

## ECU-EMS information & Central bank interest rates

5 □ 1995 Monthly

### Subdued activity on the ECU bond primary market

The Bank of England successfully held its quarterly ECU treasury note auction which was well covered (there were bids for more than three times the amount of notes on offer). This three year 500 million ECU issue is fungible with 1000 million of existing bonds sold in January this year. The Treasury is expected to tap this line again next July. Three small issues have been launched on the eurobond market, for a total of just 170 millions. It is worth noting that the three borrowers are Asian. Two one-year issues, namely Itochu Finance and the Bank of Tokyo Trust, have been privately placed and launched in the framework of an EMTN programme. The Korean group Samsung Electronic issued a floating rate bond bearing a coupon of 6-month Libor plus 0.375%. With about 2 billion ECU of bonds redeemed in April, this month's new issues do not offset the repayments, so that the outstanding amount of ECU bonds slightly receded.

### Consumer price indices in ECU

The growth rate of the CPI in ECU for the EUR15 was 0.2% in the 12 months to March. The greatest increase was recorded in the index of Finland (11.4%) owing to the sharp appreciation of its currency against the ECU rather than to its rather modest inflation rate over the above period. For the same reason the indices of Holland, Austria, Germany, and Luxembourg rose by 6.9%, 6.7%, 6.6%, and 6.5% respectively, followed by the indices of Belgium, Denmark and France. There was also a sharp increase in the index of Portugal (6.5%) due to the growth of the CPI in national currency and to the modest appreciation of the ESC against the ECU over the 12 month period. The index of Greece rose by 3.1%. This moderate increase in the national CPI expressed in ECU reflects an increase in the inflation rate largely offset by the rate of depreciation of the DR against the ECU, from March 1994 to March 1995. Italy's index recorded a sharp decrease of -10.3% due to the very large depreciation of the LIT against the ECU relative to the rate of growth of the

CPI in national currency over the 12 month period. For the same reason the indices of United Kingdom, Sweden, Spain and Ireland decreased by -3.7%, -3.2%, -1.5% and -1% respectively.

### Bilateral fluctuations of the ERM currencies

Graph 1 on page 4 portrays the evolution of the bilateral fluctuations of the ERM currencies between March 1 and April 28, 1995 calculated on a daily basis. This graph illustrates that until April 3 (except the period between March 13 - March 23) the PTA was at a weak position against the other ERM currencies and in particular against the HFL, BLF, DM, OS. It is clear however that the PTA's position has steadily improved after the realignment of March 6. Since April 4 the IRL has been the weakest ERM currency.

### Realisation of the swap agreement with the EMI

On April 11, 1995 the Swedish central bank (Riksbank) announced that it was trading 20 per cent of its dollar reserves and 20 per cent of its gold reserves for ECU under the agreement with the European Monetary Institute. The Riksbank's ECU claims on the EMI amount to SKR 10,917 million. It is worth noting that the market valuation of the part of the gold assets swapped for ECU led to an increase in currency reserves of SKR 3,368 million. Similar actions were undertaken by the central banks of Austria and Finland earlier in the year.

### Central bank interest rates

- The National Bank of Belgium twice reduced its central rate: on 6.04.95 by 0.25% to 5% and on 12.04.95 by 0.25% to 4.75%.
- The Swedish Riksbank increased its repo rate three times: on 5.04.95 by 0.07% to 8.27%, on 12.04.95 by 0.07% to 8.34% and on 19.04.95 by 0.07% to 8.41%.
- On 14.04.95 the Bank of Japan reduced its discount rate by 0.75% to 1%.



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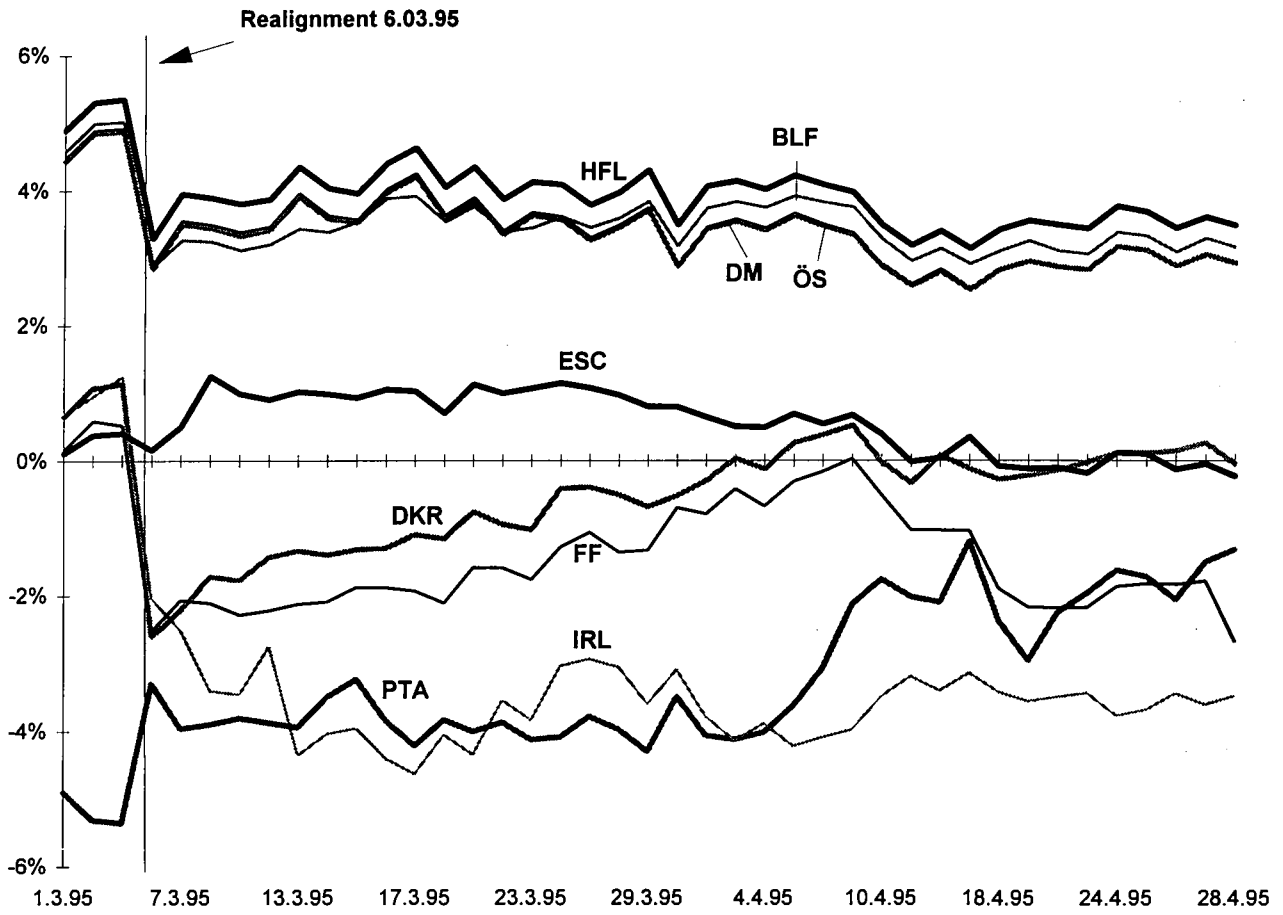
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**BILATERAL FLUCTUATIONS OF THE ERM CURRENCIES**



