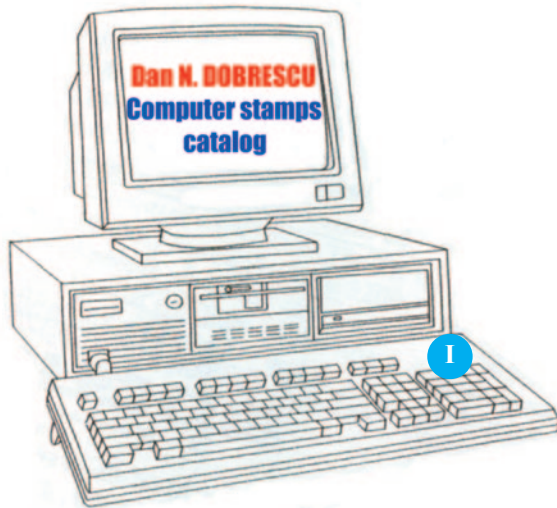


John F. KENNEDY (1963)

« Man is still the most extraordinary computer of all »



**Descrierea CIP a Bibliotecii Naționale
DOBRESCU, DAN N.**

Computer stamps catalog

Dan N. DOBRESCU, - Botoșani, AXA, 2020

Bibliogr.

Index

ISBN 978 - 973 - 660 - 425 - 6

978 - 973 - 660 - 426 - 3 (tome I)

Cover	Ioan DANILIUC, MD
Make-up	László KÁLLAI
Translation	Dan N. DOBRESCU
Checking english version	Dana - Ileana WILLIAMS, MD
Publishing house	AXA, Botoșani, Romania
Manager	Coriolan CHIRICHEȘ

© Dan N. DOBRESCU - Computer stamps catalog

All right reserved. No part of this publication may be reproduced without the prior permission of the author.

The catalog contains a story about the history of calculating tools and devices, the evolution of computers from the hand to the first calculating device, computer applications, computer industry and the implications of the computer technology in our lives, the information technology speeds up our society.

This catalog has been created to help all collectors of *Computer stamps*.

The catalog is structured on two levels: by country and by subjects.

Prices are indicated in €.

Classification:

The *classification by country* from A to Z is starting with: 1st - the name of the country, 2nd - the year and the name of each stamp issue, 3rd - the catalog number in the present edition and the price, 4th - the face value and the subject of the stamp, 5th - the *Scott* and respectively, the *Michel* catalogues numbers. On the right or left, or up or bottom is the photo of a stamp.

The *classification by subjects* - categories is starting with scientific informations and data concerning the year of issue, the country and the present catalog number (Cat. No.).

Reproduction of the stamps is making made at a different scale.

The author



Abbreviations:

CAD	Computer Aided Design
CD	Compact Disks
COB	Belgium catalog
CVP	Computer Vended Postage
FDC	First Day Cover
FO	Optical fibre cable
f.p.	Fan Price
GPS	Global Positioning System
IC	Integrated Circuit
ILO	International Labour Organisation
ILR	International Letter Rate
ISY	International Space Year
IT	Information Technology
ITU	International Telecommunication Union
LCD	Liquid Crystal Display
MIC	Magnetic Ink Characters
m/s	Mini (small) sheet
NFC	Near Field Communication
NC	Numerical Control
PC	Personal Computer
PDA	Personal Digital Assistants
P-stamp	Personalized Stamp
POS	Point of sale
s-a	Self-adhesive
s/s	Souvenir sheet
VDT	Video Display Terminal
WCD	World Communication Day
WCY	World Communication Year
WMD	World Meteorological Day
WMO	World Meteorological Organization
WPD	World Post Day
WSE	World Stamp Expo
WSIS	World Summit on the Information Society
WWW	World Wide Web
YDAC	Year of Dialogue Among Civilizations
Yv	Yvert catalog

European Championship for Thematic Philately - ECTP 2007, Essen, May 5. The author together with three of the collectors of the computer topics: Johann VANDENHAUTE (Belgium), Giancarlo MOROLLI (Italy), Menachem LADOR (Israel).

----- Catalog by country A

**AFARS & ISSAS,
French Territory of the**

1977, June 6 - Famous inventors

AFI 01 €5.50
55 F Edison
C104 169



AFGANISTAN

1973, Oct. 16 - Red Halfmoon Soc.

AFG 01 €1.20
10 af Perforated tape 889 1145



1983, May 17 - WCY

AFG 02 €0.80
4 af Teletype 1028 1291



AITUTAKI

1983, Sept. 29 - WCY

AI 01 €1.50
60 c Punch tape 313 497A



AI01 drawing €350.00
Final drawing, artist
F. Llamosas



AI 02 sheet €4.50
314a B44

----- Catalog by country A

ALBANIA



1969, May 2 - Leonardo da Vinci

ALB 01 €4.50
25 q Portrait 1218 1346

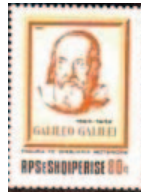


1974, Nov. 29 - Liberation, science

ALB 02 €3.00
1 L Punch tape 1630 1745

1978, June 1 - Intl. children day

ALB 03 €3.80
1.80 L Abacus 1852 1963



1987, Apr. 20 - The great people

ALB 04 €1.80
80 q Galileo Galilei 2243 2331

1992, Apr. 25 - Albanian admission to CEPT

ALB 05 €1.70
1.20 L Magnetic tape 2405a 2496

1996, Aug. 1 - GSM network

ALB 06 €1.60
60 L LCD screen 2510 2594

1996, Sept. 20 - Anniversary

ALB 07 €2.10
10 L Leibniz 2515 2599



2001, Oct. 6 - YDAC

ALB 08 €4.50
45 L, 50 L, 120 L Keyboard 2662-4 2839-41

2011, Feb. 18 - 90th anniv. of the State Library

ALB 09 €20.00 sheetlet €80.00
1000 L Man at laptop 3330

----- **Catalog by country A**

2017, Dec. 28 - European Data Protection Day



ALB 10 €80.00 sheetlet (3x3) €720.00
2500 L Barcode
3575



ALGERIA

1965, Jan. 1 / Feb. 28 / June 20 - Automation

ALG 01 €5.00
12 C, 15 C, 45 C Control center
321-2, 330 418-9, 423



1969, June 2 - Automation, overprint

ALG 02 €0.50
20 C on 12 C Control center 424 527

1991, Oct. 12 - Telecom '91

ALG 03 €1.90
1,50 D LED 943 1048

1992, Oct. 10 - Post office modernization

ALG 04 €0.40
1,50 D PC, ATM 965 1071



1996, Apr. 16 - Youth, science education

ALG 05 €3.80
5 D VDT 1066 1153

2000, Jan. 19 - Millennium



----- **Catalog by country A**



ALG 06 €12.00
5 D Computer, URL 1173-4 1269-88

2000, Feb. 16 - Expo Hanover

ALG 07 €0.60
5 D Computer graphics 1179 1293



2001, Oct. 9 - YDAC

ALG 08 €0.50
5 D Keyboard 1232 1346

2003, Apr. 23 - Vandal tablets



ALG 09 €2.60
10 D Slave sale document
24 D Tablet for calculations
1277-8 1392-3

2005, July 27 - WSIS

ALG 10 €0.70
15 D IT 1349 1467



2007, July 5- Independence & youth day, 40th anniv., block

ALG 11 €0.90
20 D Computer & IT 1407 B11

2008, May 1 - Children & new technology

ALG 12 €0.60
15 D Computer & IT 1557

----- Catalog by country A

2009, May 17 - WCD

ALG 13 €0.60
15 D Binary code, e-mail 1465 1595



2011, May 18 - Telecentres

ALG 14 €0.40
15 D PC, @-symbol 1661

2017, Jan. 15 - Modernization of justice

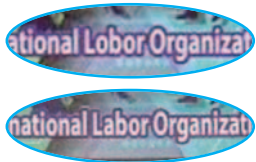
ALG 15 €1.00
25 D Binary code, www 1841



2017, Aug. 6 - The dangers of the Internet

ALG 16 €2.00
25 D Internet, laptop, iPad 1869

2019, Mar. 8 - Centenary of International Labor Organization



ALG 17I €8.00 ("Lobor" instead of "Labor")
ALG 17II €2.00 (it is correctly written "Labor")
25 D Laptop 1931I, 1931II



**ANDORA,
FRENCH ADMIN.**

1988, May 2 - Europe CEPT

AN 01 €6.00
3.60 F Touch screen terminal
364 391



2000, Oct. 6 - Expo Hanover

AN 02 €1.00
3 F Printed circuit 527 557

----- Catalog by country A



2001, July 7 - Jazz festival

AN 03 €1.20
0.46 € Robot 540 571

**ANDORA,
SPANISH ADMIN.**

1997, Sept. 30- UNESCO

ANS 01 €0.50
32 p PC
245 254



ANGOLA

2000, Dec. 7 - National Radio, 25th anniv.



ANG 01-02 €6.00
9.50 Kz Woman at PC 9.50 Kz Tape cassette
1180a,b 1627-8



ANG 03 sheet €4.20
20 Kz Tape cassette 1182 1630 (B91)

2000, Dec. 7 - National Television, 25th anniv.



ANG 04-05 €6.00
9.50 Kz PC 9.50 Kz Tape cassette
1181a,b 1631-2

----- Catalog by country A



ANG 06 sheet €4.20
20 Kz Tape cassette 1183 1634 (B92)

2001, May 25 - Day of Africa



ANG 07 €6.00
30 Kz PC 1186-7 1637 (B93)

2005, Nov. 14 - WSIS

ANG 08 €20.00
45 Kz PC 1759



ANG 08 sheet €20.00
45 + 45 Kz PC B114

2012, May 17 - WTD and ISD



ANG 09-10 €6.00
100 Kz Laptop, LCD screen
100 Kz FO
1868-9

2013, Apr. 4 - WCD



ANG 11 €2.00
100 Kz LCD screen 1874

----- Catalog by country A



ANGUILLA

1986, Mar. 24 - Halley's comet

ANU 01 €0.40
10 c Space robot 670 688

2001, Oct. 9 - YDAC

ANU 02 €1.50
90 c Keyboard 1059 1093



2004, Nov. 8 - Development of the telephone

ANU 03 €6.55
\$1.50 LCD screen 1125 1162



ANTIGUA & BARBUDA

1989, Nov. 2 - Disney philately

ANT 01 €5.00
\$4 Magnetic tape, paper printer, microchip
1244 1279

Stamps on stamps, bottom-right, 1980
Japan J 05



1992, Oct. 19 - Inventors and pioneers

ANT 02 €5.00
\$5 Galileo Galilei 1606 1674



ANT 02 sheet €10.00
\$6 Edison 1607 B240

1998, Nov. 10 - Famous peoples of 20th century, sheet



ANT 03 €5.00
\$6 Shockley, inventor of transistor
2183 2808 (B405)

----- Catalog by country A

2000, Oct. 16 - Battle of Britain, 60th anniv.



ANT 04 €25.00
8 * \$1.20 Enigma machine
2386 3327-34

2001, July 3 - Queen Elizabeth II, 75th birthday

ANT 04a €0.50
\$1 Computer graphics (photomosaic)
2494



2001, Dec. 17 - Football history, sheet

ANT 05 €10.00
6 * \$1.50 URL 2532 3629-34

2002, July 12 - Endangered animals, sheet

ANT 06 €13.00
9 * \$1.50 URL 2570 3756-64



2002, Dec. 12 - Science fiction (space odyssey)

ANT 07 €12.00
\$6 Space robots, A.C. Clarke portarit
2631 B558

2003, July 28 - History of aviation

ANT 08 €1.50
\$2 Robotic space probe
2689d 3975



----- Catalog by country A

ARGENTINA



1968, Oct. 19 - CCITT

AR 01 €1.10
68 P Punch tape C114 1005

1971, Apr. 30 - Electronics and Post

AR 02 €0.60
25 P Mail sorting 951 1081



1982, Sept. 4 - Nuclear control center

AR 03 €0.70
2000 P Control room 1384 1582

1983, Apr. 16 - IT



AR 04-05 €3.20

5000 P Network
5000 P Data communication
1412-3 1620-1

1995, Apr. 8-International fair book



AR 06 €1.70
75 c Monogram ABC, floppy, CD
1863 2239

1997, May 10 - MEVIFIL '97, stamps on stamps

AR 07 €9.50
4*(50 c + 50 c) Pixel
B175a 2344-7



1998, June 20 - Journalism day

AR 08 €1.90
75 c PC 2002 2416

----- Catalog by country A

1999, Apr. 17 - 25th book fair

AR 09 €4.00
75 c PC, keyboard, mouse 2052 2465

1999, July 24 - National telecommunications day

AR 10 €1.60
75 c FO, keyboard 2067 2488



2001, Dec. 1 - 50th anniv. of Argentina television

AR 11 €3.00
75 c Magnetic tape 2176 2703

2002 - ICC

AR 12 €1.50 \$ 0.40 Barcode



2005, Dec. 17 - Designs

AR 13 €1.90
75 c CD 2364 3022

2009, Oct. 17 - 50th anniv. of University

AR 14 €0.50
\$ 1 @-symbol 3292



2010, Sept. 18 - National census

AR 15 €1.50
\$ 1.50 PC 3369



ARMENIA



1992, July 1 - AT & T communications system in Armenia
ARM 01 €4.50
50 k AT & T company
431A 198

----- Catalog by country A

2001, Oct. 9 - YDAC

ARM 02 €2.40
275 d Keyboard
639 446



2007, Mar. 12 - 50th anniv. of Yerevan Computer Research and Development Institute

ARM 03 €1.50
120 d Cybernetics 589

The Muse of Cybernetics (1972) of Artashes Shahinian is housed in the gardens of the Institute.

On Nov. 30, 2006 the Armenian Postal Service was sold to a Dutch-owned firm, HayPost CJSC, affiliated with the Netherlands Postal Corporation. The item illustrated above were released in early 2007 by the stamp producer for the Armenian Postal Service prior to this sale, but as a December 2007, were never put on sale at any HayPost CJSC post office and were not valid for postage. HayPost CJSC acquired the remaining stock of these items from the producer and is negotiating with the Armenian government to place these items on sale and make the items valid for postage. All valid postage stamps from 2007, starting with Scott #749 are inscribed "Post". The item illustrated above (ARM 03) does not have this inscription.

2013, Nov. 15 - Prize of the President of the Republic of Armenia in the field of IT

ARM 04 €3.30
180 d, 220 d Binary code 847-8



2019, Oct. 7 - World Congress on IT, block

ARM 05 €5.50
650 d Emblem 1126 (B98)



ARUBA

2001, Oct. 9 - YDAC

ARU 01 €3.20
175 c Computer
211 281



2002, June 3 - Water and Energy Company

ARU 02 €2.20
165 c Microcomputer
219 292



----- Catalog by country A



ASCENSION

1971, Feb. 15 - Definitive, space exploration

AS 01 €0.60

2 p Galileo

141

141



1976, July 4 - US Bi-centenary of independence

AS 02 €2.30

8, 9, 25 p MIC

215-7

215-7

1986, May 22 - AMERIPEX, stamp on stamp

AS 03 €3.30

20 p MIC

396 405



AUSTRALIA

1968, Mar. 20 - World weather watch

AU 01 €2.50

20 c Magnetic tape

432

396



1968, Aug. 6 - International Soil Science Congress

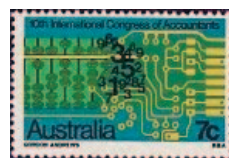
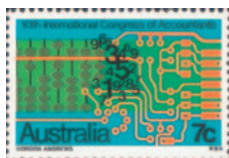
AU 02 €0.40

5 c Punch tape

440

404

1972, Oct. 16 - Accounting



Missing red

1972, Oct. 16 - Accounting

AU 03 €0.40

7 c Circuitry, abacus

531

503

----- Catalog by country A

1972, Nov. 15 - Pioneer life

AU 04 €0.70

60 c Punch paper tape (single-channel)

537 509



1973, Nov. 21 - Radio broadcasting, 50th anniv.

AU 05 €0.20

7 c Vacuum tube

588

541

1976, June 15 - Research CSIRO

AU 06 €0.30

18 c Punch paper tape

636

605



1983, May 18 - WCY

AU 07 €0.50

27 c IC, CAD

869

836

1984, Nov. 19 - 150th anniversary Victoria



AU 08 €1.00

30 c, 30 c Pixel

940-1

908-9

1985, Sept. 18 - Electronics

AU 09 €0.50

33 c e-mail

961

945



1987, Jan. 23 - Australian Day

AU 10 €1.00

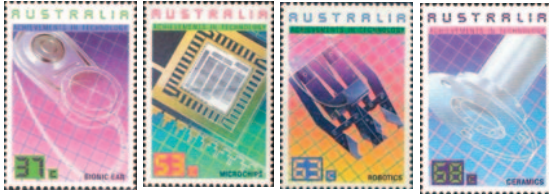
36 c IC

1009

1013

----- **Catalog by country A**

1987, Aug. 19 - Achievements in technology



AU 11-14 €3.00
 37 c LED circuit 53 c IC
 63 c Robot 68 c LED circuit
 1036-9 1051-4

1988, Feb. 17 - Living together



AU 15-16 €9.00
 20 c Cash register 70 c Calculator
 1060, 1073 1083A, 1089

1990, Jan. 17 - Australia Day

AU 17 €0.90
 41 c Stereo plotter 1163 1181



1993, Sept. 2 - 90th Intl. Parliamentary Conference

AU 18 €1.50
 45 c Computer graphics 1340 1368

1993, June 21 - Wildlife (NPC1)

AU 19 €9.00
 6*45 c CVP A27-32
 In use between June 21, 1993 - Nov. 17, 1994. NPC - National Philatelic Center.



1994, Nov. 17 - Wildlife (NPC)

AU 20 €9.00
 6*45 c CVP A40-5

----- **Catalog by country A**

1994 - Wildlife (AEROPEX)



AU 21 €9.00
 6*45 c CVP

1994 - Wildlife (AUSTRALIA 99)

AU 22 €9.00
 6*45 c CVP



1994 - Wildlife (HONG KONG 97)
 AU 23 €9.00 6*45 c CVP

1994 - Wildlife (STAMPEX 99)

AU 24 €9.00
 6*45 c CVP



1994 - Wildlife (CONGRESS 2001)

AU 25 €9.00
 6*45 c CVP

1994 - Wildlife (CONGRESS 2002)

AU 26 €9.00
 6*45 c CVP

Note: Other CPS labels: ACT 93, RX1, PHILA KOREA.

1995 - Wildlife (SINGAPORE 95)

AU 27 €9.00
 6*45 c CVP



1995 - Wildlife (AUSTRAPLEX 95)

AU 28 €9.00
 6*45 c CVP

----- **Catalog by country A**

1999, Sept.16 - International Design Congress

AU 29 €5.00
45 c, 90 c, 1.35 \$, 1.50 \$ CAD
1780-3 1851-4



2000, Oct. 3 - Space

AU 30-31 €3.50
45 c VDT 45 c Robot
1908-9 1989IA-90IA (14 ½ : 14)
1989IC-90IC (14 ½)

coil stamps, serpentine die cut
BA 11 ¾ €1.50
BC 11 ½ : 11 €2.00
1917-8 1995(BA/BC)-6(BA/BC)
AU 32 sheet, litho with translucent foil €4.00
1914 B36

2001, Feb. 1 - Hong Kong 2001 stamp exhibitions, overprint sheet



AU 33 €20.00
45 c VDT
45 c Robot
1914g B36I

2001, Apr. 24 - Greeting stamps

AU 34 €0.70
45 c LCD digits 1957 2043



2002, May 3 - Star wars, sheet

AU 35 €25.00
10 * 45 c Robot
1831 (Var) 1920I

----- **Catalog by country A**

2005, Apr. 21- World heritage, joint issue UK

(see GB 21)
AU 36 €1.50
50c Stonehenge temporal calculator
2370 2441



2008, Feb. 19 - Cent. of scouting

AU 37 €4.45 s-a €1.00
50 c APPLE notebook
2785, 2789 2929, 2932

AU 37 booklet €22.00
5*,\$1.35, 5*\$2 URL
2789-90a MH 326-7

2011, Oct. 31 - The 50th anniv. of Australia - Korea diplomatic ties



AU 38 sheetlet €14.00
10 * 60 c QR - code 3632



AU 38 block imperf. €22.50
5 * 1.65 \$ Barcode 3633

2012, Feb. 7 - Technology - Then & Now



----- Catalog by country A



AU 39-41 €4.00
60 c, 60 c LCD screen
60 c GPS

3684, 3687-8 (perf. 14:14)
3689, 3692-3 (perf. 11 ¼:11 ¼)



AU 39-41 tabs perf. 11 ¼:11 ¼ €6.70
10 x 60 c LCD screen, GPS
MH514 (2 x 3689-93)



AU 39-41 miniature sheet perf. 14:14 €6.00
5 x 60 c LCD screen, GPS
B139

AUSTRALIAN ANTARCTIC TERRITORY

1999, May 13 - Mawson's huts

AAT 01 €2.20
\$1.35 Laptop L114 122



2001, May 17 - Antarctic centenary

AAT 02 €14.00
45 c Laptop L117r 142

----- Catalog by country A

AUSTRIA



1947, Mar. 23 - Vienna Fair

OS 01 €3.00
30+10 g Jacquard loom B204 808

It is now know that a black print for this stamp, released in a quantity of 500 pcs.



1947, Nov. 5 - 100 years telegraphy in Austria

OS 02 €0.30
40 g Punch tape (single-channel)
495 837

1974, Jan. 14 - Radio

OS 03 €0.50
2.5 S Punch tape 979 1437

1976, Nov. 17 - Press Agency

OS 04 €0.50
1.5 S Punch tape 1045 1530



1982, Oct. 4 - 10th anniv. of Intl. Institute for Applied Systems Analysis

OS 05 €0.50
3 S Computer system analysis
1224 1720

1986, Jan. 29 - Telephone



OS 06 €0.60
5 S Digital exchange, LCD characters
1336 1838

Catalog by country A

1987, Oct. 5 - Working life

OS 07

4 S PC



OS 07 €0.60

1377 1902



OS 07 black proof €20.00



Bar specimen

OS 07 specimen €35.00



MARTIN signed

1991, Sept. 13 - European Congress of Radiologists

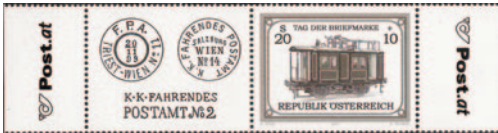


OS 08 €1.10

7 S Vacuum tube

1545 2037

2001, May 18 - Stamp day, 80 years



OS 09 €7.00

20+10 S URL

B371 2345

2001 - Premium stamp

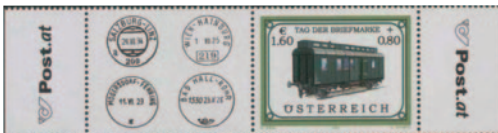


OS 10 €1.45

Barcode, URL

PB1

2002, May 24 - Stamp day



OS 11 €4.25

€1.60+0.80 S URL

B372 2380

Catalog by country A

2002 - Supplementary stamps, without denomination



OS 12 €14.00

URL ER1



OS 13 €20.00

Barcode, URL ER2

2002-4 Registered letter label



OS 14 €f.p.

Barcode, URL

E11-5

2003, Jan. 22 - P-stamps

OS 15 €0.90

€0.45 URL

1910A 2402



2003, Apr. 25- Marcel Prawy, sheet

OS 16 €3.00

€1.75 URL

1919 B19

2003, May 23 - Stamp day



OS 17 €4.25

€2.54+1.26 S URL

B373 2414

2003, June 2 - Holidays in Austria

OS 17a €2.60

€0.27 URL

1866 2424

2003, Sept. 24 - Mail-Order trade

OS 18 €1.00

€0.55 URL

1934 2445

2003, Nov. 11 - 30th campaign for the handicapped

OS 19 €1.00

€0.55 URL

1939 2450

----- **Catalog by country A**



2003, Dec. 5 - P-stamps



OS 20-21 €2.00
2 * €0.55 URL
1943-4 2455-6

2003 - My stamp



OS 22 €4.00
€0.55 URL
1943-4 (Var) MP1-2

2004, May 7 - Stamp day



OS 23 €6.72
€2.65+1.30 URL B374 2482

2005, May 27 - Stamp day



OS 24 €6.90
€2.65+1.30 URL B375 2532

----- **Catalog by country A**

2005, July 19 - Embroidered stamp



OS 25 €5.00
€3.75 CAD
2019 2538

2005-6 - My stamp



OS 26 €4.00
€0.55 URL 1943-4 (Var) MP3-10

2006, Jan. 1 - P-stamps



OS 27 €8.75
€0.55 URL 2036 2581, 2584, 2586

2006, July 2 - Stamp day



OS 28 €6.90
€2.65+1.30 URL B376 2606

2007, June 15 - Stamp day

OS 29 €6.90
€2.65+1.50 URL B381 2669



2008, Sept. 19 - Stamp day

OS 30 €6.90 sheet €45.00
€2.65+1.30 URL
2767

2008, Sept. 19 - Embroidered stamp

OS 31 €6.55
€3.75 CAD

2773



2008, Sept. 19 - My stamp

OS 32 €1.00
€0.55, €0.65 URL 2036 (Var)

2008 - Registered letter labels

OS 33-34 €20.00
Barcode, URL
E17-8



2008 - WIPA 08

OS 35 €1.00
€0.55 CVP



AZERBAIJAN

1999, Dec. 29 - 125 years UPU

AZ 01 €3.00
3000 m PC 696 457



2002, Sept. 18 - 70th anniv. Baku Telegraph Office

AZ 02 €2.10
3000 m Perforated tape 737 528

2004, Sept. 29 - 35 years of the Internet

AZ 03 €2.10
3000 m e-mail, URL, Honeywell DDP 516
780 590



2005, June 24 - WSIS

AZ 04 €1.10
1000 m Monitor 801 614

2006, Mar. 1 - Europe CEPT

AZ 05 €1.50 booklet €20.00
60 gap PC 823,a 639



2006, June 12 - WSIS

AZ 06 €2.40
1 M Binary code 829 649

2008, Mar. 13 - Europe CEPT

AZ 07 €3.00 m/s €12.00
60 gap PC, @-symbol
874, a 716, 715-6MH



AZ 07 sheet €3.00
1 m PC, @-symbol 875 717 (B81)



BAHAMAS

1991, Aug. 28 - Hurricane warning service



BAH 01 €8.50
15 c Computer graphics
732 760

----- **Catalog by country B**

1996, Dec. 9 - 25th anniversary of the national archives, sheet



BAH 02 €5.00
\$2 PC, diskette, cassette
885 B83



1993, Mar. 23 - WMD
BHR 01 €4.50
50 f, 200 f Computer graphics
404, 406 495, 497

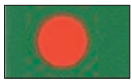


2002, Oct. 5 - World teacher's day
BHR 02 €1.80
100 f, 200 f Terminal
579-80 740-1



2004, Apr. 4 - F1 race

BHR 03 €9.00 s/s €12.00
100 f, 150 f, 200 f, 250 f, 500 f CAD
793-7 (B17)



1985, July 18 - Woman decade

BAN 01 €2.00
10 T Woman and PC
261 234

BANGLADESH

----- **Catalog by country B**

1986, Jan. 11 - Postal service

BAN 02 €0.60
3 T Sorting machine 270 243



1988, Dec. 6 - 25th anniversary of Dhaka Post Building

BAN 03 €0.70
5 T Mail sorting 317 296

1996, Mar. 26 - UNICEF

BAN 04 €1.30
4 T PC
519 590



BAN 04 signed proof card €130.00



BAN 04 imperf. progressive proofs €345.00

1999, Oct. 9 - 125 years UPU, block



BAN 05 perf. €9.00 imperf. €60.00
25 T PC desktop
593a 693-6C (B24)

----- **Catalog by country B**

2000, Jan. 1 - Millennium

BAN 06 €7.00
6 T PC, Y2K
598 714



Approval specimen
€45.00



Colors: Pink
BAN 07-08 trial-color €100.00



Yellow and green

2000, Apr. 8 - Cricket week

BAN 09 €1.10
6 T Internet 607 724



2001, Oct. 24 - YDAC

BAN 10 €1.50
10 T, 30 T Keyboard 641, a 781, B25
block €4.50

2006, Jan. 22 - WSIS



BAN 11 €1.10
10 T PC, e-mail



displaced perforation €100.00
708 868

----- **Catalog by country B**

2010, Mar. 8 - International Women's Day

BAN 12 €0.80
5 T Laptop 977



2011, Dec. 1 - E-Asia, Intl. Information & communications development event, digital technology

BAN 13 €1.00
10 T Laptop, PDA color missing €50.00 1083



2019, Oct. 31 - The first computer programmer of Bangladesh (Hanifuddin Mish)

BAN 14 €1.00
10 T Computer programmer 1351



BARBADOS

1972, Mar. 28-Telecommunication centenary

BAR 01 €2.40
4 c Typewriter 368 337



1980, May 6 - London 80 - International stamp exhibition, sheet

BAR 02 €3.50
28c, 50c Mail sorting 532-3 502-13



1981, May 19 - Intl. year of the disabled people

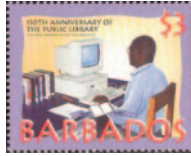
BAR 03 €1.00
25 c Sign languages (larger quantities) 544 524

----- Catalog by country B

1981, Sept. 29 - Hurricane season

BAR 04 €0.90

60 c Control centre 557 541



1997, Oct. 1 - Public library

BAR 05 €5.50

\$3 PC 944 928

1999, Mar. 19 - Australia '99 - world stamp exhibition, block

BAR 06 €7.50

\$4 3Com Company logo

962 B36



1999, Oct. 11 - 125 years UPU

BAR 07 €3.50

\$2 PC 976 969

2000, Feb. 8 - Millennium



BAR 08 €5.50

\$3 PC 977 970 (B38)

2006, May 26 - Washington exhibition



BAR 09-10 €5.80

10 c, \$2 Children at PC 1106, 8 1123, 5

----- Catalog by country B

BARBUDA

1979, May 24 - Aviation (ICAO-OACI)

BAB 01 €1.50

95 c Control center 392 448



1993, June 29 - Inventors and pioneers, overprint

BARBUDA MAIL on Antigua & Barbuda - ANT 02

BAB 02 €10.00

sheet €12.00

\$5 Galileo Galilei

\$6 Edison

1370-1

1479, 1480 (B240)



BELARUS

2004, Dec. 22 - Minsk subway, sheet



BEL 01 €10.00

16 * 560 Control center, URL

542 573-4

2005, July 20 - WSIS

BEL 02 €0.30

m/s €4.00

360 IT

563 602



2008, Apr. 4 - International fair for telecommunication and office technique - TIBO

BEL 03 €0.80

m/s €3.60

H Keyboard

652 704

----- Catalog by country B

2008, May 28 - Europe CEPT

BL 04 €1.50 m/s €3.20 booklet €6.00
1000 Binary code, keyboard, @-symbol
654, a 706



2018, May 15 - 25th TIBO IT fir

BL 05 €2.80 sheetlet €17.00
H QR - code, printed circuit, URL (on sheetlet)
1251



BELGIUM

1936 - Tungfram booklet



BL 01 €20.00
20 c Vacuum tube

1965, May 8 - ITU centenary

BL 02 €0.10
2 F Punch tape 630 1390

1969, Sept. 6 - Benelux anniv.

BL 03 €0.40
3 F Mobius strip 723 1557



1972, May 13 - Press liberty

BL 04 €0.50
2.50 F Punch tape 827 1680

1974, Apr. 1 - 4th Intl. Symposium on Railroad Cybernetics

BL 05 €5.00
100 F Conference symbol
Q430 EB349

----- Catalog by country B



1982, Mar. 1 - Science

BL 06 €3.50
6 F LCD characters 1112 2088

1982, May 1 - Europe, history

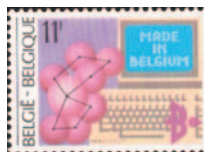
BL 07 €2.50
10 F Diskette 1116 2100



1983, Apr. 16 - Woman in work

BL 08 €1.30
8 F Control center 1139 2138

1984, Jan. 28 - Export industry



BL 09 perf. €2.20 imperf. €35.00
11 F Terminal 1162 2169



BL 09 foolscap €100.00

Embossed stamp REGIE DER POSTERIJEN

1985, Feb. 9 - Journalism

BL 10 €0.50
9 F Terminal
1186 221



----- Catalog by country B

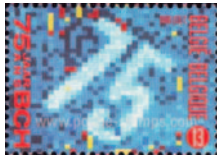
1987, Feb. 28 - Technological fair



BL 11 €0.60
13 F Hand protease
1263 2295

1987, Dec. 12 - Newspaper Le Soir

BL 12 €0.90
9 F Punch tape 1281 2323



1988, Nov. 7 - Anniversary postal check

BL 13 €0.70
13 F Computer image - pixels
1302 2358

2001, June 9 - Postal service



BL 14 perf. €4.00 imperf. €15.00
2 * 17 F URL
1849, 1853 3046Zf, 3050Zf
COB 2996, 3000

2001, June 10 - P-stamp



BL 15 €10.00
17 F Barcode 3050A

----- Catalog by country B

2001, June - The Post



BL 16 perf. €14.00 imperf. €20.00
black print €6.00
150 F PC
1854 B81 (3051) COB BL91

2001, June 15 - EC chairmanship

BL 17 perf. €1.00 imperf. €4.00
17 F be suffix
1861 3064 COB 3014



2001, Oct. 22 - The 20th century (III)

BL 18 €18.00
17 F Computer sequence - IT
1781o 3088

2002, Oct. 28 - The 20th century (IV)

BL 19 €16.00
€0.41 Robot 1782o 3175



2005, Feb. 14 - 175th anniv. Belgium

BL 20 €1.00 s-a booklet €8.00
PRIOR URL (be suffix)
2058,a 3403

2007, Oct. 15 - Stamp festival

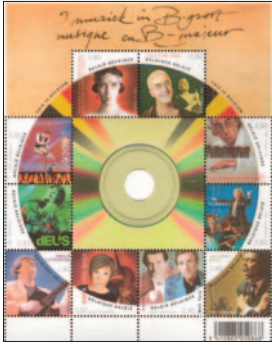
BL 21 €4.65 s-a €9.30
€1 Laptop (MAC), barcode
2260e, 2265a 3762



----- Catalog by country B

2008, Nov. 8 - This is Belgium, music

BL 22 €14.00
10* €0.80 CD, barcode
2342 3895-3904



2010, Jan. 16 - Du Mundaneum à Internet

BL 23 €8.50
€4.60 Internet
4038 (B149)

2019, Jan. 2 - Morning stamp, s-a

BL 24 €3.50 sheetlet €35.00
Priority (€0.97) QR - code
Sheetlet (10) QR - code, CEE-App, barcode
4875



2019, Jan. 2 - Definitive stamp: King Philippe

BL 25 €3.50 sheetlet €35.00
Priority (€0.97) QR - code
Sheetlet (10 * €0.97) QR - code, barcode
4876 (s-a), 4877 (normal)

2019, Jan. 2 - My stamp: Priority stamp, s-a

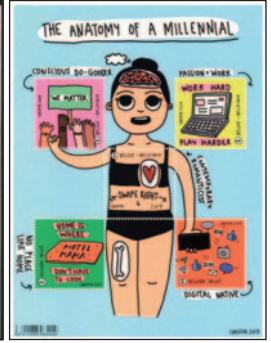
BL 26 €3.50
sheetlet €35.00
Priority (€0.97) URL
4878



----- Catalog by country B

2019, June 15 - Europe, bird

BL 27 €19.20
2 * 3 EUROPE (€4.20) CEE-App, barcode
4906-7 (B239)



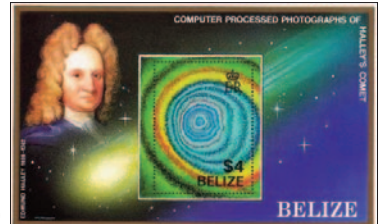
2019, June 15 - Millennials generation, m/s

BL 28-29 perf. €21.00 imperf. €30.00
2 (€1.84) Laptop
2 (€1.84) LCD screen (smarphone), WiFi
m/s Laptop, LCD screen, WiFi, barcode
4915, 4918 (B241)



BELIZE

1986, Apr. 30 - Halley's Comet, s/s



BE 01 €8.00
\$4 CAD - computer processed photo
814 B79

1998, July 22 - OAS

BE 02 €0.50
25 c Students on Internet
1093 1195



----- Catalog by country B

2001, Sept. 3 - Independence

BE 03 €0.50
25 c Education - fish on computer
1144 1246

2020, Oct. 27 - 20 years of voluntary Japanese development assistance (JOCV)



BE 04-05 €1.30 block €1.30
25 c PC \$1 Laptop
1369-70 (B106)



BENIN

1977, Nov. 28 - Space

BEN 01 €8.00
100 F Robotic space probe
C275 116



1979, Dec. 12 - 20th anniversary of ASCENA (Air Safety Board)

BEN 02 €1.20
50 F, 60 F Pixels 443-4 195-6

1980, Apr. 2 - 50th anniv. of Pluto discovery

BEN 03 €0.90
70 F Galileo Galilei 451 201



1980, Dec. 20 - J. Kepler

BEN 04 €1.80
50 F, 60 F Portrait 501-2 255-6

----- Catalog by country B

1982, Sept. 26 - ITU plenipotentiary's conference

BEN 05 €2.20
200 F MICR
533 296



1982, Nov. 1 - Space, overprint

BEN 06 €1.00
50 F on 100 F Robotic space probe
C301 302

1984, Sept. 9 - ITU plenipotentiary's conference, overprint

BEN 07 €6.50
75 F on 200 F MIC - MICR 585 367

1990, Jan. 1 - 100 years of PTT in Benin

BEN 08 €1.40
125 F Terminal 668 490



1999, Mar. 28 - Chess champions

BEN 09 €6.00
300 F Euwe 1138 1149



BERMUDA

1987, Oct. 1 - Bermuda telephone company

BEM 01 €4.00
\$1.50 FO
531 520



2015, Oct. 15 - 150 years of stamps in Bermuda



BEM 02-03 €8.70
\$1.35 PC
\$1.65 Scientific calculator
1121-2

----- Catalog by country B

BHUTAN



1971, Mar. 20 - Space exploration



BHU 01 €7.00
 16 ch, 2.50 N Lunahod 1 - robotic space
 127, 127B 436, 438
 BHU 01 sheet €15.00
 16 ch, 1.70 N, 2.50 N, 4.00 N Lunahod 1 -
 robotic space
 127Cd B46

1978, Nov. 15 - 100th anniv. of telephone

BHU 02 €4.00
 25 N MIC 242(Var) B80A

1984, Apr. 10 - WCY

BHU 03 €6.50
 20 N Cash register, magnetic tape unit, abacus
 405 837



1999, Nov. 1 - 30th anniv. of Apollo 11

BHU 04 €25.00
 18 * 20 N, 3 * 80 N LCD characters
 1244-9 1970-87, B401-3

2000, June 1 - Expo Hanover



BHU 05 €2.50
 3 N, 4 N, 6 N, 7 N, 10 N, 20 N Computer
 graphics
 1324-6 2140-5

----- Catalog by country B

2008, Jan. 21 - CD stamp, In harmony with nature

BHU 06 €11.15
 225 N CD 1430 2505

This issues are the first CD-ROM stamps of the world.



