2.4	1.0	1.2	1.4	1.4	1.3	1.5	1.4
ECU	3.8	9.0	8.6	6.1	5.0	4.7	2.0	2.2	2.2	2.3	2.4	2.4	2.6	2.7	2.8

TABLE VII

ECU EXCHANGE RATES

	B/LFR	DM	HFL	DKR	FF	LIT	IRL	UKL	DRA	PTA	ESC	USD	YEN
Yearly averages													
1980	40.5979	2.52421	2.76027	7.82736	5.86895	1189.21	0.675997	0.598488	59.323	99.702	69.552	1.392330	315.044
1981	41.2946	2.51390	2.77510	7.92255	6.03992	1263.18	0.691021	0.553110	61.624	102.676	68.495	1.116450	245.379
1982	44.7115	2.37599	2.61390	8.15687	6.43117	1323.78	0.689605	0.560454	65.342	107.558	78.007	0.979710	243.545
1983	45.4380	2.27052	2.53720	8.13188	6.77078	1349.92	0.714956	0.587014	78.088	127.503	98.689	0.890220	211.354
1984	45.4420	2.23811	2.52334	8.14647	6.87165	1381.38	0.725942	0.590626	88.340	126.569	115.680	0.789030	187.089
1985	44.9136	2.22632	2.51101	8.01876	6.79502	1447.99	0.715167	0.588977	105.739	129.165	130.252	0.763090	180.559
1986	43.7978	2.12819	2.40089	7.93565	6.79976	1461.87	0.733526	0.671542	137.425	137.456	147.088	0.984170	164.997
1987	43.0576	2.07219	2.33554	7.88139	6.92139	1490.69	0.774616	0.706526	155.451	142.119	162.003	1.145876	166.811
Monthly averages													
87/11	43.1654	2.06273	2.32143	7.95900	7.00652	1520.00	0.775997	0.690998	162.301	138.783	166.949	1.227408	165.984
87/12	43.1814	2.06351	2.32193	7.95511	6.99592	1520.66	0.776453	0.691061	163.507	139.825	168.519	1.263718	162.035
88/01	43.1875	2.06544	2.32084	7.93137	6.97147	1518.96	0.777322	0.693743	164.621	140.242	168.861	1.250105	159.425
88/02	43.1964	2.06569	2.31942	7.89605	6.97891	1521.14	0.776031	0.692657	165.021	139.293	168.802	1.216868	157.247
88/03	43.3184	2.07067	2.32565	7.92892	7.02774	1531.89	0.775096	0.674299	165.849	138.806	169.534	1.234324	156.932
88/04	43.4379	2.07588	2.32885	7.96902	7.04638	1541.71	0.777073	0.661370	166.255	137.513	169.730	1.240661	155.145
88/05	43.4419	2.07994	2.33047	7.96536	7.04184	1545.69	0.778265	0.657169	166.741	137.590	169.847	1.228336	153.210
88/06	43.4527	2.07709	2.33513	7.89805	7.00860	1542.35	0.774772	0.664982	166.195	137.350	169.550	1.184238	150.680
88/07	43.5228	2.07889	2.34459	7.90377	7.00712	1539.98	0.773912	0.661412	166.494	137.720	169.065	1.127356	150.046
88/08	43.6246	2.08194	2.35050	7.95976	7.04704	1541.08	0.775555	0.649858	167.104	136.858	169.432	1.103909	147.524
88/09	43.4650	2.07285	2.33871	7.95858	7.05084	1546.03	0.773081	0.659567	168.054	137.976	170.701	1.110651	149.291
88/10	43.4625	2.07317	2.33760	7.97771	7.07306	1544.76	0.774705	0.656151	169.648	136.987	171.118	1.140309	146.843
88/11	43.4516	2.07316	2.33806	7.99901	7.08148	1541.01	0.775857	0.655489	171.712	136.415	171.986	1.185352	145.968
Daily rates: November													
11/01	43.4731	2.07328	2.33840	7.98949	7.07619	1540.72	0.775438	0.656262	170.552	136.920	171.468	1.159750	145.548
11/02	43.4558	2.07297	2.33771	7.98999	7.07685	1540.93	0.775602	0.656662	170.632	136.587	171.560	1.164720	145.206
11/03	43.4404	2.07270	2.33763	7.99242	7.07638	1541.66	0.775978	0.656835	170.663	136.559	171.549	1.169170	145.292
11/04	43.4738	2.07392	2.33893	7.99639	7.07823	1541.91	0.776134	0.654821	170.631	136.679	171.532	1.165910	145.039
11/07	43.4793	2.07457	2.33981	7.99415	7.07774	1541.38	0.775911	0.654298	170.653	136.566	171.384	1.161770	144.931
11/08	43.4747	2.07454	2.33968	7.99369	7.07723	1541.47	0.775780	0.654430	170.780	136.584	171.529	1.163900	145.721
11/09	43.4650	2.07332	2.33828	7.99352	7.07957	1542.72	0.775430	0.655190	170.880	136.858	171.684	1.168730	145.530
11/10	43.4493	2.07191	2.33723	7.99774	7.08019	1543.46	0.775779	0.656309	171.125	136.566	171.810	1.177090	146.136
11/11	43.4347	2.07143	2.33650	8.00259	7.07847	1544.37	0.775555	0.656926	171.080	136.869	171.858	1.187060	146.329
11/14	43.4251	2.07180	2.33682	8.00619	7.07857	1543.66	0.775072	0.656706	171.604	136.655	172.131	1.184700	146.606
11/15	43.4269	2.07236	2.33712	8.01043	7.07903	1542.01	0.775834	0.656415	171.796	136.475	172.078	1.187260	146.626
11/16	43.4221	2.07183	2.33641	8.00870	7.07876	1541.67	0.775806	0.657232	171.760	136.574	172.349	1.190710	146.457
11/17	43.4104	2.07109	2.33596	8.00755	7.07864	1541.95	0.775900	0.657895	172.376	136.654	172.481	1.205590	146.962
11/18	43.4284	2.07199	2.33590	7.99938	7.08234	1541.32	0.776275	0.656851	172.115	136.543	172.247	1.192510	146.405
11/21	43.4145	2.07215	2.33657	7.99828	7.08087	1540.44	0.775681	0.657183	172.238	136.353	172.226	1.193770	146.178
11/22	43.4311	2.07222	2.33652	7.99877	7.08335	1539.77	0.775988	0.656788	172.417	136.268	172.310	1.199750	145.734
11/23	43.4203	2.07190	2.33649	7.99704	7.08201	1539.37	0.775855	0.657484	172.442	136.142	172.373	1.203200	146.285
11/24	43.4230	2.07194	2.33682	7.99404	7.07952	1539.89	0.775392	0.657563	172.642	135.940	172.395	1.207280	146.045
11/25	43.4315	2.07291	2.33802	7.99404	7.08388	1539.82	0.775773	0.655838	172.642	135.983	172.254	1.203920	146.096
11/28	43.4991	2.07574	2.34108	8.00384	7.09103	1539.79	0.776201	0.651038	172.882	136.166	172.341	1.197910	146.205
11/29	43.5105	2.07665	2.34184	8.00438	7.09404	1537.51	0.776589	0.650278	172.796	135.592	172.096	1.197810	145.953
11/30	43.5454	2.07828	2.34362	8.00569	7.09970	1536.48	0.776884	0.647754	172.951	135.600	172.037	1.195240	146.022