**FLUCTUATIONS OF OTHER CURRENCIES**

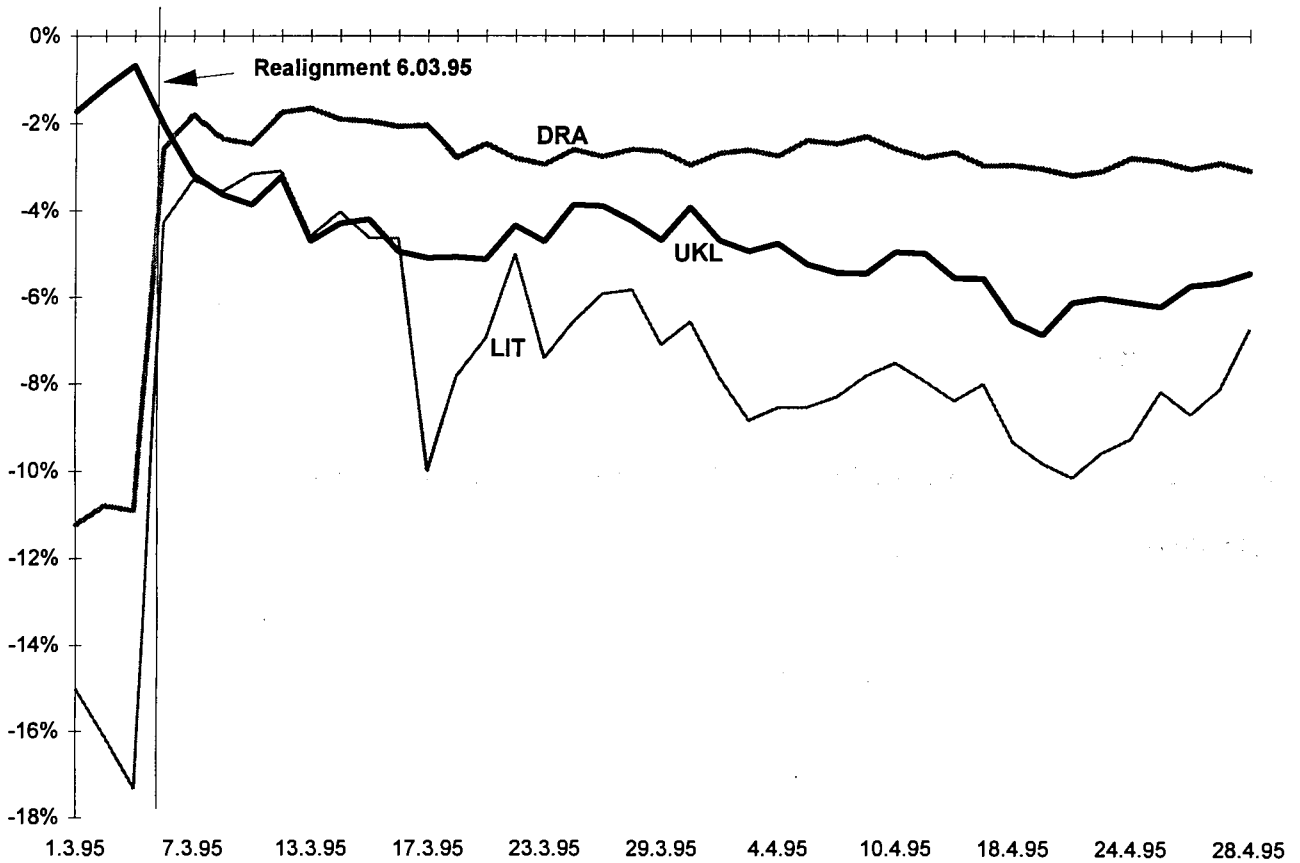


TABLE I

ECU BOND ISSUES (Mio ECU) \*

EUA eurostat	TOTAL EURO	European Union				Non-European Union				Domestic**	EURO + DOMESTIC
		Total	Business sector	Govern- ments	Institu- tions	Total	Business sector	Govern- ments	Organi- sations		
1989	11 127	6 461	4 400	500	1 561	4 666	4 141	425	100	1 652	12 779
1990	15 040	10 525	3 990	5 000	1 535	4 515	3 565	550	400	2 857	17 897
1991	27 163	19 266	6 581	7 900	4 785	7 897	3 932	3 790	175	3 134	30 297
1992	19 242	11 675	4 870	2 475	4 330	7 567	3 902	2 850	815	4 151	23 393
1993	6 870	5 020	1 565	250	3 205	1 850	250	1 600	0	6 508	13 378
1994	6 485	5 010	1 825	1 300	1 885	1 475	1 075	400	0	7 311	13 796
1993 II	1 130	630	130	250	250	500	0	500	0	500	1 630
III	1 070	770	720	0	50	300	200	100	0	2 298	3 368
IV	2 690	2 140	415	0	1 725	550	50	500	0	500	3 190
1994 I	2 410	2 285	910	1 150	225	125	125	0	0	2 498	4 908
II	1 815	1 215	415	0	800	600	200	400	0	2 559	4 374
III	945	595	150	150	295	350	350	0	0	1 221	2 166
IV	1 315	915	350	0	565	400	400	0	0	1 033	2 348
1995 I	2 375	2 075	525	900	650	300	300	0	0	2 939	5 314
1995 02	775	675	275	0	400	100	100	0	0	0	775
03	1 450	1 400	250	900	250	50	50	0	0	1 421	2 871
04	170	0	0	0	0	170	170	0	0	500	670

(\*) Recording based on the payment date

(\*\*) Only domestic issues which can be assimilated with Eurobonds

TABLE II


LAST MONTH'S ECU BOND ISSUES

Issue Payment Date	Borrower & country	Amount Issued (Mio Ecu)	Issue Price	Coupon	Term (years)	Maturity	Yield %	Lead Manager	Listing	Notice
06.04.1995 16.05.1995	Samsung Electronics Korea	80	99.625	LO6 + 0.375	5	16.05.2000	-	UBS	LU	-
18.04.1995 25.04.1995	UK T. Note	500	101.595	8	2+8m	27.01.1998	7.4119	Auct	LN	FG
19.04.1995 26.04.1995	Bank of Tokyo Trust Co Japan	45	100.07	6.5	1	26.04.1996	6.43	Yamaichi Inter- national	Unlisted	EMTN Prog. Private Placement
19.04.1995 24.04.1995	Itochu Finance Japan	45	100	6.6	1	23.04.1996	6.60	LTCB	Unlisted	EMTN Prog. Private Placement


TABLE III

## CONSUMER PRICE INDICES IN NATIONAL CURRENCY

1985=100

 eurostat	B	DK	D	ELL	E	F	IRL	I	L	NL	A	P	FIN	S	UK	EUR 15 *	ERM *
1988	104.1	112.7	101.4	162.6	120.0	108.7	109.4	116.5	101.7	100.7	105.1	133.9	112.6	114.9	113.0	110.9	107.5
1989	107.3	118.1	104.2	184.9	128.2	112.5	113.9	123.8	105.1	101.7	107.8	151.0	120.0	122.3	121.8	116.6	111.8
1990	111.0	121.2	107.0	222.6	136.8	116.5	117.6	131.8	109.0	104.2	111.3	170.9	127.4	135.1	133.3	123.3	116.5
1991	114.6	124.1	110.7	266.0	145.0	120.2	121.3	140.0	112.4	108.3	115.1	189.6	132.8	147.8	141.1	129.6	121.6
1992	117.4	126.7	115.1	308.1	153.5	123.0	125.1	147.3	115.9	111.7	119.7	206.7	136.7	151.1	146.4	135.0	126.3
1993	120.6	128.3	119.9	352.6	160.6	125.6	126.9	153.8	120.1	114.6	124.0	220.0	139.7	158.2	148.7	139.7	130.6
1994	123.5	130.9	123.5	391.1	168.1	127.7	129.8	160.0	122.7	117.8	127.7	231.5	141.2	161.6	152.4	144.1	134.3
1994 04	122.8	130.3	123.1	386.8	167.0	127.5	:	158.7	122.0	117.5	126.9	230.6	140.3	161.2	152.4	143.6	133.9
05	123.2	130.9	123.4	389.9	167.3	127.8	129.6	159.4	122.3	117.6	127.1	231.1	140.5	161.5	153.0	144.0	134.2
06	123.4	131.1	123.6	393.7	167.4	127.8	:	159.7	122.3	117.3	127.3	231.5	141.7	161.5	153.0	144.1	134.3
07	124.2	130.8	123.7	387.3	168.0	127.8	:	160.1	122.8	117.7	128.8	231.9	141.9	161.6	152.2	144.2	134.5
08	124.4	131.3	123.8	388.5	169.3	127.8	130.5	160.4	123.0	118.2	129.6	232.2	142.1	161.6	153.0	144.5	134.7
09	124.2	131.4	123.9	401.1	169.7	128.1	:	160.9	123.4	119.2	128.6	232.7	142.4	163.1	153.3	145.0	135.0
10	123.9	131.7	124.0	406.0	170.0	128.5	:	161.7	123.6	119.3	128.2	233.6	142.5	163.3	153.5	145.3	135.2
11	123.9	132.0	124.2	407.3	170.3	128.5	130.7	162.4	123.9	119.0	128.1	234.0	142.1	163.1	153.6	145.5	135.3
12	124.0	132.0	124.4	411.9	171.1	128.3	:	162.8	124.1	118.5	128.1	234.7	142.0	162.9	154.3	145.7	135.4
1995 01	124.5	132.1	125.0	410.2	172.9	128.7	:	163.4	124.5	118.8	129.1	237.5	141.9	163.5	154.3	146.3	136.1
02	124.8	132.7	125.5	408.5	173.7	129.2	131.7	164.8p	124.7	119.4	129.7	239.2	142.4	164.1	155.3	147.0p	136.6
03	124.7	133.1	125.6	420.2	174.8	129.5p	:	166.1p	124.8	120.0	130.1	239.6	142.6	164.8	155.9	147.6p	136.6p

## Annual rate of increase (%)

 eurostat	B	DK	D	ELL	E	F	IRL	I	L	NL	A	P	FIN	S	UK	EUR 15 *	ERM *
1988	1.2	4.5	1.3	13.5	4.8	2.7	2.2	5.1	1.4	0.9	1.9	9.7	5.1	5.8	4.9	3.6	2.7
1989	3.1	4.8	2.8	13.7	6.8	3.5	4.1	6.2	3.4	1.1	2.6	12.8	6.6	6.4	7.8	5.2	4.0
1990	3.5	2.6	2.7	20.4	6.7	3.5	3.3	6.5	3.7	2.5	3.3	13.2	6.1	10.5	9.5	5.7	4.2
1991	3.2	2.4	3.5	19.5	6.0	3.2	3.2	6.3	3.1	3.9	3.3	10.9	4.3	9.3	5.9	5.1	4.3
1992	2.4	2.1	4.0	15.9	5.9	2.4	3.3	5.2	3.2	3.2	4.0	9.0	2.9	2.3	3.7	4.2	3.9
1993	2.8	1.3	4.1	14.5	4.6	2.1	1.2	4.5	3.6	2.6	3.6	6.4	2.2	4.7	1.6	3.5	3.4
1994	2.4	2.0	3.0	10.9	4.7	1.7	2.3	4.0	2.2	2.8	3.0	5.2	1.1	2.2	2.5	3.1	2.9
1994 04	2.4	2.0	3.1	10.4	5.0	1.7	:	4.1	2.1	2.8	3.0	6.0	0.2	1.7	2.6	3.2	3.0
05	2.6	1.9	3.0	11.0	4.9	1.7	2.8	4.0	2.1	2.9	3.0	5.7	0.2	2.1	2.6	3.2	2.9
06	2.8	2.1	3.0	10.9	4.7	1.8	:	3.8	2.1	3.0	2.9	5.7	1.3	2.5	2.6	3.2	2.9
07	2.7	2.0	2.9	11.2	4.7	1.7	:	3.8	2.2	2.8	2.8	5.1	1.6	2.7	2.4	3.1	2.8
08	2.4	2.2	3.0	11.1	4.8	1.7	2.5	3.8	2.0	2.6	3.2	4.8	1.9	2.6	2.4	3.1	2.8
09	2.5	2.0	3.0	11.9	4.5	1.6	:	3.9	2.2	2.7	3.1	4.7	1.9	2.5	2.2	3.1	2.8
10	2.1	2.0	2.8	11.1	4.3	1.7	:	3.8	2.1	2.8	2.9	4.6	1.8	2.4	2.4	3.0	2.7
11	2.0	2.1	2.7	10.6	4.3	1.6	2.4	3.9	2.0	2.5	2.8	4.0	1.6	2.2	2.6	3.0	2.6
12	1.9	2.3	2.7	10.8	4.3	1.6	:	4.0	2.0	2.6	2.6	4.0	1.6	2.5	2.9	3.0	2.6
1995 01	1.9	2.3	2.3	11.1	4.4	1.7	:	3.9	2.3	2.5	2.6	4.4	1.8	2.5	3.3	3.0	2.5
02	1.8	2.3	2.4	10.4	4.8	1.7	2.5	4.3p	2.2	2.4	2.4	4.6	1.8	2.6	3.4	3.2p	2.6
03	1.7	2.5	2.3	10.3	5.2	1.8p	:	4.8p	2.3	2.3	2.4	4.5	1.8	2.6	3.5	3.3p	2.4p


p=provisional

\* The weights used in the calculation of EUR 15 and EMS have been revised according to the EUR 15 series published in the monthly Eurostat publication "Consumer price index".