2008, Jan. 21 - CD stamp, 100 years of Monarchy

BHU 07 €11.15
 225 N CD 1431 2504

2009, Feb. 21 - CD stamp, Coronation 2008

BHU 08 €15.80
 225 N CD 2533



2009, Feb. 21- CD stamp, Voting for happiness

BHU 09 €15.80
 225 N CD 2534

2017, Sept. 1 - Musical instruments of Bhutan



BHU 10 sheetlet €7.50
 6 * 20 N QR - code 3041-6
 BHU 11 s/s €3.50
 50 N QR - code 3047 (B579)

2019, Feb. 1 - Mamals of Bhutan



BHU 12 sheetlet €5.00
 4 * 20 N QR - code 3127-30
 BHU 13 s/s €3.50
 40 N QR - code 3131

2007, Dec. 12 - UPAEP



BOL 06 €6.50
 3.00 Bs PC 1349 1721

2012, May 17 - Internet Day



BOL 07 €3.30
 1.00 Bs, 1.50 Bs, 3.00 Bs Internet, @-symbol
 1874-6



BOLIVIA

1985, May 22 - Intl. anti-polio campaign

BOL 01 €0.50
 20000b MIC 714 1027



1991, Sept. 9 - ECOBOL

BOL 02 €1.30
 1.40 Bs VDT, programming language
 836 1151

2015, Apr. 30 - 50 years ENTEL



BOL 08 €2.00
 4.00 Bs iPad 1886

1998, Oct. 11 - Distinguished women

BOL 03 €1.50
 2 Bs PC 1046a 1384



BOSNIA & HERZEGOVINA

1996, May 5 - Journalism, news-paper

BH 01 €1.00
 100 Hands typing on computer
 246 52



2002, Oct. 11 - UPAEP

BOL 04 €1.40
 2.50 Bs PC 1197 1554

2004, Dec. 23 - Journalism

BOL 05 €0.60
 1.50 Bs Typewriter 1230 1588

2000, Sept. 20 - Millennium

BH 02 €2.00
 1.20+0.80m Video terminal
 372 211-2 (B10)

----- Catalog by country B

2002, Apr. 20 - 10 years after aggression

BH 03 €3.00

€1.25 VDT

410

258



2005, Sept. 1- Postal service

BH 04 €1.10

€0.10, €0.20, €0.50 URL

506-7, 509 400-1, 403

2013, Oct. 9 - 20 years of BH Posta administration

BH 05 €2.00

sheet €20.00

1.70 (M) QR-code
632



**BOSNIA & HERZEGOVINA
CROAT ADMINISTRATION**

2000, May 9 - Europe CEPT

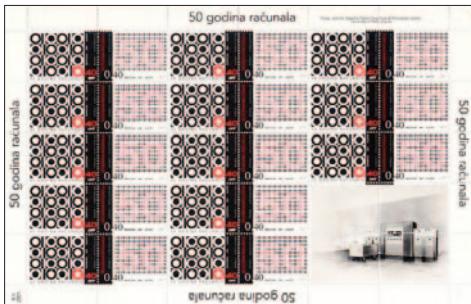
BHC 01 €2.50

1.80m e-mail

54 58



2001, Sept. 9 - 50th anniversary of computer



BHC 02 €1.10

4 * 40 pf Binary code, mainframe

73 78-9

----- Catalog by country B



2002, Apr. 15 - Leonardo da Vinci

BHC 03 €0.85

40 pf Portrait

84 90

2003, Oct. 9 - WPD

BHC 04 €1.80

1.50m Teleprinter

111

118



2006, May 3 - World press freedom day

BHC 05 €0.60

m/s €5.00

0.50m Journalism IT

155 174

2019, May 9 - Europe, Native birds



BHC 06 block €6.00

2 * 3,00m CEE-App

B67



Sending receipt. Issued by Austrian Post, bar code, QR code (Cristian Scăiceanu collection).

----- Catalog by country B



**BOSNIA & HERZEGOVINA
SERB ADMINISTRATION
REPUBLIC OF SRPSKA**

1992, Oct. 26 - Yugoslavian stamps, overprint



BHS 01 perf. 13 ¼ €2.00 perf. 12 ½ €1.00
500d on 60p Magnetic strip
11 11 IIA perf. 13 ¼, 11 IIC perf. 12 ½

2001, Feb. 27- 125 years telephone

BHS 02 €1.00
1.00 m LCD screen 131 196



2007, Apr. 16 - Leonardo da Vinci (chirilic and latin)

BHS 03 €4.10
1.00 m Portrait 292 384-5

2013, July 30 - 70 years of Serbian daily newspaper "Glas", sheet



BHS 04 sheetlet €22.00
8 * 0.90 m QR-code 598

2014, Feb. 5 - Famous people

BHS 05 €2.50 with tabs €6.00
1.70 m Galileo Galilei

2018 - Famous people

BHS 06 €3.00 sheetlet €10.00
1.70 m Mihailo Petrović Alas 780

----- Catalog by country B



BOTSWANA

1990, May 3 - Telecommunication industry

BOT 01 €4.50
P2 IC 475 477



1994, June 30 - 50th anniv. ICAO

BOT 02 €0.40
10 t Control center 566 565

2000, Aug. 23 - Literacy decade

BOT 03 €3.00 tabs €4.00
2.50 P ATM 696 701



2007, Oct. 13 - University of Botswana, 25th anniv.

BOT 04 €3.10
1.10 P PC 839 856

Serie nouă, Anul I, Nr. 1 (57) octombrie-decembrie 2019

philatelica.ro

REVISTA DE FILATELIE, CARTOFELIE ȘI NUMISMATICĂ
ASOCIATIA FILATELISTILOR DIN JUDEȚUL BOTOȘANI (Asociația Filatelistilor din Republica Moldova)

Bilingual magazine (Romanian - English) of philately, picture postal cards and numismatics.

Editors:
Association of philatelists from Botosani county;
Association of philatelists, maximum cards and picture postal cards collectors from the Republic of Moldova
Subscriptions: coriolan2006@yahoo.com

BRAZIL



1967, July 2 - 6th Brazilian mathematical congress

BZ 01 €0.50
5 c Mobius strip 1053 1141



1968, Sept. 18 - Telex link

BZ 02 €1.20
20 c Punch tape 1095 1184

1973, July 11- Engineering school

BZ 03 €7.80
1 C Mobius strip 1294 1378



1974, June 6 / Sept. / 1975, Apr. 25 - Mobius strip

BZ 04 €9.60
1, 2, 4, 5, 10 C Mobius strip
1257-61 1439, 1450-2, 1482

1977, Oct. 15 - Astrophysical observatory

BZ 05 €0.60
1.30 C Digital picture, pixel
1529 1621

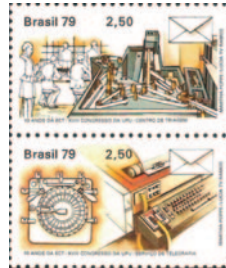


1978, Mar. 15 - Postal training

BZ 06 €0.50
1.80 C Keyboard 1554 1646

1979, Mar. 20 - Post & Telegraph

BZ 07-08 €3.00
2.50 C Letter sorting
2.50 C Typeprinter
1604, 1606 1698, 1700



1980, Sept. 16 - Telecommunication

BZ 09 €0.40
5 C Punch tape, magnetic tape
1709 1783

1983, July 28 - Master of engineering

BZ 10 €0.50
30 C Punch tape 1870 1979



1984, Nov. 5 - Informatics

BZ 11 €0.50
120 C Pixel on screen 1960 2077

1985, Feb. 8 - Brasilsat

BZ 12 €0.40
150 Cr S Terminal 1971 2092



1985, June 27 - Definitive

BZ 13 €3.00
50 ... 5000 Cr CAD 1985-95 2111-21

----- Catalog by country B

1986, Nov. 4 - 125th anniversary of National Saving Bank

BZ 14 €0.50
0.50 Cz S Accounting
2082 2191



2099 2210

1987, May 5 - TELECOM 87

BZ 15 €0.40
2 Cz S Terminal



1988, Jan. 22 - Centenary national archive

BZ 16 €0.50
7.00 Cz S Computer 2125 2242

1988, Dec. 20 - ANSAT-1

BZ 17 €0.30
70.00 Cz S PC 2159 2285



1989, Mar. 20 - Postal service

BZ 18-19 €1.90
0.25 N Telefax 0.25 N EMS
2163 2289-90

1990, Sept. 21 - EMBRATEL

BZ 20 €0.60
13 Cz S Terminal 2281 2376



1992, Aug. 5 - Industrial training, SENAI

BZ 21 €0.50
650 Cz S PC 2385 2492

----- Catalog by country B

1994, May 27 - 46th Frankfurt fair

BZ 22 €2.30
TP CD 2478 B94



1994, July 26 - 300 years of State mint

BZ 23 €0.60
0.12 Rs Computer squares
2508 2609

1994, Sept. 12 - Vicente Celstino, cent.

BZ 23a €1.00
0.12 R CD 2514 2615

1995, Dec. 14 - Diaro Pernambuco

BZ 24 €0.50
0.23 R PC, mouse 2569 2686



1997, Mar. 20 - MERCOSUL and BRASISAT

BZ 25 €2.20
0.15 R\$ Barcode 2617 2738

1997, May 7 - Brazilian claim to Trinidad Island

BZ 26 €2.10
1.23 R\$ Barcode 2628 B106



1997, May 13 - Brazilian Antarctic Program

BZ 27 €6.50
2.68 R\$ Barcode 2630 B107

1997, Oct. 6 - Integration of MERCOSUR communications by Telebras, 25th anniv.

BZ 28 €1.40
0.80 R\$ FO, VDT 2648 2772



1998, May 22- International year of the oceans

BZ 29 €14.00
24 * 0.31 R\$ Barcode
2674a-x 2826-49

1998, May 28 - World Cup Soccer Championships



BZ 30 €7.50
24 * 0.22 R\$ Barcode
2675a-x 2850-73

1998, Nov. 20 - Domestic animals, booklet

BZ 31 €1.10
10 * 0.22 R\$ Barcode
2702a 2917-21



1999, Mar. 19 - 125th anniv. of UPU

BZ 32 €1.20
0.31 R\$ Stamp vending machine
2707 2931



1999, June 24 - 100 years IPT Sao Paulo BRASISAT

BZ 33 €0.50
0.36 R\$ PC 2715 2944

2000, Apr. 22- 500 years discovery

BZ 34 €0.80
0.45 R\$ FO 2740p 3022



2000, May 11 - Brazil Trade Net Website, 2nd anniv.

BZ 35 €0.40
0.27 R Internet URL 2741 3027

2000, Oct. 13 - Telecourse 2000 project

BZ 36 €0.30
0.27 R Education, CRT technology
2771 3054

2001, Mar. 5 - Brazilian publishing industry

BZ 37 €0.40
0.27 R\$ Monitor, printer 2783 3140



2001, Apr. 17 - Council for scientific and technical development

BZ 38 €0.50
0.40 R\$ Computer graphics
2786 3143

2001, Oct. 9 - YADC

BZ 39 €1.60
1.30 R\$ Keyboard 2820 3185

2002, Apr. 28 - Educational system

BZ 40 €0.70
0.40 R PC, Windows software
2841 3229



----- Catalog by country B

2004, July 15 - Brazilian inventions

BZ 41 €1.00
0.50 RS Telephone card 2930 3376

2005, June 8 - Information society

BZ 42 €1.70
3 * 0.80 RS Software,
e-mail, barcode
2967 3405-7 (B129)



2006, Apr. 19 - FIFA World Cup in Germany

BZ 42A €0.80
0,85 RS Barcode 3445



2007, Sept. 8 - Education for all

BZ 43 €0.50
0.60 RS PC 3027 3504



BZ 44 €7.50
2 * 3,85 RS QR - code, barcode
4042-3, B160

2013, Jan. 25 - 350 years of Brazilian Post



BZ 45 €1.20
1st class Sorting solutions
4076

----- Catalog by country B

2013, May 17 - Internet, integrative networks

BZ 46 €2.00
2 RS Internet
4086



2013, Oct. 3 - Relationship with Germany: Famous people



BZ 47 €14.00 block €14.00
2.75 RS Laptop
5 * 2.75 Rs Laptop, URL, barcode (block)
3256B 4111, B165

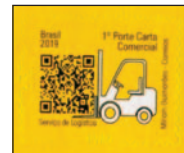
2018, Oct. 15 - History of computer in Brazil, s-a



BZ 48-50 €3.00 sheetlet €25.00
1st Non Commercial (1.25 RS) Zezinho (1961) computer
~ Patinho Feio (1971) minicomputer
~ COBRA 530 (1980) mainframe computer
24 * ~ (sheetlet) Computer, barcode
4544-6

BRAZIL, PRIVATE POST - MIRIOM GUIMOROES

2019 - Postal Logistics Service



BZPP 01 €1.00
1^o Porto Carta Commercial QR - code

----- **Catalog by country B**



BRITISH ANTARCTIC TERRITORY

1991, Mar. 30 - Ozone layer
 BAT 01 €2.50
 31 p CAD

178 179



1991, June 24 - Antarctic treaty
 BAT 02 €7.00
 26 p CAD

181 182

1998, Mar. 19 - History of mapping
 BAT 02a €10.00
 65 p Handheld GPS (1993)
 257 271

1999, Dec. 18 - British Antarctic survey

BAT 03 €13.00
 40 p PC
 283 296



2007, Nov. 14 - International Polar Year



BAT 04 €5.00
 £2 PC

386 458 (B14)



BRUNEI

1979, Sept. 23 - Earth satellite station



BR 01 €1.40
 75 C Teleprinter

242 231

----- **Catalog by country B**

1983, Aug. 15 - WCY



BR 02-03 €3.00
 75 C Type printer
 295-6 279-80

\$2 Teletype

1985, Oct. 17 - Intl. Youth Year



BR 04 €15.00
 75 C Terminal

325 314

1986, May 31 - Armed forces

BR 05 €15.00
 20 sen PC

349 340



1992, Apr. 28 - Fiber optic submarines cables

BR 06 €12.00

20, 30, 90 sen FO 439-41 445-7

1995, Oct. 28 - University of Brunei

BR 07 €3.20

30 sen Video terminal 487 504



1996, May 17 - WCD

BR 08-09 €4.80

20 sen LCD technology

35 sen PC

493-4 502-3

----- Catalog by country B

1998, Sept. 29 - Civil service day, 5th anniv.

BR 10 €0.80

60 sen LED circuit 536 550



1999, Feb. 23 - 15 years national day

BR 11 €1.10 sheet €3.20

60 sen VDT

543, 544a 557, B20

1999, Oct. 9 - UPU, 125th anniv.

BR 12 €1.50

75 sen PC 554 572

2000, Feb. 1 - Millennium

BR 13 €1.20 sheet €2.40

20 sen Children at PC

20 sen Man and woman at PC

555a,b, g 573-4, B22



2000, Nov. 15 - Asia Pacific Economic Cooperation

BR 14 €0.60 sheet €2.60

20 sen People at PC

559, 559a, 561b 592, B24

2001, Aug. 18 - Islamic expo

BR 15 €2.80

20 sen Laptop, CD 571c 612



2001, Oct. 9 - YDAC

BR 16 €0.70

30 sen Keyboard 573 618

2002, May 17 - 50 years JTB

BR 17 €2.10

50 sen PC, ISDN 575 628

----- Catalog by country B

2002, Sept. 9 - Sultan, 10th anniv.



BR 18 €1.60

4*10 sen PC 577 632-5

2004, Mar. 24 - Brunei National Philatelic Society

BR 19 €2.50

25 sen Keyboard

582c 652

Right bottom, stamp - BR 16 is on this stamp.



PASCAL programming language. PASCAL is a strongly typed third-generation language with a one-pass compiler, designed by Nicholas WIRTH (about 1967-1968). The language PASCAL was named after this pioneer of computing, one of the many ways in which he has been honored.

Letter sent OCT 31, 1871 and cancelled in post office hosted in Rue PASCAL. The street was named after Blaise PASCAL. Bureau exists from December 1864 till April 1873. Departure: PARIS 31 OCT 71 with Star 29 seal and R. PASCAL cds. Arrival: CHERMERY 1 NOV 71 (40), through PARIS A LAROU-MELLI 31 OCT 71 (author's collection).

----- Catalog by country B

BULGARIA



1970, Dec. 18 - Russian moon mission, sheet

BUL 01 €2.80

80 st Remote control robot

1911 B29

1974, Aug. 20 - Republic 30 anniv.

BUL 02 €2.00

18 st Punch tape

2203

2358



1978, Sept. 3 - Plovdiv fair

BUL 03 €0.20

2 st Calculator ELKA 55

2528

2713

1979, May 8 - Post & telegraph

BUL 04 €0.80

13 st Teleprinter

2581

2772



1979, Sept. 8 - Plovdiv fair

BUL 05 €0.20

2 st IZOT-0250 office machine

2623 2820

1980, Sept. 24 - Plovdiv fair

BUL 06 €0.35

5 st ESTEL - computer system for teleprocessing

2726 2933



1980, Dec. 26 - Party Congress

BUL 07 €0.20

5 st Punch tape

2745A

2960

----- Catalog by country B

1981, Mar. 12 - Party Conference

BUL 08 €0.60

23 st Punch tape

2738

2973



1981, May 18 - Farmers' Union Congress

BUL 09 €1.00

8 st Paper print

2750

2994

1981, July 9 - Statistics

BUL 10 €0.35

5 st Punch tape

2770

3011



1984, Aug. 4 - Republic, 40th anniv.

BUL 11 €1.50

5 st Punch tape

2988

3283



1985, Sept. 23 - Intl. fair young workers

BUL 12 €0.65

5 st, 13 st, 30 st Digital picture -pixels

3093-5

3393-5

1986, Mar. 17 - Communist Party



BUL 13-14 €0.40

8 st Printed circuit

13 st Computer image

3156-7

3460-1

----- Catalog by country B

1989, Apr. 20 - Young inventors' exhibition

BUL 15 €0.20
5 st Terminal
3404 3748



1989, May 5 - Telecommunications

BUL 16-17 €0.90
5 st Fax
8 st Display / Typewriter
3411-2 3755A-6A



1991, May 10 - Europe CEPT

BUL 19 €1.00
43 st Digital picture 3612 3901

1991, July 23 - Space shuttle missions, 10th anniv.



BUL 20 €2.50
12, 32, 50, 86 st, 1.50, 2 L
LCD characters, LED
3622-7 3911-6

BUL 20 perf. sheet €1.50
imperf. sheet €5.00
3 L LCD characters, LED
3628, a B215, B

2000, Apr. 26 - Europe CEPT

BUL 21 €3.00
0.18 L, 0.60 L Printed circuit
4131-2 4453-4



2001, Jan. 8 - Advent of new millennium

BUL 22 €0.50
0.22 L Computer board
4174 4502

----- Catalog by country B

2001, Mar. 1 - Information society

BUL 23-24 €3.60
0.22 L Circuits, @-symbol
0.65 L Computer ABC -
John Atanasov
4180-1 4509-10 (B246)



2001, Oct. 8 - YDAC

BUL 25 €1.30
0.65 L Keyboard 4195 4530



2003, Oct. 3 - Computer pioneer

BUL 26 €1.40
0.65 L John Atanasov Computer, @-symbol
4270 4612

2014, Feb. 21 - 450th birthday of Galileo Galilei

BUL 27 €1.80 sheetlet €7.50
1 L Portrait 5134



2015, May 18 - 150th anniv. of ITU

BUL 28 €1.00
1 L Keyboard 5206



BURKINA FASO

For 1965 - 1978 years see VOLTA, UPPER

1985, Nov. 16 - Philexafrique 3



BF 01 €4.00
250F Terminal, control center, printer
C312a 1073

----- **Catalog by country B**

1995, Feb. 24 - Stars of motion pictures (I) - Elvis Presley, sheet



BF 02 gold paper €16.00 silver paper €30.00
3000 F Robotics
993A 1349 (B145)

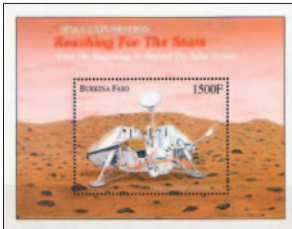
1995, Feb. 24 - Stars of motion pictures (II) - Marilyn Monroe, sheet



BF 03 perf. €30.00 imperf. €60.00
750 F Robotics
1352 A, B (B148-9)

2000, Jan. 10 - Space exploration, sheet

BF 04 €9.00
1500 F Robotic space probe
1173 1749 (B203)



2016 - African Hub shop

BF 05 €7.00
690 F URL

2017 - National week of Internet and IT

BF 06 €27.00
670 F @-symbol
1995



1993



----- **Catalog by country B**

BURMA / MYANMAR, UNION OF



1976, Sept. 9 - Intl. literacy day
BUR 01 €1.70
15 p Abacus
258 258



2001, Jan. 4 - Independence Day
BUR 02 €1.70
2 K Video terminal 355 357



BURUNDI

1969, Oct. 24 - Intl. letter writing week



BRD 01 perf. €2.00 imperf. €4.50
BRD 01 s/s €3.00
26 F Galileo Galilei
295, 296a 518, B

2000, July 24 - Space, sheet of 12

BRD 02 €10.00
165 F Galileo Galilei sonde
758 1848-59



2012, Oct. 15 - 90th anniv. of A.G. Bell, s/s
BRD 03 €5.25
7500 F LCD screen (smart phone)
2654 (B254)

----- Catalog by country C



CAMBODIA

1986, July 21 - Halley's Comet



CA 01-02 €2.60
0.10 r Galileo Galilei
2 r Pixel, computer graphics
705, 711783, 789

1992, Apr. 15 - Leonardo da Vinci, 540th anniv. of birth day, s/s



CA 03 €3.50
1000 r Leonardo da Vinci
1217 B190

1992, Apr. 23 - Expo '92, inventors



CA 04-05 €0.50
15 r Edison
80 r Telegraphy perforated tape
1220-1 1295-6

2001, Jan. 5 - Millennium, explorer & inventors



CA 06-07 €7.00
900 r Telegraphy perforated tape
4000 r Edward Roberts, ALTAIR microcomputer,
Pascal portrait
2054, 2057 2149, 2152

----- Catalog by country C

2009, Jan. 7 - 30th anniv. of Great Victory Day

CA 08 €2.50
2200 R PC
2501



CAMEROON

1976, Oct. 5 - Centenary of first telephone

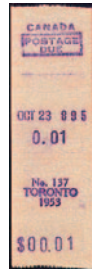


CAM 01 €0.90
50 F Telephone exchange
621 824



CANADA

1953, Oct. 23 - Postage due



CAN 00 €f.p.
1 c NCR metermarks



1967, May 24 - Votes for women

CAN 01 €0.50
5 c Binary code 470 411

1968, Mar. 13 - 200th anniv. of Canada's first fixed weather observation

CAN 01a €0.40
5 c CAD 479 420

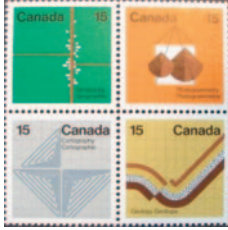


1971, June 1 - Census

CAN 02 €0.40
6 c Punch tape, magnetic tape
542 481

----- Catalog by country C

1972, Aug. 2 - 6th Congress of Intl. Cartographic Assoc.



CAN 03 normal paper €5.50
flour bands €7.50

4 * 15 c CAD
585a 502-5

1984, Aug. 31 - Papa visit

CAN 04 €1.90

32 c, 64 c CAD

1030-1

925-6



1984, Nov. 16 - Centenary of La Press

CAN 05 €0.50

32 c CAD

1044

943

1985, Mar. 15 - Canadians in space

CAN 06 €0.70

32 c Computer

1046

945

1985, Sept. 3 - Interparliamentary Union

CAN 07 €0.60

34 c CAD

1061

970



1985, Sept. 12 - Natl. girl guides movement

CAN 08 €0.60

34 c Counting on fingers

1062 971

1986, Feb. 13 - Calgary Olympic games

CAN 09 €0.50

34 c Map by computer

1077

986

----- Catalog by country C



1986, June 27- Inventions

CAN 10 €3.00

34 c Robotic arms

1100, 1102a 1000

1986, July 23 - Canadian Broadcasting Corporation



CAN 11 €0.50

34 c Computer image

1103

1003

1986, Oct. 15 - Olympics winter games



CAN 12 €1.60

34 c, 34 c CAD

1111-2

1011-2

1986, Oct. 29 - Noel



CAN 13 perf 13 ¼ €1.80 sheet €10.00

perf 12 ½ €8.00 sheet €80.00

29 c Barcode

1116, 1116a 1013A, C (B112A, C)

1987, Apr. 3 - Olympics type of 1986



CAN 14 €1.10

36 c, 42c CAD

1130-1

1031-2

----- **Catalog by country C**

1987, May 19 - Engineering

CAN 15 €0.50
36 c Microchip, computer design, printed circuit
1134 1040



1987, Nov. 2 - Gifts - Christmas, booklet

CAN 16 €2.30
31 c Barcode 1151 1062

1987, Nov. 13 - Olympics type of 1986

CAN 17 €1.10
36 c, 36 c CAD 1153a 1066-7



1988, Feb. 12 - Olympics type of 1986

CAN 18 €2.80
37 c, 37 c, 43 c, 74 c CAD 1075-8

1988, Oct. 27- Millennium of Christians in Ukraine, booklet

CAN 19 €3.00
32 c Barcode 1225 1109



1989, Oct. 26 - Christmas

CAN 20 €10.00
33 c Barcode 1259 1153

1990, Oct. 25 - Christmas

CAN 21 €0.80
34 c Barcode 1297 1202

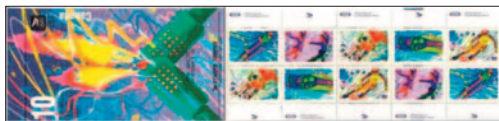


----- **Catalog by country C**

1991, Oct. 23 - Christmas

CAN 22 €3.50
35 c Barcode 1342 1255

1992, Feb. 7 - Winter olympics Albertville, booklet



CAN 22a €6.00
10 * 42 c CAD 1403b B163

1992, June 15 - Summer olympics Barcelona, booklet



CAN 22b €6.00
10 * 42 c CAD 1418b B165

1992, Oct. 1 - Canada in space



CAN 23 €1.00
2 * 42 c Computer graphics 1442a 1323-4

The stamps have a holographic image. Soaking in water may affect the hologram.

1992, Nov. 13 - Christmas

CAN 24 €0.90 booklet €5.00
37 c Barcode 1455, a 1334H, B170, MH 0-156



1993, Nov. 4 - Christmas

CAN 25 €3.50
38 c Barcode 1502 1393

----- Catalog by country C

1994, Mar. 17 - T. Eaton Company anniversary

CAN 26 €0.80

43 c CD

1510

1409



1994, June 2 - Intl. year of the family

CAN 27 €4.50

43 c Terminal

1523 1419 (B12)

1994, Nov. 3 - Christmas

CAN 28 €3.50

38 c Barcode

1536

1452



1995, Nov. 2 - Christmas

CAN 29 €3.50

40 c Barcode

1588

1521

1996, Feb. 15 - High technology Industry



CAN 30 €3.00

45 c IT, laptop, binary code

1598A

1535

1997, July 23 - Canadian industrial design



CAN 31 €0.80

45 c LCD screen 1654

1632

1997, Aug. 25 - Asia Pacific year

CAN 32 €0.80

45 c IC

1658

1636

----- Catalog by country C



1998, July 3 - Police

CAN 33 €1.60

45 c PC

1737, b

1691 (B25)

1999, Sept. 15 - Millennium - computer age (Softimage)

CAN 34-34A €5.00

46 c Vacuum tube

46 c Software

1815, 1818

1872 (B49), 1875 (B52)



Softimage: From the Computer Age to the Dinosaur Age.
Softimage: cinémagique

CAN 34A sheet of one €60.



CAN 34 sheet of two €60.00

----- Catalog by country C

1999, Sept. 15 - Millennium - charity

CAN 35 €1.20
46 c Binary code 1824c 1846

1999, Sept. 15 - Millennium - humanitarians and peacekeepers

CAN 36 €1.20
46 c Computer graphics 1825a 1840



1999, Sept. 15 - Millennium - great thinkers

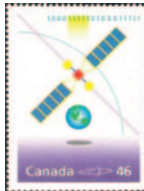
CAN 37 €1.20
46 c Word code 1829b 1853

1999, Sept. 15 - Millennium - engineering and technological marvels

CAN 38 €1.20
46 c CN tower 1831d 1823

1999, Sept. 15 - Millennium - fathers of invention

CAN 39 €1.20
46 c G. Klein 1832a 1848



1999, Sept. 15 - Millennium - enterprising giant

CAN 40 €1.20
46 c Binary code 1834b 1815

2000, Jan. 17 - Millennium-charity, sheet

CAN 41 €5.00
4*46 c Binary code 1824 B41



----- Catalog by country C

2000, Jan. 17 - Millennium - humanitarians and peacekeepers, sheet

CAN 42 €5.00
4*46 c Computer graphics 1825 B42

2000, Feb. 17 - Millennium-great thinkers, sheet

CAN 43 €5.00
4*46 c Word code 1829 B47



2000, Mar. 17 - Millennium - engineering and technological marvels, sheet

CAN 44 €5.00
4 * 46 c CN tower 1831 B49

2000, Mar. 17 - Millennium-fathers of invention, sheet

CAN 45 €5.00
4 * 46 c G. Klein 1832 B51



2000, Mar. 17 - Millennium - enterprising giant, sheet

CAN 46 €5.00
4*46 c Binary code 1834 B40

2002, Jan. 25 - Winter Olympics, Salt Lake City

CAN 47 €2.90
4*48 c Printer characters - other 1936-9 2036



----- Catalog by country C

2002, May 19 - Corals, sheet



CAN 47a €3.25
4*48 c Barcode 1951b B60

2002, Oct. 24 - Toronto Stock Exchange

CAN 48 €0.70
48 c Computer screen characters
1962 2083



2004, Jan. 24 - National Hockey League stars, sheet

CAN 49 €8.00
6*49 c LED circuit
2017 B68

2006, June 30 - Maps & Cartography

CAN 50 €0.70
51 c Proportional compass
2160 2344



2010, July 8 - Girls guides

CAN 51 €0.90
57 c Terminal 2659

2011, Aug. 12 - Canadian invention - BlackBerry (smart phone)

CAN 52 €6.50
59 c LCD screen
2761



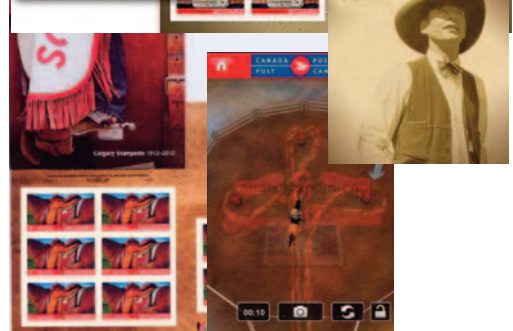
----- Catalog by country C

2012, May 11 - Children's literature: Benjamin Franklin - The turtle single, booklet



CAN 53 €20.00
12 * 61 c AR-code
2545a MH 0-433, 2814-7 (B 158), 2828-31

2012, May 17 - Calgary Stampede, 100th anniv., booklet



CAN 54 €34.00
10 * 61 c, 10 * 1.05\$ AR-code
2547a, 2548a MH 0-434 (10 * #2834),
MH 0-435 (10 * #2835)

----- Catalog by country C

2012, Oct. 15 - Christmas gingerbread cookies, booklet



CAN 55 €15.00
12 * 61 c AR-code
2583 MH 0-458 (12 * #2901)

2018, Sept. 14 - Emergency responders



CAN 56 €9.50 s-a €9.50
block €9.50 booklet €19.00
(85) c Laptop in car
3665 (B280), 3670, MH 0-628
(2 * #3667-71)



CAPE VERDE

1977, May 17 - WCD

CAP 01 €0.50
5.50 E Printed circuit 374 378



1995, Mar. 31 - Discovery of X-Ray, cent.

CAP 02 €2.50
20 E, 27 E Vacuum tubes
678-9, 679a 690-1

----- Catalog by country C

1995, July 4 - 20th anniv. independence

CAP 03 €2.00
37 E Terminal 686 698



2000, Jan. 31 - Millennium

CAP 04 €3.00
50 e LCD characters 753 770

2001, Oct. 8 - YDAC

CAP 05 €1.40
60 e Keyboard 775 801



2005, Nov. 16 - WSIS

CAP 06 €1.80
60\$ IT 854 880



CAYMAN ISLANDS

1991, Aug. 8 - Hurricane Awareness

CAY 01 €2.00
30 c Control center 629 643



1997, Oct. 10 - Telecommunication & Internet

CAY 02 €3.75
10 c Internet 745 779

----- Catalog by country C



**CENTRAL AFRICAN
REPUBLIC**

1976, Dec. 16 - Viking Mars project
CEA 01 €5.00
100, 200, 300 F Robotic space probe
C151-3 426-8



CEA 01 sheet €3.50
500 F Space control center
C154 B12

1977, Apr. 1 - Overprinted with bars and "Empire Centrafricain" on CEA 01

CEA 02 €5.00
100, 200, 300 F Robotic space probe
C165, C171, C175 440, 446, 450



CEA 02 sheet €4.00
500 F Space control center
C179 B17

1977, May 17 - WCD
CEA 03 €1.00

100 F Printed circuit
315 511



----- Catalog by country C

1979, Mar. 6 - UNICEF



CEA 04 €3.50 (each item)
40 F, 50 F, 60 F, 80 F, 100 F, 200 F, 500 F Abacus
376-9 (Var), C206-7 (Var), C208 B49-55

1979, Nov. 28 - Moon landing anniv., black / silver / red overprint on CEA 01

CEA 05 €4.00
100, 200, 300 F Robotic space probe
C212-4 639-41



CEA 05 sheet €3.25
500 F Space control center C215 B69

1980, Apr. 8 - Space history

CEA 06 €0.50
40 F Robotic space probe 413 663



1980, Nov. 4 - Europe - Africa

CEA 07-08 €4.50
150 F Minicomputer
200 F Computer graphics
C234-5 692-3

----- Catalog by country C

1982, Aug. 15 - 2nd UN conference on peaceful uses of other space - UNISPACE, Vienna, Aug. 19-21



CEA 09-10 €0.50
10 F Control center
20 F Characters
535-6 862-3



CEA 11 €3.90
1500 F Terminal
C279A B208

1983, Jan. 15 - Chess Champions



CEA 12 perf. €50.00 imperf. €100.00
1500 F Chess computer
582A, B 914-5 (B219-20)

1984, Aug. 6 - Space

CEA 13-15 €1.60
20 F Galileo Galilei
205 F CAD
300 F Robotic space probe
657, 660, 661

1036, 1039, 1040



----- Catalog by country C

1985, Oct. 31 - Space research



CEA 16-17 perf. €11.00 imperf. €25.00
240 F Galileo Galilei
450 F Robotic space probe
760, 762 1164, 1166

1985, Dec. 31 - Halley's Comet

CEA 18 €3.50
500 F Isodensity photograph of comet
784 1187



1986, Nov. 10 - US anniversaries and events

CEA 19 €3.00
450 F Control center 822 1245

1986, Dec. 31 - Inventors and locomotives



CEA 20 €3.50
500 F Werner von Siemens - portrait
841 B401

1989, Apr. 10 - Transportation innovations



CEA 21 €1.50
205 F Werner von Siemens - portrait
916 1363

----- Catalog by country C

1994, Oct. 25 - Anniversaries & events - star wars, strip of 3



CEA 22 €4.00
600 F Robot 1058 1639-41

1999, July 8 - Chun Li, street fighter 3rd strike

CEA 23 €11.00
3*1200 F Computer games
2313-5



2000, Sept. 8 - UPU anniversary



CEA 24-27 €8.00
300 F Vinton Cerf - inventor of Internet protocol
515 F Pascal portrait
1355, 1359 2569, 2573, B645, B649



2000, Sept. 28 - Events of 20th cent.