EXPLANATORY NOTES

Ecu exchange rates.

The exchange rates for the ecu against the national currencies of the Member States of the Community, the United States (USD) and Japan (YEN) are shown as monthly averages and daily rates for the latest available month.

The ecu basket, dating from 17 September 1984, is currently made up as follows:

	DM	FF	HFL	BFR	LFR	LIT	DKR	IRL	UKL *	DRA *
1 ecu =	0,719 +	1,31 +	0,256 +	3,71 +	0,14 +	140 +	0,219 +	0,00871 +	0,0878 +	1,15

Ecu central rates since 12 January 1987

	DM	FF	HFL	B/LFR	LIT	DKR	IRL	UKL *	DRA *
	2,05853	6,90403	2,31943	42,4582	1483,58	7,85212	0,768411	0,739615	150,792

Weights of currencies in the ecu basket (based on new central rates from 12 January 1987), in %.

	DM	FF	HFL	B/LFR	LIT	DKR	IRL	UKL *	DRA *
100 =	34,93	18,97	11,04	9,07	9,44	2,79	1,13	11,87	0,76

* = Does not participate in the exchange rate mechanism

Consumer price indices in national currency

The consumer price indices in the national currency of each country measure changes in the purchasing power of one unit of national currency spent in the country concerned.

Two composite indices are calculated, covering all the Member States of the Community (EUR 12) and the eight Member States with currencies participating in the European Monetary System exchange rate mechanism (EMS).

These indices are calculated as weighted arithmetic means (chain indices) of the national indices, the weighting for each Member State being its relative share in the final consumption of households of the group of countries in question (EUR 12, EMS), expressed in purchasing power standards, at current prices and purchasing power parities.

At the foot of the table, the average weighted fluctuations around the mean and the minimum are given for the same groups of countries, with the same weightings. (These are calculated as weighted averages of the absolute fluctuations in relation to the mean and the minimum respectively). They show the degree to which price movements in the Member States in the Community converge.

Consumer price indices in ecus

For each country the index of consumer prices in ecus is calculated by dividing the national consumer price index by the average movement of the national currency in relation to the ecu during the month. It measures the change in the purchasing power of one ecu in the country concerned.

Three composite indices are calculated, covering all the Member States of the Community (EUR 12), the eight Member States participating in the European Monetary System exchange rate mechanism (EMS) and the ten Member States whose currencies go to make up the ecu (ECU). These indices are calculated as weighted arithmetic means (chain indices) of the consumer price indices expressed in ecus as mentioned above.

The weightings are defined as follows:

- . for the EUR 12 and EMS indices, the relative share of each Member State in the final consumption of households for the group of countries in question (EUR 12 or EMS), expressed in ecus at current prices and exchange rates (annual weighting).
- . for the ecu index, the relative share of each Member State's currency in the calculation of the ecu (monthly weighting).

Ecu bond issues

All ecu-denominated bond issues, both national and international, are covered, together with ecu issues offering the option of conversion into other currencies. Main source: International Financing Review

Table II shows, under the headings:

- . Business sector and Governments: national issuers, both private and public.
- . Institutions: the European Investment Bank and the Commission of the European Communities (EEC, ECSC, Euratom).
- . Organizations: the specialist institutions of the United Nations, the World Bank, the Council of Europe, etc.....

The issues are recorded as at the payment date.

Interest rates and yields on ecu investments

The interest rates for 1, 3 and 6 month and 1 year deposits are calculated on the basis of the Friday London market rates (source: Financial Times).

The bonds are classified according to three types of terms: under 5 years, from 5 to 7 years and more than 7 years. The redemption yields of ecu bonds are calculated each Wednesday from a sample of fixed interest bonds, denominated in ecus and listed on the Luxemburg Stock Exchange. These yields are weighted by amounts in circulation. (source: Luxemburg Stock Exchange).

The monthly and yearly averages are the arithmetic means of these weekly interest rates and bond yields.

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