TABLE IV

## CONSUMER PRICE INDICES IN ECU

1985=100

	B	DK	D	ELL	E	F	IRL	I	L	NL	A	P	FIN	S	UK	EUR 15 *	ERM *	ECU
1988	107.6	113.6	108.8	100.9	112.5	105.0	100.9	109.6	105.2	108.3	112.7	102.3	106.9	103.5	100.2	107.1	108.0	107.8
1989	111.1	117.7	112.1	107.5	126.8	108.9	104.4	118.5	108.8	109.4	115.8	112.9	119.3	112.3	106.6	113.2	112.9	112.0
1990	117.5	123.7	116.1	114.9	136.4	114.5	109.3	125.2	115.4	113.2	120.6	122.6	123.1	117.1	110.0	118.7	118.6	117.0
1991	121.9	125.8	120.2	122.8	145.5	117.1	112.7	132.2	119.6	117.8	124.7	137.9	124.8	128.8	118.5	124.6	123.3	122.0
1992	126.7	130.1	126.9	129.8	149.6	122.1	117.4	133.8	125.2	123.3	131.7	153.8	110.9	131.0	117.2	128.2	128.1	126.7
1993	133.8	135.5	137.8	136.6	139.3	128.7	113.4	120.9	133.3	132.3	142.4	152.1	98.0	113.1	112.2	128.2	132.6	131.0
1994	139.8	139.1	142.8	141.2	136.4	131.8	117.0	120.9	139.0	137.1	147.5	152.7	107.2	115.0	115.6	131.1	135.7	134.8
1994 04	138.5	137.8	141.7	141.9	136.8	130.7	116.8	124.0	137.6	135.8	145.9	151.7	105.3	117.0	116.8	131.4	134.8	134.3
05	139.2	138.9	142.3	142.0	135.7	131.3	117.0	124.1	138.2	136.3	146.4	150.6	104.6	117.1	116.2	131.5	135.1	134.7
06	139.7	139.1	142.7	141.3	135.8	131.8	117.0	122.5	138.4	136.3	146.9	150.5	103.8	114.0	116.0	131.2	135.5	134.8
07	141.1	139.2	143.6	139.1	136.9	132.1	116.6	121.2	139.6	137.4	149.2	152.9	104.9	111.1	113.3	130.9	136.2	134.9
08	141.7	139.1	144.0	139.5	137.4	132.4	116.2	119.8	140.1	138.2	150.5	154.4	106.1	111.3	113.5	131.0	136.7	135.2
09	141.4	139.5	143.9	143.1	137.6	132.8	116.7	120.2	140.5	139.3	149.1	154.8	108.9	114.2	114.1	131.4	136.9	135.5
10	141.1	140.8	144.0	143.9	137.6	133.0	117.7	119.8	140.7	139.5	148.7	155.0	113.5	116.3	115.0	131.8	137.0	135.7
11	141.3	141.3	144.4	143.8	137.7	132.8	117.6	119.3	141.3	139.2	148.8	155.6	113.6	116.3	115.5	131.8	137.2	135.8
12	141.7	141.3	144.9	145.2	137.2	132.5	118.0	118.8	141.8	139.1	149.0	155.6	113.1	116.2	116.4	131.9	137.2	135.9
1995 01	142.8	141.4	146.4	144.3	135.5	133.0	118.2	118.2	142.8	139.9	150.9	157.3	113.3	115.0	115.2	131.9	137.8	136.4
02	144.1	142.6	147.8	143.0	136.3	133.5	117.0	116.9p	143.9	141.5	152.5	158.9	114.4	115.0	114.1	132.1p	138.8	137.0p
03	146.5	143.8	150.9	145.0	133.1	134.1p	114.3	107.9p	146.5	145.1	156.0	159.6	116.0	112.1	111.5	130.6p	140.1p	137.5p

## Annual rate of increase (%)

	B	DK	D	ELL	E	F	IRL	I	L	NL	A	P	FIN	S	UK	EUR 15 *	ERM *	ECU
1988	0.3	3.6	1.1	5.8	8.3	1.1	2.1	2.2	0.5	0.9	1.8	4.9	7.7	6.8	11.3	3.9	1.4	2.5
1989	3.2	3.5	3.0	6.5	12.7	3.7	4.0	8.1	3.5	1.1	2.7	10.6	11.6	8.6	6.6	5.7	4.6	3.9
1990	5.8	5.2	3.6	6.9	7.6	5.1	4.5	5.7	6.0	3.5	4.2	8.4	3.2	4.3	3.4	4.8	5.1	4.5
1991	3.7	1.7	3.5	6.8	6.7	2.3	3.1	5.5	3.6	3.9	3.4	12.5	1.4	9.9	7.7	5.0	4.0	4.3
1992	4.0	3.4	5.6	5.7	2.8	4.3	4.1	1.3	4.7	4.9	5.6	11.5	-11.2	1.7	-1.1	2.9	3.9	3.8
1993	5.6	4.1	8.6	5.2	-6.9	5.4	-3.5	-9.7	6.4	7.3	8.1	-1.1	-11.6	-13.7	-4.2	0.0	3.5	3.4
1994	4.5	2.7	3.7	3.4	-2.0	2.4	3.1	0.0	4.3	3.6	3.6	0.5	9.4	1.7	3.0	2.2	2.4	2.9
1994 04	3.1	0.7	3.8	3.3	-5.8	1.1	3.5	5.2	2.8	3.6	3.7	-3.0	9.4	2.9	5.4	2.8	1.2	3.0
05	3.7	1.3	4.3	3.0	-2.9	1.3	4.1	0.6	3.3	4.1	4.3	-2.2	6.2	1.3	4.1	2.3	2.1	2.9
06	4.1	1.2	4.5	1.8	-1.0	1.7	4.0	-2.1	3.4	4.6	4.4	-1.5	4.0	-2.3	3.7	1.9	2.6	2.9
07	4.7	2.3	4.7	2.5	1.2	2.8	3.3	-2.2	4.1	4.8	4.6	1.5	5.1	-1.8	-1.6	1.6	3.5	2.8
08	5.8	5.8	3.4	3.2	3.8	4.2	4.0	-2.5	5.3	3.2	3.6	5.3	7.2	-1.0	-1.9	1.8	4.0	2.8
09	6.6	5.8	2.7	5.0	1.2	3.7	5.2	-0.8	6.4	2.7	2.8	5.1	13.2	4.1	0.0	2.2	3.2	2.8
10	7.4	4.8	2.3	4.5	0.7	3.7	4.6	-1.0	7.3	2.6	2.3	5.2	15.6	4.4	1.0	2.2	2.9	2.7
11	5.9	4.1	3.0	3.1	1.3	3.1	3.6	-0.7	5.9	2.9	3.0	4.5	13.4	4.3	0.0	2.1	3.0	2.6
12	4.5	3.3	3.8	3.9	2.7	1.9	2.8	-0.1	4.7	3.7	3.6	4.6	12.1	5.8	-0.1	2.2	3.1	2.7
1995 01	5.0	3.0	4.5	4.8	1.2	2.0	0.1	-1.6	5.5	4.5	4.7	4.5	9.8	0.1	-2.2	1.6	3.3	2.6
02	4.7	3.8	5.1	4.1	0.7	2.1	0.2	-3.5p	5.1	5.2	5.1	4.8	8.7	-1.5	-2.5	1.3p	3.5	2.7p
03	5.9	4.6	6.6	3.1	-1.5	2.1p	-1.0	-10.3p	6.5	6.9	6.7	6.5	11.4	-3.2	-3.7	0.2p	4.0p	2.8p

p=provisional

\* The weights used in the calculation of EUR 15 and EMS have been revised according to the EUR 15 series published in the monthly Eurostat publication "Consumer price index".

TABLE V

## ECU EXCHANGE RATES



	B/LFR	DKR	DM	DRA	PTA	FF	IRL	LIT	HFL	ÖS
<b>Yearly averages</b>										
1985	44.9137	8.01876	2.22632	105.739	129.135	6.79502	0.715167	1447.99	2.51101	15.6428
1986	43.7979	7.93565	2.12819	137.425	137.456	6.79976	0.733526	1461.88	2.40090	14.9643
1987	43.0410	7.88472	2.07153	156.268	142.165	6.92910	0.775448	1494.91	2.33418	14.5710
1988	43.4285	7.95152	2.07440	167.576	137.601	7.03644	0.775672	1537.33	2.33479	14.5861
1989	43.3806	8.04929	2.07015	178.840	130.406	7.02387	0.776818	1510.47	2.33526	14.5695
1990	42.4257	7.85652	2.05209	201.412	129.411	6.91412	0.767768	1521.98	2.31212	14.4399
1991	42.2233	7.90859	2.05076	225.216	128.469	6.97332	0.767809	1533.24	2.31098	14.4309
1992	41.5932	7.80925	2.02031	247.026	132.526	6.84839	0.760718	1595.51	2.27482	14.2169
1993	40.4713	7.59359	1.93639	268.568	149.124	6.63368	0.799952	1841.23	2.17521	13.6238
1994	39.6565	7.54328	1.92452	288.026	158.918	6.58261	0.793618	1915.06	2.15827	13.5395
<b>Monthly averages</b>										
94/04	39.8323	7.58603	1.93467	283.714	157.331	6.62762	0.792764	1851.43	2.17251	13.6094
94/05	39.7402	7.55863	1.93076	285.832	158.988	6.61117	0.791644	1857.15	2.16677	13.5796
94/06	39.6927	7.55808	1.92800	289.972	159.017	6.58760	0.791689	1885.51	2.16115	13.5627
94/07	39.5323	7.53595	1.91818	289.751	158.232	6.57349	0.800096	1911.34	2.15151	13.4948
94/08	39.4299	7.56621	1.91357	289.807	158.831	6.55729	0.803157	1936.17	2.14870	13.4647
94/09	39.4411	7.55264	1.91637	291.742	159.049	6.55492	0.800065	1936.25	2.14834	13.4870
94/10	39.4401	7.50204	1.91672	293.745	159.294	6.56108	0.794364	1952.62	2.14734	13.4902
94/11	39.3855	7.49232	1.91426	294.888	159.486	6.57243	0.794537	1968.24	2.14556	13.4750
94/12	39.2942	7.49155	1.91135	295.266	160.814	6.58300	0.792076	1985.46	2.14012	13.4520
95/01	39.1627	7.49040	1.90123	295.700	164.519	6.57322	0.796967	1999.01	2.13128	13.3768
95/02	38.9137	7.46117	1.89007	297.011	164.235	6.57441	0.805134	2037.76	2.11882	13.3019
95/03	38.2423	7.41893	1.85278	301.423	169.269	6.56230	0.823971	2226.35	2.07746	13.0411
95/04	38.0913	7.29452	1.85233	301.839	166.666	6.50276	0.823342	2296.16	2.07414	13.0345
<b>Daily rates: 04-95</b>										
03/04	38.0556	7.32805	1.85033	302.683	170.510	6.47348	0.831460	2314.19	2.07194	13.0223
04/04	38.0604	7.33362	1.85148	302.810	170.167	6.48486	0.828531	2305.45	2.07304	13.0300
05/04	38.0523	7.31659	1.85021	302.275	169.815	6.47203	0.832907	2309.76	2.07183	13.0209
06/04	38.0807	7.30541	1.85292	302.399	168.814	6.45999	0.831457	2303.52	2.07433	13.0397
07/04	38.1321	7.29805	1.85648	302.042	167.278	6.45023	0.830921	2293.67	2.07799	13.0646
10/04	38.2135	7.31694	1.86015	301.900	166.111	6.46568	0.824105	2279.04	2.08295	13.0906
11/04	38.2230	7.31646	1.85998	301.506	165.992	6.47857	0.818889	2280.23	2.08289	13.0892
12/04	38.1613	7.28735	1.85623	301.271	166.202	6.48148	0.820981	2291.45	2.07882	13.0638
13/04	38.2198	7.29613	1.86013	301.862	164.526	6.47589	0.818023	2280.36	2.08284	13.0901
18/04	38.0365	7.28870	1.84929	301.066	166.056	6.51522	0.818167	2303.69	2.07083	13.0128
19/04	37.9457	7.27902	1.84555	301.101	166.923	6.52878	0.818715	2313.05	2.06629	12.9858
20/04	38.0204	7.27557	1.84784	301.645	165.787	6.53172	0.818488	2320.79	2.06837	13.0015
21/04	38.0538	7.26930	1.84943	301.463	165.365	6.53362	0.818266	2309.12	2.07047	13.0124
24/04	38.0259	7.27931	1.84771	301.449	165.287	6.53224	0.823478	2309.29	2.06866	13.0009
25/04	38.0616	7.28141	1.84945	301.732	165.483	6.53094	0.822949	2285.93	2.07128	13.0132
26/04	38.1109	7.26942	1.85176	301.835	165.831	6.52239	0.819760	2293.87	2.07413	13.0287
27/04	38.0954	7.27382	1.85147	302.009	165.197	6.53159	0.822706	2285.75	2.07407	13.0283
28/04	38.0946	7.28613	1.85150	302.052	164.633	6.58102	0.820360	2251.66	2.07381	13.0268