CEA 28-32 perf. & imperf. €155.00
1366-71 2576-2605 A+B



CEA 28 (1940-1950)
3*465 F Large computer ENIAC
1366 2588-90

----- Catalog by country C



CEA 29 (1950-1960)
3*485 F Shockley - transistor
1367 2591-3



CEA 30 (1970-1980)
3*750 F Robotic space probe
1369 2597-9



CEA 31 (1980-1990)
3*800 F S. Jobs, VDT, microprocessor
1370 2600-2



CEA 32 (1990-2000)
3*1000 F Robotic space probe
1371 2603-5

2007, Aug. 24 - Chess, gold-silver s/s



CEA 33 perf. €25.00 imperf. €50.00
2 * 3000 F Laptop 702-3A, B

2013, June 10 - World philatelic exhibition
THAILAND 2013, stamps on stamp (THI 12), s/s



CEA 34 perf. €5.30 imperf. €10.00
2650 F Terminal



CHAD

1965, May 17 - ITU



CHD 01-02 €2.60
30 F Olsen perforator
100 F Baudot invention
112, 114 135, 137



CHD 01-02 proof pair €50.00



CHD 01-02 luxe proof €70.00

1972, Sept. 19- Lunokhod on Moon

CHD 03 €2.60
150 F Robotic space probe
C141 599



1976, July 23 - Viking Mars project

CHD 04 €5.00
45, 90, 100, 200, 250 F Robotic space probe
314-5, C191-3 747-51

----- Catalog by country C



CHD 04 perf. sheet €3.25
 imperf. sheet €12.50
 luxe proof €100.00
 450 F Robotic space probe
 C194 B66

1979, June 8 - Philexafrique 2

CHD 05 €5.00
 60 F Perf. tape
 telegraphy
 365 847



1979, Nov. 26 - Apollo 11 Moon landing, 10th anniv., overprint on CHD 04

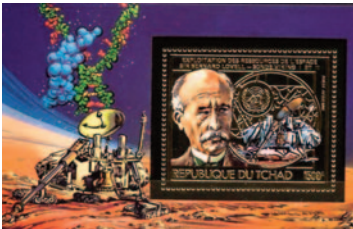
CHD 06 €7.00
 45, 90, 100, 200, 250, 450 F Robotic space probe
 379-80, C240-3 861-5, B77



1980, Feb. 20 - 20th anniversary of ASCENA

CHD 07 €1.00
 15 F, 30 F, 60 F Pixels 387-9 883-5

1983, Jan. 31 - Space exploration Viking, gold sheet



CHD 08 €40.00
 1500 F Robotic space probe
 440A 960

----- Catalog by country C

1985, Nov. 1 - Philexafrique 3



CHD 09 €5.00
 250 F PC C284 1131

1997, June 16 - History of space

CHD 10 €9.00
 450 F Galileo Galilei 708c 1507



1999 - Wonders of forgotten cultures

CHD 11 €6.50
 150 F Temporal calculator
 833 1995

2013 - Scout and butterflies, s/s



CHD 12 perf. €21.00 imperf. €40.00
 2 * 150 F, 2 * 550 F Laptop
 B502, B503

----- Catalog by country C



CHILE

1994, Sept. 12 - Conference of informatics

CHI 01 €0.80

\$100 Very large data base

1123 1631



1999, July 6-University of Santiago

CHI 02 €1.80

\$300 PC

1290 1900

1999, Dec. 1 - Lottery



CHI 03 €1.00

CHI 04 with "D.S. 20" €1.00



\$170 Computer graphics

1309-10

1919-20

2000, June 1 - El Mercurio news-paper

CHI 05 €1.90

370 p Computer

1327 1948



2002, Sept. 9 - UPAEP

CHI 06 €2.60

\$450 VDT

1402 2075

1978, Apr. 25 - Meteorology

PRC 05 €3.50

8 f Weather forecast

1386 1396

----- Catalog by country C

2006, June 9 - 50th anniv.of Catholic University of the North



CHI 07-08 €1.25

\$230 PC

\$230 Laptop

1463 2151-2

2007, Nov. 3 - UPAEP

CHI 09 €2.40

\$450 CRT monitor

1487a 2207



**CHINA,
PEOPLE'S
REPUBLIC OF**

1963, June 1 - Children's day

PRC 01 €3.40

20 f Counting on fingers

694 712



1975, Mar. 8 - Intl. working women's day

PRC 02 €20.00

8 f Abacus

1220

1230



1976, June 12 - 4th five-year plan

PRC 03 €5.50

8 f Abacus

1267

1277

1976, Sept. 6 - Education

PRC 04 €1.80

8 f Mainframe

1284

1294

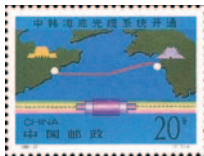


----- Catalog by country C

1979, Oct. 1- 30th anniv. of republic

PRC 06 €3.20

8 f Magnetic tape unit 1508 1517



1989, Apr. 7- Cancer prevention

PRC 07 €0.50

20 f Digital picture 2213 2232

1996, Feb. 8 - Submarine fiber optic cable system

PRC 08 €0.30

20 f FO 2647 2684

FDC are dated 1995, Dec. 15

1996, Sept. 21 - Economic progress

PRC 09 €1.50

50 f Microchip 2727 2764



1996, Dec. 19 - Hong Kong Stock Exchange

PRC 10 €1.00

290 f VDT, control center

2744 2781

1997, Dec.10 - Telecommunications



PRC 11-14 €1.10

50 f FO and digits

50 f, 150 f Computers

150 f LCD screen

2818-21 2865-8



1998, Feb. 28 - Police

PRC 15 €1.40

50 f PC

2840

2888

----- Catalog by country C



1999, Nov. 1 - Science

PRC 16 €1.00

80 f Digits

2981a 3091

2000, June 1 - Stamping the future

PRC 17 €2.50

60 f Girl and computer

3031 3149



2000, Nov. 22 - Meteorology

PRC 18 €1.70

80 f Computer screen

3068 3196



2001, Jan. 1 - Future industry

PRC 19 €1.80

80 f IC

3081 3209

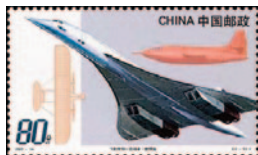
2003, Mar. 3 - Artistic knot

PRC 20 €20.00

80 f IC

80 f Calculation - giant computer

3261 3424A (perf. 12 ¼), C (perf. 12 ¾)



2003, Aug. 9 - Powered flight, cent.

PRC 21 €0.80

80 f, 2 y LCD characters

3291-2 3462-3

2003, Oct. 16 - Launch of first manned Chinese spacecraft

PRC 22 €1.20

20 f LCD characters

80 f LCD characters, binary code

3313-4 3484-5

Catalog by country C



2006, Dec. 30 - 110 years Chinese post

PRC 23 €0.50

1.20 F Plastic card 3556 3821



2008 - P-stamps



PRC 24 €8.00

2 * 80 f IBM, data base

2010, Dec. 12 - Capital markets

PRC 26 €1.50

1.20 F Computer architecture
4213



2014, Apr. 20 - Telecommunication

PRC 27 €4.00

4 * 1.20 F Binary code, Internet, LCD, mouse,
WiFi, @-symbol

4560-3

2016, Mar. 20 - 120th anniv. of Chinese Post



PRC 27A €4.00 sheetlet (4x4) €50.00

4 * 1.20 F Post office machine, sorting system,
ATM, counter hall, chip cards

4762-4

Catalog by country C

2016, Apr. 23 - Campaign for reading, sheetlet



PRC 28 sheetlet €16.00

10 * 1.20 Y QR - code

4772

2017, Mar. 9 - Development of the Beijing Provinces

PRC 28A €3.00

m/s €5.00

1.50 Y Robotics

4878 (B226)



2017, May 1st - 70th anniv. of Autonomy for Inner Mongolia



PRC 29 €1.80

1.20 Y Laptop

4891

2017, Aug. 1 - 90th anniv. of the People's Liberation Army

PRC 30 €3.60

sheetlet €12.00

1.20 Y Laptop, binary code

4924



2017, Sept. 17 - Science and technology

PRC 31 €3.40

1.50 Y TaihuLight super computer

4939



2018, Aug. 26 - Yangtze River Economic Region

PRC 32-33 €4.00

m/s €4.00

1.20 Y Control centre

1.50 Y WiFi, @-symbol

5034, 5037 (B244)

2018, Sept. 19 - 60th anniv. of Ningxia Hui Autonomous Region
 PRC 34 €1.80
 1.20 Y Binary code, control centre
 5045



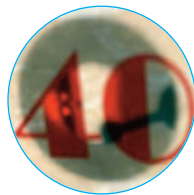
2019, Oct. 1 - 70th anniv. of PRC
 PRC 35 €4.00 sheetlet €8.00
 1.20 Y Laptop 5132

2020, July 11 - Palace Museum Beijing (II): 600th anniv. of the Forbidden City, m/s

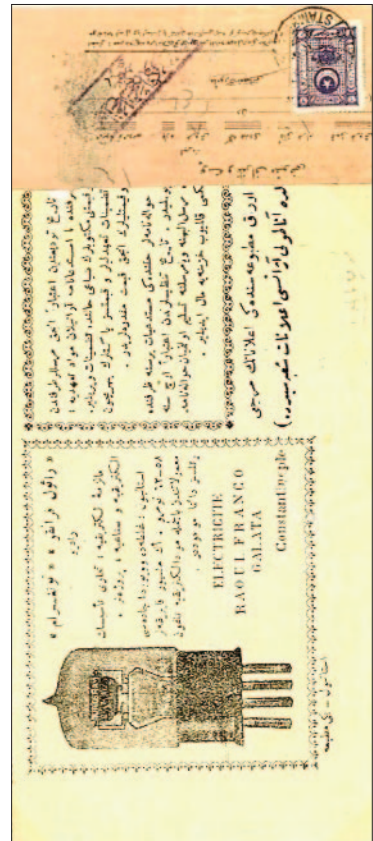


PRC 36 €6.00
 2 * [2 * 1.20 Y, 2 * 1.50 Y] QR - code, AR code
 5218-21

2020, Sept. 27 - Most popular postage stamp



NFC wireless technology is used by China for anti-counterfeiting purposes. With a built-in 120um chip, customers can turn on their smartphone's NFC function, open the China Post app, and approach the number "40" on the slip to read the data, including chip identity and serial number. The chip is able to record the reading of information every time and has functions such as traceability and electronic anti-counterfeiting.
 PRC 37 €60.00
 6Y NFC technology B263



Advertisement of radio tube. An Ottoman Turkish telegraph receipt with advertisement of radio tube of Tungfram. The Hungarian company Tungfram was founded in 1896 and was well known for producing vacuum tubes (Johann Vanden-haute collection).

----- Catalog by country C



**CHINA,
HONG KONG**

1979, Jan. 9 - Industries

HK 01 €0.40

20 c Circuitry

351

350



1987, Sept. 8 - Medical faculty

HK 02 €4.00

\$1.70 CT scanner

507

526

1989, Sept. 6 - Life in Hong Kong

HK 03 €6.00

\$1.80 Terminal screen

548

569

1990, Nov. 8 - Christmas

HK 04 €1.40

\$1.80 Barcode, punch tape

581 602



1991, Apr. 18 - Education

HK 05 €4.50

\$5 PC

591

614

1993, Sept. 8 - Science & technology



HK 06 €0.90

\$2.30 Printed circuit,

CAD

681 698

1997, Sept 21 - World Bank



----- Catalog by country C



HK 07-10 €3.50

\$1.30 Finance

\$2.30 Stock exchange

\$3.10 Telecommunication, banking

\$5 Banking system

799-802 826-9

1998, July 5 - Closing of Kai Tak airport



HK 11 €6.00

\$5 Control center

815

B58

1998, July 5 - New Hong Kong airport



HK 12 €3.75

\$1.30, \$1.60, \$2.50, \$2.60, \$3.10, \$5 Barcode

816-20

843-8

2000, Feb. 10 - Post certification



HK 13 €3.00

\$10 Internet security, binary code

872b B71

2000, Dec. 2 - ITU Telecom Asia



HK 14 €3.50
\$10 FO, binary code
872d B83

2002, Apr. 14 - Cyber industry



HK 18-21 €3.00 booklet €5.00 sheet €10.00
\$1.40 IT in education
\$2.40 IT in communication, URL, binary code
\$3.00 IT in entertainment
\$5.00 IT in commerce
974-7 1030-3

2000, Jan. 1 - New millennium children's stamps



HK 15 €3.00
\$1.30 VDT, LCD characters
\$2.50, \$3.10, \$5 LCD characters
881-4 930-3

2002, Oct. 14 - Definitive



HK 22-23 €6.50
20 c Calculator, abacus
\$2.50 e-mail
999, 1007 1056A, 1064A

2000, Oct. 22 - Chamber of Commerce

HK 16 €3.00
\$5.00 Mouse, abacus 915 965



2000, Dec. 31 - 21st century, hologram sheet

HK 17 €4.00
\$20.00 Computer graphics
917 B84

2003, Oct. 16 - Launch of first Chinese spacecraft



HK 24 €1.25
\$1.40 Binary code
1062b 1119

2004, July 20 - Sports



HK 25 €6.00 s/s €3.25
20 * \$1.40, \$5 + \$5 LED circuit
1104-8, a 1188-1207

----- Catalog by country C -----

2005, July 21 - Creative industries

HK 26 €0.60 sheet €8.00 booklet €9.00
\$2.40 Binary code, URL
1146, 1148b 1300, 1299-1302 I&II



2006, July 18 - Special attractions

HK 27 €0.30 sheet €4.30
\$1.40 Notebook 1195, 1205a 1352

2010, Apr. 27 - Hong Kong's participation in Expo 2010 Shanghai

HK 28 €2.40 block €3.00
\$5 IC 1563, B211



2011, Mar. 29 -

Volunteerism

HK 28A €5.20

\$ 2.40 Internet \$ 3 e-mail on smart phone
1436-7 1619-20

2012, Dec. 8 - 150th anniv. of stamp issuance in HK



HK 29-31 €4.30
\$ 2.50 Typewriter \$ 3 Keyboard
\$ 5 QR-code 1783-5



HK 29-31 block of 3 €10.00
\$ 2.50 Typewriter \$ 3 Keyboard
\$ 5 QR-code 1787

----- Catalog by country C -----



HK 32 €2.50
\$ 10 Barcode
B252

2013, Nov. 19 - Innovation and technologies - IT

HK 33 €5.00
\$ 2.20 Binary code, IT, display
1846



2015, Nov. 20 - 31st Asian International Stamp Exhibition

HK 34 €6.00
\$ 20 Cash register 2008I (B299)

2018, Dec. 6 - Characters in Jin Yong's novels, booklet



HK 35 €16.00
QR - code, barcode



1983, Feb. 16 - WCY

MAC 01 €2.00
60 A Teleprinter 469 497



1988, Oct. 10 - WPD

MAC 02 €12.00
13.40 p Intelpost 578 606



CHINA,
MACAO

----- Catalog by country C

1999, May 17 - WCY, strip of 5



MAC 03-05 €3.00
50 a FO
3.50 p LCD screen
4.50 p PC, Internet
983 1021, 1023, 1025



MAC 06 sheet €2.30
8 p Mouse 984 B67

1999, July - WCY, overprint sheet



MAC 07 sheet €2.00
8 p Mouse 984a B671

2001, Mar 1 - Traditional implements



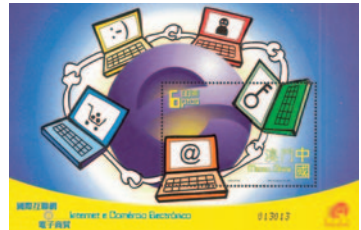
MAC 08 €0.40 sheet €2.70
1 p, 8 p Abacus
1053, 1057 1133, 1137(B88)

----- Catalog by country C

2001, June 30 - Internet, e-trade



MAC 09-12 €2.80
1.50 p Binary code
2.00 p e-mail
2.50 p Shopping card
3.00 p Personal organizer
1062-5 1148-51



MAC 13 €2.20
6.00 p Laptop, Internet
1066 1452 (B91)

2003, Oct. 16 - Launch of first manned Chinese spacecraft, sheet

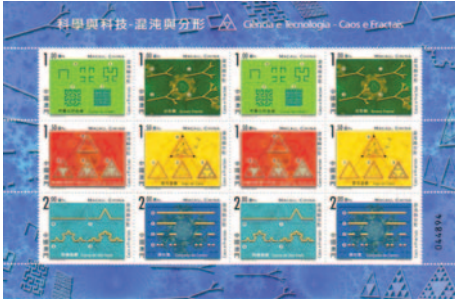


MAC 14 €5.00
1 p, 2.50 p Binary code
1128 1296-7

sheetlet €10.00

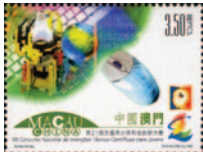
----- Catalog by country C

2005, Nov. 16 - Science & technology - chaos and fractal



MAC 15 €3.80
1 ... 8 p Fractals
1184-5 1424-30, B139

2006, July 28 - Science & technology - invention
MAC 16 €1.70
3.50 p Binary code, keyboard, wireless mouse
1197d 1469



2011, Oct. 9 - 25th Macao Intl. Music Festival
MAC 17 €3.50 block €3.00
1.50 p, 2.50 p, 3.50 p, 4.00 p, 10.00 p CAD
1751-4, 1755 (B198)

2011, Oct. 28 - 140th anniv. of Kiang Wu hospital
MAC 18 €8.00 block €10.00
4.00 p, 10.00 p Computer tomograph
1769, B101



----- Catalog by country C

2012, Aug. 8 - 120th anniv. of Tung Sin Tong charitable
MAC 19 €3.50
2.50 p Screen 1804

2013, Jan. 27 - Centenary of the Macao Chamber of Commerce
MAC 20 €3.40
1.50 p Abacus 1838



2015, July 31 - Water is life
MAC 21 €4.60 block €5.00 sheet €20
2 p Control center 1983



CHINA,
REPUBLIC OF

1960, June 27 - Phonopost Service of the Chinese armed forces
ROC 01 €2.00
\$2 Magnetic tape 1260 365



1962, Mar. 30 - Mechanical postal equipment and twine tying machine
ROC 02 €1.30
80 c Postal equipment 1336 451

1972, Nov. 12 - Progress of communications system
ROC 03 €1.60
\$1 Letter sorting 1807 926



1974, Oct. 10 - Expo '74
ROC 04 €1.00
\$1, \$8 Mobius strip 1905-6 1041-2

----- Catalog by country C

1976, Mar. 20 - Postal service

ROC 05 €2.70
\$5 Mail sorting
1985 1130



1977, Mar. 16 - Census

ROC 06 €1.00
\$2, \$10 Electronic office calculator
2036-7 1176-7



1979, July 1 - Postal saving

ROC 07 €1.90
\$8 Abacus, computer center - magnetic tape unit
2161 1299

1981, Dec. 7 - Information week

ROC 08 €0.50
\$2 Symbols - computer show
2275 1448



1981, Dec. 28 - Telecommunications

ROC 09 €0.70
\$18 Computer 2279 1452

1983, Aug. 5 - WCY

ROC 10 €1.30
\$2 VDU 2371 1526

1983, Nov. 27 - 8th Asian-Pacific Cardiology congress



ROC 11 €1.40
\$18 Computer graphics
2389 1544

----- Catalog by country C

1986, Mar. 20 - Postal anniversary



ROC 12-13 €2.00 block €6.50
\$8 Desktop calculator, ATM
\$10 Automatic sorting
2523-4 1671-2 (B34)

1986, June 12 - Protection of intellectual
proprieties rights

ROC 14 €1.20
\$2 Word SHARP in
background
2539 1686



SHARP - to the right of the
beak, the top-right writing
in blue

1988, Apr. 22 / May 9 - Industrialization by
technological development



ROC 15-18 €5.50
\$1.50 Biotechnologies - Terminal
\$7.50 Automation
\$10 Informatics - Terminal
\$12 Laser technology - control center
2632, 2635-7 1802, 1805-7

----- Catalog by country C

1988, June 15 - Police day

ROC 19 €1.20
\$12 PC, control center
2641 1814



1989, Nov. 3 - Social Welfare



ROC 20 €0.40
\$3 Terminal
2701E 1884



Specimen

1990, Mar. 1 - Labor insurance

ROC 21 €0.50
\$3 Terminal
2714 1897



1991, Mar. 28 - Republic anniv.

ROC 22 €3.00
\$12.00 PC 2788 1963



1993, July 24 - Modern technique

ROC 23 €2.30
\$5.00 CNC machining, printed circuit
2908 2129



1994, Nov. 24 - Anniversary of the Kuomintang

ROC 25 €1.80
\$19.00 Terminals 2980 2208

----- Catalog by country C

1996, Mar. 20 - Cent. postal service

ROC 26 €2.90
\$13.00 Abacus, computer, electronic cash register, POS, plastic card
3055 2292

C 26 sheet €3.00 gold foil €6.00
3055a B65



1996, May 20- President Lee Teng-hui

ROC 27 €1.30
\$13.00 PC 3065 2302

ROC 27 block €2.70
3063-6 B66

1996, Nov. 1 - Merchants' day

ROC 28 €0.60
\$5 Barcode, computerized letters
3092 2348

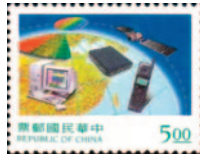


1996, Nov. 15 - Disabled persons

ROC 29 €2.50
\$5, \$19 PC 2350-1

1997, July 16 - Electronic industry

ROC 30-31 €3.40
5.00 NTD Desktop PC, IC, LCD
26.00 NTD Laptop, printed circuit, LCD display
3133-4 2389-90



----- Catalog by country C

1997, Sept. 9 - Sports



ROC 32 €3.20
5.00, 12.00, 19.00 NTD LCD characters
3143-5 2401-3

1998, Apr. 30 - Copyright law

ROC 33 €1.80 m/s €40.00
19.00 NTD PC, magnetic tape
3170 2447



2001, Aug. 14 - Rapid transit system

ROC 34 €1.40
12.00 NTD Fare card 3372 2686

2001, Sept. 9 - Republic anniv.



ROC 35-36 €3.20
5.00 NTD Bridge between mainland and T
5.00 NTD Laptop, PDA - palmtop, binary
code, LCD technology
3382-3 2700-1

2002 - Personal greetings stamps



ROC 36A €f.p.
10 * 5 D IBM history (1992-2002)

----- Catalog by country C

2005, Jan. 31 - Personal greetings Internet



ROC 37 €1.20
4 * 5 Internet 3600 3021-4

2005, Aug. 19 - 18th Asian Intl. Stamp Exhibition (TAIPEI 2005)

ROC 38 €1.50
5, 25 CD, keyboard,
binary code
3630 3056-7 (B116)



2011, Feb. 14 - Valentine's Day



ROC 39 €1.80
5 D, 25 D QR-code
3567-8

2016, Oct. 21 - PHILATAIPEI philatelic exhibition



Block with barcode

Block with numbering

ROC 40 €2.00 block €4.00 ... €12.00 sheetlet €30
25 D, 32 D e-commerce, barcode
4116A, 4118A, B205A (barcode), B205B

----- Catalog by country C

2019, Sept. 25 - Intelligent transportation



ROC 41-44 perf. 13 ¼ : 13 €2.80
 perf. 12 ¾ : 12 ½ €2.80 (block)
 m/s (18) €80.00

- 8 NTD Little green man
pedestrian signal
- 8 NTD Electronic toll collection
- 8 NTD Multipurpose
smart card (ticket)
- 8 NTD Intelligent transportation
4344A-4347A, 4344C-4347C (block)



CHRISTMAS ISLANDS

1980, May 5 - Phosphate industry



CHM 01-02 €1.50
 40 c Monitor
 55 c Minicomputer
 97-8 126-7



COCOS (KEELING) ISLANDS

1993, June 1 - Education



COI 01-02 €4.00
 \$1.05 Child with computer
 \$1.20 Terminal
 281-2 297-8

----- Catalog by country C



COLOMBIA

1968, Oct. 29 - DP conference

COL 01 €0.40
 20 c Calculator symbols
 C510 1140



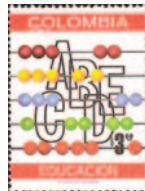
1973, Dec. 20 - Auditing office

COL 02 €0.20
 \$0.80 Punch tape, magnetic tape
 819 1261



1977, Sept. 16 - Education

COL 03 €0.50
 3.00 P Abacus 861 1344



1986, July 17 - Computer portrait of Bach

COL 04 €2.00
 70 P Computer graphics, pixel
 C766 1678

1990, May 19 - Trans Carabinean submarine cable

COL 05 €1.00
 150 P FO C829 1802



1997, May 22 - Ericson

COL 06 €4.50
 900 P LCD screen C895 2048

----- Catalog by country C

2001, Oct. 9 - YDAC

COL 07 €2.00

\$6.50 Keyboard 1180 2172



2008, Oct. 29 - Campaign of the Ministry of communication

COL 08-09 €4.00 sheet €5.00

\$1.500 Keyboard, notebook

\$1.500 Internet, @-symbol

1297b-c 2516-7 (B72)



COMORO ISLANDS

1976, July 1 - Telephone centenary

COM 01 perf €10.00 imperf €20.00

100 F Control center

199 291



COM 02 sheet: perf €4.50 imperf €15.00

400 F Control center

202 294 (B36A, B)

1976, Nov. 23 - Bicentennial american revolution, Viking probe to Mars

COM 03 perf. €14.00 imperf. €36.00

100 F, 500 F Robotic space probe

210-1 309-10A, B



COM 03 sheet: perf. €5.00 imperf. €25.00

400 F Robotic space probe

213 B51A, B

----- Catalog by country C



COM 04 gold embossed sheet:

perf. €15.00 imperf. €36.00

1500 F Robotic space probe

214 B59A, B

1976, Nov. 25 - UN postal admin., 25th anniv.

COM 05 €0.50 block €3.00

75 F Perf. tape telegraphy

218, 218 (Var) 301, B48



1977, July 7 - 75th anniv Nobel Prize

COM 06 €0.80

40 F Michelson, Bardeen, Britain, Shockley

255 347



COM 06 block €42.00

750 F Michelson, Bardeen, Britain, Shockley

255 (Var) B92

1978, May 17 - WCD



COM 07 €2.00

Issue not valid for postage.

200 F Large computer

427

Catalog by country C

1978, Dec. 16 - ESA Europe-Africa



COM 08-10 €10.00
10 F CAD
25 F Mainframe
500 F Control center
386-7, 391 487-8, 492

1979, Feb. 19 - Exploration of solar system



COM 11 €0.20
perf sheet €60.00
imperf sheet €80.00
20 F Galileo Galilei
409 503, B201

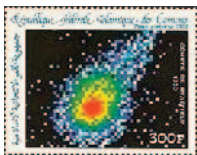
1979, Sept. 15 - WCD, black overprint



COM 12-13 €2.50
75 F Perf. tape telegraphy
200 F Control center
473, 479 572, 578

1986, Mar. 7 - Halley's comet

COM 14 €3.00
300F Pixel design of Bradfield comet
C161 775



1988, Nov. 28 - Space achievements

COM 15 €54.00
200+10 F Galileo Galilei
200+10 F J. Kepler
B4a, c 854, 6

Catalog by country C

1990, Nov. 26 - Space



COM 16 €4.40
375 F Computer graphics
742 946

1992, Mar. 30 - Space exploration

COM 17 perf. €11.00 imperf. €15.00
125 F, 150 F, 500 F Robotic space probe
784, 786-7, 787a 990, 992-3



COM 17 sheet: perf. €11.00 imperf. €15.00
1000 F Robotic space probe
789 995 (B365)

1992, May 28 - Explorers



COM 18 €4.40
375 F Computer graphics
794 1000

1992-1995 - Explorers, overprint (obliterator of dots)

COM 19 € f.p.
25 F on 375 F Computer graphics
796E 1084

1992-1995 - Space, black overprint (bar obliterator)

COM 20 € f.p.
225 F on 375 F Computer graphics
804L 1070

1992-1995 - Explorers, overprint (bar obliterator)

COM 21 € f.p.
225 F on 375 F Computer graphics
804P 1112

1992-1995 - Halley's comet, red overprint

COM 22 € f.p.
200 F on 300 F Computer graphics
804R 1105

----- Catalog by country C

1996 - Halley's comet, gold overprint (wide numerals, obliterator of small squares in grid)

COM 23 € f.p.
200 F on 300 F Computer graphics
812P 1174

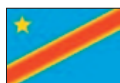


1996 - Space, black overprint (wide numerals, obliterator of small squares in grid)

COM 24 € f.p.
225 F on 375 F Computer graphics
815U 1080

1996, Dec. - Space achievements, silver overprint (bar obliterator)

COM 25 € f.p.
200 F on 200+10 F Galilei, Kepler
816P, R 1125, 7



CONGO, DEMOCRATIC REPUBLIC (Kinshasa)

1964, Feb. 1- Lovanium University, 10th anniv.

CDR 01 €6.00
50 c, 30 F Slide rule
472, 476 155, 159



CDR 01 sheet €5.00
20 F Slide rule 479a B3

1971, Oct. 24 - Reading campaign

CDR 02 €1.30
2.50 K Abacus 748 445



2003 - W. Brattain, inventor of transistor
CDR 03 €f.p.
3.50 K Portrait

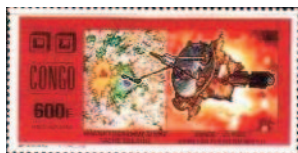
----- Catalog by country C

CONGO, PEOPLE'S REPUBLIC OF (Brazzaville)



1988, Apr. 28 - Invention of the telegraph, 150th anniv.

CPR 01 €1.20
120 F Perforated tape, telegraphy
808 1123



1991, Aug. 23 - Automobiles & space

CPR 02-03 perf €5.00 imperf €12.00
80 F Robotic space probe
600 F Computer graphics
922, 924 1277, 1279



sheet of one perf €7.00 imperf €15.00
B73, B75



sheet of 3 perf €27.00 imperf €34.00
1277-9

----- Catalog by country C

1992, Feb. 4 - Launching of Meteosat and ERS-1 over Europe and Africa, s/s of one stamp (85x36 mm)



CPR 04 €50.00
120 F Computer system
961 B89

1993, June 25 - Deep sea submersibles



CPR 05-06 €10.00
200 F, 250 F Robot



1024-5 1374-5



COOK ISLANDS

2011, Oct. 21 - Japan Tsunami Relief

COK 01 €11.00
\$1.10, \$5.00 QR-code, URL
1708-9, B230



2011, Oct. 21 - Wetlands for healthy islands

COK 02 €11.00
\$1.10, \$5.00 QR-code, URL
1714-5, B231

----- Catalog by country C

COSTA RICA



1974, July 30 - Electrical institute

COR 01 €0.30
65 c Control center C590 869

1988, June 27 - Anglo-Costa Rican Bank

COR 02 €0.30
3 c Computer - open systems
403 1349



2005, Oct. 19 - UPAEP

COR 03 €1.10
1.20 c Keyboard, mouse 587a 1620

2009, June 30 - 60th anniv. ICE

COR 04 €6.75
340 c Notebook, LCD screen
628d 1727



2012, June 7 - 135th anniv. of the Bank of Costa Rica

COR 05 €1.40 block €2.80
275 c Mouse, LCD screen
1783, B48

----- Catalog by country C



CROATIA

1992, Feb. 4 - Winter Olympics Albertville

HR 00 €0.80
30 d Computer graphics
105 188

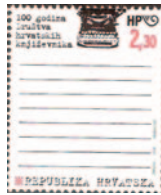


1992, July 25 - Summer Olympics Barcelona

HR 01 €0.60
40 d, 105 d Computer graphics
128-9 203-4

2000, Apr. 22 - Croatian Writers' Assoc., 100th anniv.

HR 02 €2.00
2.30 K Typewriter
422 538



2000, Sept. 9 - Stamp day

HR 03 €1.20
2.30 K Sorting machine 438 557



2001, Apr. 19 - Sky

HR 04 €1.30 m/s €12.00
2.80 K LCD characters 449 568

2001, Aug. 31 - Wimbledon

HR 05 €0.70 with label €0.90
2.50 K LCD characters 461 581



2001, Oct. 8 - YDAC

HR 06 €1.40
5 K Keyboard 466 586

----- Catalog by country C

2002, Feb. 16 - Chamber of Economy

HR 07 €0.70
2.50 K Barcode 484 604

2003, Apr. 16 - Alpine skiing world cup

HR 08 €1.80 with label €2.00
2*3.50 K LCD characters
518 645-6



2005, Feb. 10 - WSIS

HR 09 €0.90
2.80 K e-mail, printed circuit
574 707

2005, Sept. 9 - Stamp day

HR 10 €0.60
2.30 K Perf. tape, telegraphy
593 736



2011, Sept. 9 - Stamp day

HR 11 €0.90
3.10 K QR code, URL 1004

2013, July 2 - 60 years film festival in Pula, sheet

HR 12 €7.00
3.10 K QR-code 1086



----- Catalog by country C

2014, Apr. 9 - Undersea world, s/s

HR 13 €7.20

4 * 5.80 K Barcode

1118-21

2020, Sept. 1 - Cryptocurrency (I), m/s

HR 14 €15.00

50.00 K QR-code

1482 (B77)



2020, Dec. 15 - Cryptocurrency (II), m/s

HR 15 €15.00

50.00 K QR-code

1498 (B79)



CUBA

1967, Apr. 28 - Expo '67

CUB 01 €2.00

13 c Perforated paper tape

1223 1293



1970, Mar. 15 - Expo '70

CUB 02 €3.00

3 c Punch card

1504

1576

1970, Nov. 20 - Education



CUB 03 €2.00

13 c Abacus

1570

1642

----- Catalog by country C

1972, Apr. 12 - Soviet space program

CUB 05 €0.20

5 c Robotic space program

1690 1764



1971, Feb.16 - Meteorology

CUB 04 €0.20

1 c Magnetic tape unit, punch tape

1589 1663

1974, Feb. 27 - Carlos M. de Cespedes

CUB 06 €1.1

13 c MIC

1871 1946



1975, Apr. 12 - Cosmonaut's day

CUB 07 €1.50

2 c Robot

1965

2040

1980, Sept. 23 - 1st Soviet-Cuban joint space flight

CUB 08 €1.50

13 c, 30 c LCD characters

C324-5

2501-2

1982, Apr. 12 - 2nd UN Congress on the peaceful use of outer space

CUB 09 €1.90

20 c Robotic space probe

2504 2653



1983, Nov. 13 - WCY

CUB 10 €0.20

5 c Letter sorting

2624

2773

----- Catalog by country C

1983, Dec. 20 - Flowers & birds



CUB 11 €4.90
2*100 c Computer graphics
2658B, C B79-80

1989, May 5 - Cuban postal code

CUB 12 €0.30
5 c Sorting solutions 3126 3289



1996, Jan. 30 - Scientists

CUB 13 €3.50
10 c Leonardo da Vinci 3716 3894

2001, Oct. 9 - YDAC

CUB 14 €1.80
65 c Keyboard 4170 4377



2002, Feb. 21 - UPAEP

CUB 15 €1.80
65 c PC, printed circuit, e-mail, binary code
4202 4413

----- Catalog by country C

2002, Apr. 4 - 40th anniversary of UJC

CUB 16 €0.40
15 c PC 4208 4419



2002, Oct. 12 - Education and literacy

CUB 17 €1.80
65 c Children at PC 4249 4460

2005, Jan. 12 - Informatics



CUB 18 €1.00
65 c Laptop, FO 4451 4665

2005, Nov. 16 - WSIS

CUB 19 €1.30
75 c PC 4536 4752



2007, Jan. 4 - Special education

CUB 20 €1.40
85 c PC 4663 4887

2007, Feb. 12 - INFORMATICA 2007



CUB 21 €1.20
75 c Binary code, printed circuit
4672 4896

2007, July 3 - UPAEP

CUB 22 €1.10
65 c Binary code
4728 4957



----- Catalog by country C

2007, Sept. 8 - Youth club

CUB 23 €1.00

65 c PC, e-mail

4745

4974



2007, Oct. 12 - UPAEP - education

CUB 24 €4.50

sheet €5.00

75 c Girl at PC

75 c Man at terminal

4785 4990-3 (B231)

2007, Oct. 26 - Intl. Conference for Design



CUB 24A €3.20

imperf. €15.00

75 c CAD

85 c Multisaber software

5002-3

2007, Dec. 15 -15th anniv. INFOMED

CUB 25 €2.00

65 c URL

4773

5015



2009, Feb. 9 - Intl. computer fair

CUB 26 €1.60

1.00 Microchip, binary code, keyboard

4934 5215 (B255)

2009, June 14 - 5th anniv. of FORDES computers

CUB 27 €1.50

75 c Binary code

4997 5283

----- Catalog by country C



2010, Apr. 18 - First Cuban computer, 40th anniv.