TABLE V

## ECU EXCHANGE RATES

	ESC	FMK	SKR	UKL	IKR	NKR	SFR	USD	YEN
	<b>Yearly averages</b>								
1985	130.251	4.69423	6.52133	0.588977	31.6485	6.51104	1.85572	0.763088	180.559
1986	147.088	4.97974	6.99567	0.671543	40.3813	7.27750	1.76086	0.984167	164.997
1987	162.616	5.06517	7.31001	0.704571	44.5548	7.76498	1.71780	1.154440	166.598
1988	170.059	4.94362	7.24192	0.664434	50.7794	7.70054	1.72822	1.182480	151.459
1989	173.413	4.72301	7.09939	0.673302	62.8909	7.60381	1.80010	1.101750	151.938
1990	181.109	4.85496	7.52051	0.713851	74.0013	7.94851	1.76218	1.273430	183.660
1991	178.614	5.00211	7.47926	0.701012	73.0052	8.01701	1.77245	1.239160	166.493
1992	174.714	5.80703	7.53295	0.737650	74.6584	8.04177	1.81776	1.298100	164.223
1993	188.370	6.69628	9.12151	0.779988	79.2528	8.30954	1.73019	1.170999	130.147
1994	196.896	6.19077	9.16307	0.775902	83.1063	8.37420	1.62128	1.189518	121.322
	<b>Monthly averages</b>								
94/04	197.568	6.25395	8.98059	0.768121	82.1372	8.39004	1.63898	1.139238	117.764
94/05	199.416	6.30027	8.98922	0.774348	82.6247	8.36832	1.64574	1.164411	120.752
94/06	199.872	6.41130	9.23676	0.775969	83.0688	8.37308	1.62707	1.183479	121.444
94/07	197.036	6.34957	9.47414	0.790531	83.7259	8.38725	1.61858	1.221921	120.452
94/08	195.458	6.28497	9.46219	0.793224	83.8548	8.39388	1.61245	1.223171	122.169
94/09	195.323	6.13805	9.30546	0.790235	83.8817	8.40546	1.59592	1.235352	122.091
94/10	195.865	5.89503	9.15188	0.785086	84.5405	8.34456	1.59428	1.260906	124.138
94/11	195.432	5.87027	9.14306	0.782510	84.0136	8.36564	1.61059	1.243707	121.875
94/12	195.995	5.89217	9.13679	0.779893	83.7467	8.33451	1.61623	1.215838	121.760
95/01	196.125	5.87763	9.26782	0.788296	84.2156	8.31546	1.59827	1.240814	123.743
95/02	195.479	5.84173	9.29914	0.800817	83.7854	8.29931	1.59976	1.258693	123.637
95/03	194.969	5.77063	9.58022	0.823015	84.5575	8.26319	1.54349	1.317064	119.299
95/04	195.756	5.73180	9.85460	0.833905	84.5598	8.31644	1.52628	1.341432	112.500
	<b>Daily rates: 04-95</b>								
03/04	195.953	5.81726	9.93344	0.832128	84.7980	8.29221	1.51752	1.344719	116.359
04/04	195.804	5.75123	9.91003	0.829867	84.4746	8.29618	1.51947	1.338741	115.868
05/04	195.738	5.74543	9.91430	0.835384	84.7255	8.28248	1.51657	1.348059	115.825
06/04	195.986	5.73362	9.94926	0.836680	84.6357	8.31560	1.52000	1.345131	115.143
07/04	195.808	5.71948	9.84423	0.837175	84.5944	8.30805	1.52475	1.345760	113.380
10/04	195.782	5.69405	9.75393	0.830293	84.2231	8.30951	1.52775	1.326975	110.165
11/04	195.968	5.69813	9.69343	0.827666	84.3958	8.31412	1.53156	1.320541	111.190
12/04	195.930	5.72137	9.72660	0.832731	84.5272	8.30853	1.52804	1.326541	111.522
13/04	195.121	5.72439	9.76190	0.831945	84.7230	8.31860	1.53703	1.329614	111.156
18/04	195.463	5.72277	9.86943	0.837783	84.6281	8.31842	1.52295	1.355785	109.995
19/04	195.403	5.72842	9.88322	0.839837	84.6534	8.31637	1.52243	1.354237	110.032
20/04	195.447	5.74075	9.88139	0.834054	84.1591	8.31965	1.52580	1.346331	111.974
21/04	195.674	5.75183	9.92538	0.833422	84.5669	8.32171	1.53044	1.336392	111.415
24/04	195.627	5.74867	10.03229	0.836831	84.7529	8.33196	1.52928	1.352151	112.472
25/04	195.705	5.74392	10.00111	0.837773	84.8867	8.33370	1.53207	1.353422	111.414
26/04	195.913	5.71780	9.87931	0.832556	84.4886	8.33774	1.52885	1.338751	112.120
27/04	196.109	5.70406	9.69865	0.833631	84.3518	8.33510	1.52838	1.343396	112.375
28/04	196.172	5.70917	9.72488	0.830535	84.4925	8.33609	1.53008	1.339238	112.590

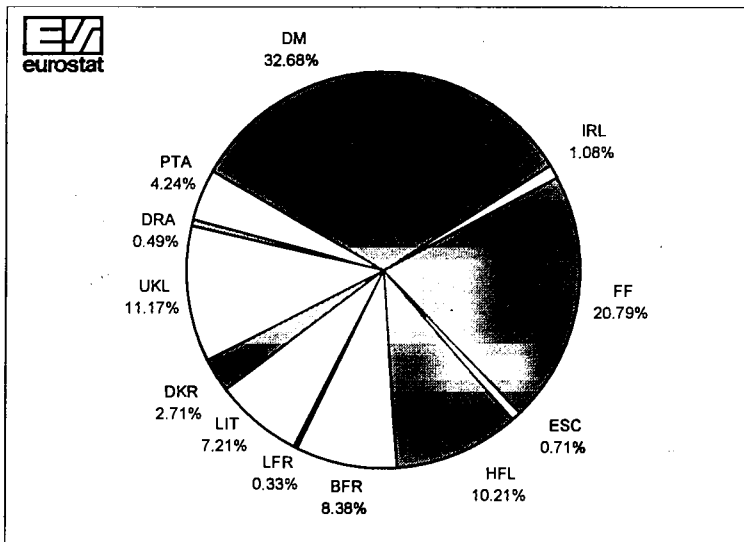
**TABLE VI**

**CENTRAL RATES AND INTERVENTION LIMIT RATES, IN FORCE SINCE 6TH MARCH 1995, FOR THE CURRENCIES OF COUNTRIES PARTICIPATING IN THE EMS EXCHANGE RATE MECHANISM.**

	1 ECU =		100 BLF =	100 DKR =	100 DM =	100 PTA =	100 FF =	1 IRL =	100 HFL =	100 ÖS =	100 ESC =
BLF	39.3960	+ = -	- - -	627.880 540.723 465.665	2395.20 2062.55 1776.20	28.1525 24.2447 20.8795	714.030 614.977 529.660	57.7445 49.7289 42.8260	2125.60 1830.54 1576.45	340.420 293.163 252.470	23.3645 20.1214 17.3285
DKR	7.28580	+ = -	21.4747 18.4938 15.9266	- - -	442.968 381.443 328.461	5.20640 4.48376 3.86140	132.066 113.732 97.9430	10.6792 9.19676 7.92014	393.105 338.537 291.544	62.9561 54.2170 46.6910	4.32100 3.72119 3.20460
DM	1.91007	+ = -	5.63000 4.84837 4.17500	30.4450 26.2162 22.5750	- - -	1.36500 1.17548 1.01230	34.6250 29.8164 25.6750	2.80000 2.41105 2.07600	103.058 <sup>1</sup> 88.7526 76.4326 <sup>1</sup>	16.5050 14.2136 12.2410	1.13280 0.975561 0.840100
PTA	162.493	+ = -	478.944 412.461 355.206	2589.80 2230.27 1920.70	9878.50 8507.18 7326.00	- - -	2945.40 2536.54 2184.40	238.175 205.113 176.641	8767.30 7550.30 6502.20	1404.10 1209.18 1041.30	96.3670 82.9927 71.4690
FF	6.40608	+ = -	18.8800 16.2608 14.0050	102.100 87.9257 75.7200	389.480 335.386 288.810	4.57780 3.94237 3.39510	- - -	9.38950 8.08631 6.96400	345.650 297.661 256.350	55.3545 47.6706 41.0533	3.79920 3.27188 2.81770
IRL	0.792214	+ = -	2.33503 2.01090 1.73176	12.6261 10.8734 9.36403	48.1696 41.4757 35.7143	0.566120 0.487537 0.419859	14.3599 12.3666 10.6500	- - -	42.7439 36.8105 31.7007	6.84544 5.89521 5.07688	0.469841 0.404620 0.348453
HFL	2.15214	+ = -	6.34340 5.46286 4.70454	34.3002 29.5389 25.4385	130.834 <sup>1</sup> 112.673 97.0325 <sup>1</sup>	1.53793 1.32445 1.14060	39.0091 33.5953 28.9381	3.15450 2.71662 2.33952	- - -	18.5963 16.0149 13.7918	1.27637 1.09920 0.946611
ÖS	13.4383	+ = -	39.6089 34.1107 29.3757	214.174 184.444 158.841	816.927 703.550 605.877	9.60338 8.27008 7.12200	243.586 209.773 180.654	19.6971 16.9629 14.6082	725.065 624.417 537.740	- - -	7.97000 6.86356 5.91086
ESC	195.792	+ = -	577.090 496.984 428.000	3120.50 2687.31 2314.30	11903.3 10250.5 8827.70	139.920 120.493 103.770	3549.00 3056.35 2632.10	286.983 247.145 212.838	10564.0 9097.55 7834.70	1691.80 1456.97 1254.70	- - -
DR	292.867 (notional)										
LIT	2106.15 (notional)										
UKL	0.786652 (notional)										

1 These buying and selling rates will not be operational. Reflecting a bilateral agreement between the German and the Dutch monetary authorities, the following rates will continue to apply:  
selling rate Fl. 100 in Frankfurt: DM 90.7700; buying rate Fl. 100 in Frankfurt: DM 86.7800;  
selling rate DM 100 in Amsterdam: Fl. 115.235; buying rate DM 100 in Amsterdam: Fl. 110.1675.

**WEIGHTS OF COMPONENT CURRENCIES IN THE ECU, CALCULATED ON THE BASIS OF CENTRAL RATES IN FORCE SINCE 6/03/95**



**COMPOSITION OF THE ECU BASKET**

Since 21/09/1989
0.6242 DM
1.332 FF
0.2198 HFL
3.301 BFR
0.13 LFR
151.8 LIT
0.1976 DKR
0.008552 IRL
0.08784 UKL
1.44 DRA
6.885 PTA
1.393 ESC
<b>= 1 ecu</b>



TABLE VIII

## CENTRAL BANK INTEREST RATES

eurostat	B				DK			D				GR			E		
	DR	AUCT	AR	CR	DR	REPO	CD	DR	LR	REPO	3D TB	DR	LR	OR	REPO	AR	
RATES AT THE END OF:																	
04.94	4.75	5.60	7.10	5.60	5.25	5.90	5.90	5.00	6.50	5.47	5.30	21.50	25.50	30.00	7.75	7.85	04.94
05.94	4.50	5.25	6.75	5.25	5.00	5.60	5.60	4.50	6.00	5.20	5.30	22.50	26.50	33.00 <sup>*</sup>	7.50	7.55	05.94
06.94	4.50	5.00	6.45	4.95	5.00	5.60	5.60	4.50	6.00	4.96	5.30	22.50	26.50	33.00 <sup>*</sup>	7.50	7.55	06.94
07.94	4.50	4.85	6.35	4.85	5.00	5.50	5.50	4.50	6.00	4.85	5.30	22.50	26.50	33.00	7.50	7.55	07.94
08.94	4.50	4.85	6.35	4.85	5.00	5.50	5.50	4.50	6.00	4.85	4.50	22.50	26.50	33.00	7.35	7.40	08.94
09.94	4.50	4.85	6.35	4.85	5.00	5.50	5.50	4.50	6.00	4.85	4.50	21.50	25.00	30.00	7.35	7.40	09.94
10.94	4.50	4.85	6.35	4.85	5.00	5.50	5.50	4.50	6.00	4.85	4.50	21.50	25.00	30.00	7.35	7.40	10.94
11.94	4.50	4.85	6.35	4.85	5.00	5.50	5.50	4.50	6.00	4.85	4.50	20.50	24.00	30.00	7.35	7.40	11.94
12.94	4.50	4.85	6.35	4.85	5.00	5.50	5.50	4.50	6.00	4.85	4.50	20.50	24.00	30.00	7.35	7.40	12.94
01.95	4.50	4.85	6.35	4.85	5.00	5.50	5.50	4.50	6.00	4.85	4.50	20.50	24.00	30.00	8.00	8.05	01.95
02.95	4.50	4.85	6.35	4.85	5.00	5.50	5.50	4.50	6.00	4.85	4.50	20.50	24.00	30.00	8.00	8.05	02.95
03.95	4.00	5.85	7.25	5.25	6.00	7.00	7.00	4.00	6.00	4.85	4.50	20.50	24.00	28.00	8.50	8.55	03.95
04.95	4.00	4.75	6.25	4.75	6.00	6.50	6.50	4.00	6.00	4.51	4.50	20.50	24.00	28.00	8.50	8.55	04.95
RECENT ACTUAL CHANGES																	
01.03.95																	01.03.95
02.03.95																8.06	02.03.95
03.03.95																8.05	03.03.95
06.03.95																8.55	06.03.95
07.03.95																	07.03.95
08.03.95			7.85	5.85	6.00	7.00	7.00										08.03.95
09.03.95																	09.03.95
10.03.95																	10.03.95
13.03.95		5.85															13.03.95
14.03.95														8.50			14.03.95
15.03.95															8.71		15.03.95
16.03.95															8.55		16.03.95
17.03.95																	17.03.95
20.03.95																	20.03.95
21.03.95																	21.03.95
22.03.95																	22.03.95
23.03.95																	23.03.95
24.03.95																	24.03.95
27.03.95																	27.03.95
28.03.95																	28.03.95
29.03.95																	29.03.95
30.03.95																	30.03.95
31.03.95	4.00		7.25	5.25				4.00						28.00			31.03.95
03.04.95		5.25															03.04.95
04.04.95																	04.04.95
05.04.95									4.50								05.04.95
06.04.95			6.75	5.00		6.75											06.04.95
07.04.95							6.75										07.04.95
10.04.95		5.00															10.04.95
11.04.95																	11.04.95
12.04.95			6.25	4.75													12.04.95
13.04.95																	13.04.95
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18.04.95																	18.04.95
19.04.95									4.51								19.04.95
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25.04.95																	25.04.95
26.04.95																	26.04.95
27.04.95						6.50											27.04.95
28.04.95							6.50										28.04.95

Please see explanatory notes at the end of the publication for the key to the various rates. Data series with the same abbreviation are not necessarily internationally comparable.

\* This rate of 33% was also subject to a surcharge of 0.4% daily from the 16/05/94 - 30/05/94, which was reduced to 0.3% daily on 31/05/94 and to 0.1% daily on 21/6/94.

TABLE VIII

## CENTRAL BANK INTEREST RATES

eurostat	F		IRL	I			NL		A			P					
	AUCT	REPO	STF	DR	LR	REPO*	SPR	AR	DR	LR	REPO	PR R	SFR	DR R	DRO	PRO	
RATES AT THE END OF:																	
04.94	5.70	6.75	6.50	7.50	8.50	7.95	5.30	4.75	4.75	5.75	5.30	11.00	12.00	susp	10.500	11.250	04.94
05.94	5.40	6.40	6.25	7.00	8.00	7.60	5.10	4.50	4.50	5.50	5.00	susp	susp	susp	9.125	10.805	05.94
06.94	5.20	6.40	6.25	7.00	8.00	8.00	4.90	4.50	4.50	5.50	4.90	susp	susp	susp	12.500	12.236	06.94
07.94	5.00	6.40	6.25	7.00	8.00	7.95	4.80	4.50	4.50	5.50	4.70	susp	13.00	10.50	11.000	10.791	07.94
08.94	5.00	6.40	6.25	7.50	8.50	8.00	4.80	4.50	4.50	5.50	4.70	susp	12.00	9.25	9.750	9.924	08.94
09.94	5.00	6.40	6.25	7.50	8.50	8.20	4.80	4.50	4.50	5.50	4.70	susp	11.50	8.75	8.750	9.250	09.94
10.94	5.00	6.40	6.25	7.50	8.50	8.30	4.80	4.50	4.50	5.50	4.70	susp	11.50	8.50	8.750	9.000	10.94
11.94	5.00	6.40	6.25	7.50	8.50	8.25	4.80	4.50	4.50	5.50	4.70	susp	11.50	8.50	8.500	8.875	11.94
12.94	5.00	6.40	6.25	7.50	8.50	8.35	4.80	4.50	4.50	5.50	4.70	susp	11.50	8.50	8.500	8.875	12.94
01.95	5.00	6.40	6.25	7.50	8.50	8.45	4.80	4.50	4.50	5.50	4.70	susp	11.50	8.50	8.500	8.875	01.95
02.95	5.00	6.40	6.25	8.25	10.00	8.85	4.80	4.50	4.50	5.50	4.70	susp	11.50	8.50	8.500	8.875	02.95
03.95	5.00	susp	7.25	8.25	10.00	:	4.50	4.00	4.00	5.25	4.45	susp	11.50	8.50	8.500	9.851	03.95
04.95	5.00	susp	7.25	8.25	10.00	:	4.40	4.00	4.00	5.25	4.45	susp	11.50	8.50	8.500	9.003	04.95
RECENT ACTUAL CHANGES																	
01.03.95						10.00											01.03.95
02.03.95						9.85											02.03.95
03.03.95																	03.03.95
06.03.95			6.75														06.03.95
07.03.95																8.838	07.03.95
08.03.95		susp				10.20										11.563	08.03.95
09.03.95			7.25													11.500	09.03.95
10.03.95						10.10											10.03.95
13.03.95																	13.03.95
14.03.95																10.775	14.03.95
15.03.95						10.25											15.03.95
16.03.95						10.40											16.03.95
17.03.95																	17.03.95
20.03.95																	20.03.95
21.03.95						10.60										9.969	21.03.95
22.03.95						10.05											22.03.95
23.03.95																9.540	23.03.95
24.03.95						10.25										9.650	24.03.95
27.03.95																	27.03.95
28.03.95																9.405	28.03.95
29.03.95																9.281	29.03.95
30.03.95																9.851	30.03.95
31.03.95							4.50	4.00	4.00	5.25	4.45						31.03.95
03.04.95																	03.04.95
04.04.95																	04.04.95
05.04.95																9.001	05.04.95
06.04.95																9.009	06.04.95
07.04.95																9.000	07.04.95
10.04.95																	10.04.95
11.04.95																	11.04.95
12.04.95																	12.04.95
13.04.95							4.40									9.066	13.04.95
14.04.95																	14.04.95
17.04.95																9.052	17.04.95
18.04.95																9.000	18.04.95
19.04.95																	19.04.95
20.04.95																9.010	20.04.95
21.04.95																9.000	21.04.95
24.04.95																	24.04.95
25.04.95																	25.04.95
26.04.95																	26.04.95
27.04.95																9.003	27.04.95
28.04.95																	28.04.95

Please see explanatory notes at the end of the publication for the key to the various rates. Data series with the same abbreviation are not necessarily internationally comparable.