CUB 28 €1.40

75 c Computer, binary code, MICR, printed circuit
5383

2011, Feb. 7 - Intl. computer science fair



CUB 29 €1.80

1.00 Laptop, CDROM, flash memory, memory
card, punched card, diskette, magnetic tape
5475 (B282)

2013, March 18- 15th Intl. Convention and Fair, s/s



CUB 30 €2.00

1.00 IT

5677 (B298)

2013, June 18 - Intl. Design Summit, s/s



CUB 31 €2.00

1.00 LCD screen

5714 (B303)

2014, Apr. 21 - 20 years CITMA



CUB 32 €1.80
90 c LCD

5803

2016, Mar. 14 - IT 2016, 16th International Convention an Fair, s/s



CUB 33 €2.00
1.00 LCD screen, Binary code, PC, laptop
6082 (B336)

2016, Oct. 6 - 25 years COPEXTEL Electronics, Automatics, Communications



CUB 33a perf. €1.50 imperf. €15.00
75 c Woman at PC 6144

2017, Mar. 15 - Computer technologie



CUB 34-37 €4.50
40 c Software, video game 45 c TV digital
65 c Tablet, Wi - Fi 75 c Internet
6221-4

2017, Sept. 7 - 30 years since of the Computer and Electronics Club

CUB 38 perf. €1.50 imperf. €18.00
75 c LCD screen (smart phone), laptop
6286



2019, July 18 - 10th anniv. of Finance Office Computing

CUB 39 perf. €1.30 imperf. €10.00
65 c Woman with laptop
6510



CURACAO

2011, July 11 - Technology



CRC 01-02 €16.00
375 c Fiber optic
42, 44



625 c Computing



CYPRUS

1975, Oct. 13 - Telecommunications

CY 01 €0.50
100 M Punch tape 443 433



1988, May 9 - Europe CEPT

CY 02 €3.00
7 c Intelpost 701 695



2002, Sept. 12 - Teacher's day



CY 03 €1.60
30 c PC 995 998

----- Catalog by country C

2015, Sept. 14 - 150th anniv. of ITU

CY 04 €1.50
sheetlet €12.00
€10.64 Barcode
1338



CYPRUS, TURKISH REPUBLIC OF NORTHERN

1983, June 30 - Europe CEPT

CYT 01 €18.00
100 TL Computer graphics
127, a 128, B4



1993, Dec. 27 - TAK news agency

CYT 02 €2.25
2000 L PC 359 368

2000, Mar. 2 - Millennium



CYT 03-04 €3.00
75 000 TL LCD screen
275 000 TL Internet
494-6 510-2

2005, Feb. 15 - Website for Universities in Turkish Republic of Northern Cyprus

CYT 05 €1.00
50 Ykr URL 590 613



2006, Jan. 6 - 50 years Europe stamps

CYT 06 €3.20
1.40 YTL Computer graphics
607, a 631A, B; B24A, B

----- Catalog by country C



CZECH REPUBLIC

1995, Oct. 11 - Discovery of X-ray cent.

CZR 01 €0.70
6 Kc Vacuum tube 2972 91



2001, Oct. 9 - YDAC

CZR 02 €0.80
9 Kc Keyboard 3156 307

2005, Sept. 21 - Information summit

CZR 03 €0.50
9 Kc IT 3285 449



2008, Nov. 25 - EC presidency

CZR 04 €1.40
17 Kc URL 3407 583

2009 - 5th anniv. of EXPONET, personalized sheets



CZR 05 €40.00
9 * 10 Kc, 9 * 10 Kc URL

----- Catalog by country C

2009, May 6 - Europe CEPT

CZR 06 €1.20

17 Kc J. Kepler

3419 595



2010, May 5 - Europe CEPT

CZR 07 €1.00

17 Kc Karel Capek

629

CZECHOSLOVAKIA

1958, Aug. 20 - Death anniversaries of famous Czech

CZ 01 €0.80

60 h Karel Capek

875 1095



1961, Jan. 20 - Third five-years plan

CZ 02 €0.70

30 h Control center

1021 1242

1964, Mar. 20 - 400th birth day anniv.

CZ 03 €1.40

1 Kcs Galileo Galilei

1231 1461

1965, July 10 - ITU centenary

CZ 04 €0.50

1 Kcs Perforated paper tape

1333 1559



1966, Sept. 26 - Space research

CZ 05 €2.30

1 Kcs Binary code

1426 1655



----- Catalog by country C

1968, Nov. 18 - Cultural personalities of 20th cent.

CZ 06 €0.40

30 h Karel Capek

1583 1833



1975, Sept. 30 - Space research

CZ 07 €2.60

5 Kcs Punch tape

2028 2282

1979, Apr. 2 - Telecommunications

CZ 08 €0.20

10 h Punch tape

2232 2504



1979, Sept. 28 - Coil stamps

CZ 09 €0.30

1 Kcs Printed circuit

2274 2528

1980, Jan. 15 - Coil stamps



CZ 10 €0.60

3 Kcs Punch tape

proof € f.p.

2276 2543

1980, Sept. 28 - National census

CZ 11 €0.40

1 Kcs Punch tape

2328

2573



1981, June 10 - Development

CZ 12 €0.50

2 Kcs Control room

2368

2620

----- Catalog by country C

1982, Oct. 28 - Technology

CZ 13 €0.30

3 Kcs Robotics 2428 2683



1984, Oct. 28 - Party Conference

CZ 14 €0.20

1 Kcs Letter sorting 2531 2786

1987, July 6 - Mathematics and physics



CZ 15 €0.40

50 h, 50 h Computer graphics

2663-4 2919-20

1987, Sept. 23 - Socialist Communications Organization

CZ 16 €0.60

4 Kcs Punch tape 2671 2926



1989, Mar. 27 - Shipping

CZ 17 €1.85

5 Kcs Printer 2741 2999

1990, Jan. 9 - UNESCO



CZ 18 €0.10

50 h Karel Capek 2771 3031

----- Catalog by country D



DAHOMEY (BENIN)

1965, May 17 - ITU centenary

DAH 01 €1.60

100 F Baudot telegraph

202 251



1967, Oct. 24 - Postage due

DAH 02 €0.20

3 F Perforated paper tape

J37a T39

1971, July 12 - J. Kepler

DAH 03 €4.50

40 F, 200 F Portrait

C142-3



DENMARK

1954, Feb. 2 - 100 years telegraphy

DK 01 €0.50

30 O Punch tape (single-channel)

352 351



1965, Mar. 8 - Business School

DK 02 normal paper €0.35

fluorescent paper €0.35

15 O Accounting machine

415 426

1965, May 17 - Telecommunications



DK 03 normal paper €0.40

fluorescent paper €0.40

80 O Punch tape

420 431

----- **Catalog by country D**

1969, Nov. 20 - Valdemar Poulsen, inventor



DK 04 €0.20
30 O Symbolic design
464 487

1988, May 5 - Europe CEPT

DK 05 €4.00
4.10 K Printed circuit 855 922



1991, May 2 - Europe CEPT

DK 06 €8.50
3.50 K, 4.75 K CAD 936-7 1000-1



2009, Jan. 7 / Sept. 9 - UN climate conference

DK 14 €8.00
5.50 K, 5.50 K, 8.00 K,
9.00 K CAD
1422-3, 1444-5
1521-2, 1539-40

1998, Jan. 22 - Danish Confederation of Trade Union

DK 07 €4.00
5 K PC 1089 1173

1998, May 28 - Post & Tele Museum

DK 08 €5.20 booklet €10.00
4.50 K Punch tape (single-channel)
1093, 1095a 1183

2000, May 9 - 20th century

DK 09 €5.00
6.75 K Radio tube 1176 1251



2000, Nov. 8 - 20th century

DK 10 €5.00
5.50 K Home page, mouse pointer
1183 1266

2001, May 9 - Definitive, vending machine stamps, white / blue / yellow paper

DK 11-13 €4.50
00.25 K ... 99.75 K Monitor, URL
00.25 K ... 99.75 K LCD screen, URL
00.25 K ... 99.75 K Laptop, URL
14-16



DENMARK - FAROE ISLANDS

1994, June 6 - School of navigation

FAR 01 €2.80
7.00 K Control center 269 265



2000, May 22 - Children paintings

FAR 02 €5.55
8 K PC 382 378

2003, Feb. 24 - Volupsa

FAR 03 €15.20
10*6.50 K URL 429 436-45



2004, Mar. 26 - Mariu cruise, sheet

FAR 04 €12.20
8*6.50 K URL 442 487-94

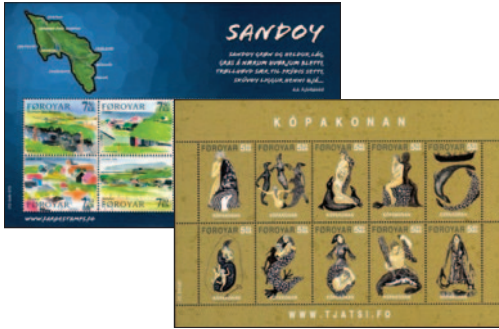
2004, Sept. 20 - J. Djurhuus, sheet



FAR 05 €17.70
10*7.50 K URL 451 501-10

2006, Sept. 18 - Sandoy Island

FAR 06 sheet €14.45
8*7.50 K URL 477 576-83



2007, Feb. 12 - The seal women
FAR 07 sheet €13.75
10*5.50 K URL 483 586-95

2008, May 19 - Europe CEPT



FAR 08 €3.25
7.50 K @-symbol 503 639

2013, Sept. 20 - NORDAFAR, block



FAR 09 €7.20
3 * 9 KR AR-code (SEPA stamp)
788 (B32)

2019, Apr. 29 - Europe: Native birds



FAR 10 €15.00 m-s €130.00
booklet (6 items, s-a) €25.00
19 KR, 26 KR CEE-App
955-6, 957 (booklet)



**DENMARK -
GREENLAND**

1983, May 19 - Disabled people

GRO 01 €1.50
2.50 K + 40 o Magnetic cassette
B11 142



1988, Sept. 16 - Postal anniversary

GRO 02 €1.80
3.00 + 50 o Telefax B13 199

2013, June 11 - Joint issue Greeland - Israel:
Endangered animals, block



GRO 03 €5.30
19.50 K AR-code 639 (B 62)



DJIBOUTI

1977, July 26 - Famous inventors



Afar & Issas - AFI 01, brown
overprint with bars and
"Republique de Djibouti"

DJ 01 €5.00
55 F Edison C106 L195

----- Catalog by country D

1981, Mar. 9 - Space flights

DJ 02 perf €2.60 imperf €4.00
 block: perf €32.00, imperf €55.00
 120 F Robotic space probe
 C145 294, B34



1982, Feb. 15- Space anniversaries

DJ 03 perf €6.00 imperf €7.00
 block: perf €32.00, imperf €50.00
 180 F Robotic space probe
 C157 329, B58

1984, Oct. 7 - Galileo telescopes, 375th anniv.

DJ 04 perf €5.00 imperf €6.00
 block: perf €32.00, imperf €42.00
 180 F Galileo Galilei
 C208 421, B105A, B105B



1985, July 2 - Philexafrique 3

DJ 05 perf. €4.00 imperf. €5.00
 80 F PC C213 445



1985, Oct. 2 - International transmission center

DJ 06 perf €1.95 imperf €8.00
 block: perf €13.00, imperf €17.00
 50 F Large computer
 C215 454, B117A, B117B

1987, Oct. 1 - Invention of the telegraph, 150th anniv.

DJ 07 €1.20
 250 F Perforated tape, telegraphy
 C234 499



----- Catalog by country D

1990, Oct. 9 - Development conference

DJ 08 €1.20
 45 F CRT monitors 680 543

1998, Sept. 27 - WCD

DJ 09 €35.00
 150 FD PC 786 668



2000, Aug. 23 - Space exploration

DJ 10 €22.00
 6 * 100 FD LCD characters
 825-9 780-91

2014, May 1 - 14th African Internet summit

DJ 10A €15.00 block €130.00
 170 Fdj Internet logo
 819 (B167)

2016, July 28 - 40 years of Steve Jobs Company



DJ 11-13 €10.00 sheetlet €10.00
 block €10.00 single block €10.00
 4 * 260 FD Steve Jobs, Apple PC
 960 FD Steve Jobs, Apple PC, keyboard
 1194-7, 1198 (B300)

----- Catalog by country D

2018, Feb. 18 - 55th anniv. of Garry Kasparov birthday, block



DJ 14 €15.00
950 FD Computer games, Deep Blue, IBM, monitor
2133 (B1129)

2019, Mar, 14 - Scouts



DJ 15 €10.50
250 FD Laptop



sheetlet €10.50
2843



DOMINICA

1973, July 16 - World meteorological cooperation

DOM 01 €2.20
\$1 Water map
360 360



1976, Sept. 20 - Viking missions to Mars

DOM 02 €3.60
\$2 Robotic space probe
501 504

----- Catalog by country D

1985, Apr. 30 - Awards

DOM 03 €0.60
45 c Microcomputer
896 910



1991, Aug. 12 - World landmarks, sheet

DOM 04 €4.00
\$6 Galileo Galilei 1366 B186

1999, Dec. 31 - Millennium

DOM 05-06 €8.50
55 c ENIAC computer
55 c Transistor (1947)
2186j,l 2788, 2790



2001, Nov. 15 - Photo mosaic of Queen Elizabeth II

DOM 07 €1.00
\$1 Computer graphics 2334 3234

2001, Nov. 29 - The history of the World Cup, sheet of 6



DOM 08 €12.00
6 * \$2 Internet 2341 3235-40

----- Catalog by country D



DOMINICAN REPUBLIC

1977, Nov. 30 - Statistics
DOR 01 €1.00
6 c Computer

790 1172



1979, Aug. 27 - Inventions
DOR 02 €0.80
25 c Edison

817 1239

1999, Aug. 31 - Presidents
DOR 03 €11.00
8 * \$3 Computer graphics
1309 1952-9



1999, Nov. 10 - Millennium
DOR 04 €2.20
\$5.00 PC

1330 1980

1999, Nov. 29 - 125 years UPU
DOR 05 €2.60
\$6.00 PC
DOR 05 sheet €3.75
\$10 Printed circuit

1334 1984

133 B51



DOR 05 sheet €3.75
\$10 Printed circuit
133 B51

----- Catalog by country D - E

2000, June 1 - World expo Hannover
DOR 06 €7.50
\$5, \$10 Computer graphics
1361-2 2012-3



2001, Jan. 1 - YDAC
DOR 07 €6.00
\$12 Keyboard

1378 2051

2007, Mar. 1 - Plans for progress



DOR 08-09 €5.00
\$10.00 FO \$25.00 PC, keyboard
1427-8 2097-8



DUBAI, EMIRATE OF

1972, Feb. 7 - Famous persons

DUB 01 €7.00
10 d Leonardo Da Vinci
154 405



ECUADOR

1954 - Telegraph stamp surcharged "ESCOLAR 20 Centavos"
EQ 01 €0.50
20c on 30c Typewriter RA66 72



----- Catalog by country E

1954 - Telegraph stamp surcharged "Pro-Turismo 1954 10 ctvs. 10"

EQ 02 €1.00
10c on 30c Typewriter RA70 74

1966, June 24-Galileo Galilei, 400th birth centenary

EQ 03 €6.50
\$2 Portrait 750B 1222



1966 - San Marco satellite

EQ 04 €3.50
\$3.50 Leonardo da Vinci, J. Kepler
757 1294

1971, Nov. 11 - Road conference

EQ 05 €1.00
\$5 Punch tape C487 1539



1990, July 12 - World Cup Soccer

EQ 06 €2.60
100s, 200s, 300s MIC
1234-8 2161-3

1990, Sept. 1 - National census

EQ 07 €2.30
100s, 200s, 300s MIC
1245-8 2164-6, B145

1991, Feb. 28 - Journalism

EQ 08 €3.00
200 S PC 1260 2187



----- Catalog by country E

2000, Oct. 27 - Civil register, cent.

EQ 09 €5.00
USD 0.68 PC 1538 2503

2001, Apr. 11 - Military Geographic Institute

EQ 10 €7.00
USD 0.68 PC printing press
1562A 2545



2004, Apr. 14 - Military Geographic Institute

EQ 11 €2.30
USD 1.05 CAD 1699 2785

2009, Nov. 5 - Ecuador exports technology - COBIS

EQ 12 €1.00
USD 0.50 Binary code, LCD display
3183



2011, July 8 - Telecommunications

EQ 13 €5.00
USD 0.50 URL, digital technology, FO, @-symbol
3310



EGYPT

1969, Dec 17 - Science computation

EGY 01 €0.60
20 M Abacus, punched card
815 445



1971, Oct. 31 - Postal traffic center

EGY 02 €0.70
20 M Letter sorting 881 529

----- **Catalog by country E**

1995, June 12 - Discovery of X-Ray

EGY 03 €0.40
15 P Vacuum tube 1590 1315



Printed draft (Johann Vandenhaute collection)

1996, Apr. 20 - 50 years Egyptian society of accountants and auditors

EGY 04 €0.50
15 P Abacus, PC 1618 1346



2000, Oct. 7 - Cairo subway line

EGY 06 €0.20
20 P Computer graphics 1770 1496

2001, Oct. 9 - YDAC

EGY 07 €1.00
125 P Keyboard 1803 1537



2002, Jan. 25 - Police day, 50th anniversary

EGY 08 €0.20
30 P Computer 1816 1553

2002, Dec. 31 - Post day

EGY 09 €1.00
125 P Calculator 1840 1592

----- **Catalog by country E**

2003, Jan. 12 - Cairo Intl. comm. and IT fair

EGY 10 €0.50
30 P Binary code 1841 1593



2003, Oct. 9 - World post day

EGY 11 €1.00
125 P PC 1862 1614

2004, Jan. 17 - Eighth International telecommunications conference

EGY 12 €0.50
30 P Binary code 1876 1732



2004, Feb. 24 - IBM Corporation in Egypt, 50th anniv.

EGY 13 €0.20
30 P IBM system 1882 1688

2004, Mar. 15 - Regional computer programming and IT

EGY 14 €0.20
30 P PC 1884 1690

2005, Feb. 1 - 9th Cairo Intl. telecommunications conference

EGY 15 €0.50
30 P Binary code 1932 1732



2005, July 31 - Information society summit

EGY 16 €0.80
150 P PC 1942 1742

2006, Feb. 5 - 10th ICT exposition

EGY 17 €0.40
30 P IT 1964 1767

----- Catalog by country E

2007, Dec. 24 - Tourism (Marsa Alam)



EGY 18 €12.00
150 P URL

1816

2008, July 18 - Tourism (Hurghada)



EGY 19 €12.00
150 P URL

1832

2009, Nov. 15 - 4th meeting of Internet Governance Forum (IGF)

EGY 20 €1.00
150 P @-symbol

1885



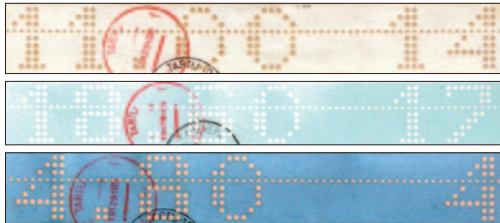
2019, Jan. 2 - Post day

EGY 21 €1.20
3 LE Tablet, fingerprint
1885



ESTONIA

1991-2 - Perf. tape as stamp



EES 01 €30.00

Estonian Post used TARTU Observatory's computer to manufacture 8-hole punched paper tape that could use as stamps. Such stripes - 8 hole tape - in sets of 16 stamps in 3 colors (white, light blue and blue) were sold in TARTU

----- Catalog by country E

Post Office as replacements of stamps, because although Estonian postal stamps were issued, there was not enough them and also still valid stamps of USSR ended in post offices. The stripes were sold Dec. 19, 1991 until Jan. 15, 1992, valid until June 30, 1993. Important part of this stripes was magenta-red control postmark dated 19129100 (Dec.19, 1991) with letter f.

2015, July 6 - Centenary of independence: Estonian innovation



EES 02-05 €16.00 s-a €16.00 booklet €16.00
€1.30 Mobile payment system
€1.30 Network
€1.30 Skype communication system
€1.30 Transfer Wise - payment system
832-5

2019, July 5 - 150th anniv. of Estonian Song festival, offset print on textile covered



EES 06 €23.00
10 € CEE-App

962 (B47)



ETHIOPIA

1979, Sept. 20 - 3rd World Telecommunication Exhibition

ET 01 €0.20
5 c Computer graphics
941 1027



----- Catalog by country E-F

1986, Jan. 10 - Antipolio Champaign

ET 02 €5.00
5 c, 10 c, 20 c, 55 c, 1B MIC
1135-9 1221-5



2001, Oct. 9 - YDAC

ET 03 €2.00
25 c, 75 c, 1 B, 2 B Keyboard
1579-82 1715-8



2014, May 13 - Ethiopian telecommunication

ET 04 €3.30
2B Laptop 1925

2018, Apr. 26 - 75th anniv. of Commercial Bank of Ethiopia

ET 05 €3.40
2B Smart phone, Laptop, ATM
1997



FALKLAND ISLANDS

1977, Oct. 24 - Telecommunications

FAK 01 €4.50
40 p Punch tape



FIJI



1986, July 7 - Halley's comet

FJ 01 €4.00
\$1 CAD 553 547

----- Catalog by country F

1996, Mar. 11 - Radio centenary

FJ 02 €0.90
44 c Magnetic tape
753 761



1996, July 1 - Post Telephone

FJ 03 €0.50
31 c Computerized exchange
767 775



1996, Oct 1 - Nadi Intl. Airport, 50th anniv.

FJ 03a €6.00
\$ 2 GPS, first commercial use (1994)
781 790

1998, Mar. 18 - Disabled persons

FJ 04 €5.00
63 c Man and computer 810 835



2001, Nov. 16 - Colonial Financial Service Group

FJ 05 €7.00
48 c Automated teller machine - ATM
938 989

2002, Oct. 30 - Open heart operation

FJ 06 €4.50
\$1.17 VDT 965 1020



2003, Mar. 19 - New mail center

FJ 07 €4.50
\$2.00 Terminal, magnetic tape unit
978 1033

----- Catalog by country F



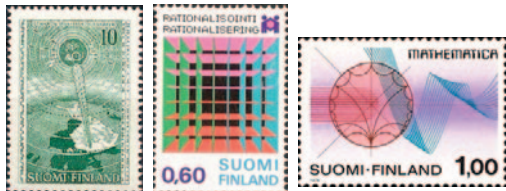
FINLAND

1955, Dec. 10 - Telegraph

FIN 01 €0.45
10 M Punch tape 332 450

1974, June 14 - Rationalization

FIN 02 €0.70
0.60 M Matrix letters 549 752



1978, Aug. 15 - ICM 78, Intl. congress of mathematics

FIN 03 €0.70
1 M CAD, MIC 612 829

1983, Apr. 9 - WCY

FIN 04-05 €1.30
1.30 M Magnetic tape unit
1.70 M FO
677-8 924-5



1984, Mar. 1 - Postal code

FIN 06 €0.70
1.40 M Barcode 690 941

1987, Jan. 2 - Postal saving bank

FIN 07 €0.50
1.70 M IC 747 1009



1988, May 23 - Europe CEPT

FIN 08 €5.00
1.80 M Data communication
771 1051

----- Catalog by country F

1989, Oct. 20 - Folk High Schools

FIN 09 €0.70
1.90 M Computer 807 1095



1991, Mar. 1 - Home economics teachers

FIN 10 €0.75
2.10 M Computer 847 1131

1991, Sept. 17 - Children painting



FIN 11 €3.00
3*2.10 M Computer painting, mouse
871 B7 (1149-51)

1992, May 8 - Technology

FIN 12 €3.50
2.10 M, 2.90 M, 3.40 M ASCII-code
886-8 1175-7



1992, Oct. 20 - Book printing

FIN 13 €1.00
2.10 M DTP, desktop publishing - pixel characters
902 1194

1994, Mar. 11 - Postal employees Union

FIN 14 €0.70
2.30 M VDT, EMS 936 1244



1994, Mar. 18 - Europe, discoveries

FIN 15 €2.50
4.20 M LCD technology 938 1249

----- Catalog by country F

1994, June 1 - Wildflowers



FIN 16 €8.00
10 * 1 M Barcode 941 B13

1995, Aug. 8 - Discovery of X-Ray Cent.

FIN 17 €1.60
4.30 M Vacuum tube
970 1309



1995, July 3 - Wolverine, thermo printing

FIN 18 €1.40
1 ... 2.90 M CVP
971 AUT29
This stamp has a computer generated denomination.

1996, June 3 - Olympic centenary

FIN 19 €5.50
4 * 3.40 M LCD numbers
1005-8 1346-9



1996, Sept. 6 - Shore birds

FIN 20 €5.00
5*2.80 M Barcode 1014 1352-6

----- Catalog by country F

2000, May 30 - Science

FIN 21 €3.60
3*3.50 M Triangle fractals,
binary code, barcode
1140 1533-5 (B24)



2007, May 9 - Public transport



FIN 22 €5.60
1st Class Computer table
1289 1853

2008, Jan. 24 - Helsinki University of Technology centenary



FIN 23 €2.50 block €3.50
1st Class Robotics, barcode - upcode
1303 1880 (B46)

2008, Jan. 24 - Valentine's day

FIN 24 €7.00
5 * 1st Class barcode - upcode
1892-1896 (B48)



2013, May 6 - National park (IV)

FIN 25 €1.60
1st Class C-code
2237

----- Catalog by country F



**FINLAND -
ÅLAND ISLANDS**

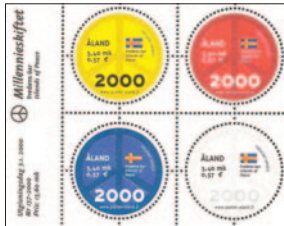
1998, Mar. 27 - Youth



AL 01-02 €3.00
2,40 M URL, notebook, @-symbol
2,40 M CD, URL
143a,b 137-8

2000, Jan. 3 - Millennium

AL 03 €4.00
4*€0.57 Internet address
161 B4



2013, Aug. 20 - Peacock butterfly

AL 04 €2.20 sheet €16.00
AR-code (SEPA stamp)
382



2013, Nov. 8 - Christmas



AL 05 €2.50 sheet €15.00
€0.65 AR-code (SEPA stamp)
384-5

----- Catalog by country F



FRANCE

1897 - Telephone card (Bulletin de Communication)



FR 01 €750.00
25 c ... 3 F Telephone card
Cat. Yvert et Tellier: TT16-21

1900-06 - Telephone card



FR 02 €5,000.00
10 c ... 3 F Telephone card
Cat. Yvert et Tellier: TT22-30

1934, Mar 14 - Jacquard

FR 03 €4.20 artist proof €100.00
40 c Portrait
295 290



1944, July 31 - Pascal



Misperforation
Proof block on cardboard →
FR 04 €1.20
1.20 + 2.80 F Portrait B181 626



1949, June 13 - Telephone & Telegraph (Emile Baudot)

FR 05 €3.00
25 F Portrait
627 854

----- Catalog by country F

1952, July 9 - Leonardo da Vinci

FR 06 €4.50
 artist proof €300.00
 colour proof €300.00
 30 F Portrait
 682 947



FR 07 Reserved

1960, June 18 - Mariane, booklet pane of 10 (carnet)

FR 08 €100.00
 25 c IBM advertisement
 968b (var) 1316

1962, May 26 - Pascal



FR 09 €0.50
 0.50 F Portrait
 1038 1398



Artist proof in blue or green, on gummed paper

Proof, signed by engraver MAZELIN, with embossed stamp "control".



Color proofs

----- Catalog by country F

1964, May 9 - Philatelic day



FR 10-11 €0.90
 0.30F Paper tape puncher IBM 1621
 0.30F Paper tape reader
 1088, 1088a 1467, 1470

1964, May 30 - Pope Sylvester II

FR 12 €0.40
 0.30 + 0.10 F Portrait
 B384 1479



Trial color proofs

1968, Jan. 6 - Postal cheques

FR 13 €0.35
 0.40 F Banking service by IBM 360
 1202 1609



1974, Mar. 9 - Stamp day

FR 14 €0.40
 0.50 + 0.10 F Letter sorting
 B477 1865

1975, May 3 - World machine tool exhibition



FR 15 €0.50
 1.20 F NC 1433 1917

----- Catalog by country F

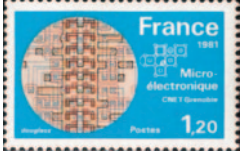
1977, May 7 - Garden exhibition

FR 16 €0.45
1.40 F Computer design stamps
1537 2027



1981, Feb. 5 - Electronics

FR 17 €0.55
1.20 F Circuit 1723 2245



1981, Mar. 28 - Science & technology

FR 18 €1.50
2.00 F Telematics 1727 2255



1984, July 16 - CNET

FR 19 €0.80
3.00 F Keyboard 1934 2450

1984, Aug. 25 - Geography



FR 20 €1.20
3.00 F Display and graphics
1935 2458

1985, Nov. 16 - French documentation

FR 21 €0.70
2.20 F Terminal 1990 2552

FR 21 proof €120.00
Die proof in black signed by the engraver COMBET



1986, Oct. 24- Technical education

FR 22 €0.60
1.90 F Circuit, microelectronic
2023 2577

----- Catalog by country F

1990, Mar. 19 - Stamp day



FR 23 €1.50
2.30 + 0.60 F Keyboard, blue
2.30 + 0.60 F Keyboard, green
B612-3 2762A, C



FR 23 pane of 6 + 2 labels €4.00
B613a 2762

1990, Sept. 9 - National Institute of Geography, 50th anniv.

FR 24 €0.70
2.30 F CAD
2231 2798



1991, Mar. 16 - Stamp day



FR 25 €2.00
2.50+0.60 F Sorting machine, blue
2.50+0.60 F Sorting machine, purple
B634-5 2826A, B



FR 25 pane of 6 + 2 labels €4.00
B635a 2862B

----- Catalog by country F

1992, Mar. 7 - Stamp day



FR 26 €1.70
2.50+0,60 F Computer workers, grey
2.50+0,60 F Computer workers, red
B640-1 2889A, B



FR 26 pane of 6 + 2 labels €4.00
B641a 2889B

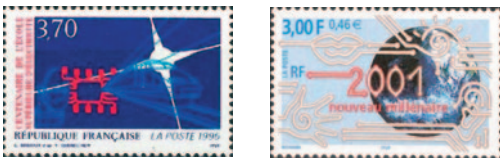
1994, Apr. 30 - Europe, discoveries



FR 27 €1.00 with label €2.25
2.80 F Computer graphics
2419, a 3021, 3021ZF

1995, Mar. 11 - School of electricity

FR 28 €1.20
3.70 F IC 2469 3079



2000, Oct. 14 - Start of new millennium

FR 29 €0.90
3.00 F FO 2788 3497

2000, Nov. 11 - Start of 3rd millennium



FR 30 €2.00 proof €4.00
3.00 F e-mail 2792 3505

----- Catalog by country F

2001 - Millennium (HAFNIA 01)



FR 31 €2.00
3.00 F e-mail 2792a 3505 II

2001, Mar. 17 - Millennium communications



FR 32-32a €4.20
0.46€ CD
0.46€ LCD screen
2804b, e 3513, 3516



FR 32 sheet €8.50
5 * 0.46€ URL, CD, LCD screen
2804 3512-6

----- Catalog by country F

2001, Sept. 22 - Millennium science



FR 33-34 €4.30
0.46€ Smart card
0.46€ LCD characters
2837a, c 3561, 3563



FR 33-34 sheet €8.50
5 * 0.46€ Mouse, smart card, LCD characters
2837 3561-5

2002, Nov. 9 - Enterprise

FR 35 €0.80
0.46€ Microcircuit
2918 3670



----- Catalog by country F

2004, May 12 - Marianne type 1997 inscribed "RF" at lower left, s-a, booklet



FR 36 €10.00
10 * Lettre 20 g URL Yv #3419

2005, Nov. 14 - Video games, sheet



FR 37 €4.65
5*0.20€, 5*0.33€ Video games, printed circuit
3155 4002-11

2006, June 22 - Post foundation

FR 38 €0.95
Lettre 20 g e-mail, URL
3226 4109

Beginning this issue, in the bottom part of the stamps is write *Phil@poste*.



2006, June 24 - P-stamp

FR 39 €10.00
€0.01 ... 1.98 € CAD

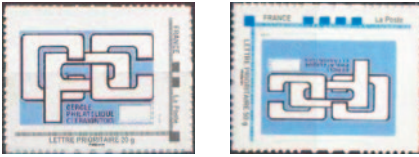
2007, Apr. 1 - Arch of Triumph

FR 39A €20.00 sheetlet (2 * 5) €200.00
0.54€ Lettre prioritaire France 20 g e-mail, URL

4240Zf

Catalog by country F

2007, Nov. 14 - Video games, sheet



FR 40 €17.50
 0.54€ Lettre prioritaire France 20 g
 0.85€ Lettre prioritaire Monde 20 g
 0.86€ Lettre prioritaire France 50 g

CAD, URL

MP1-6

2008, Mar 18 - Audio libraries

FR 41 €0.95
 0.46€ CD, URL
 3422 4387

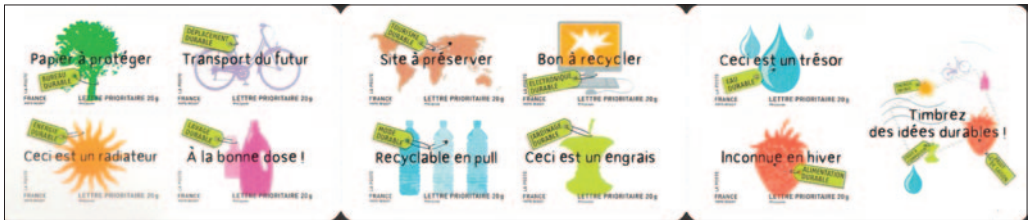


Catalog by country F

2013, July 15 - Marianne 3D



2008, June 30 - Protect Earth planet, booklet



FR 42 €9.60
 Lettre prioritaire France 20 g PC, URL
 3479-88a 4432-41

2011, Oct. 12 - 50th anniv. of CNES



FR 43 €1.20
 0.60€ Control center
 5195



Proof, Phil@poste FRANCE



FR 44 €3.00
 Lettre 20 g AR-code
 5608A, C; 5635B, C

2014, Jan. 31 - Year of horse, s/s



FR 45 €7.50
€0.66 Barcode
5777 (B242)

2014, Oct. 11 - Day of stamp, s/s



FR 46 €5.50
€2.45 Barcode
5998 (B268)

2015, Sept. 4 - Definitive: Marianne



FR 47-48 €6.50 booklet €16.00
20 g Europe QR - code
20 g Monde QR - code
6256-9

2016, Sept. 16 - Comics "Les Legendaires"

FR 49 €3.20 sheetlet €9.50
€0.70 QR - code, barcode, CEE-App
6528



2019, Oct. 18 - Red Cross, m/s



FR 50 €15.00
3 * €1.05 (€5.15 post price) QR - code
B453

FRANCE - REUNION

1974, Mar. 11 - Stamp day



FRR 01 €0.70
25+5 FCFA Mail sorting
B45 500

FRENCH POLYNESIA



1992, Mar. 18 - International space year

FRP 01 €4.00
46 F, 72 F, 76 F CAD, LCD characters
587-9 605-7



2000, Dec. 28 - Advent of new millennium

FRP 02 €2.20
85 F MIC 790 811

----- Catalog by country F

2001, Oct. 9 - YDAC

FRP 03 €12.00

500 F Keyboard

811

852



2004, Sept. 23 - Information technology and communication

FRP 04-05 €8.50

190 F Keyboard, e-mail, URL

190 F IT

880-1 920-1



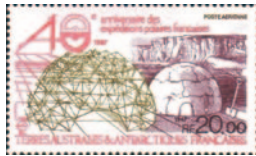
FRENCH SOUTHERN & ANTARCTIC LANDS TERRITORY

1983, Aug. 4 - Freighter Lady Franklin

TAAF 01 €8.00

5.00 F LCD characters

104 181



1986, Jan. 1 - Ships

TAAF 02 €3.60

2.10 F, 3.00 F MIC - MICR

123-4 212-3

1988, Jan. 1 - French polar expeditions, 40th anniv.