\* Data for March, April not yet available

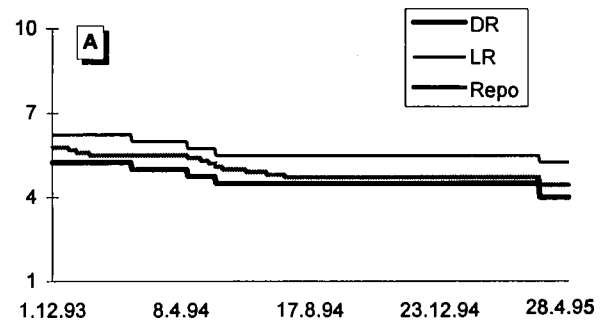
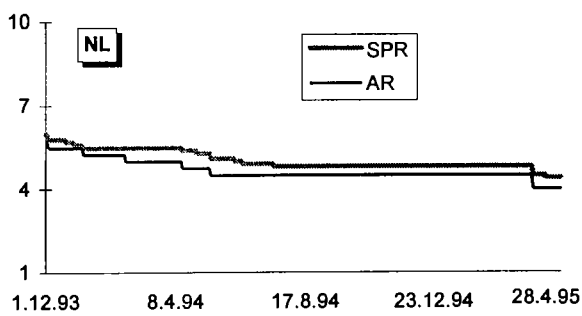
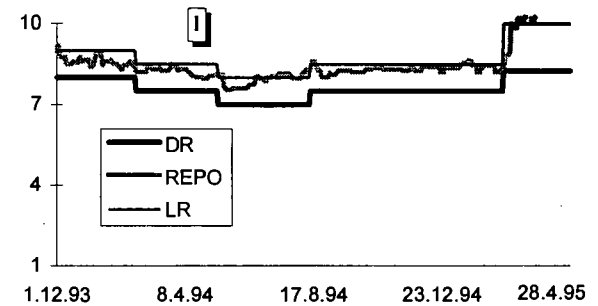
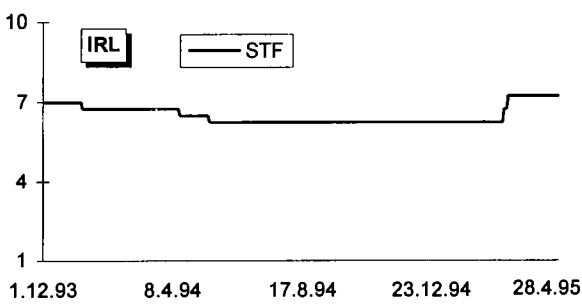
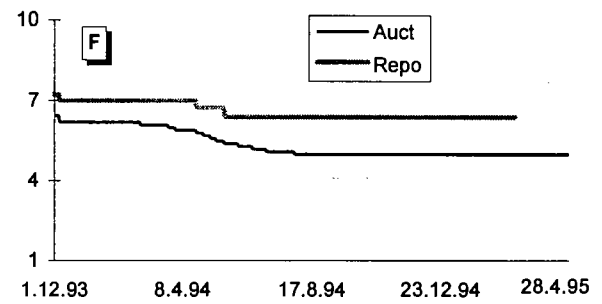
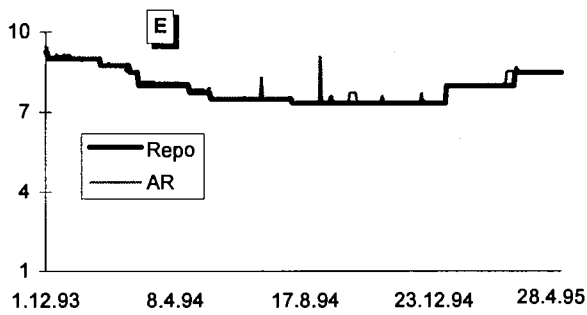
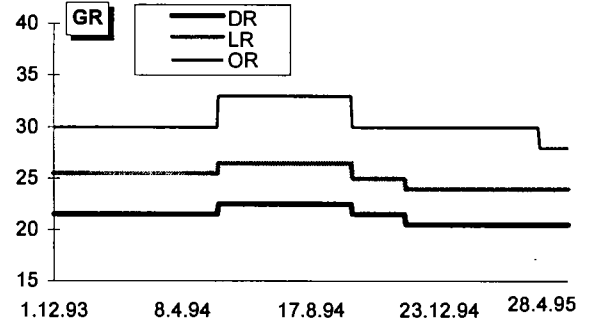
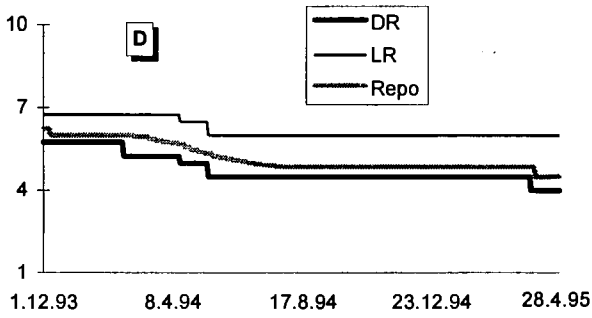
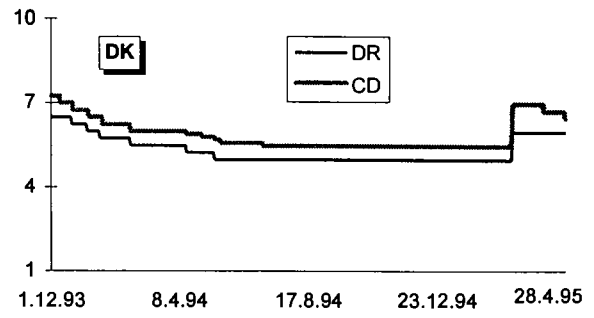
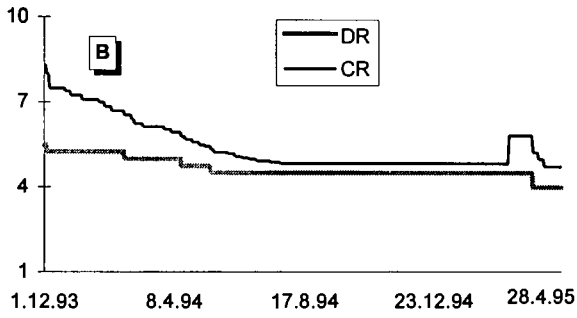
TABLE VIII

## CENTRAL BANK INTEREST RATES

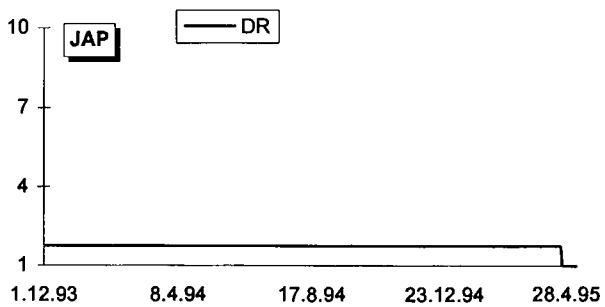
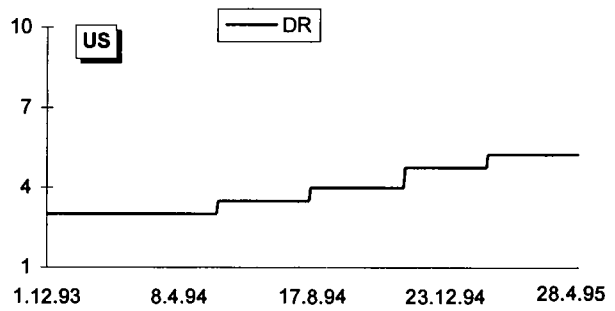
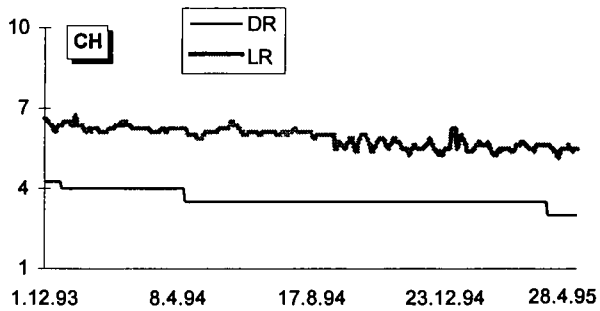
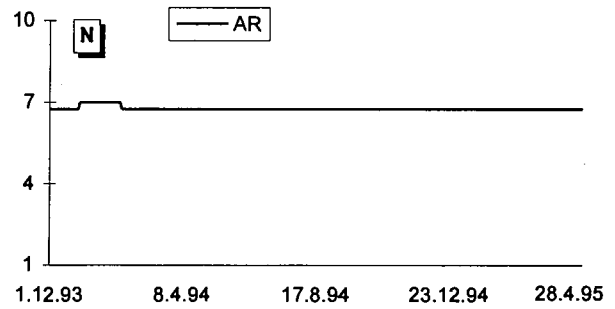
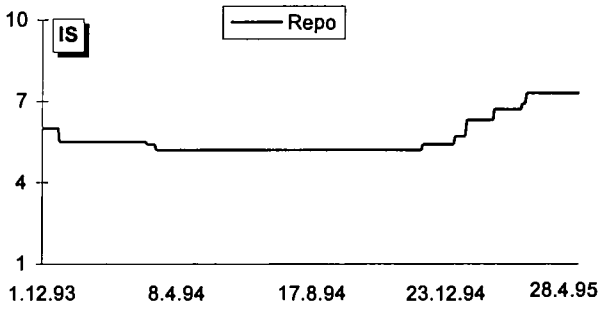
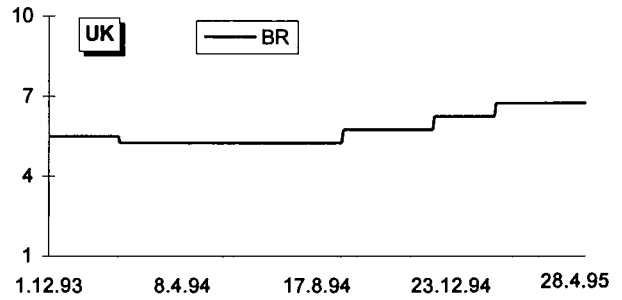
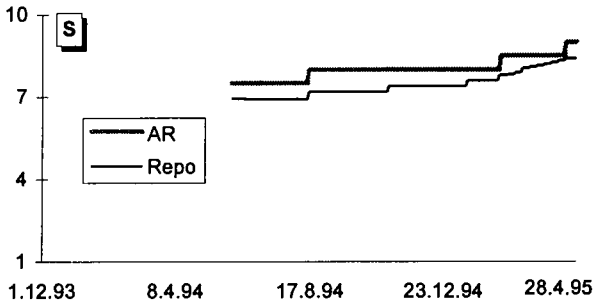
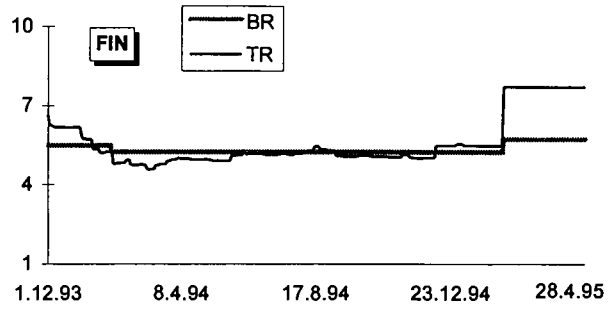
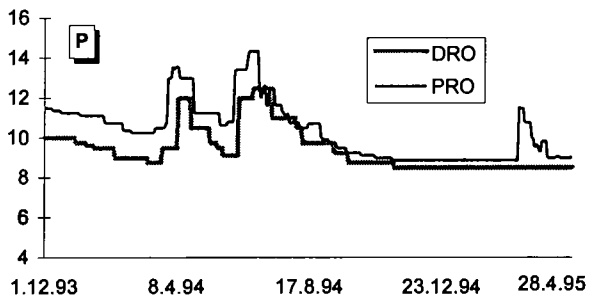
eurostat	FIN			S				UK	IS				N	CH		US	JAP	
	BR	TR	AR	DR	AR	REPO	IBR	BR	DR	REPO	CD	AR	DR	LR	DR	DR		
<b>RATES AT THE END OF:</b>																		
04.94	5.25	4.97	6.97	4.50				8.65	5.25		5.20	4.00	6.75	3.50	5.880	3.00	1.75	04.94
05.94	5.25	5.13	7.13	4.50				8.65	5.25		5.20	4.00	6.75	3.50	6.500	3.50	1.75	05.94
06.94	5.25	5.15	7.15	4.50	7.50	6.92	9.70	5.25	4.40	5.20	4.00	6.75	3.50	6.125	3.50	1.75	06.94	
07.94	5.25	5.20	7.20	5.50	7.50	6.92	10.40	5.25	4.40	5.20	4.00	6.75	3.50	6.250	3.50	1.75	07.94	
08.94	5.25	5.31	7.31	5.50	8.00	7.20	11.15	5.25	4.40	5.20	4.00	6.75	3.50	6.000	4.00	1.75	08.94	
09.94	5.25	5.12	7.12	5.50	8.00	7.20	11.14	5.75	4.40	5.20	4.00	6.75	3.50	5.750	4.00	1.75	09.94	
10.94	5.25	5.05	7.05	7.00	8.00	7.20	10.93	5.75	4.40	5.20	4.00	6.75	3.50	5.500	4.00	1.75	10.94	
11.94	5.25	5.02	7.02	7.00	8.00	7.40	10.45	5.75	4.40	5.20	4.00	6.75	3.50	5.500	4.75	1.75	11.94	
12.94	5.25	5.55	7.55	7.00	8.00	7.60	10.50	6.25	4.70	5.40	4.60	6.75	3.50	6.250	4.75	1.75	12.94	
01.95	5.25	5.50	7.50	7.00	8.00	7.60	10.55	6.25	5.50	6.30	4.90	6.75	3.50	5.630	4.75	1.75	01.95	
02.95	5.25	5.75	7.75	7.00	8.50	7.83	10.30	6.75	5.50	6.70	4.90	6.75	3.50	5.500	5.25	1.75	02.95	
03.95	5.25	5.75	7.75	7.00	8.50	8.20	10.75	6.75	6.40	7.30	4.90	6.75	3.00	5.625	5.25	1.75	03.95	
04.95	5.25	5.75	7.75	7.00	9.00	8.41	10.85	6.75	6.40	7.30	4.90	6.75	3.00	5.500	5.25	1.00	04.95	
<b>RECENT ACTUAL CHANGES</b>																		
01.03.95						7.90								5.625			01.03.95	
02.03.95																	02.03.95	
03.03.95																	03.03.95	
06.03.95									6.90					5.750			06.03.95	
07.03.95																	07.03.95	
08.03.95						8.05											08.03.95	
09.03.95														5.625			09.03.95	
10.03.95							10.75		6.40	7.30							10.03.95	
13.03.95														5.500			13.03.95	
14.03.95																	14.03.95	
15.03.95						8.10											15.03.95	
16.03.95																	16.03.95	
17.03.95														5.375			17.03.95	
20.03.95														5.500			20.03.95	
21.03.95														5.625			21.03.95	
22.03.95						8.15											22.03.95	
23.03.95																	23.03.95	
24.03.95																	24.03.95	
27.03.95																	27.03.95	
28.03.95																	28.03.95	
29.03.95						8.20											29.03.95	
30.03.95																	30.03.95	
31.03.95													3.00				31.03.95	
03.04.95																	03.04.95	
04.04.95														5.500			04.04.95	
05.04.95						8.27											05.04.95	
06.04.95														5.375			06.04.95	
07.04.95																	07.04.95	
10.04.95							10.80							5.250			10.04.95	
11.04.95														5.125			11.04.95	
12.04.95						8.34								5.250			12.04.95	
13.04.95							10.85							5.500			13.04.95	
14.04.95																1.00	14.04.95	
17.04.95																	17.04.95	
18.04.95																	18.04.95	
19.04.95					9.00	8.41											19.04.95	
20.04.95														5.625			20.04.95	
21.04.95														5.500			21.04.95	
24.04.95																	24.04.95	
25.04.95														5.375			25.04.95	
26.04.95														5.500			26.04.95	
27.04.95																	27.04.95	
28.04.95																	28.04.95	

Please see explanatory notes at the end of the publication for the key to the various rates. Data series with the same abbreviation are not necessarily internationally comparable.

EVOLUTION OF CENTRAL BANK INTEREST RATES OVER THE LAST 12 MONTHS



EVOLUTION OF CENTRAL BANK INTEREST RATES OVER THE LAST 12 MONTHS





## EXPLANATORY NOTES

### Ecu bond issues (Tables I & II)

In table I, issues are recorded as at the payment date. This bulletin covers ecu issues in the Eurobond market, which includes international and foreign issues and domestic issues which can be assimilated with Eurobond issues. More specifically, the domestic issues should be free of withholding tax in the hands of non-residents and subject to similar clearing and settlement procedures. This includes ecu issues offering the option of conversion into other currencies. Main source: International Financing Review.

Table I 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...

Table II shows detailed information on the latest known issues, irrespective of the payment date.

### Consumer price indices in national currency (Table III)

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 15) and the nine Member States with currencies participating in the European Monetary System exchange rate mechanism (ERM). (Although the peseta has been participating in the exchange rate mechanism since 19/06/89 and has been included in the calculation of the ecu since 21/09/89, it is only taken into account in the indices relating to the ERM which are included in this bulletin for data after 30/09/89.)

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 15, ERM), expressed in purchasing power standards, at current prices and purchasing power parities.

### Consumer price indices in ecus (Table IV)

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 15 and ECU) and the 9 Member States participating in the European Monetary System exchange rate mechanism (ERM). (Although the peseta has been participating in the exchange rate mechanism since 19/06/89 and has been included in the calculation of the ecu since 21/09/89, it is only taken into account in the indices relating to the ERM which are included in this bulletin for data after 30/09/89.)

These three indices are calculated as weighted arithmetic means (chain-indices). The weightings are defined as follows: for the EUR 15 and ERM indices, the relative share of each Member State in the final consumption of households for the group of countries in question (EUR 15 or ERM), 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 exchange rates (Table V)

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

### Bilateral currency deviation (graphs on page 4)

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.

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.

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.

This graph 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.

The daily market exchange rates of all currencies are compared with the relevant bilateral central rates and the differentials between the two calculated.

The maximum fluctuation between two currencies 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.

The curves are drawn by linking the daily points showing the relative positions of each currency.

For the UKL, LIT and DR, this is based on their notional ERM central rates.

### Exchange rate grid (Table VI)

The intervention limit rates fixed in the official grid do not always correspond exactly to + or - 15 % of the central rates, since for each currency pair (whose exchange rates are inversely proportional to one another) the lower limit of one corresponds to the upper limit of the other.

### Interest rates and yields on ecu investments (Table VII)

The interest rates for 1, 3, 6 months and 1 year deposits are calculated on the basis of the London market rates LIBID as follows:

- until October 1993: source: Financial Times, Friday rate.
- from November 1993: source : Bank of England, British Banker's Association, daily rates.

The yields of ecu bonds at 1 - 10 years are those provided by Eurostat's yield curve. These are redemption yields. Eurostat's yield curve, which portrays the interest rate structure of maturities ranging from 1 to 10 years, is based on highest quality issues with a triple-A rating of at least ecu 500 million outstanding, with a very high liquidity (bid-offer spread less than 50 basis points). The curve is calculated daily by fitting a third order polynomial function by regression to the price/yield values of bonds provided by ISMA (International Securities Market Association, London). These values reflect the mean of bid and offer prices communicated by a comprehensive range of financial institutions. The monthly figures included in the table are the arithmetic average of daily figures and the yearly figures are the arithmetic average of daily figures.

### Operations rates of the EMI (Table VII)

The interest rate for transactions of the EMI (European Monetary Institute) in ecus is the weighted average of the most representative rates on the domestic money market of the countries whose currencies make up the ecu basket. It is based on the weighting of the currencies in the ecu basket as derived from the ecu central rates in force. The rate thus calculated for a given month applies to EMI transactions for the following month. In table VII, this rate relates to the month upon which the calculations are based and not to the (following) month during which it is used by the EMI.

## Central Bank Interest Rates in the EEA countries, in the US, Japan and Switzerland (Table VIII)

### BELGIUM

#### Official intervention rates:

**Discount rate (DR):** rate at which credit institutions can discount commercial paper at the BNB within the ceilings fixed individually according to balance sheet items.

**1-week credit granted by tender (AUCT):** rate at which the BNB grants cash by tender to credit institutions. The duration of these loans is generally 1 week but can be longer under particular circumstances.

**Advances to meet daily deficits (AR):** rate at which credit institutions receive money from the BNB within quotas which vary between credit institutions according to balance sheet items and to turnover in the secondary market for government debt-securities.

**Central Bank rate (CR):** rate at which Primary dealers<sup>1</sup> receive overnight money, up to a fixed maximum which is the same for each Primary dealer, from the BNB. This rate will be the next rate applied to the 1-week credit granted by tender.

### DENMARK

#### Intervention rates:

**Discount rate (DR):** indicative rate which is not attached to any facility with the Danmarks Nationalbank. Within quotas based on the size of the individual bank, deposits on banks' current account with the Danmarks Nationalbank are remunerated by the folio rate. This rate has been equal to the discount rate since the introduction of the present liquidity instruments in April 1992.

**Certificates of deposit (CD):** rate on 14-day certificates of deposit issued on the last banking day of each week by the Nationalbank.

**Repurchase agreements (REPO):** rate at which the banks have access to enter into 14-day repurchase agreements in government paper with the Nationalbank. These transactions take place on the penultimate banking day of each week, affecting bank liquidity the following day. The interest rate on repos has equalled the rate on CDs since April 1992.