TAAF 03 €4.50

20 F Computer graphics

C99 231

1991, Jan. 1 - Climatologically research, pair



TAAF 04 €8.00

3.60 F, 20 F Computer graphics

C116a 277-8

----- Catalog by country F

1994, Jan. 1 - LIDAR station

TAAF 05 €9.00

27.30 F LCD characters

C131

327



1997, Jan. 1 - Medical service

TAAF 06 €2.70

8.00 F VDT

228

363

1999, Jan.1 - Sleep program

TAAF 07 €5.50

16.00 F Laptop

252

395

2000, Jan. 1 - Sleep study



TAAF 08 €2.80

8.00 F Computer graphics

265 427

2001, Jan. 1 - Amateur radio

TAAF 09 €8.50

27.00 F PC

288

456



2001, Oct. 29 - Voyage booklet, type 1999

TAAF 10 €70.00

ILR PC

294

468

GABON



1965, May 17 - ITU centenary

GA 01 €0.70

30 F Perf. tape, telegraphy

180 221



1976, Dec. 15 - Oklo Fossil reactor

GA 02 €1.00

60 F Punch tape C190 613

1977, May 17 - UIT

GA 03 €0.70

60 F Printed circuit 376 618



1977, Nov. 17 - Viking, US space

GA 04 €7.50

1000 F Robotic space probe

C197 641

1986, May 17- WCD

GA 05 €3.00

300 F Microcomputer C277 954



1989, Aug. 2 - African Development Bank

GA 06 €1.00

100 F Control center 670 1044

1993, Mar. 10 - 200 years telegraph



GA 07-09 €6.50

100 F Chappe

200 F Baudot

300 F IC

765, 767-8

block €8.00

1143, 1145-6, B75

1995, Oct. 18 - Nobel Prize

GA 10 €0.50

125 F W. Brattain (transistor)

803a 1245



1999, Apr. 30 - Space exploration

GA 11 €5.00

100 F Robotic space probe

937 1434-45 (B98)

2000, Jan. 1 - Invention of 20th century



GA 12 perf €2.00

imperf €5.00

100 F PC, microprocessor

978 1504

2000, Nov. 28 - Scientific achievements of the 20th century



GA 13-14 €1.90

125 F Vacuum tube

225 F First mechanical calculator, pocket calculator

1041-2

1653-4

----- Catalog by country G

2000, Dec. 11 - Bug 2000

GA 15 perf. €1.00
225 F Y2K



imperf. €2.00
985, a 1491



2010, July 1 - 1st Salon of IT

GA 16 €2.00
500 F Binary code, IT

1697



GAMBIA

1983, Oct. 10 - WCY

GAM 01 €0.30
85 B Teletype

482 484



1988, Dec. 12- 350 years of Galileo Galilei

GAM 02 €15.00
D 3 Michelson

803 823

1997, May 1 - Disney's 1001 Dalmatians

GAM 03 €4.00
D 3 PC

1903 2707



GAM 04 €6.50

D 25 Computer games
1909 2713 (B344)

2001, Apr. 26 - Photo mosaic of Queen Elizabeth II

GAM 05 €1.50

D 8 Computer graphics
2465 4315



----- Catalog by country G

2002, Aug. 30 - AMPHILEX 2002, 150th anniv. of postage stamps, sheet of 6



GAM 06 €10.00

D 10 Computer graphics
2660 4805-10

2003, May 13 - Teddy Bears, embroidered imperf. stamp, sheet of 4



GAM 07 €10.50

D 150 CAD
2731 4945



GEORGIA

2000, Dec. 11 - Joint Georgia - Russia space reflector project

GEO 01 €1.20
20 T, 80 T LCD characters
248-9 354-5

2002, Sept. 23 - YDAC

GEO 02 €1.20
40 T Keyboard 287 417



2002, Sept. 23 - Fighter aircraft

GEO 03 €2.20
30 T, 80 T LCD characters
289-90 414-5

----- Catalog by country G

GERMANY



1926, Nov. 1 - Leibniz

D 01 €15.00
40 pf Portrait



360 395



1992, Oct. 15 - Association of German plant and machine builders

D 02 €1.90
170 pf Computer technology
1765 1636

1992, Nov.11 - Werner von Siemens

D 03 €1.30
100 pf Portrait
1768 1642



1993 - CeBIT'93, booklet

D 04 €2.00
20 + 80 pf Computer fair
1528b MH28b

1993, Aug. 12 - International radio exhibition

D 05 €1.10
100 pf CAD 1810 1690



1994, May 5 - Europe CEPT

D 06 €1.90
80 pf Resistor 1829 1732

----- Catalog by country G

1995, Mar. 9 - Technological Univ.

D 07 €1.30
100 pf Computer, pixel
1886 1783



1995, June 8 - Radio centenary

D 08 €1.50
100 pf LCD characters 1900 1803

1995, Sept. 6 - German film cent., sheet



D 09 €3.50
100 pf Robot
1906b B33

1996, June 13 - Leibniz

D 10 €1.00
100 pf Portrait 1933 1865

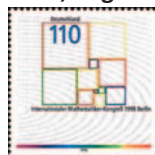


1998, Feb. 5 - Max Planck Society for Advancement of Science

D 11 €1.00
110 pf Pixels 1991 1973

1998, Aug. 20 - Intl. congress of mathematicians

D 12 €1.00
110 pf CAD 2010 2005



1998, Sept. 10 - Hanover expo 2000, booklet ("Historic sites type 1987")



D 13 €7.00 m/s €8.40
10*110pf Computer design, barcode
1847a 2009

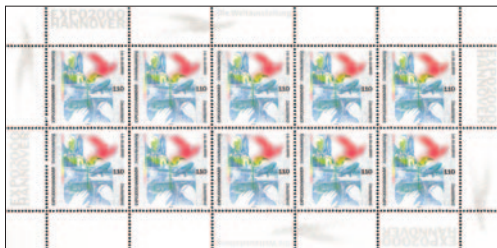
----- Catalog by country G

1998 - ePost - Multimedia Post, porto card



D 14 €5.00
110 pf e-mail, URL

1999, Apr. 27 - Expo 2000, Hanover



D 15 €1.00 m/s €15.00
110 pf Computer graphics
2034 2042

1999, June 10 - Expo 2000

D 15 booklet pair €2.80
2009CD



1999, Oct. 14 - Cosmos (holographic image)

D 16 €9.00
2*(100+50 pf), 2*(110+50) pf, 300+100 pf
Computer graphics
B855-9 2077-81



2000, Jan. 13 - Expo 2000, Hanover

D 17 €1.00
100 pf Computer graphics
2060 2089

2000, Apr. 13 - Expo 2000, Hanover; s-a

D 18 €1.25 booklet of 10 €15.00
110 pf Computer graphics
2083 2112

2000, Sept. 14 - A. Kolping

D 19 €1.10
110 pf Computer graphics
2099 2135

----- Catalog by country G



2002, Mar. 7 - Johann C. Schuster
D 20 €1.00
56 pf Cylindrical adding machine
2150 2243



2002, Aug. 8 - Communication museum
D 21 €2.80
1.53 € Pixels 2175 2276

2003, Apr. 10 - German Museum Munich, cent.



D 22 €1.00
0.55 € IC
2235 2332

2003 - Rollenservicemarken



D 23-24 €5.60
Barcode

RSM1-2

2008 - Internet - marke, on line service



D 25 €1.00
€0.55 Laptop



€0.55 Keyboard

2008, Oct. 9 - Archeology

D 26 €1.50
€0.55 Nebra sky disk
2695



2009, Mar. 12 / May 7 - Post universal



D 27 €4.00
4 * €0.55 CAD
2723-4, 2733-4

2010, June 10 - The father of the computer

D 28 €1.80
€0.55 K. Zuse

2802



2012, Nov. 2 - P-stamp (IPHLA exhibition)

D 29 €5.00
€ 0.55 @-symbol



D 30-31 €15.00
€0.45, €0.55 QR - code, URL

2018, Apr. 12 - 100th birthday of Elisabeth Mann Borgese (1918-2002)



D 32 €7.40 sheetlet €74.00
370 (c) Barcode 3375

2019, May 2 - Europe: Native birds



D 33 €2.00 sheetlet €14.00
€0.70 Barcode 3463

2019, Sept. 5 - 50th anniv. of the chip card



D 34 €1.60 sheetlet €16.00
€0.80 Chip card, barcode (sheetlet)
3494

2020, Jan. 2 - Birthday of Ludwig van Beethoven

The user can activate NFC technology using their personal smart phone, thus being able to listen to the 5th Symphony.
Run printing: 250 pieces.

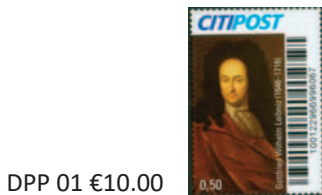


D 35 €2.00
€0.80 NFC technology
3513



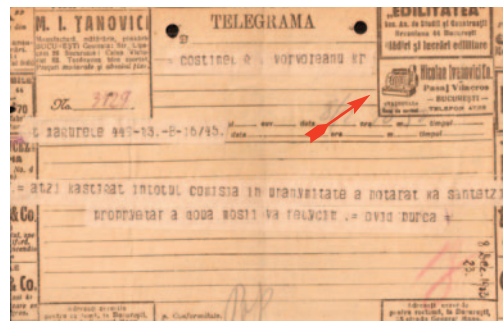
**GERMANY,
PRIVATE POST - CITI POST**

2012 - G. W. Leibniz



DPP 01 €10.00
 € 0.40 Binary code
 € 0.50 Portrait
 € 0.90, € 1.40, € 2.20 Stepped
 Reckoner (Leibniz calculator)

DPP 01 booklet €7.50
 10 * € 0.50 G.W. Leibniz, URL



Advertising for selling of cash registers (in Romanian: Casa de control). Postal telegram from Romania sent on December 8, 1923; illustrate with commercial of a NATIONAL cash register. Only three postal telegrams are known (author collection).

**GERMANY,
BERLIN**

1952, Oct. 12 - Famous persons

BER 01 €80.00
 20 pf Werner von Siemens - portrait
 9N90 97



1961, Aug. 3 - Radio - television exposition

BER 02 €0.50
 20 pf CD 9N195 217

1973, Aug. 23 - 50 years of German broadcasting

BER 03 €3.00
 20 pf Vacuum tube
 9N343a 455



1979, July 12 - Broadcasting

BER 04 €1.40
 60 pf Videotext 9N427 600

1987, Aug. 20 - Centenary gramophone re-corder

BER 05 €1.60
 80 pf CD 9N542 787



1988, Feb. 18 - Winter Olympics games

BER 06 €4.00
 60+30 pf, 80+40 pf, 120+55 pf Pixels
 9NB254-6 801-3

1990, Feb. 15 - Sports

BER 07 €7.00
100+50 pf, 140+60 pf LCD characters
9NB277-8 864-5



1990, Aug. 9 - Pharmaceutical Society

BER 08 €3.50
100 pf Computer model As
9N591 875

1966, Aug. 24 - Leibnitz

FRG 01 €0.30
30 pf Portrait 962 518



1966, Dec. 13 - Werner von Siemens

FRG 02 €0.30
30 pf Portrait 968 528

1971, June 4 - Olympic winter games

FRG 03 €2.10
10+5 pf, 20+10 pf, 30+15 pf, 50+25 pf, 110+50 pf
Computer graphics
B472-5, a 680-3, B6

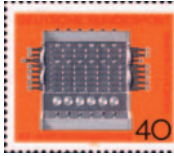


1973, Feb. 19 - Cent. of Intl. meteorological cooperation

FRG 04 €0.50
30 pf Meteorological map
1102 760

1973, June 12 - 350th anniv. of the calculator built by W. Schickard

FRG 05 €0.60
40 pf Calculating device
1123 778



1979, May 17 - Europe CEPT

FRG 06 €1.10
50 pf Perf. tape, telegraphy
1291 1011

1980, May 8 - Europe CEPT

FRG 07 €1.20
60 pf Leibniz 1329 1050

1981, Feb. 12 - Cancer prevention

FRG 08 €0.50
40 pf Scintigram
1348 1089



1983, Aug. 11 - Geodesy, geophysics

FRG 09 €2.20
120 pf Printout 1404 1187



1984, June 19 - 19th UPU congress

FRG 10 €2.50 block €4.50
80 pf Letter sorting / Scanner
1420 1217, B19

1984, Aug. 21 - Archives



FRG 11 €0.90
70 pf Terminal IBM 3270
1425 1224

Proof

**GERMANY,
FRG**

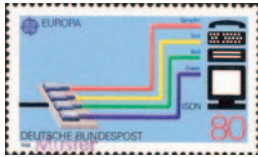
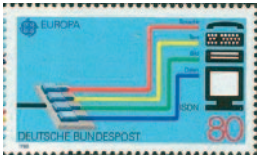
1987, Jan. 15 - Census

FRG 12 €1.20
80 pf Abacus as an Eagle
1499 1309



1998, Feb. 18 - Sports

FRG 13 €4.00
60+30 pf, 80+40 pf, 120+55 pf Pixels
B663-5 1353-5



FRG 14 €1.20
80 pf ISDN network
1553 1368

Proof

1990, Feb. 15 - Sports

FRG 15 €4.50
100 + 50 pf, 140 + 60 pf
LCD
B687-8 1449-50



**GERMANY,
DDR**

1950, July 10 - Leibniz

DDR 01 €24.00
24 pf Portrait 66 269

1952, Aug. 11 - Famous persons

DDR 02 €4.00
20 pf Leonardo Da Vinci 104 312



1953, Aug. 10 - 5 year plan, purple

DDR 03 €100.00
15 pf Teletype operator 161 368

1953 - 5 year plan, booklet



DDR 04 €14.00
10 pf Cash register
MH3a1

1954, Jan. 25 - 5 year plan, reprint - violet

DDR 05 €160.00
15 pf Teletype operator
193 411



1963, Nov. 25 - Stamp day

DDR 06 €1.50
10 pf Letter sorting 678 988

1964, Feb. 26 - Leipzig spring fair



DDR 07 €6.00 block €20.00
10 pf Informatics - automation
692, a 1012-3

1964, June 26 - Women conference

DDR 08 €2.00
25 pf Transistor 704 1031



1964, Oct. 6 - 15 years DDR

DDR 09 perf. €2.60
10 pf Slide rule 732 1059



DDR 09 imperf. sheet €40.00
10 pf Slide rule
724-38A B19

1966, Feb. 24 - Leipzig fair



DDR 10-11 €0.90
10 pf Punch card reader, mainframe
15 pf NC
811-2 1159-60

1966, Aug. 28 - Leipzig fair

DDR 12 €1.10
15 pf Teletype
851 1205



1967, Mar. 22 - Party Jubilee



DDR 13 €1.00
10 pf Control desk 902 1258

1971, Feb. 23 - Famous persons

DDR 14 €0.90
50 pf J. Kepler
1275 1649



1971, Mar. 30 - Lunokhod 1 on Moon



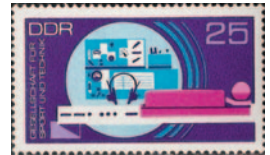
DDR 15 €0.70
20 pf Robotic space probe
1285 1659



Imperforate progressive proof

1972, May 24 - 8th Congress of Free German Trade Union

DDR 16 €0.70
10 pf Control center 1376 1761



1972, Aug. 8 - Society for sport and technology

DDR 17 €0.30
25 pf Perf. tape, telegraphy
1391 1776

----- Catalog by country G

1972, Nov. 2 - Masters of tomorrow



DDR 18 €1.00

10 pf Magnetic tape unit

25 pf NC

1410a 1799-1800

1973, Mar. 6 - Leipzig spring fair

DDR 19 €0.50

25 pf NC thresher

1452 1832



DDR 19 proof €110.00

Imperforate phase proof including issued colors

1974, Mar. 5 - Leipzig spring fair

DDR 20 €0.50

25 pf Mainframe computer (EC 2040)

1532 1932



1975, Mar. 4 - Leipzig spring fair

DDR 21 €0.50

10 pf Micrography 1623 2023

1975, July 2 - German Academy of Science, 275th anniv.

DDR 22 €1.00

25 pf Control center 1663 2063



1976, May 25 - 10th Parliamentary meeting

DDR 23 €0.50

20 pf Perforated paper tape

1728 2134

----- Catalog by country G

1977, May 17 - ITU day

DDR 24 €0.50

20 pf Digital exchange 1813 2223



1979, Feb. 6 - Telephone service

DDR 25 €1.00

20 pf Teletype 1989 2400

1979, Mar. 6 - Leipzig fair

DDR 26 €0.60

25 pf NC drill, grinding

1992 2404



1983, Feb. 8 - WCY

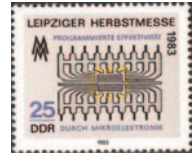
DDR 27 €1.30

35 pf FO 2322 2773

1983, Mar. 8 - Leipzig fair

DDR 28 €0.50

25 pf Microcomputer 2329 2780



1983, Aug. 8 - Leipzig fair

DDR 29 €0.60

25 pf IC 2370 2823

1984, Aug. 21 - 35th anniv. of Republic

DDR 30 €0.50

20 pf IC 2428 2889



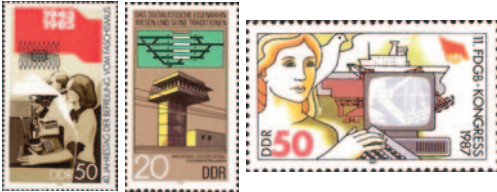
----- Catalog by country G

1985, May 7 - 40th anniv. of victory

DDR 31 €1.00

50 pf IC

2474 2944



1985, Sept. 24 - German railway

DDR 32 €2.60

20 pf Control center

2496 2968

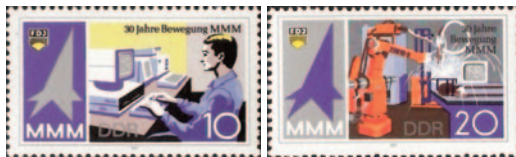
1987, Apr. 7 - FDGB Congress

DDR 33 €0.80

50 pf PC

2600 3087

1987, Nov. 3 - Masters of tomorrow



DDR 34-35 €0.50

10 pf Microcomputer

20 pf Welding robot

2644-5 3132-3

1989, Feb. 7 - Telephones

DDR 36 €1.40

20 pf Siemens

2728a 3227



1989, Oct. 9 - 40th anniversary of Republic

DDR 37 €0.70

25 pf PC

2779 3282

1990, May 15 - 125 years ITU



DDR 38-39 €1.30

10 pf Perf. tape, telegraphy

25 pf Magnetic tape unit

2822 3334

----- Catalog by country G

GHANA



1973, Nov. 16 - WMO

GH 01 €3.00

30 P Weather map

507 522



1983, Dec. 13 - WCY

GH 02-03 €3.00

C1 Terminal

C230 FO

835, 7 983, 5



GH 04 sheet €1.10

C6 Terminal

840



B101

1989, July 3 - WCY, overprints

GH 05-06 €5.00

C60 on C1 Terminal

C200 on C230 FO

1107, 9 1251, 3



GH 07 overprint sheet €2.00

C500 on C6 Terminal

1111



B138

1998, Sept. 1 - Inventors and their inventions, sheet of 8



GH 08 €22.00

C1000 Edison

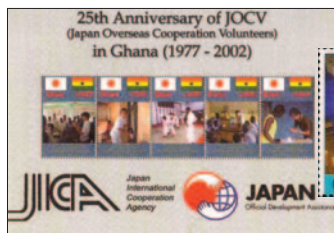
2062a 2835

----- Catalog by country G

2002, Oct. 23 - Japanese education



GH 09-10 €6.00
 C1000 Home electronics
 C2500 Laptop
 2351, 2353 3512,3514



GH 11 sheet of 5 without white inscription €7.00
 5*C4000 Home electronics, laptop
 2355 B447

2009, Mar. 31 - Tweneba school

GH 12 €8.00
 GHc 1.20 PC 4056



GIBRALTAR

1982, Oct. 1 - International direct dialing

GIB 01 €0.60
 17 P Printed circuit
 440 456



1984, Mar. 6 - Europe CEPT



GIB 02-03 €1.30
 16 P MIC
 23 P Microprocessor
 459-460 475-6

----- Catalog by country G

1985, May 3 - Children fund

GIB 04 €4.00
 26 P MIC
 473 489-92



2000, Jan. 28 - Future on stamps

GIB 05 €6.00 m/s €15.00
 42 P Robot 829 902



2013, May 3 - Intl. literary festival

GIB 06 €4.65
 L 2 iPad (PC tablet) 1545

2018, May 15 - Cryptocurrency



GIB 07 €750.00 sheetlet €3000.00
 50 P QR - code 1857

2019, Feb. 5 - Europe: Native, birds



GIB 08 m/s €9.00 sheetlet €72.00
 2 * 1.66 € CEE App
 1896-7 (B138)

----- Catalog by country G

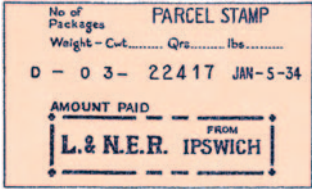
GREAT BRITAIN



1933-4 - Special stamps for railway parcel post (London and North Eastern Railway to Ipswich)

GB 00 €100.00

Amount paid NCR meter stamp



1933-7 - Special stamps for railway parcel post (London and North Eastern Railway at King Cross, Liverpool street, and Newcastle)

GB 00A €100.00

Amount paid NCR meter stamp

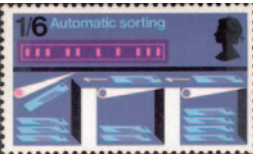
1948 - Special stamps for railway parcel post (London and North Eastern Railway at King Cross)

GB 00B €100.00

Amount paid NCR meter stamp



1969, Oct. 1 - Post office technology



GB 01-02 €0.60

5 p Transistor

601, 604

1/6 Letter sorting

528, 531

1982, Sept. 8 - IT



GB 03-04 €1.60

15 ½ p PC used in library application

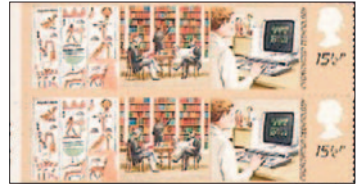
26 p Videotex Prestel, barcode, light pen

1000-1

927-8

----- Catalog by country G

Perf. error →

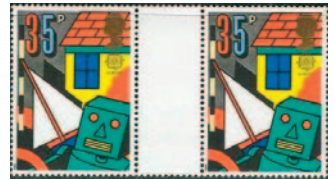


Imperf. marginal pair (ex. W. Vegter collection)



Gutter pairs

1989, May 16 - Europe, children games



GB 05 €4.80

35 p Robot

1259 1205

1989, Sept. 5 - Microscopy

GB 06 €5.00

35 p Microchip X600

1288

1221



1990, Oct. 16 - Astronomy

GB 07 €3.50

37 p Stonehenge, celestial navigation

1339 1299

1991, Mar. 5 - Achievements

GB 08 €4.50

22 p Babbage, differential engine

1361 1321



----- Catalog by country G

1994, Sept. 27 - Europe CEPT



GB 09-12 €4.00
 25 p Cyber medicine - ultrasonic
 30 p Electronic microscope, pixel
 35 p Cyber medicine - magnetic resonance, pixel
 41 p Cyber medicine - computer tomography, pixel
 1577-80 1535-8

1999, Jan. 12 - British achievements during past 1000 years - inventions

GB 13 perf. 14 ¼ : 14 ½ €1.40
 perf. 13 ¾ €1.75
 63 p Software
 1842 1780A



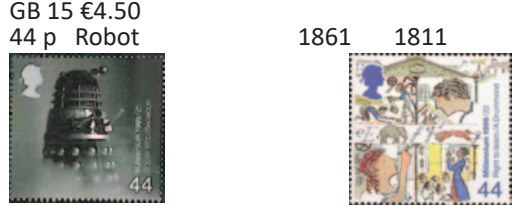
1999, Sept. 21 - World changes



GB 14 booklet €7.20
 4 * 63 p Turing's life; binary game
 BK166 HB228

----- Catalog by country G

1999, June 1 - British achievements during past 1000 - entertainment & sport



1861 1811
 GB 15 €4.50
 44 p Robot

1999, July 6 - British achievements during past 1000 - citizen's rights

GB 16 €4.50
 44 p Abacus



1865 1817
 2000, Sept. 5 - Mind & matter
 GB 17-18 €4.80
 45 p Mouse
 65 p SCRAN Internet network, pixel
 1924-5 1891-2

2004, Apr. 1 - Wales, booklet



GB 19 €9.00
 6*1 st URL, barcode
 2229 MNH

2005 - Flags, personalized label

GB 20 €13.00
 1 st Enigma machine 1999a 1960II



2005, Apr. 21 - World heritage
 GB 21 €9.00
 1 st Stonehenge, temporal calculator
 2282 2302

----- Catalog by country G

2007 - Glorious England, Royal Mail Smilers



GB 21a €20.00
1 st Stonehenge, temporal calculator

2007, Mar. 1 - World of invention



GB 22 perf. / s-a €9.85
72 p, 72 p URL
2448-9, 2454-5 2500-1

GB 22 sheet €9.85
72 p, 72 p URL
2449a B35



GB 22 booklet €6.00
2 * 72 p URL, Arthur C. Clarke
2449b MH152

2010, Feb. 25 - The Royal Society, 350th anniv.

GB 23 €9.00
1 st Babbage 2892, MH163



2010, Sept. 16 - Medical breakthroughs

GB 24 €12.00
97 p Computer tomography (1971)
2839 3001

----- Catalog by country G

2011, Mar. 22 - WWF

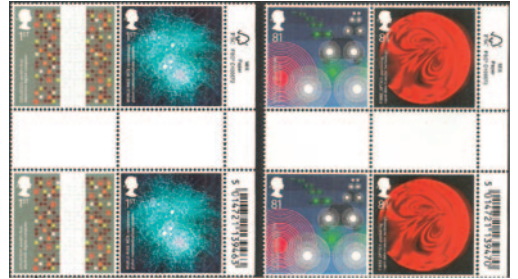
GB 25 €13.00
1st, 1st Smart stamps
3067, 3069



2012, Feb. 22 - Britons of distribution

GB 26 €10.00
1st A. Turing, code breaker (Enigma machine)
3219

2015, Feb. 19 - British inventions

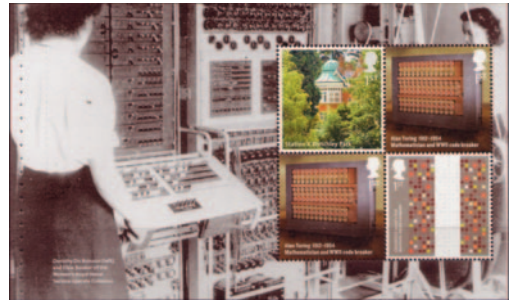


GB 27-29 €25.00 gutter pairs €40.00
block of 4 €18.00

1st COLOSSUS world's first electronic digital
computer, Tommy Flowers (1905-1988)

1st World Wide Web, Tim Berners - Lee

81 p Fibre optics pioneering,
rapid data - transfer technology
3697-8, 3700



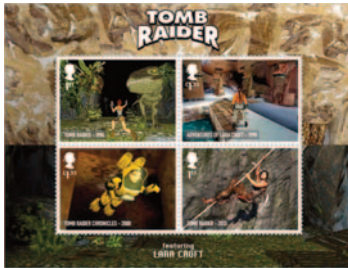
GB 30&GB 26-27 booklet €70.00
Dorothy Du Boisson and Elsie Booker of Wo-
men's Royal Naval Service operate COLOSSUS
1st Station X Bletchley Park
2 * 1st A. Turing, code breaker (Enigma machine)
1st COLOSSUS world's first electronic digital
computer, Tommy Flowers (1905-1988)

2019, May 2 - British technology

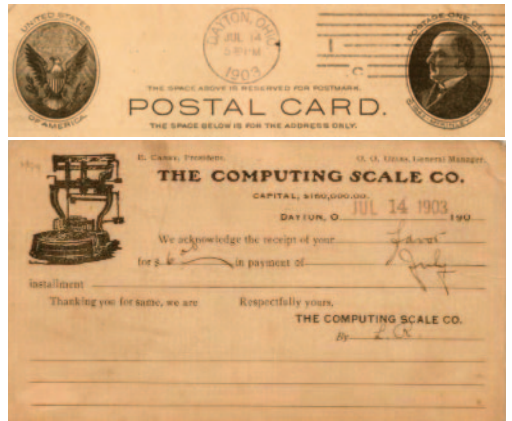


GB 30 €28.00
1st Raspberry Pi microcumpter, single board
4381

2020, Jan. 21 - Video games (I & II)



GB 31 €25.00 block €13.00
sheetlet €32.00
booklet €12.00 booklet s-a€20
2 * 1st, 2 * 2nd, 1.55 L, 1.60 L
2 * 1st, 2 * 1.55 L, 4 * 1st Video games
4516-23, 4524-7 (B131),
4528-30 I, 4528-30 II



Standard adding machine. Was developed in USA and manufactured by COMPUTING SCALE Co. This is oldest model, built before 1903. Mail sent on JUL 14, 1903 (author's collection).

----- Catalog by country G



**GREAT BRITAIN -
GUERNSEY**

1979, May 8 - Europe CEPT

GBG 01 €0.60

8 p Teletype

190

190



1990, Feb. 27 - Post office

GBG 02 €2.10

m/s €40.00

24 p Digital scale

425 486

1997, Aug. 21 - Communications



GBG 03-05 €5.50

25 p Magnetic cassette

43 p LCD screen

63 p URL, PC, mouse, CD, diskette

598, 601-2 742, 745-6

1998, Nov. 10 - Christmas

GBG 06 €5.50

17 p Computer games

664 786



GBG 06 sheet €5.50

669a B22

----- Catalog by country G

1999, Feb. 4 - Queen Elizabeth, booklet



GBG 07 €21.00

10 * 25 p URL, barcode

679 (Var) 792-801

2006, May 20 - Intl. tourist attractions

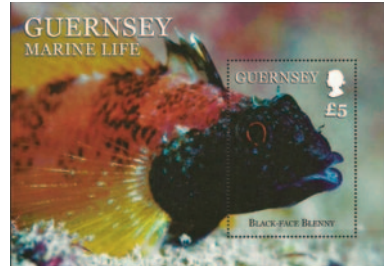


GBG 08 €8.00

29 p, 34 p, 42 p, 45 p, 47 p, 68 p URL

893-8 1077-81

2013, Feb. 20 - Marine life, block



GBG 09 €12.50

L 5 AR-code

1415 (B 63)

2019, Apr. 1 - Europe: Native birds, s/s



GBG 10 €12.00

65 p, 80 p CEE App

1726, 1728 (B93)



**GREAT BRITAIN -
JERSEY**

1979, Mar. 1 - Europe CEPT
GBJ 01 €0.80
10 ½ p Digital exchange
205 195



1986, Mar. 4 - Halley's comet
GBJ 02 €3.20
10 p, 22 p, 31p MIC
393-5 374-6



1988, Apr. 26 - Europe CEPT
GBJ 03 €3.50 m/s €14.00
16 p Computer graphics
453 436



1991, Mar. 19 - Europe CEPT
GBJ 04 €3.50
20 p Digital picture 559 540

2008, Feb. 14 - Letter writing
GBJ 05 €1.95
43 p Words "computer games"
1335



2013, June 7 - Superman of steel
GBJ 06 €10.00
45 p AR-code
1738

2019, Mar. 3 - Europe: Native birds

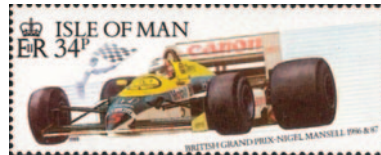


GBJ 07 €4.80 m/s €2.50
sheetlet (set) €135.00
76 p, 94 p AR-code
MS2349 2291, 2293 (B185)



**GREAT BRITAIN -
ISLE OF MAN**

1988, Feb. 10 - World champion



GBM 01 €6.00
34 p CANON logo
362 366

1991, Apr. 24 - Europe CEPT
GBM 02 €6.00
2 * 26 p Binary code
471a 466-7



1992, Nov. 8 - World champion



GBM 03 €2.10
20 p, 24 p CANON logo
529-30 528-9

----- Catalog by country G

1999, Oct. 12 - Bee Gees Legend

GBM 04 €5.55
22 p ... 66 p CD
GBM 05 sheet €6.00
60 p, 90 p CD
848-9 841-2 (B36-7)

842-7 835-40



2012, June 19 - Mark Cavendish, sheet

GBM 06 €13.00
38 p, 41 p, 65 p, 71 p, 80 p, 105 p, 116 p
AR-code
1785-91



GREECE

1986, Apr. 23 - Postal service

GR 01 €1.50
18 D INTELPOST 1570 1632

1987, May 4 - Technical education

GR 02 €2.20
40 D PC 1596 1658



1988, May 6 - Europe CEPT

GR 03 €6.00 booklet €6.75
60 D Telefax, LCD screen
1621, a 1685, a

----- Catalog by country G

1999, Nov. 8 - Community support framework, 5th anniversary

GR 04 €7.00
140 D CD ELTA 1941 2017



2000, June 26 - Future on stamps

GR 05 €6.25
180 D Robot 1965 2042

2006, Sept. 14 - Ancient Greek technology

GR 06 €8.00
€0.65 Antikythera mechanism
2274 2387



2008, Apr. 21 - P-stamps, digital words

GR 07 €1.50
€0.54 IT
2347 2464



GR 07 sheet €9.00
4 * €0.54 + 2 * €0.67 IT
2347a B45

2013, Dec. 2 - 185 years of Greek postal administration (From the physical to the digital post)

GR 08-11 €7.40
€0.01 Server, barcode €0.10 UBS stick
€0.72 QR-code €2.62 Electronic key
2736-9





GR 12 booklet €9.20
10 * € 0.72 QR-code, barcode

2014, Dec. 12 - Christmas



GR 13-16 €7.60
2 * € 0.72, 2 * € 0.90 QR-code
2799 - 2802

2019, May 9 -Europe: Native birds



GR 17 €10.00 booklet €20.00
sheetlet €78.00
€ 0.90, € 3.40 AR-code, barcode
3050-1

GRENADA



1973, July 6 - WMO centenary



GRE 01 €4.00
75 c Space photograph of storm
1 D Weather map
496-7 522-3



GRE 02 sheet €2.50
2 D Computer weather map
498 524 (B28)

1982, Feb. 4 - Disabled year

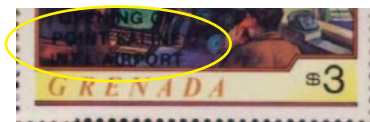
GRE 03 €0.70
40 c Microcomputer 1084 1135



1983, Apr. 18 - WCY

GRE 04 €4.50
3 D VDT, control center 1157 1214

1984, Oct. 28 - WCY, overprint



GRE 05 €2.50
3 D VDT, control center 1249 1336

1987, Aug. 5 - Centenary of statue of liberty



GRE 06-07 €5.00
 10 c Computer structural diagrams
 70 c Structural diagrams
 1526, 1530 1618, 1622

1988, Dec. 1 - Christmas, Mickey Mouse, 60th anniv., sheet



GRE 08 €5.50
 5 D Magnetic ape cassette
 1663 1920 (B215)

1990, July 12 - International stamp word exhibition LONDON '90, s/s



GRE 08a €6.50
 6 D CAD
 1841 B192 (green), B245 (lilac)

1991, June 21 - Mars exploration, sheet of 9



GRE 09-10 €50.00
 75 c J. Kepler
 75 c Galileo Galilei
 2 D, 7 D Robotic space probe
 1999, 2001-2 2278-9, 2298-9, 2305-6

1995, Oct. 18 - Nobel Prize



GRE 11 €1.00
 1 D Michelson
 2488a 3092

1999, Mar. 1 - P-stamps - Famous people

GRE 12 €8.50
 1 D Galileo Galilei 2821f 3824

1999, May 24 - Apollo 11 Moon landing, 30th anniv.

GRE 13 €27.00
 1.50 D, 6 D LCD characters
 2867-70 3946-59



2000, May 15 - 125 years UPU (space post)

GRE 14 €2.40
 2 D Control center 2878 4232

2001, Nov. 29 - World Cup Soccer, sheet



GRE 15 €10.00
6 * 1.50 D Internet
3193 4839-44

2002, Mar. 4 - Years of Winston Cup Championships

GRE 16 €16.00
7*2 D Internet 3241-7 4919-25

2002, Aug. 16 - APS National stampshow - Model Heidi Klum, sheet

GRE 17 €9.00
3*1.50 D Internet 3267 4984-6

2003, Apr. 29 - Teddy Bear, embroidered stamp, sheet of 4

GRE 18 €8.50
15 D CAD 3353 5225



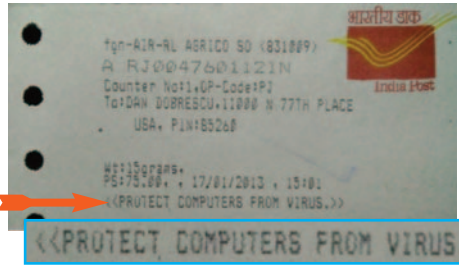
2004, Sept. 7 - Mars developments

GRE 19 €7.00
6*1.50 D Robotic space probe
3466 5487-92

2011, Nov. 26 - Grenadian export (chocolate), sheet



GRE 20 €34.00
6 * 2.25 D QR-code 6448



Special computerized label issued to the sender of registered letter by India Post with slogan at the bottom (<<PROTECT COMPUTER FROM VIRUS.>>).



The first space computerized mail. The first orbital post office has been inaugurated on January 22, 1978 on SALYUT 6 orbital station. The first space computerized mail has been achieved on MIR orbital complex on April 12, 1980. The correspondence has been processed, registered mail (3), using the printer on board. The autographs of A. SOLOVIEV and A. BALADIN spacemen have also enhanced the correspondence. Only 35 letters are known (author's collection).



COBOL language.

Grace Murray Hopper, pioneer in the field of IT, who developed the first compiler for a computer programming language and created one of the first modern computer programming language - COBOL - which were developed independently from equipments. G.M. Hopper has been honoured by having the USS destroyer HOPPER (DDG-70) named after him. Commissioned September 6, 1997 in San Francisco to be near Silicon Valley. *Hand cancellation USS HOPPER (DDG 70) SEPT 6, 1997 (Commissioning Day)* (author collection).

----- Catalog by country G

**GRENADA GRENADINES
GRENADA CARRIACOU & PETITE
MARTINIQUE**

1983, Apr. 7 - WCY

GREG 01 €2.20

30 c Monitor

539

549



1984, Oct. 28 - Opening of Point Saline Intl. airport, overprint

GREG 02 €0.30

30 c Monitor

629

639

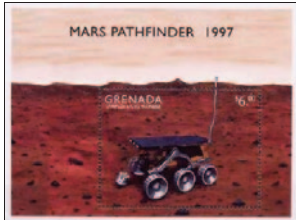
Beginning 1999 year stamps of GRENADA GRENADINES will be inscribed GRENADA / Carriacou & Petite Martinique

1999, Oct. 8 - Space exploration

GREG 03 €7.00

6 D Robotic space probe

2129 2981 (B450)



2000, Feb. 1 - Millennium (1970-1979)

GREG 04 €3.50

20 c Computer tomograph scanner (1971)

2139c 3020

2003, Apr. 29 - Teddy Bear, embroidered stamp

GREG 05 €9.00

15 D CAD

2461 3917



2011, Nov. 8 - CHINA 2011, block

GREG 06 €5.00

6 D QR-code

B653

----- Catalog by country G

GUATEMALA



1981, June 1 - Phonograph cent.

GUA 01 €0.30

3 c Edison

C739 1190



GUINEA, REPUBLIC

1972, May 17 - 4th WCD

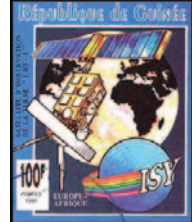
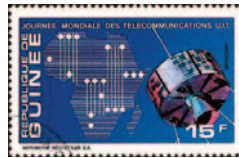
GUR 01 €3.50

15 F, 30 F, 75 F, 80 F, 100 F, 200 F

Telecommunication network

604-7, C120-1

622-7



1992, Nov. 10 - Anniversaries and events (ISY), sheet of one

GUR 02 €10.00

100 F PC

1189

1993, July 27 - First manned Moon landing, 25th anniv.



GUR 03 €18.00

2 * 150 F Robotic space probe

1257B n-o

B479

1996, Aug. 30 - Old locomotives



GUR 04 €3.00

450 F Werner von Siemens

1358 1583

----- **Catalog by country G**

1998, May 18 - Lost in space, sheet



GUR 05 €15.00
3 * 1500 F Robotic space probe
1881-3 (B531-3)

1998 - Events 20th century



GUR 06-06b
300 GNF Werner von Siemens
500 GNF ADN design by computer
500 GNF William Gates

Illegal sheet / stamps

1999, Dec. 9- Apollo 11, 30th anniv.

GUR 07 €30.00
12*750 F, 2*1500 F LCD characters
1615-9 2708-19, B626-7



2000, Feb. 18 - Millenium - Across the continents

GUR 08 €25.00
300 F Astrolabe 1825I 2775

2002, Feb.20 - 100 years Nobel Prize

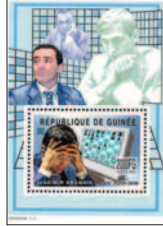
GUR 09 €14.00
750 F J. Bardeen, inventor of transistor
2131d 3840



----- **Catalog by country G**

2002, Dec. 19 - Famous chess players

GUR 09aa perf. €4.00 imperf. €12.00
sheet of one: perf. €7.00 imperf. €15.00
m/s: perf. €24.00 imperf. €36.00
2000F V. Kramnik & Deep Fritz
3988, B760



2007, Aug 30 - Sports

GUR 09a €7.00
25000 FG Steven Jobs
4640 (B1143)

2007, Nov. 5 - Mars Pathfinder



GUR 09b €20.00
3000, 10000, 15000, 3*25000 FG Robotics
4809-11, 4812-4 (B1251-3)

2008, Sep. 1 - A.C. Clarke



GUR 10 €7.80 s/s €5.25
6 * 5000 FG, 25000 FG Portraits
5684-9, 5690 (B1558)

----- Catalog by country G

2008, Sep. 1 - Space Internet



GUR 11 €10.00
6 * 5000 FG Vinton Cerf, Steven Jobs
5632, 5635



GUR 11 s/s €20.00
2500 FG @-symbol, Steven Jobs
5637 (B1547)

2008, Nov. 17 - Prix Turing



GUR 12 €18.00
5000 FG Alain Turing, Enigma machine,
codebreaker
5000 FG Alan Turing

----- Catalog by country G

5000 FG Alan Kay, dynabook, keyboard
5000 FG Peter Naur, IBM 1620, ALGOL
5000 FG Frances E. Allen, IBM ROMAC 305
5934-9



GUR 12 s/s imperf. €20.00
5000 FG Alan Kay, dynabook, keyboard
5000 FG Peter Naur, IBM 1620, ALGOL
5937A-8A



GUR 12 s/s €10.00
25000 FG Ivan Sutherland & Alan Turing
5942 (B1594)

2009, Sept. 2 - Blaise Pascal



GUR 13 €6.00
5*6500 FG Blaise Pascal
6624-8, 6629 (B1696)

2011, Dec. 30 - Tribute to Steven Jobs

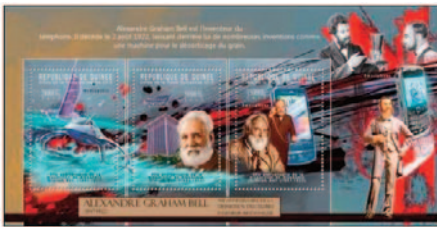


GUR 14 €6.50
4*1000 FG Steven Jobs, Apple computer,
Bill Gates, Steve Wozniak, Jef Raskin
8979-8983 (B2036)



GUR 15 s/s €6.50
40000 FG Steven Jobs 2036

2012, Sept. 20 - 90th anniv. of A.G. Bell, s/s



GUR 16 €8.00
20000 FG LCD Screen (smart phone)
9334 (B2122)



GUR 17 €12.00
40000 FG Steven Jobs
9335 (B2123)

GUINEA, BISSAU



1977, Jan. 27 - Viking spacecraft
GUS 01 perf. €4.00 imperf. €15.00
35 p Robotic space probe
C11A 421A, B



GUS 02 s/s of one perf. €20.00 imperf. €30.00
35 p Robotic space probe
C11A B53A, B

1977, Sept. 30 - UPU centenary



GUS 03 €5.00
s/s of one perf. €20.00 imperf. €f.p.
6 p Control center
375B 435

1979, May 17 - WCD

GUS 04 €0.60
50 c Monitor
397A 551



1981, Feb. 5 - Space exploration

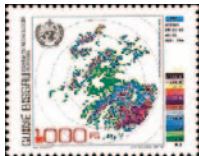
GUS 05-06 perf. €11.00 imperf. €40.00
s/s perf. €50.00 imperf. €75.00
3.50 p Galileo Galilei
35 p Robotic space probe
413, C23 574A, B; 578A, B;
B174A, B; B178A, B

Catalog by country G

1990, Oct. 1 - WDY

GUS 07-08 €9.00

1000 p Radar weather map 3000 p MIC
889-90 1119-20



2007, Jan. 29 - Inventors

GUS 09 €9.00

3000 F Babbage's differential machine
3480 (B583)

2008, Dec. 1 - Chess champions computer

GUS 10 €10.00

3000 F Chess computer
3943 (B672)



2009, Apr. 10 - Intl. year of astronomy

GUS 11 €13.00

350 F ... 3500 F Galileo Galilei
4091-5, 4096 (B683)

2009, Apr. 10 - Communications



GUS 12-13 €6.00

600 F Arthur C. Clarke

600 F Konrad Zuse computer, PC
4139, 4142

Catalog by country G

2009, May 29 - New technologies computer



GUS 14 €6.75

300 F URL, Tim Berners - Lee

300 F Windows, William Gates

400 F Mac, Steven Paul Jobs

400 F Nana technology, Richard Feynman

800 F Google, Larry Page and Sergey Brin

800 F Laser inventor, Gordon Gould
4190-5

2009, May 29 - Greatest inventors



GUS 15 €10.00

350 F Mohamed ben Muja Alkarismi

450 F Marconi

1000 F Edison

4217, 4220, 4222

2009, July 3 - Nobel prize winners (1907-1912)



GUS 16 €5.20

600 F Michelson

4333



Vignette of Vienna fair.

Punched card and perforated paper tape.



1972, Dec. 14 - American and Russian astronaut memorial
 GEQ 01 €3.00
 10 p Control center
 72239 194



2003, July - Anniversaires and events - YDAC
 GEQ 02 €3.50
 400 CFA Keyboard
 256b 1934



Dated 2001 stamps did not appear in philatelic market until 2003 (Michel catalog) / 2004 (Scott catalog).

2008 - William Gates
 GEQ 03
 \$5 Portrait

Illegal stamp



1979, Feb. 7 - Satellite Earth Station
 GUY 01 €2.00
 10c, 30c, 50c, \$3.00 MIC 294-7 557-60



1981, July 1 - Satellite Earth Station, overprint
 GUY 02 €7.50
 220 c on \$3.00 MIC 384 641

1981, July 1 - Satellite Earth Station overprint, on service
 GUY 03 €30.00
 100 ops on \$3.00 MIC 09 D16



GUY 04 €12.00
 100 c on 100 ops MIC 455 D18

GUINEA, EQUATORIAL

1983, Oct. 1 - International science year, overprint
 GUY 05 €110.00
 120c on \$3.00 MIC 655 974



1983, Oct. 15 - WCY, overprint
 GUY 06 €9.00
 55 c on 375 on \$3.00 MIC 714 1045

1985, Oct. 24 - United Nations 1945-1985, overprint



GUY 07 €20.00
 30 c, 50 c, 100 c, 225 c, \$3.00 MIC 1376-80 1468-72

1993, July 26 - Millennium



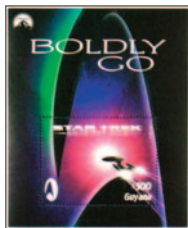
GUY 08 €4.20
 \$100 Computer von Neumann
 2681 4210 (B284)

GUYANA

----- Catalog by country G - H

1994, Nov. 10 - Space events

GUY 09 €6.80
\$60 Robotic space probe
2873f, g, 2874 4911-28



1994, Dec. 7 - Motion pictures -Star trek generations

GUY 10 €20.00
\$100, \$500 Robotics
2903, 2906 4989, 4990 (B446)

1996, Dec. 2 - Exploring the deep ocean



GUY 11 €7.50
\$30 Robotics
3106b 5788

2001, Mar. 28 - Historical events (1921-1935)

GUY 12 €12.00
\$60 VDT 3658f 7180

2001, June 18 - Queen Elizabeth II



GUY 13 €1.80 sheet of 8 €11.00
\$60 Computer graphics (photomosaic)
3647 7232

Printed in sheets of 8, with and without inscription reading "In Celebration of the 50th Anniversary of H. M. Queen Elizabeth II's Accension of the Throne".



1984, May 30 - WCY

HAI 01 €3.80
0.25 G, 0.50 G Teletype,
punched tape
789-90 1459-60



HAITI

----- Catalog by country H



HUNGARY

1938, Jan. 1 - Pope Sylvester II

HU 01-02 €30.00
1f, 10f Portrait
514,516 551, 556



1948, May 15 - Explorers and inventors

HU 03 €6.50
8f Edison C58 1016

1952, June 15 - Leonardo da Vinci

HU 04 €1.20
1.60 Ft Portrait C109 1253

1964, Mar. 31 - Communications

HU 05 perf €1.10 imperf €17.00
6 Ft Teletype
1526 2014

Minute inscription in lower include year date, number of stamp in set and designer's name (Legrady S.)



1964, May 3 - 400th birth day anniv.

HU 06 perf. €0.70 imperf. €17.00
2 Ft Galileo Galilei
1592 2023, 2023A

1971, Mar. 8 - Luna 17 / Lunachod 1, sheet



HU 07 perf. €2.30 imperf. €12.00
2.50 Ft Robotic space probe
C310 2654-7A, 2654-7B

----- Catalog by country H

1973, Oct. 30 - Communication

HU 08 €1.20

6 Ft Teletype

2204 2837

Minute inscription centered in lower margin: Legrady Sandor.



1973, Dec. 29 - Postal service

HU 09 €3.60

1 Ft Paper tape puncher

J269 T245

1974, June 6 - 50th anniv. of Intl. Chess Federation

HU 09a €1.30

2 Ft Kempelen chess machine (1769)

2293 2961



1975, May 5 - Science Academy

HU 10 €1.30

2 Ft Characters

2364 3040

1976, Nov. 11 - US Mars missions

HU 11 perf €2.30

imperf €10.00

1 Ft Robotic space probe

C368 3150, 3150B

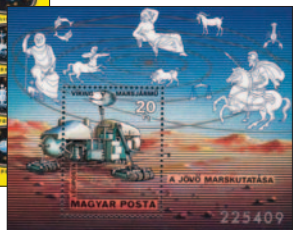
1976, Nov. 11 - US Mars missions, sheet

HU 12 perf. €2.50

imperf. €12.00

20 Ft Robotic space probe

C373 B121, B



1977, Sept. 20 - Viking on Mars, sheet

HU 13 perf. €3.25

imperf. €12.00

20 Ft Robotic space probe

C375 B125, B

----- Catalog by country H

1978, Mar. 10 - Future space flights

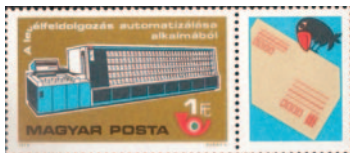
HU 14 perf. €2.10

40 f ... 5 Ft MIC

C393-9 3265-71



1978, Sept. 15 - Toshiba automatic letter sorting machine



HU 15 perf. €0.50

imperf. €3.50

1 Ft Letter sorting

2541 3309

1979, June 8 - Railroad development IVA'79

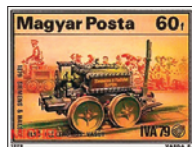
HU 16 perf. €5.50

imperf. €22.00

60 f Siemens & Halske

Berlin

2574 3344



1980, Nov. 21 - J. Kepler



HU 17 €0.40

1 Ft Complex astronomical system

2667 3459

1981, June 12 - George Stephenson

HU 18 €0.70

2 Ft MIC - font

2697 3502



1982, May 18 - Space

HU 19 perf. €5.00

imperf. €20.00

1 Ft, 1 Ft, 2 Ft, 2 Ft, 4 Ft, 4 Ft, 6 Ft MIC - MICR

2743-9 3557-63

Catalog by country H

1982, Nov. 30 - Vatican



HU 20 perf. €2.00 imperf. €12.00
2 Ft Pope Sylvester II - portrait
2774a 3587-92

1983, Oct. 7 - WCY



HU 21-23 €2.30
3 Ft Terminal, magnetic tape unit
5 Ft Letter sorting
8 Ft Teletext
2809-11 3639-41

1985, May 29 - Expo '85

HU 24 €0.80
2 Ft, 4 Ft MIC 2926-7 3858-9



1985, Oct. 1 - COMNET

HU 25 perf. €0.50 imperf. €10.00
4 Ft Terminal 2947 3781

1985, Dec. 16 - Postal service

HU 26 €2.80
8 Ft Sorting solution J274 T250



1988, May 12 - Computer animation

HU 27 perf. €0.50
HU 28 imperf. €3.50
4 Ft Computer graphics 3128,a 3964,a

Catalog by country H

1992, Aug. 3 - Von Neumann



HU 29 €2.80
40 Ft Portrait and PC 3354 4209

Specimen

1996, July 12 - Second European Congress of Mathematicians

HU 30 €0.50
24 Ft Sierpinski triangle, fractal
3535 4395



1998, Feb. 11 - Von Neumann

HU 31 €0.70
50 Ft Portrait, ferrite core memory, EDVAC computer
3592 4478

1998, July 31 - IFIP

HU 32 €0.80
65 Ft Conference symbol
3624 4512

2000, June 30 - Millennium



HU 33 €22.50
2000 Ft Hologram, binary code
3698 B256

2001, Nov. 23 - State printers, 150th anniv.

HU 34 €1.10
150 Ft IC
3778 4700

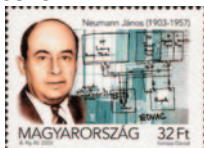


----- Catalog by country H

2002, May 29 - Wishing stamp, booklet, s-a
 HU 35 €1.90
 5*38 Ft Barcode, Internet
 3804 4741-5



2003, Feb. 12 - Famous persons



HU 36 €1.20
 32 Ft Portrait Neumann, EDVAC computer
 3824 4764

2003, Nov. 7 - World science forum



HU 37 €7.00
 500 Ft PC, binary code, URL, CD, keyboard
 3868 4818 (B286)

2004, Feb. 26 - European ministerial conference on information society



HU 38-41 €2.00
 4 *40 Ft Binary code, e-mail - purple on yellow;
 green on red; blue on light blue; yellow on purple.
 3876 4832-5

----- Catalog by country H

2004, June 28 - eHungary point



HU 42 €1.50
 120 Ft e-mail 3902 4870

2005, Apr. 1 - Compass and map of Hungary



HU 43 €1.00
 2 * 50 Ft URL 3926 5015-6

2006, Jan. 6 - MTI News Agency

HU 44 €0.90
 90 Ft Perf. tape, telegraphy; binary code
 3958 5062



2006, Mar. 30 - Telecommunications

HU 45 €2.20
 240 Ft Internet
 3975 5076

2012, May 9 - Europe - Visit Hungary



HU 46 €7.00
 2 x 235 Ft URL (. HU)
 5562-3 (B347) small block €16.00

----- Catalog by country H

2012, May 14 - Your own stamp message

HU47 €1.10
90 Ft QR code
5567



2013, Mar. 5 - Composers: Richard Wagner & Giuseppe Verdi



HU 48 €4.00 block €16.00
165 Ft, 325 Ft QR code, barcode
5599-5600

2013, Oct. 10 - Budapest water summit, m/s

HU 49 €3.00
365 Ft QR-code
5658 (B364)



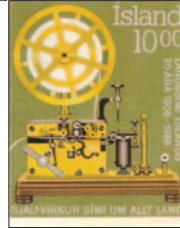
2016, Nov. 21 - Budapest water summit, m/s
HU 50 €3.00
400 Ft QR-code
5873 (B396)

----- Catalog by country I



ICELAND

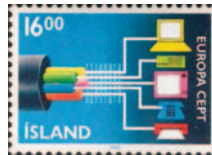
1986, Sept. 29 - Telephone in Iceland, 80th anniv.
IC 01-02 €1.40
10.00 K Perf. Tape, telegraphy
20.00 K Circuitry
632-3 658-9



IC 01 handpainted €1,000.00
Handpainted artist original (176 x 213 mm), signed in original by artist T. Magnússon. One of kind item.

1988, May 2 - Europe CEPT

IC 03 €5.50
16.00 K ISDN network, FO, binary code
660 682



1990, May 7 - Europe CEPT

IC 04 €6.00
40.00 K Electronic scale 699 727

1999, Oct. 7 - Reykjavik, European cultural city

IC 05 €1.80
50 K Laptop 893 926



2000, Apr. 27 - Millennium

IC 06 €1.40
50 K Circuits 907 952

----- Catalog by country I

2008, May 8 - Icelandic industry design

IC 07 €8.00
120 K LCD screen 1142 1200



2012, May 3 - Europe 2012 - Visit Iceland

IC 08 €5.00
50 g, 50 g QR-code 1381-2A, D



IC 09 €5.00 sheet €50.00
50 g, 50 g, 50 g AR-code 1411-3



2015, Nov. 5 - Christmas, s-a

IC 10 €7.40 sheetlet €74.00
50 g, Laptop booklet €21.00 1482

2019, Apr. 11 - Europe: Native birds, s-a



IC 11 €8.40 booklet €84.00
50 (225 K), 50 g (285 K) CEE App, barcode 1586-7

1999, May 11 - Technology day

IN 08 €0.50
3 R Circuits 1746 1685

----- Catalog by country I

INDIA



1985, Nov. 14 - Children's day

IN 01 €1.00
50 P Terminal 1100 1033



1987, Oct. 15 - Blind

IN 02 €0.80
1 R PC 1176 1114

1989, June 27 - DAV centenary

IN 03 €0.50
1 R Computer 1283 1224



1993, Feb. 28 - CSIR

IN 04 €0.60
1 R PC 1439 1382

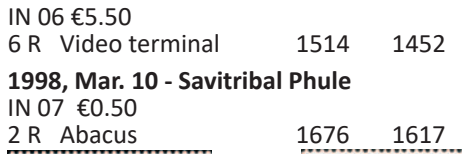
1994, Nov. 30 - Blind school

IN 05 €0.30
2 R Computer 1500 1445



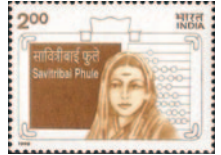
1994, Dec. 28 - 200 years of Bombay GPO

IN 06 €5.50
6 R Video terminal 1514 1452



1998, Mar. 10 - Savitribal Phule

IN 07 €0.50
2 R Abacus 1676 1617



----- Catalog by country I

2001, Nov. 14 - Children's day

IN 09 €0.50

4 R Computers

1926

1874



2002, Oct. 28 - Chamber of Commerce

IN 10 €0.90

4 R Terminal

1974

1923

2002, Dec. 28 - D.H. Ambani, industrialist, sheet of 16

IN 11 €4.00

16 * 5 R Control center

1988 (Var) 1940



2003, Nov. 1 - First telegraph line in India, 150th anniv.

IN 12 €0.50

5 R LCD screen

2030

1990

2004, Aug. 28 - Panini

IN 13 €2.00

5 R Programming language

2074 2042



2004, Oct. 4 - 150 years of India Post

IN 14 perf. 14 €1.20

5 R PC, epost

2078

2048A

IN 14 sheet perf. 13 ¼ €3.00

2078a

2045-8C (B27)

----- Catalog by country I

2005, Nov. 17 - WSIS

IN 15 €0.50

5 R IT

2125

2110



2009, Dec. 27 - Indian Mathematical Society

IN 16 €0.50

5 R Binary code

2453

2010, Jan. 25 - Election commission

IN 17 €0.50

5 R ID card

2458



2012, Nov. 14 - Children's day

IN 18 €0.40

5 R ATM

2681

2014, Dec. 15 - Kendriya Vidyalaya Sangathan school organization

IN 19 €0.40

5 R Laptop

2855



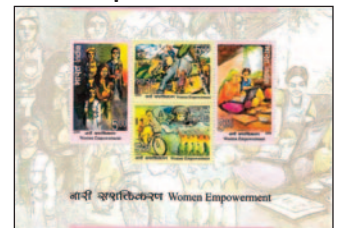
2015, Apr. 10 - India - France 50 years of space cooperation, s/s

IN 20 €2.50

5 R, 25 R QR - code

B128

2015, Sept. 2 - Women empowerment



IN 21 €1.60

5 R Laptop

block €2.00

2880A

----- Catalog by country I

2016, Sept. 16 - 100 years Karur Vysya Bank



IN 22 €3.00
5 R Smart banking 3002

2016, Sept. 16 - 25 years Mpbasis



IN 23 €3.00
5 R CAD 3003

2017, May 5 - 20 years of Telecom Regulatory Authority

IN 24 €10.40
5 R Monitor 3158



2019, Sept. 6 - Indian fashion (III)

IN 25 €3.40 block €3.40
10 R Laptop 3576, B219

2020, July 26 - 6 years Internet platform "myGOV"



IN 26 €3.20
5 R URL 3680Zf



INDONESIA

1957, May 10 - 100 years telegraphy

IND 01 €6.50
10, 15, 25, 50, 75 sen
Punch tape (single chanel)
436-40 196-200



----- Catalog by country I

1964, July 15 - Postal service



IND 02 €0.80
7.50 r Teleprinter
633 453

1974, Dec. 10 - Oil enterprise

IND 03 €3.50
95 r Computer center 931 799



1984, Feb. 17- Stop polio

IND 04 €2.20
110 r, 275 r MIC - font 1217-8 1125-6

1987, May 12 - Cancer foundation

IND 05 €1.00
350 + 50 r CT scanner B232 1224

1988, Sept. 19 - 13th Congress of the Non-Aligned News Agencies Pool

IND 06 €1.50
500 r Teletype / Teleprinter 1364 1275



1991, Apr. 4 - 5 years plan

IND 07 €0.50
200 r PELITA V computer network, keyboard,
paper printer
1462 1381

1992, Jan. 9 - Automation of the Post Office

IND 08 €0.90
500 r Mail sorting 1484 1405



----- Catalog by country I

1992, Aug. 16 - Communications

IND 09 €2.10

1000 r LCD screen 1521 1442

1994, Oct. 17 - 25th anniversary Bakousurtanal

IND 10 €0.70

700 R Video terminal, magnetic tape

1591 1531



1996, June 26 - National scout jamboree

IND 11 €1.60

150 r Control center 1662h 1635

1996, Sept. 27 - National scout jamboree, sheet



IND 12 €3.40

150 r Control center 1662J 1722

1997, Jan. 1 - Telecommunications year



IND 13 €1.00

300 r Intelligent network, control center

700 r Laptop

1693-4 1680-1

1999, May 2 - Bug 2000



IND 14 €0.50

2 * 500 r Millennium bug

1847-8 1911-2

----- Catalog by country I

2000, Dec. 20 - The post in 21st cent.



IND 15-18 €3.00

800 r MIC

900 r, 1000 r Computer screen

4000 r PC

1923-6 2050-3



2001, Oct. 10 - YDAC

IND 19 €0.40 tête-bêche €1.00

1000 r Keyboard 1974 2139



2002, May 17 - Communications

IND 20 €1.40

1000 r PC, Internet 1991 2174



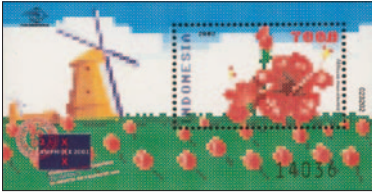
Booklet €5.00



m/s €3.00

----- Catalog by country I

2002, Aug. 30 - AMPHILEX 2002



IND 21 €2.10
7000 r Computer graphics
2011 2206 (B180)

2002, Dec. 13 - National news agency

IND 22 €0.60
1500 r Binary code
2020 2220



2010, July 3 - Centenary of Muhammadiyah
IND 23 €1.20 block €3.00 sheetlet €10.00
1500 r PC
2832 (B261)

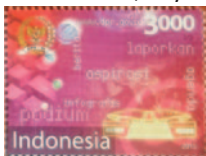
2011, Apr. 21 - Safe Internet



IND 24 €1.50 sheet €5.80
2 * 2500 r Laptop, Internet, binary code
2905-6

2014, Aug. 29 - 70th anniv. of Indonesian Parliament

IND 25 €1.60 sheetlet €10.00
3000 r URL, keyboard 3211



2020, Aug. 17 - Covid-19
IND 26 perf. €2.00 imperf. €6.00
m/s perf. €12.00 m/s imperf. €25.00
special m/s €20.00
3000 r iPad, laptop

----- Catalog by country I



IRAN

1966, Nov. 11 - National census

IRA 01 €0.50
6 r Counting on fingers
1413 1325



1976, Oct. 7 - Police day

IRA 02 €0.50
2 R Control center 1914 1842



1977, May 17 - WCD

IRA 03 €0.50
20 r Printed circuit 1943 1872

1988, July 10 - Reformation week

IRA 04 €0.50
20 r PC 2331 2293

1991, Mar. 12 - WCD

IRA 05 €0.90
50 r Punch tape 2440 2408



1992, May 25 - Surveying & mapping conference

IRA 06 €0.80
40 r Computer 2494 2495

1992, June 9 - Intl. Conf. on Eng. Applications of Mechanics

IRA 07 €1.00
50 r Robotics 2514 2499

1994, May 17 - Telephone day

IRA 08 €0.80
50 r PC
2625 2624



----- Catalog by country I

1997, May 22 - Post & telecommunication

IRA 09 €1.30

200 r PC

2708

2725



1997, Sept. 3 - Public service

IRA 10 €1.00

100 r VDT, FO

2715

2728

1997, Oct. 15 - WPD

IRA 11 €1.30

200 r PC

2728

2741

2001, Oct. 9 - YDAC

IRA 12 €1.40

250 r Keyboard

2823

2862

2003, Oct. 9 - WPD

IRA 13 €1.10

600 r Laptop, e-mail, URL, binary code

2874a 2928



2008, Feb. 25 - IT, development infrastructure

IRA 14 €0.50

650 r PC, notebook, binary code

2946 3088

2010, Oct. 9 - WPD

IRA 15-16 €1.00

sheet €1.00

1400r, 1500 r @-symbol



2010, Oct. 10 - Electronic system of communication

IRA 17 €2.10

2000 r @-symbol

----- Catalog by country I



IRAQ

1965, Nov. 29 - National census

IRQ 01 €2.50

3 Fils, 5 Fils, 15 Fils Electromechanical calculator

390-2 429-431



1979, Nov. 20 - Telecom '79

IRQ 02 €2.60

20 Fils, 50 Fils, 70 Fils Terminal

945-7 1025-7

1985, Aug. 11 - Posts and telecommunication development program

IRQ 03 €3.00

20 Fils, 60 Fils Teletype

1176, 1178 1253, 1255



1986, Mar. 8 - Women's decade

IRQ 04 €2.00

30, 100 Fils Terminal

1223, 1225 1297, 1299



IRELAND - EIRE

1984, Oct. 19 - 200th Irish post anniv.

IRL 01 €1.00

26 p LCD characters

602 549



1985, Oct. 3 - Industrial development

IRL 02 €2.10

22 p Dighting drawing board

646 577

----- Catalog by country I

1988, May 12 - Europe CEPT

IRL 03 €1.00
28 p Airport terminal
717 650

1988, Oct. 6 - Science- accountants

IRL 04 €2.30
24 p Abacus, terminal 727 662



1989, July 25 - Royal Institute of Architects

IRL 05 €3.00
28 p Plotter 750 685

1992, Apr. 2 - Commerce chamber

IRL 06 €1.00
28 p Terminal, notebook
857 787



1995, June 8 - Radio centenary

IRL 07 €6.00
2 * 32 p LCD characters
973-4 903-4

1999, June 15 - UN international year of older persons

IRL 08 €1.00
30 p Men and PC
1181 1148



2000, Feb. 29 - Millennium, discoveries



IRL 09-10 €6.00 sheet of 12 €14.00
30 p Edison
30 p Galileo Galilei
1219c,f 1218, 1221

----- Catalog by country I

2000, Dec. 31 - Millennium, world events



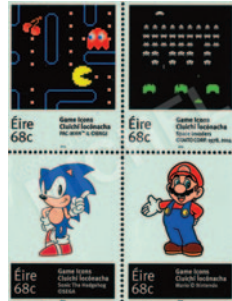
IRL 11 €6.00 sheet €15.00
30 p Laptop, URL, CD 1221f 1297

2006, June 6 - 50 years Gaeltachta



IRL 12 €1.00
48 c Keyboard 1666 1707

2014, Oct. 16 - Computer games



IRL 13-16 €6.00 block of four €6.00
4 * 68 c Computer games
2113-6

2015, Mar. 19 - Irish animation industry



IRL 17 €6.00 sheetlet €26.00
booklet B73 €12.00
4 * 68 c CEE-App
2066A-D 2123-6



ISRAEL

1959, Feb. 25 - Postal service

IL 01 €0.70
500 p Punch tape 153 173

1964, Apr. 13 - National anniv.

IL 02 €3.00
70 A Punched card, magnetic cassette unit
258 303



1969, Aug. 13 - Jewish New Year 5730

IL 03 €1.10
15 A Noah 395 450

1977, July 23 - ZOA convention

IL 04 €0.50
4.00 L Mobius strip 636 708

1977, Aug. 16 - Police

IL 05 €0.90
1.00 L Magnetic tape unit, terminal
642 710



1979, Feb. 13 - Technological achievements

IL 06 €0.70
4.30 L Printed circuit, keyboard
720 787

1979, Apr. 23 - Hapoel games

IL 07 €1.20
1.50 L, 6.00 L, 11.00 L Computer graphics in tabs
725-7 793-5

1988, Jan. 26 - Industrial development

IL 08 €5.20
10 A PC 979 1080



1989, July 18 - Graphics and design

IL 09 €1.70
1.50 N Printed circuit 1026 1130

1989, Oct. 15 - TEVEL '89

IL 10 €1.80 minisheet €15.00
50 A PC, CAD 1033 1140

1989, Oct. 17 - Stamp day

IL 11 €1.10
1 R Pixel 1034 1142



IL 10 booklet €20.00

1990, Sept. 4 - Electronic communication

IL 12 €1.60
1.20 N PC, e-mail, binary code
1066 1171

1990, Dec. 12 - Computer games



IL 13-15 €2.80
3 * 60 A Computer games, keyboard
1068-70 1177-9



----- Catalog by country I

1994, Apr. 5 - Monument of fallen soldiers of Communications, Electronics and Computer Corps

IL 16 €0.90

85 A Word "computer", LED
1200 1298



1994, Nov. 27 - Computer at post office

IL 17 €1.90

3 S PC 1220 1317

1996, Feb. 20 - Cattle breeding

IL 18 €4.50

4.65 S Monitor 1267 1361



1996, Apr. 17 - Producer organization

IL 19 €2.20

1.05 S IC 1271 1366

1997, Feb. 13 - Hong Kong '97, inventors, sheet



IL 20 €2.00

2 S Edison 1296 B55

----- Catalog by country I

1997, Dec. 23 - Philatelic day

IL 21 €1.70

2.50 S Fractal software
1324 1446



1999, Apr. 18 - Jewish contribution to modern world culture

IL 22 €2.80

0.90 S Norbert Wiener
1362d 1511

1999, Dec. 7 - 50 years Kiryat Shemona



IL 23 €0.70

1.20 NIS PC 1382 1534

2000, Jan. 1 - Millennium

IL 24 €4.00

2.30 S Man at PC, e-mail, keyboard, millennium bug, software
1387 1543



2000, Jan. 1 - Stampin the future children's stamp

IL 25 €4.50

1.20 S, 1.90 S, 2.30 S, 3.40 S Pixels
1389-92 1537-40

----- Catalog by country I

2000, May 3 - Cellular communications, phone

IL 26 €1.10

2.30 NIS LCD screen 1406 1553

2000, Dec. 5 - Science fiction



IL 27-28 €3.50

2.80 NIS Isac Asimov's robot positronic

3.40 NIS Computer graphics

1424-5 1573-4

2001, Mar. 18 - Jerusalem exhibition stamp



IL 29 €5.50

10 A www

1440 B63

2001, May 23 - Belgica 2001



IL 30 €5.50

10 NIS PC

1445 B64

2003, Apr. 27 - Aircraft industry



IL 31 €1.40

3.30 NIS Printed circuit

1516 1725

----- Catalog by country I

2004 - Masad machine CVP



IL 32 €5.00

1.30 NIS e-mail

2004, Nov. 2 - Opening of Ben Gurion airport terminal 3

IL 33 €0.85

2.70 NIS LED circuit 1579 1799



2005, May 3 - Educational institution

IL 34 €3.00

6.20 NIS Abacus 1599 1817

2005, Dec. 29 - Industry in Israel

IL 35 €0.75

1.50 NIS Printed circuit, control center

1628 1851

2007, Feb. 20 - Development of Negev

IL 36 €2.10

2.50 NIS Control room 1669 1908



2007, Feb. 20 - Physical education

IL 37 €2.10

3.00 NIS, 7.30 NIS LCD screen

1672-3 1911-2

----- Catalog by country I

2007, Apr. 17 - Development towns

IL 38 €4.60
3.30 NIS PC 1681 1922



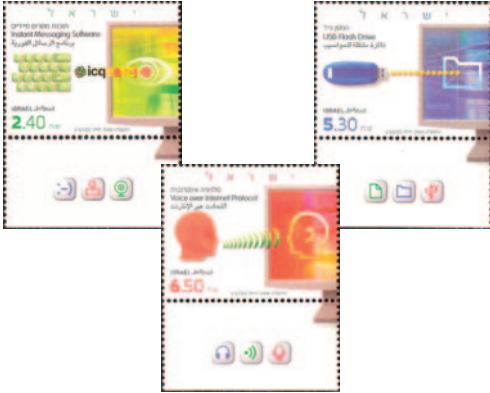
2008, Apr. 28 - The Israeli

IL 39 €0.60
1.55 NIS @-symbol
1720 1982

IL 39 phosphorescent strip, m/s €12.00
2*10 * 1.55 NIS @-symbol
1721a 1983

IL 39 booklet €10.40

2009, Sept.8 - Virtual communication

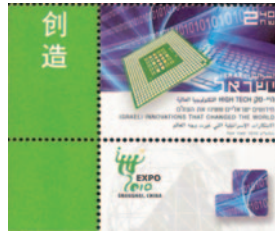


IL 40-42 €7.00
2.40 NIS Instant messaging software
5.30 NIS USB flash drive
6.50 NIS Voice over Internet protocol
1783-5 2080-2

2010, Apr. 14 - Israeli innovation that changed the world

IL 43 €2.00 sheet of 10 €25.00
2.40 NIS Binary code, microchip, notebook
2106

----- Catalog by country I



2011, Feb. 7 - 100 years of clalit service

IL 44 €3.50
9 NIS Laptop 2193



2013, Aug. 26 - Children song's

IL 45 €10.00
12 * 2 NIS CD 2362-73



2016, Apr. 19 - Israeli achievements

IL 46 €4.70
8.30 NIS Digital printing 2510

2018, Apr. 9 - 70 years of independence

IL 47 €2.50 sheetlet €20.00
5 NIS USB flash drive, LCD screen (smart phone)
2608



2018, May 27 - Innovation in the IDF (Cyber Defence)

IL 48 €3.50 sheetlet €20.00
4.10 NIS Control centre, binary code
2644

----- Catalog by country I

2018, 70 years of Israeli innovation, m/s



IL 48 m/s €70.00
 2.40 NIS Instant messaging software
 5.30 NIS USB flash drive
 6.50 NIS Voice over Internet protocol
 2.40 NIS Binary code, microchip, notebook
 5 NIS USB flash drive, LCD screen (smart phone)
 4.10 NIS Control centre, binary code

2018, Dec 4 - Israeli achievements: Robotics



IL 49 €2.60
 2 * 2.50 NIS Robotics
 2655-6

2019, Mar. 5 - Support program from young people interested in science



IL 50 €6.00
 11.80 NIS Robotics, printed circuit
 2666

----- Catalog by country I



ITALY

1932, Mar. 14 - Dante Alighieri Soc.

IT 01 €50.00
 1 L, 3 L, 5 L, 10+2.50 L
 Leonardo da Vinci
 C29-31, C33
 386-8, 390



1932, Aug. 6 - Dante Alighieri Soc.