### GERMANY

#### Intervention rates:

**Discount rate (DR):** rate at which the Bundesbank discounts eligible trade bills within the limits of the rediscount quotas.

<sup>1</sup> Primary dealers are market makers for government linear bonds (OLO) and Treasury certificates.

**Lombard rate (LR):** rate at which the Bundesbank grants loans to banks against certain securities. These loans have a maturity of up to 90 days and are granted against collateral of government and public sector securities.

**Rate on repurchase agreements (REPO):** rate applied to the Bundesbank's repurchase facility. The Bundesbank buys bonds eligible as collateral for Lombard loans and short-term Treasury discount paper from those banks subject to minimum reserve requirements. These transactions are usually offered by fixed-rate tender or by variable-rate tender for a period of 14, 28 or 35 days.

**Other rate:**

**3-day Treasury bills (3D TB):** rate on bills that can be bought or sold by a specific list of banks. This establishes a floor for the cost of short-term money in addition to the fixed amount provided by the discount window.

## GREECE

**Intervention rates:**

**Rediscount rate (DR):** rate at which the Bank of Greece rediscounts commercial bills. This facility is subject to overall quotas which are allocated among credit institutions according to criteria relating to the size of certain balance sheet items.

**Lombard rate (LR):** rate at which the Bank of Greece grants liquidity to banks against collateral of government paper. As for the discount window, this facility is subject to overall quotas which are allocated among credit institutions according to criteria relating to the size of certain balance sheet items.

**Rate on overdrafts on banks' current accounts with the Bank of Greece (OR):** rate at which credit institutions can cover unexpected liquidity shortages by overdrawing their current accounts with the Bank of Greece.

## SPAIN

**Intervention rates:**

**Short-term credit to banks (REPO):** marginal auction rate of 10-day repo purchases of Banco de España certificates. The Bank of Spain purchases the certificates (with a resale agreement at the maturity of the operation) from banks and savings banks according to the requirements accepted in the auction.

**Rate on overnight loans granted by the Banco de España (AR):** this rate is considered as being an unofficial intervention rate, but is often used by the Banco de España as an instrument of its monetary policy. It is the rate at which the Banco de España intervenes in the money market. Market makers are asked to make bids in terms of amounts and rates, and the Bank of Spain decides at which point operations should be closed.

The rate published here is the average weighted rate resulting from the intervention

## FRANCE

**Intervention rates:**

**Auction (AUCTION):** twice a week, the Central Bank invites tenders (against collateral) in order to assess credit institutions' demand for Central Bank money. After a centralisation of the requests, the Central Bank will only allocate a proportion of them. The rate is, in practice, known in advance and is intended as a floor for money market rates.

**Sales with repurchase agreements (REPO):** rate at which banks get liquidity from the Central Bank against Treasury bills or commercial paper. This emergency facility carries a penalty rate that is designed as a ceiling for market rates.

## IRELAND

**Intervention rate:**

**Short-term facility rate (STF):** rate at which the Central Bank grants short-term credits to banks for a period of between 1 day and 1 week.

## ITALY

**Intervention rates:**

**Discount rate (DR):** rate at which the Banca d'Italia discounts commercial bills.

**Fixed-maturity advances rate (LR):** rate charged by the Banca d'Italia for advances with a maximum maturity of 22 days against eligible securities for special short-term needs.

**Other rate:**

**Repurchase agreements (REPO):** the Bank of Italy intervenes when it perceives the need to add or drain liquidity, in view of its targets in terms of money rates and sales of government securities. The repo allocation is based on variable rates. Foreign currency repos are also conducted, in addition to the securities repos.

## NETHERLANDS

**Intervention rates:**

**Discount rate (DR):** rate at which the Central Bank discounts Treasury paper and approved bills of exchange with a remaining maturity not exceeding 3 months. From 1 January 1994, the Central Bank no longer accepts paper for discounting and thus this rate no longer exists. Data until 12/93 are available on request from Eurostat.

**Rate on special advances (SPR):** rate charged by the Central Bank to financial institutions for short-term advances.

**Official advance rate (AR):** rate at which advances on current account against collateral are mainly granted, within a certain limit, to registered credit institutions and a number of public and semi-public financial institutions. This rate establishes a floor for money market rates.

**Rate on discount of promissory notes (PRNT):** rate serving as a benchmark for commercial rates. From 1 January 1994, the discount rate on promissory notes is maintained as an interest rate, given its use as a reference rate for legal purposes, but it will no longer be published. It is equal to the prevailing rate on advances plus 0.5 percentage points. Data until 12/93 are available on request from Eurostat.

## AUSTRIA

### Intervention rates

**Discount rate (DR):** rate at which the Central Bank rediscounts bills of exchange. To qualify for discounting, the paper presented must fulfil certain eligibility requirements. Refinancing ceilings for individual banks are determined on the basis of specified balance sheet items.

**Lombard rate (LR):** rate at which the Central Bank grants loans to banks against collateral. Since this rate is a penalty rate, it is higher than both the discount and the Gomex rate.

**Gomex rate (REPO):** rate applied to the Central Bank open market operations. Within each bank's refinancing quota, the Central Bank conducts open market transactions in fixed income securities issued by residents or supra-national organisations, denominated in Austrian shillings and listed on the Vienna stock exchange or in cash certificates issued by the central bank.

## PORTUGAL

### Intervention rates:

**Regular rate for liquidity provision (PR R):** rate at which the Banco de Portugal supplies liquidity to the money market. The regular operations take place on the first working day of each regular maintenance period (1 week) and mature in the first working day of the subsequent period. When the regular rate for liquidity provision is suspended, the Banco de Portugal can also conduct operations at a variable rate, which take place on the first working day of the regular maintenance period. These data are not given here but are available from Eurostat.

**Standing facility rate (SFR):** the standing facility refers to liquidity provision operations which mature on the next working day following the day on which transaction takes place, and which take place at the pre-announced rate. The institutions' access to this facility is limited by way of a quota, established on the beginning of each month as a percentage of the total amount of the facility (currently 100 billions of escudos).

**Regular liquidity draining rate (DR R):** rate at which the Banco de Portugal withdraws liquidity from the money market by selling Treasury bills with repurchase agreement or Central Banks monetary certificates. The regular operations take place on the first working day of each regular maintenance period (1 week) and mature in the first working day of the subsequent period.

### Other rates:

**Occasional operations of liquidity draining (DR O):** the Banco de Portugal also conducts occasional operations of liquidity draining with a view to stabilising the money market.

**Occasional operations of liquidity provision (PR O):** the Banco de Portugal also conducts occasional operations of liquidity provision with a view to stabilising the money market.

## FINLAND

**Base rate (BR):** the base rate is an administered interest rate set by the Parliamentary Supervisory Board. Its importance has diminished along with the developments of markets in Finland. Nonetheless, it is still of importance since a fairly large proportion of deposits and outstanding loans are tied to it, and these rates are adjusted whenever there is a change in the base rate.

**Tender rate (TR):** rate determined by tenders held by the Central Bank in which banks are asked to make bids or offers for money market instruments with a maturity of 1 month. The tender rate is a weighted average of accepted bids or offers.

### Other rates:

**Liquidity credit rate (AR):** rate charged to banks by the Bank of Finland for loans with a maturity of 1 day, 7 days, 14 days, 21 days and 28 days. The rate is the sum of the tender rate and the interest rate margin for credit liquidity. The liquidity credit has replaced the overnight facility.

## SWEDEN

### Intervention rates:

**Lending rate (AR):** rate at which the Riksbank supplies cash to banks. Each bank has a borrowing facility equivalent to 4% of its capital base; terms for any borrowing in excess of this amount are determined at the discretion of the Riksbank.

### Other rates:

**Repo rate (Repo):** rate applied to the Riksbank's operations on repurchase agreement. These transactions are usually offered on Tuesdays for a period of 14 days. The repo rate fluctuates in a band between the lending and the deposit rates.

**Discount rate (DR):** from the second quarter of 1992, the discount rate should be regarded solely as a reference rate. It is determined at the beginning of each quarter solely on the basis of interest rates in the preceding quarter. It is computed as a weighted average of the daily market rates for 6-month Treasury discount notes and 5-year government bonds in the preceding quarter less two and a half percentage points, rounded to the nearest whole or half point.

**Rate for industrial bonds (IBR):** this is an administratively determined interest rate. It is the rate at which industrial bonds with an interest period of 2.5 years are adjusted.

The structure of Swedish central bank rates was changed from 1.6.94. Data on the marginal rate for the period 9.92 to 5.94 are available from Eurostat.

#### UNITED KINGDOM

Until 1981, the Bank of England used an official continuously posted rate to signal its interest rate intentions. This was called the Minimum Lending Rate and was the rate at which the Bank of England lent to the discount houses. Since then its intentions have been signalled on most days by the rate at which it purchases bills in bands 1 and 2 (ie up to one month in maturity); but recently it has tended to announce interest rate changes by posting a Minimum Lending Rate, applying now for one day only.

The other key rate in the UK financial markets is the Base Rate, which represents the average of the base lending rate of four selected retail banks (Barklays, Lloyds, Midland and National Westminster), which is a good indicator of the broad level of interest rates.

#### ICELAND

**Discount rate (DR):** Rate on loans within quota. Banks are able to obtain short-term credits within this quota.

**Repurchase agreements (Repo) rates:** rates on 10 (30) day repos, when the Central Bank purchases Treasury bills (other Government or Government guaranteed securities) with a repurchase condition.

**Certificates of deposit (CD) rate:** a fixed rate on 45 day CDs issued by the Central Bank

#### NORWAY

**Intervention rate:**

**Overnight lending rate (AR):** rate at which commercial and saving banks can borrow from the Norges Bank on a day to day basis. The ceiling on loans available for each half-month is set in percent of the banks' capital base, excluding subordinated loan capital.

#### SWITZERLAND

**Discount rate (DR):** rate at which the Central Bank discounts bills of exchange, cheques, Treasury bills issued by the Confederation and bills issued by the Cantons and Communes. The maturity of discounted paper may not exceed 6 months. For each institution, the Central Bank sets a discounting limit which it reviews periodically and adjusts when necessary.

**Lombard rate (LR):** rate at which the Central Bank grants loans to banks against collateral. This rate is a penalty rate against banks which have underestimated their liquidity needs. It is calculated on the basis of the market rates of the two previous days plus 2 points.

#### UNITED STATES

**Discount rate (DR):** rate at which the Federal Reserve Banks discount eligible paper for, and make advances to, depository institutions.

#### JAPAN

**Discount rate (DR):** rate at which the Bank of Japan discounts commercial bills.



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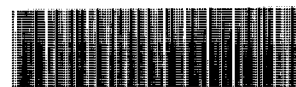
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