IT 02 €50.00
 100 L Leonardo da Vinci C34 413
 IT 02 thin paper €70.00 C34a 413

1933, Mar. 29 - Galileo Galilei

IT 03 €0.50
 35 c Portrait D16 438



1935, Oct. 1 - Aviation exposition Milan

IT 04 €225.00
 50 L, 125 L Leonardo da Vinci
 347-8 530-1

1938, Oct. 28 - Proclamation of the Empire

IT 05 €135.00
 50 c, 2 L, 5 L Leonardo da Vinci
 404, C103, C105 608, 617, 619



1942, Sept. 28 - Galileo Galilei

IT 06 €3.00
 10 c, 25 c, 50 c, 1.25 L Portrait
 419-22 634-7

IT 07 frame missing €300.00
 421a 636a

----- Catalog by country I

1945, Oct. 22 - Galileo Galilei

IT 08 €0.50

1.40 L Portrait

D18

722



1952, Apr. 15 - Leonardo da Vinci

IT 09 €40.00

25 L, 80 L Portrait

601, 601B

860, 878

1964, Feb. 15 - 400th anniv. birth day Galileo Galilei

IT 10 €0.50

30 L, 70 L Portrait

888-9

1157-8



1970, Nov. 24 - Telephone system

IT 11 €0.50

25 L, 90 L Computer graphics

1027-8

1323-4

1975, Sept. 26 - State archives

IT 12 €0.50

100 L Magnetic tape

1200

1503



1976, Oct. 14 - Philatelic exhibition

IT 13 €1.00

400 L Letter sorting

1239

1545

1979, Apr. 30 - Europe CEPT

IT 14 €1.00

170 L Perf. tape
telegraphy

1366 1657



----- Catalog by country I

1981, Sept. 4 - World Cup Race

IT 15 €0.50

300 L LCD characters

1486 1770



1982, May 29 - Italian technology

IT 16 €1.40

450 L OCR, printed circuit

1517 1801

1983, Jan. 20 - Auto industry

IT 17 €2.20

400 L Welding robot

1539a 1823



1983, May 2 - Europe CEPT

IT 18 €7.50

400 L Galileo Galilei

1558

1842

1983, May 9 - Legal information

IT 19 €1.80

500 L Terminal

1561

1845



1985, Jan. 15 - Journalistic information

IT 20 €1.00

350 L Punch tape

1613

1905

1986, July 14 - Export industry



IT 21 €5.50

650 L PC

1688

1986

----- Catalog by country I



Heavy colour shift (J. Vandenhaute collection)

1988, May 2 - Europe CEPT

IT 22 €5.00

750 L PC, e-mail 1736 2044



1995, June 8 - Radio centenary

IT 23 €1.80

750 L, 850 L LCD characters
2038-9 2392-3

1995, Aug. 7 - 14th World conference on relativity

IT 25 €0.80

750 L Galileo Galilei 2048 2402



1995, Oct. 27 - ANSA

IT 26 €0.80

750 L PC 2056 2410

1997, Mar. 21 - ITALIA '98, sheet



IT 27 €3.30

750 L Leonardo da Vinci 2129 B16

----- Catalog by country I

1997, June 10 - Italian labor force

IT 28 €2.00

800 L Robotics 2160 2517



1998, Oct. 31 - Italia '98 - communication day

IT 29 €0.90

800 L Internet, terminal
2272 2608

1998, Nov. 1 - Italia '98 - stamp day



IT 30 €4.00

4000 L VDT 2273 B18

1999, Nov. 27 - Year 2000

IT 31 €4.80

4800 L Robotics
2322 2666



2000, July 4 - Millennium, generation / space, sheet



IT 32 €4.50

2*2000 L Computer graphics
2332 B20

To access this journal click
<http://www.philatelica.ro/revista.html>

----- Catalog by country I

2000, Oct. 14 - World mathematics year

IT 33 €0.80

800 L Computer graphics

2373 2726



2002, Apr. 12 - National police

IT 34 €1.00

€0.41 Computer screen

2485 2839

2002, Aug. 8 - Italian design, fashion



IT 35 €4.00

6 * €0.41 Computer graphics

2508 B30

2007, Mar. 16 - Electrotechnical commission

IT 36 €2.00

€1.50 Printed circuit

3162



2008, Feb. 12 - 100 years Olivetti

IT 37 €1.05

€0.60 Company, typewriter

2851 3220



Double Black print (ex. Wobbe Vegter collection)

----- Catalog by country I

2008, Feb. 25 - Celebrating the song "Nel blu, Dipinto di blu", sheet

IT 38 €1.05

€0.60 CD

2855 3224 (B41)



**2008, Oct. 23 - State Institutions (XXV):
Municipal Police**

IT 38A €1.50

€0.60 Barcode

3272



**2008, Oct. 24 - 2500th anniv. of the Founding of
the People's Tribunal of the Roman Republic**

IT 38B €1.50

€0.60 Barcode

3273

2008, Oct. 30 - Christmas (I)

IT 38C €1.50

€0.60 Barcode

3274



2009, Apr. 22 - Montanelli journalist

IT 39 €1.10

€0.60 Olivetti typewriter

2920 3289

2012, May 5 - 150th anniv. of Italian Posts



IT 40 €10.80

€0.60 VDT

3532, 3535

€0.60 Laptop

----- Catalog by country I



IT 40 foil sheet €10.80
 9 * €0.60 VDT, Laptop, barcode
 3527-35

2012, Oct. 12 - Philately Day

IT 41 €1.20
 € 0.60 VDT



3563



2015, June 11 - Juventus wins the Italian Football Championship, s-a

IT 42 €1.80
 € 0.80 QR - code, barcode
 3800

2017, Nov. 27 - Artistic and cultural heritage in Italy - 60th anniv. of the first broadcast of the Television programm "Carosello", s-a sheetlet



IT 43 €13.00
 6 * €0.95 QR - code

4021

Advertising for selling of Olivetti Summa 15 adding machine. Postal telegram from Italy sent on January 16, 1950 (ex. Wobbe Vegter collection).

----- Catalog by country I

2020, Oct. 15 - Top products (LIV): Modica chocolate, s-a

IT 44 €2.50
 B (€1.10) QR - code

4237



2020, Dec. 15 - 70th anniv. of the typewriter "Olivetti Lettera 22", 60th anniv. of the death of Adriano Olivetti, s-a

IT 45-46 €5.00
 B (€1.10) Typewriter
 B (€1.10) Adriano Olivetti
 4276-7

ITALY, PRIVATE POST - GLOBE POSTAL SERVICE

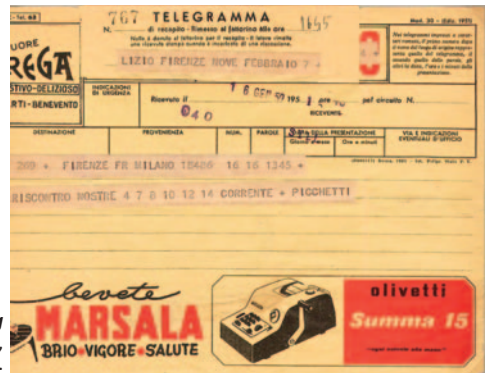
2014 - GPS mail - Florence - Ponte Vecchio

ITPP 01 €3.00
 €1.20 QR - code, URL



2016 - GPS mail - Italy map

ITPP 02 €15.00
 5 * €1.20 QR - code, URL



----- Catalog by country I

ITALY, AEGEAN IS.

1932, May 1 - Dante Alighieri Society, overprint
 ITA 01 €30.00
 1 L, 3 L, 5 L, 10+2.50 L Leonardo da Vinci
 C9-11, C13 83-5, 87



1932, Nov. 9 - Leonardo da Vinci
 ITA 02 €31.00
 100 L Portrait C14 114

ITALY, TRIESTE ZONE A

1952, Apr. 16 / Dec. 31 - Leonardo da Vinci, overprint AMG-FTT



ITTA 01 €3.00
 25 L, 80 L Portrait
 145, 164 177, 190

ITALIAN COLONIES

1932, July 11 - Dante Alighieri Society, overprint
 ITC 01 €15.00
 1 L, 3 L, 5 L, 10+2.50 Leonardo da Vinci
 C2-4, C6 14-6, 18



1932, Sept. 7 - Leonardo da Vinci
 ITC 02 €14.30
 100 L Portrait C7 19

----- Catalog by country I

IVORY COAST



1972, June 24 - Development of computerized information

IVC 01 perf. €0.80 imperf. €1.00
 40 F Mainframe IBM 360/40, ferrite core, punched card
 329 412



IVC 01 épreuve de lux €15.00



IVC 01 die proof in brown €30.00

IVC 01 die proof in blue €110.00

Die proof in brown and blue signed by the engraver FORGET with embossed stamp control

1980, Mar. 22 - Aviation, Ascena

IVC 02 €0.90
 60 F CAD - pixel design
 546 634



----- Catalog by country I-J

1986, Jan. 30 - Haley's comet

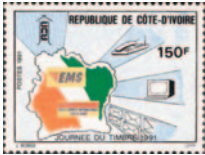
IVC 03 €1.20
125 F Computer picture
C99 888



1991, May 18 - Stamp day

IVC 04 €1.00
150 F Terminal

899 1028



1999, Dec. 10 - IT

IVC 05 €1.50
250 F IT, @-symbol

1054 1229

2001, Oct. 9 - YDAC

IVC 06 €2.20
400 + 20 F Keyboard
B22 1282



2004, Nov. 26 - Promoting women

IVC 07 €1.20
250 F PC

1134 1322



2005, Sept. 28 - WSIS

IVC 08 €1.20
30 F, 220 F IT

1143-4 1331-2



JAMAICA

1980, Feb. 25 - Institute of Jamaica centenary

JAM 01 €0.60
35 c Microfilm reader
486 484



----- Catalog by country J

JAPAN



1949, May 11 - Electrical communication week



J 01 €60.00
20 Y Vacuum tubes
457 449 (B29)

1954, Oct. 13 - ITU

J 02 €4.00
5 Y Punch tape

604 636



1956, Dec. 18 - Japan Machinery Floating Fair

J 03 €1.70
10 Y Vacuum tubes

633 665

1969, July 1 - 1st anniversary of postal code

J 04 €0.65
15 Y Punch card

998 1044

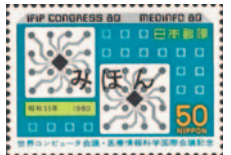
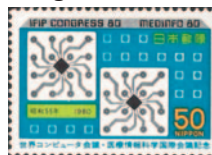


1979, Mar. 14 - Telephone automation

J 04a €0.60
50 Y Keyboard

1354 1384

1980, Sept. 29 - Medical informatics - IFIP Congress



J 05 €0.80
50 Y IC

Specimen €15.00
1414 1440

----- Catalog by country J

1984, Oct. 1 - Electronic mail

J 06 €15.00
500 Y Mail fax
1585 1601



1984, Nov. 20 - Industrial education

J 07 €1.20
60 Y Calculator - keyboard
1620 1612



1985, Mar. 16 - EXPO '85

J 08 €1.70
60 Y IBM pavilion
1641, 1641a 1626, B107



1985, Aug. 1 - Electronic mail

J 09 €9.50
500 Y Mail fax
1656 1651

block €3.20

1987, Oct. 9 - 13th WCA



J 10 €1.00
60 Y Japanese Soroban
1757 1756



Specimen

1991, Aug. 23 - International symposium of environmental change

J 11 €0.80
62 Y Digital picture 2120 2062



1996, Nov. 8 - 50th Postwar memorial year (IV)

J 12 €1.40
80 Y FO, LCD screen 2549 2426

----- Catalog by country J

1997, Apr. 10 - Sparrow

J 13 €24.00
50 Y, 80 Y, 90 Y, 120 Y, 130 Y, 270 Y CVP
2560, 2560a-d, 2561 A1-2



Denominations of this issue were printed by machine of point-of-sale, and limited to the denomination listed.

2000, Dec. 22 - 20th cent., museum

J 14 €1.70
80 Y Laptop, LCD screen
2703e 3101



2001, Jan. 5 - Internet exhibition

J 15 €3.20
2 * 80 Y Internet, URL
2755-6, 2756a 3107-8

2001, Feb. 22 - Lawyer system

J 16 €1.50
80 Y PC - juridical informatics
2758 3118

2003, Jan. 31 - 50 years of Japanese Television

J 16a €3.20 sheetlet €32.00
80 Y CAD 2850 3453

2003, Dec. 1 / 2004, Feb. 4 - Happy face, s-a

J 17 €1.50
80 Y URL 2874A 3611



2003, Dec. 1 / 2004, Feb. 1 - Color of Japanese inscription, s-a

J 18 €4.50
2*80 Y URL 2874B,C 3609-10

2003, Dec. 16 - Science and technology



J 19 €13.00
80 Y Robotics - Astro
80 Y Robotics - Morph 3
2875a, e 3593, 3597

2004, Jan. 23 / Feb. 17 - Bubbles & rose

J 20 €3.00
2*50 Y, 80 Y URL
2874D, E, F 3629-31

2004, Dec. 15 / 2005, Jan. 11 - Denomination color

J 21 €10.00
2*80 Y URL 2914K ... Q

3769-75



2006, Apr. 3 - Super Mario Bros

J 22 €10.00
10 * 80 Y Pixel, videogame

2007, Oct. 23 - Intl. skills festival for all, computer programming

J 23 €9.50
2*80 Y PC 3006a, b 4384-5



2017, Apr. 26 - 100 years RIKEN

J 24 €8.00
82 Y KYO computer 8486

2017, June 28 - Super Mario, sheet

J 25 sheet €16.00
10 * 82 Y QR - code 8589-98



2020, Sept. 1 - 100th anniv. of population census

J 26 €8.50 sheetlet €17.00
84 Y Calculator, iPad, QR - code (sheetlet)
10449-10450



JORDAN

1983, Nov. 14 - WCY



JOR 01-02 €8.00
10 f Control centre
40 f Perf. tape, multichannel
1171, 1173 1243, 1245

2001, Oct. 21 - YDAC



JOR 03 €3.00
200 f, 300 f Keyboard
1739-40 1789-90

2002 - Jordan vision 2020



JOR 04-05 €2.30
200 f URL
300 f Printed circuit
1752-3 1802-3

Catalog by country J

2006, Nov. 11 - ICT in education



JOR 06-09 €2.50
7.5 Pt Laptop, printed circuit
12.5 Pt, 15 Pt, 20 Pt Printed circuit
1860-3 1917-20



JOR 10 €2.10
20 Pt Keyboard, printed circuit
1864 B121

2009, Aug. 25 - E-Government



JOR 11-13 €4.00
20 Pt Computer cables
40 Pt URL
50 Pt @-symbol
1974, 1976-7 2011, 2013-4

2012, May 17 - WTD



JOR 14 €4.00
50 Pt Laptop
2170

Catalog by country K

KAZAKHSTAN



2001, June 21 - Communications program

KAZ 01 €1.00
40 te FO 333 325
Dated 2000



2001, Oct. 9 - YDAC

KAZ 02 €1.10
45 te Keyboard 343 344

2004, Aug. 18 - 10th anniv. of Kazak Telecom, sheet



KAZ 03 €1.30
45 te PC 464 B32

2011, Dec. 30 - Electronic government



KAZ 04 €0.50
32 te URL 740

2014, Jan. 15 - Regional cooperation in the field of communication (RSS)



KAZ 05 €3.00
200 Laptop, @-symbol, LCD technology
845 (B59)



KENYA

1976, Apr. 15 - Telecommunications

KEN 01 €3.00

3 s Magnetic tape unit
59 57



KEN 01 sheet of 4 €4.50

59a B1

KEN 01 proof sheet €200.00

See TAN 01 proof strip



Simulated perf.

1986, Sept. 16 - Africa Telecom



KEN 02 €0.30

1 s Punch tape, VDT, LCD characters

3 s, 5 s, 7s LCD
380-3 370-3



1990, July 12 - ITU, 125th anniv.

KEN 03 €0.20

1.50 s Terminal

523

521



2009, Dec. 9 - 10 years of Postal Co. of Kenya

KEN 04 €12.00

25 KES PC, mouse, financial service - money order
841



KIRIBATI

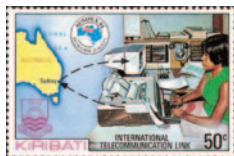
1984, Aug. 21 - AUSIPEX

KIR 01 €2.80

50 c VDT

447

446



1999, Oct. 9 - 125 years UPU

KIR 02 €1.70

\$1 PC, printer

754

813

2017, July 22 - 50th anniv. of Kiribati Marine Training Centre

KIR 03 €5.60

\$1.50 Control centre

1175



2020, Oct. 12 - 75th anniv. of UN

KIR 04 €12.00

50 c Laptop

1208



KOREA, DEMOCRATIC PEOPLE'S REPUBLIC (DPRK)

1966, Nov. 30 - National defense sports

DPRK 01 €7.00

40 ch Teletype

742 747



1976, Mar. 12 - UIT

DPRK 02 €5.00

10 ch Teleprinter

1432

1532



1976, Apr. 12 - Lunochod, sheet

DPRK 03 perf. €1.10

imperf. €6.00

50 ch Robotic space probe

1462 B24A, B

1977, June 28 - Postal service

DPRK 04 €1.80

2 ch Postal saving

1597 1629



1978, June 15 - Seven years plan



Specimen

DPRK 05 €3.50
5 ch Control center 1722 1755

1980, Aug. 25 - 350th anniversary of J. Kepler

DPRK 06 €1.00
20 ch Kepler 1985 2044



DPRK 07 sheet €3.00
100 ch Kepler 1986 B82

DPRK 08 perf. sheet of 2 €7.50
imperf. sheet of 2 €10.00

20 ch, 100 ch Galilei, Kepler
1985a 2044-5

1981, Mar. 15 - 6th Korean Workers' Party Congress

DPRK 09 €2.00
10 ch Control center 2036 2108



1982, Feb. 1 - Progress

DPRK 10 €1.70
10 ch Control center 2143 2193

1983, Oct. 30 - WCY

DPRK 11 perf. €6.00 imperf. €9.00
80 ch Punch tape
2332 B153 (2403-5)



1984, Nov. 15 - Space exploration

DPRK 12 €2.50
80 ch Robotic space probe
2432 B190



1985, Nov. 9 - Intl. youth year

DPRK 13 €1.50
30 ch Control center 2536 2707

1996, June 24 - Labor Day, 50th anniv.

DPRK 14 €0.20
10 ch PC - industrial application
3554 3844



1999, May 8 - APTU

DPRK 15 €1.00
20 ch LCD screen 3861 4162

1999, June 10 - Space exploration, sheet



DPRK 16 €4.00
3 * 2 ch Robotic space probe, Galileo Galilei,
J. Kepler
3878 B428

----- Catalog by country K

1999, Aug. 17 - Powerful nation

DPRK 17 €0.40
40 ch PC
3903 4206



2000, May 5 - Year 2000



DPRK 18 €2.20
40 ch VDT
4033, A



yellow missing €30.00

4344, a

2002, May 2 - Science and technology



DPRK 19 €0.20 missing red colour €35.00
10 ch Person at computer
4198 4563



DPRK 19 proof €25.00



DPRK 19 colour proof €10.00

----- Catalog by country K

2003, Apr. 9 - Kim Jung, sheet

DPRK 20 €3.50
12 ch PC



4290 B546 (4639-41)

2006, Oct. 21 - Education



DPRK 21 €0.50
110 ch Person at PC
4645 5166 (B660)

sheet €1.30

2007, Feb. 28 - Annual joint editorial of state newspapers

DPRK 22 €0.80
3 ch Terminal

4659 5188



2008, Nov. 1 - Education

DPRK 23 €0.30
12 ch PC

5387

2008 - DVD stamps, Olympic games in Beijing

DPRK 24 €16.00
300 ch, 500 ch Compact
Disk
DPRK cat. #4505-A, B (b)



First test - the stamp (octagonal size) printed first and then stuck on the stamp (octagonal size). The envelope contains the inscription: *The first Digital Versatile Disk stamps of the world.* Were almost all destroyed, but some remained stored contraband.

Second test - the stamp (octagonal size) printed directly on the disk (round size). The envelope contains the inscription: *The first Compact Disc video stamps of the world.* Their release was interrupted because the stamp octagonal 'Stone' round disk.

Final issue - the octagonal form back while still other features of the second test. The envelope contains the inscription similar with the second test.

----- Catalog by country K

2009, Feb. 22 - Joint editorial, sheet
 DPRK 25 €10.00
 3+170 ch PC
 4817 5403-10 (B712)



2009, Aug. 29 - Intl. year of astronomy
 DPRK 26 perf. €3.00 imperf. 15.00
 95 w Galileo Galilei
 4866b 5470 (B726)



2009, Dec. 31 - Achievements in socialist construction



DPRK 27 perf. €4.80 imperf. €4.80
 20 w Numerical control
 5534 (B762)

2010, Feb. 20 - Communist propaganda



----- Catalog by country K

DPRK 28 perf. €4.50 imperf. €4.50
 57 w Control centre, numerical control (label)
 5562

2010, June 1 - 60th anniv. of the Intl. children's day



DPRK 29 €1.80
 95 w Laptop
 5600 (B769)

2010, June 20 - DPRK visit to PRC



DPRK 30 perf. €1.50 imperf. €1.50
 20 w, 35 w, 80 w Numerical control (label)
 5608-5610 (B772)

2018, Dec. 25 - Pyongyang Middle School for orphans



DPRK 31-32 €5.00
 10 w, 30 w Laptop
 6533 (B995), 6535 (B996)

----- Catalog by country K



KOREA, SOUTH

1965, Sept. 28 - Telegraph service

SK 01 €3.50
3 W Punch tape
481 503



1975, Nov. 30 - Asian Parliamentary Union

SK 02 €0.50
20 W Computer graphics
1000 1018



1977, May 8 - 25th anniv. of Korean Veterans' Day

SK 03 €0.70
20 W Mobius strip 1061 1081

1980, Nov. 28 - Sea cable

SK 04 €0.50
30 W Punch tape 1231 1225

1982, Jan. 4 - Telecommunications

SK 05 €0.70
60 W Magnetic tape unit, VDT, printed circuit
1286 1272



1983, July 4 - Science and technology symposium

SK 06 €0.70
70 W MIC 1346 1328

1983, Oct. 31 - Technology

SK 07 €0.50
70 W Year in MICRO (computer graphics)
1353 1348

----- Catalog by country K

1983, Nov. 6-National tuberculosis association, 30th anniv.

SK 08 €0.50
70 W Computer graphics
1354 1349



1988, June 1 - Telepress

SK 09 €0.80
80 W VDT, digitizing drawing board
1510 1562

1989, June 1 - Information in month

SK 10 €0.70
80 W PC 1536 1591

1990, Apr. 21 - Cheju-Kohung fiber optic submarine cable

SK 11 €0.60
80 W FO 1574 1616



1990, July 7 - Postal service

SK 12 €0.60 s/s €2.00
100 W Letter sorting 1595 1628

1991, Oct. 7 - Telecom '91

SK 13 €0.60
100 W MIC 1656 1687



1993, May 27 - Student inventors

SK 14 €0.60 booklet €3.50
110 W Terminal 1693 1743

----- Catalog by country K



Booklet

1994, Nov. 29 - Seoul becomes Korea's capital, 600th anniv.

SK 15 €0.50
130 W Computer graphics
1798 1821



1995, Apr. 7 - Hanare research reactor

SK 16 €0.50
130 W Monitor 1807 1834



1996, Feb. 8 - China-Korea submarine fiber optic cable system

SK 17 €2.00
420 W FO 1863 1873

1998, June 1 - Information culture



SK 18 €3.00
340 W Computer 1934d 1980

2000, Apr. 22 - Cyber Korea 21 technology



SK 19 €0.60
170 W Mouse, @-symbol, magnetic tape
2022 2089

2001, Jan. 2 - Millennium - vision of the future

SK 20 €5.00 sheet €6.50
6 * 170 W Binary code, LCD screen, @-symbol, URL
1977, 1977d B691 (2147-52)

----- Catalog by country K



2001, May 4 - Comics (VII)



SK 21 €1.00
170 W Computer 2054a B695

2001, Oct. 9 - YDAC

SK 22 €0.70
170 W Keyboard
2064 2208



2002, Jan. 15 - Definitive, priority mail - public transportation

SK 23 €6.55
280 W, 310 W, 1380 W, 1410 W Binary code
2069-72 2220-3



2002, Jan. 15 - Greeting stamps

SK 24 €3.00
4*190 W URL
2073, 2073A, 2074, 2074A 2226-9
Labels could be personalized.

----- Catalog by country K

2003, Jan. 1-Definitive, priority mail type 2002 - public transportation

SK 25 €10.00

1580 W, 1610 W Binary code

2113-4 2327-8



2003, July 1-Definitive, priority mail type 2002 - public transportation

SK 26 €1.40

420 W Binary code 2127 2360

2005, Apr. 22 - Communication

SK 27 €0.90

220 W Notebook

2172 2463



2006, Mar. 15 - Export industry



SK 28-30 €5.00 sheetlet €20.00

220 W Microchip

220 W LCD screen

200 W Robot

2219 2507, 2509-10

2006, Apr. 26 - A ubiquitous world



SK 31 €0.80

220 W Laptop, cyberspace

2221 2516

----- Catalog by country K

2006, Nov. 9 - On line games special, booklet



SK 32 €3.95

10 * 250 W Internet, video-games

2234 2543-52

2007, Apr. 20 - Internet culture



SK 33-34 €1.20

250 W LCD monitor

250 W Monitor

2252-3 2590-1

2008, Feb. 25 - The inauguration of the 17th President



SK 35 €0.40 block €0.40

250 W Laptop

2271, a 2630 (B736)

2008, Apr. 22 - Mailbox of the future

SK 36 €0.85

250 W PC 2274 2640



2008, June 17 - OECD meeting on Internet economy

SK 37 €0.35

250 W e-mail, binary code

2282 2647

----- Catalog by country K

2011, Oct. 28 - The 50th anniv. Korea - Australia diplomatic ties



SK 38 €14.00
16 * 270 W QR - code
2846-7

2011, Dec. 7 - Korea's achievement

SK 39 €0.70
270 W Microprocessor, LCD screen
2853



2013, Oct. 17 - Seoul conference on cyberspace
SK 40 €0.80 sheetlet €16.00
300 W Mouse, monitor, encryption protection
2951



KOSOVO

2007, Apr. 23 - Disabled persons convention



KOS 01 €8.00
€0.50 e-mail
64-7, 67a
sheet €12.00
65, B5

----- Catalog by country K

2008, Oct. 9 - Europe, the letter



perforation error (double) €75.00
KOS 02 perf. €4.50 imperf. €28.00
sheet: perf. €12.00 imperf. €38.00
€1 e-mail
103, B9



KUWAIT

1977, May 17 - WCY

KUW 01 €2.80
30 f, 80 f Printed circuit 721-2 739-40



1979, May 17 - WCD

KUW 02 €1.40
30 f, 80 f Monitor 790-1 832-3

2001, Oct. 9 - YDAC

KUW 03 €3.00
25 f, 50 f, 150 f Keyboard 1513-5 1710-2



2010, Apr. 20 - E-gate

KUW 04 €2.00
25 f, 50 f, 150 f Keyboard 1974-6

----- Catalog by country K

KYRGYZSTAN



2001, Apr. 14 - YDAC

KYZ 01 €1.00
10 S Keyboard
159 231

2002 - Merry Christmas

KYZ 02
20 S PC



Kyrgyzstan postal officials have declared as not authentic and not valid this stamp issue.

2005, Sept. 10 - WSIS

KYZ 03 €0.50
3.60 S IT 270 443



2016, Mar. 12 - 25 years of the Regional Commonwealth in the field of communication (RCC)

KYZ 04 perf. €3.00 imperf. €7.00
perf. sheetlet €30.00 imperf. sheetlet €70.00
55.00 S Laptop 853A, 853B

2020, Dec. 14 - The anniv. of great personalities



KYZ 05 €1.20 block €5.00
4 * 100 S QR - code, URL

----- Catalog by country L

LAOS



1965, June 15 - ITU, centenary

LAO 01 €0.50 block €3.60
5 k Punch tape
109, 111a 160, B37



1979, Jan. 18 - WCD, 1978

LAO 02 perf. €2.20 imperf. €7.50
30 k, 250 k Printed circuit
304-5 472-3

1982, Dec. 16 - WCD, overprint red or black



LAO 03 €350.00
30 k, 250 k Printed circuit
426P, 426Pa, 426W 610, 617

1983, Dec. 15 - WCY



LAO 04-05 €2.30
0.50 k Teletype 505,8 694,7
6 k Punch tape

1984, July 12 - Space exploration



LAO 06-07 €3.75
2 k Kepler 3 k Robotic space probe
580-1 767-8

----- Catalog by country L

1984, Sept. 29 - Stop polio campaign

LAO 08 €2.10

5 k, 6 k MIC

599-600 788-9



1985 - WCD, overprint red

LAO 09 €75.00

250 k Printed circuit 676K 811

1986, Aug. 22 - Halley's comet



LAO 10 €3.00

4 k Galileo Galilei

731 940

2004, July 5 - 11th Asian meeting



LAO 11 €1.90

5000 k Woman at computer

1624 1922



----- Catalog by country L



LATVIA

1932, Dec. 7 - Aviation accidents



LV 01 perf. €25.00

imperf. €120.00

10+50 s Leonardo da Vinci

CB10, a 211, B

1994, May 3 - Klussendorf vending machine

LV 02 €1.50

0.05, 0.10, 0.12 CVP

A1



1994, Oct. 29 - Europe CEPT

LV 03 €3.50

50 s Money card - Magnetic strip
380 377



LEBANON

1971, Mar. 25 - Development

LEB 01 €0.30

25 p Printed circuit

C630 1118



1971, Apr. 30 - Intl. education year

LEB 02 €0.80

10 p, 40 p Punch card

C624-5 1130-1

Toshiba Optical Character Recognition (OCR). The fluorescent barcode sequence for the destination of IASI (Romania) is: 5-2-10 (ex. Florin Patapie - Raicu collection).

----- Catalog by country L

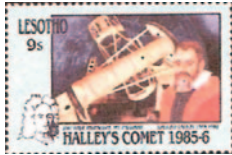


LESOTHO

1986, Apr. 5 - Halley's comet

LST 01 €0.70

9 s Galileo Galilei 526 570



2001, Aug. 20 - UNHCR, 50th anniv.

LST 02 €2.60

2.10 m IT 1293 1785



LIBERIA

1999, Oct. 12 - Millennium, science and technique in China

LBR 01 €5.00

\$5 Abacus 2509



2000, Aug. 14 - Classic cars



LBR 02 €13.00

2 * \$10 Y2K 2924-5 (B263-4)

----- Catalog by country L

2006, Sept. 22 - Millennium development goal

LBR 03 €13.00

\$10 PC

2423 5195



2011, June 30 - Liberian export (chocolate), sheet



LBR 04 €16.00

9 * \$ 30 QR-code

5894-5902

2011, June 30 - Liberian export (chocolate), sheet



LBR 05 €12.00

sheet €45.00

15* \$ 50 QR-code

6675-8

Sites about computer related stamps:

<http://wvgeter.hivemind.net>

<http://www.vandenhoute.net>

<http://www.computer-stamps.com>

<http://www.philatelica.ro>

<http://www.dpsworkshop.com>

<http://www.eryx.it/dentelli/internet.htm>

----- Catalog by country L

LIBYA

1977, May 17 - ITU

LIB 01 €4.50

60, 115, 200 d Printed circuit

671-3 588-90



1979, Apr. 7 - Medical services

LIB 02 €0.50

40 d Video terminal 820 727

1980, Sept. 1 - Achievement of the Revolution

LIB 03 €1.00

40 d Magnetic tape unit

905 839



1984, Apr. 7 - World health day

LIB 04 €1.20

20 d, 30 d, 40 d MIC

1191-3 1329-31

1984, May 15- Postal and Telecommunications Union Congress



LIB 05 €0.60

50 Terminal, control

center

1195b 1339

1995, Sept. 1 - Revolution, 26th anniv.

LIB 06 €20.00

100 dh Keyboard 1508g 2139



1996, Nov. 20 - Press and information

LIB 07-08 €3.00

100 dh PC, floppy disk 200 dh Control center

1555-6 2373-4

----- Catalog by country L

1997, Aug. 10 - Arab Natl. Central Library



LIB 09 €5.00

1 D PC

1584 B145

1997, Sept. 1 - Revolution, 28th anniv.



LIB 10 €5.50

500 dh PC

1587 B146

1998, June 23 - World book day



LIB 11 €9.00

100 d Teletype, magnetic tape unit

1615p 2583

1999, Sept. 8 - Extraordinary session of OAU assembly of Heads of States and Government



LIB 11a m/s €12.00

300 d Computer tomograph

2687-92

----- Catalog by country L

2002, Sept. 1 - Revolution, 33rd anniv.

LIB 12 €13.00 booklet €15.00
100 d PC 1667j, q 2824/911



2005, July 29 - 1st communication and IT exhibition

LIB 13 €1.50 imperf. sheet €2.50
750 d IT 2873, 2874 (B169)
1686-7

2007, May 27- 3rd communication and IT exhibition

LIB 14 €4.50 1704 2898
750 d PC



2007, Sept. 1 - Revolution, 38th anniv.

LIB 15 €4.50 sheet €5.50
1000 d Keyboard, LED circuit
1711, a 2908, B172

2008, May 25 - 4th communication and IT exhibition

LIB 16 €7.50 2920
1000 d Printed circuit



2008, Sept. 11 - Mobile phone

LIB 17 €5.00 2924
750 d Keyboard

----- Catalog by country L

2009, Apr. 30 - 5th communication and IT exhibition



LIB 18 €1.50 2831
500 d IT



LIECHTENSTEIN

1948, Apr. 6 - Air pioneers



LIE 01 perf. €1.00 imperf. €4,800.00
sheet of 9 €20.00
10 rp Leonardo da Vinci
C24 257

1971, Dec. 9 - Olympic winter games

LIE 02 €3.50
15, 40, 65, 150 MIC- font
492-5 551-4



1972, Mar. 16 - Olympic Games Munich

LIE 03 €1.80
10, 20, 40, 60 MIC- font
496-9 556-9

1988, Mar. 7 - Europe CEPT

LIE 04 €2.00
50, 90 Computer design
881-2 937-8

----- Catalog by country L

1991, Dec. 2 - Olympic winter games Albertville
 LIE 05 €3.60
 70 R PC 973 1030



1998, Dec. 7- Telephone centenary

LIE 06 €3.50
 2.80 CHF Printed circuit 1135 1189

2001, Mar. 5 - European council

LIE 07 €2.40
 1.80 CHF Pixel design 1200 1256

2006, Nov. 20 - Tehnical innovations

LIE 08 €1.70 m/s €34.00
 1.30 CHF Curta calculator
 1363 1431

2009, Mar. 2 - Postal service

LIE 09 €3.40
 1.30 CHF Sorting 1436 1508



2011, Mar. 14 - 150 years of the Liechtenstein Landesbank

LIE 10 €1.50
 1.00 CHF QR-code (matrix barcode)
 1580

2014, Mar. 10 - 175th birthday of J.G. Rheinberger



LIE 11 €3.60
 1.40 CHF AR-code 1707



----- Catalog by country L



LITHUANIA

2008, May 3 - Europe CEPT

LIT 01 €3.60
 2.45 Lt e-mail 866 971



2009, Apr. 25 - Europe CEPT

LIT 02 €3.00
 2.45 Lt Galileo Galilei 892 1007

2015, Oct. 24 - IT

LIT 03 €1.90
 0.84 € Binary code
 1200



LUXEMBOURG

1969, Sept. 8 - Benelux anniv.

LUX 01 €0.50
 3 F Mobius strip 480 793



1988, June 6 - Europe CEPT

LUX 02-03 €2.50
 12 F Automatic sorting
 20 F Microchip
 786-7 1199-1200

----- Catalog by country L

1989, May 8 - Council of Europe

LUX 04 €0.70
12 F LED circuit

808 1222



1991, May 13 - Europe space explorations

LUX 05 €20.00
14 F, 18 F LCD characters
851-2 1271-2

1999, Sept. 21 - Information period



LUX 06 €6.00
20 F IT
1018 1482

2002, Oct. 19 - The house of quest

LUX 07 €1.50
A @-symbol

1102 1591



2003, Mar. 18 - Official Journal

LUX 08 €1.50
€0.52 CD, @-symbol

1104 1598

2006, May 16 - Europe CEPT

LUX 09 €2.00
€0.50, €0.70 LCD screen
1189-90 1709-10



2009, May 12 - Promoting research

LUX 10 €0.80
A URL

1267 1837

2009, May 12 - Europe CEPT

LUX 11 €1.80
€0.70 Galilei

1270 1832

----- Catalog by country L

2009, Dec. 1 - From Gutenberg to the Internet

LUX 12-13 €2.10
€0.50 Pixel
€0.70 Internet
1282-3 1850-1



2011, Mar. 15 - 50th anniversary of Amnesty International

LUX 14 €1.20
€0.60 Internet, @ - symbol
1901

2011, Mar. 15 - European year of volunteering

LUX 15 €1.20
A URL

1903



2011, Dec. 6 - 100 years of postcheque

LUX 16 €1.20
€0.60 Money card - chip
1925

2013, May 2 - 15th Games of small states of Europe



LUX 17 €2.40 sheet €12.00
2 * €0.60 QR-code, Robot, URL
1967-8

2019, May 7 - Europe: Native birds



LUX 18 €4.20 sheetlet €42.00
€0.80, €1.05 CEE-App
2201-2



**MACEDONIA,
REPUBLIC OF NORTH ~**

1992, Mar. 1 - Anti-cancer week



MK 01 €3.20
5 d MRI scanner
RA5a 6A-9A

MK 01 block of 4: perf. €9.00 imperf. €9.00
RA9a ZB1A, B

MK 01 sheet of 3 €10.00
RA9b

1993, Mar. 1 - Cancer therapy type 1992



MK 02 €0.50
block of 4: perf. €3.00 imperf. €3.00
20 d Electronic scanner
RA31a I-IV

1999, Apr. 22 - Telegraphy in Macedonia, cent.



MK 03 €0.50
5 d Perf. tape, telegraphy
155 159

2001, Oct. 9 - YDAC

MK 04 €1.70
36 d Keyboard
227 239



2002, Apr. 15 - 550th anniv. Leonardo da Vinci

MK 05 €1.00
36 d Portrait 240 252



2004, Oct. 16 - WSI3

MK 06 €1.40
36 d Binary code 318 335



**MADAGASCAR
(MALAGASY REPUBLIC)**

1976, May 13 - Centenary of first telephone



MDG 01 €3.60
500 Fmg Printed circuit
558 B12

1976, July 17 - Viking mission

MDG 02 perf. €4.00 imperf. €12.00
200 Fmg Robotic space probe
568 816



1979, Dec. 12 - 20th anniv. ASCENA

MDG 03 €0.50
50 Fmg CAD 601 856

1987, July 27 - Telecommunications

MDG 04 €0.40
60 Fmg PC, robot, paper printer
821 1078



1989, Aug. 29 - Viking on Mars

MDG 05 €1.40
270 Fmg Robotic space probe
932 1214

1989, Dec. 12 - World Cup Soccer Championships, sheet

MDG 06 €5.00
3000 Fmg Leonardo da Vinci (statue)
949 B117



1990, June 28 - Campaign against polio

MDG 07 €0.30
150 Fmg MIC 981 1256

1993, Mar. 11- Nobel Prize winners



MDG 08-09 €10.00
500 Fmg Shockley
500 Fmg Edison
1132e,f 1434-5

1993, Apr. 27 - Inventors and inventions

MDG 10-12 perf €10.00 imperf €32.00
500 Fmg Edison
500 Fmg Mauchley and Eckert-Eniac
500 Fmg Arthur Shawlow
1100h, o, p 1485, 1492-3



1995, Oct. 24 - UN, 50th anniversary

MDG 13 €35.00
140 Fmg PC 1327 1788

1999, Dec. 30 - Space achievements



MDG 14 €9.00
7500 Fmg Robotic space probe
1462a 2388



2001, Oct. 9 - YDAC

MDG 15 €2.40
3500 Fmg Keyboard
1553 2580



MALAWI

1967, Sept. 1 - Postage due

MLW 01 €2.30
1 p, 2p, 4 p, 6 p, 8 p, 1 sh CAD
J1-6 P1-6



1971, Feb. 15 - Postage due

MLW 02 €2.30
2 t, 4 t, 6 t, 8 t, 10 t CAD
J7-11 T7-11

----- **Catalog by country M**

1975, Sept. 15 - Postage due, redrawn
 MLW 03 €2.00
 2 t CAD J12 T12

1977, Oct. 19 - Postage due
 MLW 04 €17.40
 2 t, 4 t, 10 t CAD
 J13-4, J16 T13-4, T16

1978, Dec. 15 - Postage due
 MLW 05 €2.60
 8 t CAD J15 T15

1982 - Postage due, has accent mark over «W»
 MLW 06 €0.80
 2 t (dark brown) CAD
 J12a T12B

1982, June 14 - Postage due, sideways
 MLW 07 €2.40
 2 t, 4 t, 10 t CAD
 J13a-4a, J16a T17-9

1984, Sept. - Postage due, sideways, perf. 14
 MLW 08 €3.20
 6 t CAD T20

1989 - Postage due, perf. 15x14, size 18 x 20 ½
 MLW 09 €f.p.
 2 t, 4 t, 6 t, 10 t CAD
 J13b-4b, J15a, J16b

2008 - 25th anniv. of the creation of Internet (TCP/IP)



MLW 10 €2.75
 2 x K 150 Internet

This issue is not included in WADP Numbering System (WNS)

2008 - Great scientists



MLW 11-12 €3.50
 K 100 C. Babbage



K 100 G. Galilei

This issue is not included in WADP Numbering System (WNS)

----- **Catalog by country M**



MALAYSIA

1979, Sept. 20 - TELECOM '79

MLY 01 €2.80
 50 c Terminal
 203 207



1984, Oct. 29 - Post office



MLY 02-04 €2.30

15 c Fax

20 c MIC

\$1 Letter sorting (conversion of voice into digital data recognized by the computer)

283-5 286-8

1986, Nov. 3 - Industrial productivity



MLY 05-06 €4.50

40 c Adding machine

\$1 Terminal

344-5 345-6

1990, Sept. 8 - Intl. literacy year

MLY 06a perf. 12 ¼ €1.60

perf. 13 ¼ : 12 ¾ €20.00

20 c Sign languages

428, a 433A, C



1994, Dec. 16 - National Library

MLY 07 €2.20

50 c PC

526

547

----- Catalog by country M

1995, May 29 - X-ray

MLY 08 €1.30

30 c CAT - computer axial tomography
547a 562



1998, June 27 - Kuala Lumpur Intl. Airport

MLY 09 perf. 12 €2.20

perf. 12 ½ €13.00

30 c, 50 c, \$1, \$2 MIC

659-62, 659a, 661a 691-3

1998, Nov. 3 - APEC Conference

MLY 10 perf. 14 ¼ €4.00

perf. 13 ¾ €0.60

\$1 PC

680, a 719A, C



1999, Sept. 9 - TNB anniversary

MLY 11 €1.90

50 s Computer operators, control center

734 791A

1999, Dec. 18 - 125 years UPU



MLY 12-13 perf. 14 ¼ €9.50

perf. 13 ¾ €2.50

20 s PC

30 s, 50 s, \$1 MIC

753-6 831-4

2000, Jan. 1-Millennium



MLY 14 €4.00

30 s Man at terminal

764i, k 854

----- Catalog by country M

2000, Mar. 7 - Global knowledge conference



MLY 15-18 perf. 14 ¼ €14.20

perf. 13 ¾ €19.00

2 * 30 s, 2 * 50 s Computer design

775a, b, 776a, b 879A, C 880A, C



2000, June 26 - Foreign Ministers conference

MLY 19 €2.00

30 s Microchip, printed circuit

788a 905



2000, July 5 - Population and housing census



MLY 20-21 perf.: 14 ¼ €2.00, perf. 13 ¾ €18.00

30 s Terminal

30 s Printed circuit

789b, 789d 911, 913

2000, Sept. 14 - Rida Mara

MLY 22 €1.10

1 RM Mouse, diskettes 810-2 962A



2001, Oct. 1-Employees' Provident Fund, 50th anniv.

MLY 23 €1.10

30 s, 50 s, 1 RM Printed circuit

846-8 1062-4

----- Catalog by country M

2001, Oct. 18 - Forestry dept. cent.

MLY 24 €0.50
30 s Computer graphics
849 1065



2002, Sept. 17 - Golden jubilee

MLY 25 perf.: 13 ¼ : 13 ½ €0.80
12 ¼ : 12 €7.00

50 s Typewriter
897a 1139A, C

2003, Oct. 11 - World children day



MLY 26 perf.: 12 ¼ €0.30, 12 ¾ : 13 €0.30

30 s PC
948, 949c 1228XA, XC

2004, July 1 - Multimedia super corridor



MLY 27-28 €1.80

50 s Binary code
1 RM PC, notebook, microchip, ID card
978-9 1259-60

2006, June 2 - Ulang Tahun

MLY 29 €0.90
1 RM Laptop, PDA - translator
1096 1393



2009, Aug. 31 - Malaysia is number 1 (I), booklet

MLY 30 €4.00
30c Laptop
1263, 1264a 1674C

----- Catalog by country M

2010, Nov. 10 - Malaysia is number 1 (IV)

MLY 31 €1.00
30 s Binary code, mouse, printed circuit
1328 1810



2012, Feb. 27 - Yes to life, no to drugs

MLY 32 €2.20
60 s Laptop 1925

2013, Mar. 26 - National unity (3rd series)

MLY 33 €2.40 sheetlet €16.50
60 s Laptop 1452 2033



2015, May 17 - 150th anniversary of ITU

MLY 34 €2.10 sheetlet €45.00
80 s LCD screen (smartphone)
1249 2194

2016, Aug. 23 - Flora & Fauna in Malaysia

MLY 35 sheet €4.00
30 s, 2 * 50 s, 60 s, 70 s, 80 s QR - code
2266-2272



MLY 36 perf. block €4.50 imperf. block €36.00
2 RM QR - code B214A, B214B

----- Catalog by country M

2020, Nov. 5 - WPD



MLY 37 €4.80
1.30 RM ATM

sheetlet €25.00
2576



MALDIVES ISLANDS

1976, Mar. 10 - Centenary of first telephone

MLV 01 €6.00
1 L Edison

631 651



1976, Dec. 2 - Viking US Mars mission

MLV 02 perf. €2.60 imperf. €8.00
5 R Robotic space probe
660 678



MLV 03 perf. €6.00 imperf. €12.00
20 R Robotic space probe
661 B41

1977, May 17 - Telecommunications

MLV 04 €0.10
10 L Printed circuit

678 698



1983, Oct. 9 - WCY

MLV 05 €6.00
10 R Control center

1000 1021

----- Catalog by country M

1984, Nov. 26 - Walt Disney anniv. of Donald Duck



MLV 06 €9.00
10 L Robot

1043 1076

1988, Jan. 10 - Scientists

MLV 07 €9.00
5 R Galileo Galilei

1271 1282



1995, Aug. 24 - World Conference on Women, Beijing

MLV 08 €
30 L Women at PC 2094A

2000, Aug. 31 - Millennium

MLV 09-11 €7.00
1 R PC - health services
7 R PC - airport 10 R PC - education
2448, 2450-1 3464, 3466-7



2002, Aug. 12 - World customs organization, 50th anniv.

MLV 12 €12.00
50 R Printed circuit, binary code
2642 B523 (3980)

2015, Dec. 16 - Rotary international

MLV 13 €11.00
22 R PC
3541 6148



----- Catalog by country M



MALI

1965, May 17 - ITU centenary

MA 01 €1.75
30 F Perf. tape, telegraphy
75 106



1971, Aug. 16 - Pan-African telecommunication system

MA 02 €0.60
50 F Communication network
161 285

1972, June 5 - Cent. of the death of the inventor of the telegraph

MA 03 €0.60
80 F Perf. tape, telegraphy 173 327



1976, Dec. 18 - US Mars mission

MA 04 perf. €5.00 imperf. €10.00
1000 F Robotic space probe
C294 566



MA 05 sheet: perf. €6.50 imperf. €10.00
1000 F Robotic space probe
C294a B9 (567-8)

----- Catalog by country M

1977, May 17 - WCD

MA 06 perf. €0.45 imperf. €20.00
120 F Printed circuit 279 584

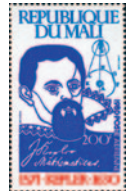


1977, Sep. 5 - Leonardo da Vinci

MA 07 €3.20
500 F Portrait 291 603

1979, Dec. 27 - Ascena, 20th anniv.

MA 08 €1.00
120 F Pixel C375 740



1980, Apr. 7 - Solar system

MA 09 €3.40
200 F J. Kepler C388 769

1983, May 17 - WCY

MA 10 perf. €0.80 imperf. €1.50
180 F LCD characters 475 964



1985, June 24 - PhilexAfrica

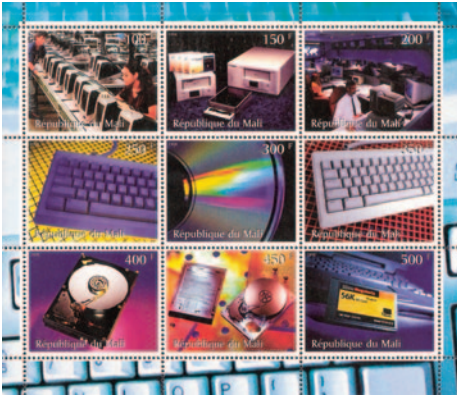
MA 11 perf. €4.50 imperf. €6.00
250 F Mainframe 528 1056

1994, May 23 - Motion picture, sheet



MA 12 perf. €10.00 imperf. €8.00
500 F Robotics 697 B57 (1242)

1998 - 20th cent.



MA 13 €f.p.
100 F ... 500 F PC parts
The Malian Government declared that sheet illegal.



2005, Aug. 18 - WSIS

MA 14 €f.p.
195 F, 255 F, 385 F IT
1138-40 2614-6

2011 - Science, Steve Jobs



MA 15 €2.50
1800 F Steve Jobs



MALTA

1958, Feb. 15- Technical education on Malta
MAT 01 €1.00
1 sh Vacuum tube 268 259



1975, May 30 - Women year
MAT 02 €2.50
3 c, 20 c Electromechanical calculator
492,494 509, 511

1988, Apr. 9 - Europe CEPT
MAT 03 €2.60
35 c Display 719 795

1991, Mar. 16 - Europe CEPT
MAT 04 €0.50
10 c Display 769 854



1995, June 15 - Electricity and telecommunications
MAT 05 €0.20
5 c Binary code 863 960

1999, Dec. 10 - Republic anniv.
MAT 06 €3.30
26 c PC 997 1113



2005 - Definitives - flowers, perf. 14%
MAT 07 €3.50
16 c URL 1102IIC



2009, May 9 - Europe CEPT
MAT 08 €2.50
€0.37 Galilei 1385 1594

----- Catalog by country M



MARSHALL ISLANDS

1985, Aug. 31 - Intl. youth year

MAR 01 €2.10

22 c Magnetic tape

79

55



1997, Apr. 15 - 20th century (1900 - 1909)

MAR 02 €15.00

60 c Perf. tape, telegraphy

627f 808

1998, Nov. 16 - 20th century (1940-1949)



MAR 03-04 €15.00

60 c ENIAC computer

60 c W. Shockley, J. Bardeen, W. Brattain - inventors of transistor

679j, n 1079, 1083

1998, Mar. 15 - 20th century (1950-1959)

MAR 05 €16.00

60 c Microchip - Kelby

702o 1169



1999, Nov. 15 - 20th century (1970-1979)



MAR 06-08 €16.00

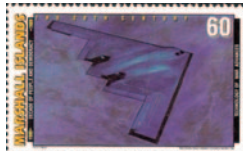
60 c APPLE II microcomputer

60 c CAT (RMH) 60 c CD

723j, k, n 1248-9, 1252

----- Catalog by country M

2000, Jan. 15 - 20th century (1980-1989)



MAR 09-10 €18.00

60 c IBM PC

60 c Technology of war advances

726d, k 1259, 1266

Misplaced perforation
(ex. Wobbe Vegter collection)



2000, Mar. 15 - 20th century (1990-1999)

MAR 11 €18.00

60 c URL

730d

1306



2001, May 2 - Stamp day

MAR 12 €1.00

34 c On line catalog, URL

780 1466

2017, Aug. 4 - Paul Calle series: Computer age dawns

MAR 13 €22.00

49 c Computer

3886



MAURITANIA

1972, May 17 - WCD

MAU 01 €0.60

35 F Perf. tape, telegraphy

294 435

----- Catalog by country M

1977, Feb. 28 - Viking mission



MAU 02-03 perf. €5.50 imperf. €22.00
 10 UM Space control center
 50 UM, 60 UM Robotic space probe
 352, C174-5 552, 555-6

MAU 04 sheet €3.50
 100 UM Robotic space probe
 C176 B16 (557)

1979, Oct. 24 - Apollo 11 moon landing, 10th anniv., silver overprint

MAU 05-06 €5.00
 10 UM Space control center
 50 UM, 60 UM Robotic space probe
 425, C193-4 646, 649-50

MAU 07 sheet €7.50
 100 UM Robotic space probe
 C195 B25 (651)



1979 - Apollo 11 moon landing, 10th anniv., red overprint

MAU 08-09 €f.p. MAU 10 sheet €f.p.
 10 UM Space control center
 50 UM, 60 UM, 100UM Robotic space probe

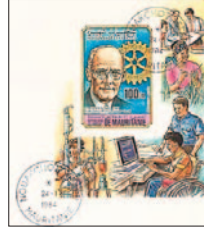
1979, July 20 - 10th anniv. of Apollo 11 Moon landing, imperf. roulette

MAS 03 €4.20
 20 c, 3 Rs, 5 Rs MIC
 483 477-9

----- Catalog by country M

1984, Jan. 20 - Famous persons

MAU 11 perf. €7.50 imperf. €11.00
 100 UM VDT C219 809



2000, Dec. 10 - Education

MAU 12 €3.00
 50 UM Man with tablet, women at PC
 739 1051

2005, Nov. 16 - WSIS

MAU 13 €4.50
 100 UM, 370 UM IT 780-1 1137-8



2016, Jan. 1 - African Hub shop

MAU 14 €10.00
 370 UM URL 1240



MAURITIUS

1970, Oct. 24 - UN silver jubilee

MAS 01 €0.60
 10 c, 60 c Abacus
 374-5 371-2

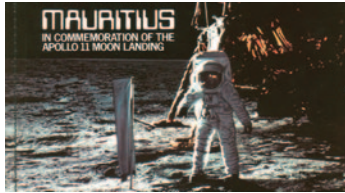


1974, Dec. 4 - Centenary of UPU

MAS 02 €1.40
 15 c, 1 Rs MIC
 409-10 401-2



----- Catalog by country M



MAS 03 booklet with s-a €6.50
483d,e C477

1993, Mar. 12 - National day

MAS 04 €3.00
40 c PC, Windows software, chart
765 756



2000, Jan. 25 - Chamber of commerce

MAS 05 €3.50
2 Rs Microchip
895 892



2001, Jan. 10 - Textile industry

MAS 06 €4.00
3 Rs Computer aided machinery
927 924

2002, Mar. 12 - The Stock Exchange of Mauritius

MAS 07 €2.50
4 Rs Keyboard



949 946



2004, Aug. 16 - 24th SADC summit

MAS 08 €4.40
2 Rs, 50 Rs Computer
991-2 988-9

----- Catalog by country M

2005, July 14 - Postal services

MAS 09 €2.30
2 Rs PC, digital scale 1005 1002



2007, Oct. 9 - 24th UPU congress

MAS 10 €2.70
50 Rs LCD monitor 1046 1044

2012, Sept. 10 - Customs



MAS 11 €4.80
8 Rs Scanner

1122



MEXICO

1934 - Messenger with quipu

MEX 01 €0.50
10 c Quipu E3 670



1939, Oct. 2 - Census

MEX 02 €0.90
40 c Counting on fingers
C101 779X

1970, Jan. 26 - Census

MEX 03 €0.70
20 c, 40 c Dot printing
1024-5 1323-4

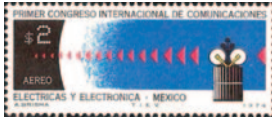


1971, Feb. 27 - Luna 69

MEX 04-05 €1.90
\$2 Galileo Galilei, J. Kepler
C378-9 1337-8

----- Catalog by country M

1974, Oct. 4 - First international congress of electric and electronic communications



MEX 06 €0.30
\$2 LED circuit C432 1428

1976, Oct. 28 - National Polytechnic

MEX 07 €0.40
40 c Printout 1152 1539



1979, Oct. 14 - Industrial design congress

MEX 08 €0.40
1.60 P Display C617 1649

1979, Nov. 1 - Export (type 1975)

MEX 09 €0.20
50 c Printed circuit C594 1678



1981, Oct. 18 - 50th death anniv. of Edison

MEX 10 €0.40
4 P Edison 1255 1768

1984 - Export (type 1975)

MEX 11 €2.00
400 P Printed circuit 1137 1806

1985, June 17 - Satellite Morelos



MEX 12-13 €1.30
22 P Terminal
36 P Magnetic tape units
1386-7 1933-4

----- Catalog by country M



MEX 14 sheet €3.60
100 P Terminal & magnetic tape unit
1389 B29

1989, Feb. 10 - Export (type 1975)

MEX 15 normal paper €0.60
transparent paper €2.20

450 P Printed circuit
1585 2117x, z

1989, May 28 - Formula 1 race

MEX 16 €0.70
450 P Computer graphics
1612 2129

1991, Feb. 11 - National Consumers Institute, 15th anniv.

MEX 17 €1.20
1000 P Abacus 1684 2203



1991, June 11 - Integrated communications and transportation systems (SCT)

MEX 18 €1.50
1000 P LCD screen 1694 2218

1992, Oct. 5 - 50th anniversary radio and television



MEX 19 €1.40
\$1 LCD characters 1758 2321

----- **Catalog by country M**

1995, Dec. 20 - CONACYT

MEX 20 €1.30
 N\$1.80 Robot hand
 1951 2535



1997, Oct. 9 - WPD



MEX 20A strip of 10 €34.00
 full microprinting text across top
 10 * \$3.40 Apple computer, Romo printing Co.
 2655

1999, Mar. 8 - Women's day

MEX 21 €1.40
 \$4.20 e-mail, homepage
 2113 2776



1999, Dec. 15 - 20th century -education, sheet



MEX 22 €6.50
 \$4.20 PC 2177 B49 (2818-22)

2000, Mar. 16 - 20th century - people writing at computer, sheet



MEX 23 €4.50
 \$10 PC, Internet 2181 B51 (2830)

----- **Catalog by country M**

2000, Mar. 24 - Universities association

MEX 24 €1.10
 \$3 Keyboard 2182 2831



2000, May 25 - TELMIN-4

MEX 25 €1.60
 \$4.20 IT 2188 2838

2000, Oct. 24 - 20th century - health, sheet



MEX 26 €12.00
 \$4.20 + 4 * \$3 PC, Internet
 2192 B55 (2871-5)

2000, Dec. 20 - 20th century - commercial development and industrialization, sheet



MEX 27 €7.50
 \$4.20 + 4 * \$3 VDT
 2195 B59 (2902-6)

2000, Dec. 21 - 20th century communications and transportations

MEX 28 €7.50
 \$4.20 + 4 * \$3 PC
 2196 B60 (2907-11)



2000, Aug. 20 - Hanover 2000



MEX 29 €7.00
\$2 Person at computer
2200 2851-61

2000, Nov. 11 - 150th anniv. of telegraphy in Mexico

MEX 30 €1.90
\$3 Perf. tape, telegraphy
2212 2883



2001, Oct. 9 - YDAC

MEX 31 €1.40
\$3.00 Keyboard 2239 2935

2001, Dec. 4 - Fund for indigenous people's health and education - FESIN, sheet

MEX 32 €1.40
\$3.00 VDT - LCD technology
2246 B62 (2944)



2001, Dec. 4 - National scholarship fund - FONABEC, sheet



MEX 33 €2.50
\$3.00 PC 2247 B63 (2945)

2002, Nov. 21 - IT

MEX 34 €2.30
\$6 @-symbol, binary code
2300 3010



2003, June 5 - Satellite Internet network

MEX 35 €2.00
\$6 Internet, pixel 2316 3028

2003, Sept. 9 - WPD

MEX 36 €1.90
\$8.50 Computer graphics 2334 3036

2006, Oct. 5 - 50 years of Engineering Institute

MEX 37 €1.00
\$6.50 CRT monitor 2525 3271



2011, Aug. 22 - 25 years of Mexican Postal Service

MEX 38 €1.50
\$7.00 LCD, scanner, 3656

----- **Catalog by country M**

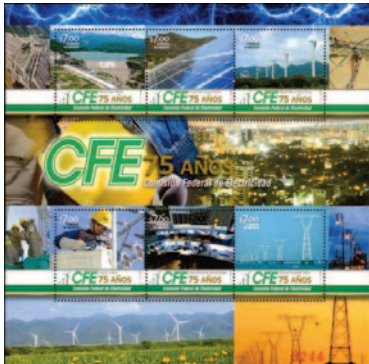
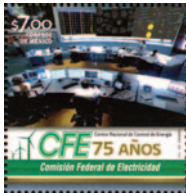
2011, Dec. 16 - 50 yeras State hospital "20 November"



MEX 38a €1.50
\$7.00 Computer tomograph
3695

2012, Aug. 14 - 75th anniv. of the Federal Electricity Commission

MEX 39 €1.50
\$7.00 Control center 3721



MEX 39 miniature sheet €9.00
\$7.00 Control center B100

2013, Dec. 13 - 25 years of National Commission for Physical Culture and Sports (CONADE)



MEX 40 €1.35
\$7.00 CRT & LCD screen
3802

----- **Catalog by country M**

2014, Sept. 9 - 130 years National Bank

MEX 41 €2.40
\$11.50 LCD 3853



2014, Oct. 22 - 75 years Philips in Mexico

MEX 42 €2.70
\$13.50 Tomograph, Monitor
3867

2015, Dec. 10 - 45 years National Council for Science and Technology



MEX 43 €2.40
\$11.50 FO 3595

2016, Dec. 22 - 40 years of the Federal Consumer Prosecutor's Office

MEX 44 €1.50
\$7 LCD screen (smart phone), display
4031



2017, May 9 - Mother's day

MEX 45 €1.50
\$7 Laptop
4045

----- Catalog by country M



**MICRONESIA,
FEDERATED
STATES OF**

1990, May 6 - World stamp London

MIC 01 €1.50

\$1 Computer graphics 115 B5



1999, Mar. 15 - Russian space exploration

MIC 02 €7.60

33 c Robotic space probe

334n 713

1999, Mar. 15 - US space achivement

MIC 03 €7.60

33 c Robotic space probe

344l, t 728, 736



2000, Mar. 13 - New millennium

MIC 04 €8.50

20 c Thomas J. Watson, IBM (1924)

377f 952

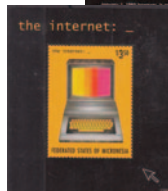
Erroneous inscription: George W. instead of Thomas J.

2003, Aug. 7 - From the Wright brothers to the present, sheet

MIC 05 €9.00

6 * 55 c URL

551 1446-51



2013, Aug. 12 - 30 years Internet

MIC 06-08 €10.00

3 * €1.50 Internet

2508-10, 2511 (B243)

----- Catalog by country M



MOLDOVA

1992, Dec. 26 - UPU member



MD 01-02 €1.60

5 B Printed circuit

66-7 44-5

10 B PC

2000, Feb. 20 - Famous people

MD 03 €5.50

3.60 L Norbert Weiner 348 356



2000, Apr. 12 - Millennium

MD 04 €6.75

3 L PC, mouse

351

359

2001, Oct. 10 - YDAC



MD 05-06 €4.00

40 b Computer

393-4 407-8

3.60 L Keyboard

2003, June 12 - Europe, booklet



MD 07 €6.50

3 * 3 L, 3 * 5 L PC

445a MH4

----- Catalog by country M

2005, Sept. 14 - WSIS

MD 08 €3.50

4.40 L Printed circuit 499 520



2005, Sept. 16 - 10th anniversary of Moldavian passports

MD 09 €5.00

4.40 L Notebook, laptop, ID card 500 B34 (521-3)

2008, Apr. 30 - Europe CEPT

MD 10 €1.25 booklet €4.50

4.50 L VDT, @-symbol

585 612, MH12

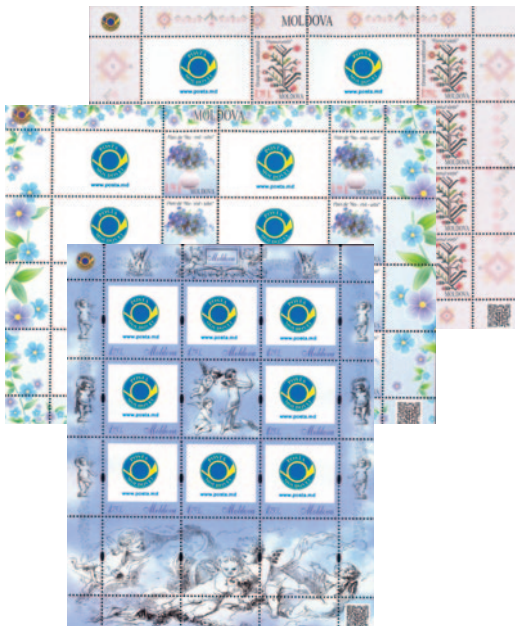
2009, Aug. 5 - P-stamps



MD 11 €5.00

1.20 L, 1.20 L URL 667-8

2013, Dec. 20 - P-stamps



----- Catalog by country M



MD 12 sheet €6.00

8 * 1,75 L QR-code, URL 854-7 Zf



2013, Dec. 23 - P-stamps (MOLDPHILA)

MD 12a sheet €6.00

8 * 1,75 L QR-code

2017, Sept. 29 - P-stamps

MD 13 €3.00

sheet €20.00

1,75 L PC



2019 - P-stamps (Ada Lovelace)

MD 14 €3.00

sheet €20.00

1,75 L Computer programmer



MONACO

1965, May 17 - ITU centenary

MON 01 €6.00

50 c Punch tape 611 804

1969, Nov. 25 - Leonardo da Vinci

MON 02 €2.25

40 c Portrait 738 949



1973, Apr. 30 - Pascal

MON 03 €0.40

0.50 F Portrait

875

1080

----- Catalog by country M



MON 03 proof strip of 5 €100.00

MON 03 proof €f.p.
Die proof signed with embossed stamp control



MON 03 variety color
€30.00

1983, Apr. 27 - Telecommunications

MON 04 €1.50
4 F LCD characters 1375 1585



1985, May 23 - Science center

MON 05 €0.80
3 F Computer graphics 1476 1696

1987, Nov. 13 - Electronic industry

MON 06 €1.00
2.50 F IC, components implanting
1595 1830



MON 06 trial color proof in strip of 5 €100.00

1987, Nov. 16 - Telegraph

MON 07 €1.30
4.00 F Punch tape (single-channel)
1602 1838

----- Catalog by country M



1988, Apr. 21 - Europe CEPT
MON 08 €7.00 m/s €48.00
2.20 F, 3.60 F LCD characters
1623-4 1859-60, B39



1991, Apr. 26 - Europe CEPT



MON 09-10 €1.50
2.30 F Control center
3.20 F PC
1760-1 2009-10



1991, Apr. 26 - Contemporary art

MON 11 €1.50
4 F Computer graphics 1762 2017



1995, Oct. 24 - Discovery X-rays centenary

MON 12 €2.20
6.00 F Vacuum tube 1981 2261



1998, Nov. 20 - Prince Albert I (Grimaldi Sea-mounts)



MON 13 €15.00
10 F Computer graphics
2104 2433

----- Catalog by country M

2002, Mar. 21 - Leonardo da Vinci

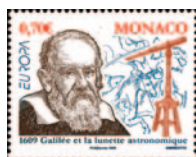
MON 14 €1.60
0.76 € Portrait
2247 2595



2006-2020 - All issues



MON 15 - Beginning 2006 year (10th anniv. of ACCOBAMS issue), in the bottom part of the stamps is write *Phil@poste xxxx (xxxx - the year)*



2009, May 4 - Europe CEPT

MON 16 €2.70
0.70 € Galileo Galilei
2547 2940

MONGOLIA



1932, July 10 - Mongolian Revolution

MOG 01 €4.00
2 m Punch tape (telegraphy)
63 47



1971, Apr. 15 - Lunochod 1 on Moon, sheet

MOG 02 €3.50
2 t Robotic space probe
615 B25(631-2)

1973, Oct. 26 - US & Russian achievements in space



MOG 03 €2.20
1t Robotic space probe
C53 812

----- Catalog by country M

1979, Nov. 24 - American and Russian space missions



MOG 04-05 €2.80

60 m Robotic space probe - Viking
80 m Robotic space probe - Lunochod
C124, C126 1267, 1269



Variety

1980, Dec. 10 - J. Kepler

MOG 06 €2.00
4 t Portrait C145 1345 (B68)



1981, Feb. 2 - 60th anniversary of People's Revolutionary Party

MOG 07 €0.60
60 m Perforated paper tape
1156 1357

1981, Mar. 22 - Space flights

MOG 08 €2.10
50 m Control center 1169 1370

1981, June 1 - 60 years independence (economic development)

MOG 09 €4.00
40 m Control center 1179 1383



1981, Dec. 28 - Intercosmos

MOG 10 €3.20
50 t LCD characters
1232 1449

----- Catalog by country M

1998, Nov. 15 - Communication and traffic



MOG 11 €28.00
100 t, 200 t, 200 t, 400 t, 400 t PC
2357 2824-48

1999, Nov. 9 - 125 years UPU

MOG 12 €0.80
250 t Monitor 2383 2999



1999, Dec. 24 - World intellectual property organization, 20th anniv.

MOG 13 €1.10
250 t LCD screen 2401Dk 3043

2001, Mar. 15 - Century events, sheet

MOG 14 €9.00
300 t VDT, LCD screen, Internet
2482 3277-86



2001, Dec. 20 - YDAC

MOG 15 €1.30
300 t Keyboard 2502 3369

2001, Dec. 30 - Human history

MOG 16 €16.00
200 t PC 2504j 3399

2015, Apr. 29 - Internet Conference

MOG 17 €3.00
1300 t Emblem 3941



----- Catalog by country M

2017, Oct. 6 - 50 years of education in IT
MOG 18 €1.60 sheetlet €16.00
800 t Emblem 4027



MONTERRAT

1986, May 9 - Halley's comet

MNS 01 €2.60 imperf. €7.00
\$4 Computer picture of photograph
612 629



1986, Oct. 10 - Halley's comet, block

MNS 01 block: perf. €7.00 imperf. €16.00
\$ 5 CAD 614d B36

1987, June 13 - CAPEX '87, ovpr. red and black



MNS 02 perf. €3.50 imperf. €7.00
\$5 Computer picture of photograph
657 B45



MOROCCO

1965, May 17 - ITU centenary

MOR 01 €1.10
25 c Punched tape 119 546



1980, Apr. 17 - Stamp day

MOR 02 €0.50
40 c Letter sorting 454 925

----- Catalog by country M

1982, Sept. 6 - Census

MOR 03 €0.50

60 c Houses as punch card 536 1003



1990, Dec. 31 - Opening of Postal Museum, 20th anniv.

MOR 04 €1.40

2 d Perf. tape, telegraphy

699 1181A

MOR 05 sheet €2.50

6 d Perf. tape, telegraphy

700a B19 (1181-2B)

2000, Jan. 31 - Year 2000

MOR 06 €1.50

6\$ Y2K, @-symbol, CD 867 1348



2005, Nov. 16 - WSIS

MOR 07 €1.30

6\$ Laptop, VDT 1001 1507

2006-2020- All issues



MOR 08 - Beginning *Moroccan flora* issue, in the bottom part of the stamps is write *Phil@poste*

2009, May 15 - International year of astronomy

MOR 09 €1.50

7.80\$ Galileo Galilei

1656



2009, May 17 - Internet children protection

MOR 10 €1.30

7.80\$ Internet, PC

1657

----- Catalog by country M

2010, Nov. 30 - Morocco digital 2013

MOR 11 €2.30

7.80\$ Binary code, FO

1706



2016, Oct. 4 - African Hub shop

MOR 12 €3.00

9.00\$ URL

1898



MOZAMBIQUE

1982, Jan. 1 - Posts & telecommunications

MOZ 01 €2.20

6 MT Punch tape 800 871

1985, Mar. 23 - WMD

MOZ 02 €0.50

4 MT Electronic adding machine

946 1015



1986, Mar. 18 - Intl. peace year

MOZ 03 €1.60

16 MT MIC 985 1056

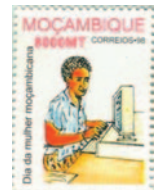
1989, Oct. 12 - Meteorological instruments

MOZ 04-05 €1.00

60 mt Computer graphics

200 mt VDT, keyboard

1104-6 1186-8



1998, June 25 - Mother's day

MOZ 06 €4.00

8000 mt Woman at PC

1317

1416

----- **Catalog by country M**

2000, Mar. 24 - Sport and chess (chess player Garry Kasparov)



MOZ 07 €5.00
35000 mt LED circuit 1407 1601A

2001 - Mother's day, overprint

MOZ 08 €f.p.
3000 mt on 8000 mt Woman at PC
1417 1556



2005, Oct. 9 - WSIS & Tunis 2005

MOZ 09 €0.50
8000 mt IT 1738 2846

2011, June 30 - Communication of XX Century

MOZ 10-11 €12.0
66 mt Edwards Roberts, ALTAIR microcomputer
92 mt Tim Berners Lee, Internet
4718-9



MOZ 12 s/s €5.10
175 mt E. Roberts, T. B. Lee
4720



----- **Catalog by country M**

2011, Dec. 30 - Steve Jobs

MOZ 13 €23.00
6 * 66 mt Steve Jobs
5435-40



MOZ 14 s/s €10.00
175 mt Steve Jobs, keyboard
5441 (B580)

2018, Aug. 15 - American freemasonry



MOZ 15 €25.00
116 mt Steve Wozniak, Apple co-founder
9639

2018, Aug. 15 - Personalities: Stephen Hawking

MOZ 16 €25.00
4 * 116 mt Stephen Hawking, laptop
9664-7



MOZ 17 s/s €17.00
300 mt Stephen Hawking, laptop
9668 (B1373)

----- Catalog by country N



NAMIBIA

2002, July 31 - 10th anniv. of Nampost, yellow



NAM 01-02 €4.00

Standard mail LCD screen

Standard mail PC

999e, h 1083, 1086



NAM 03-05 sheet of 10 €25.00

Yellow, standard mail LCD screen

Blue, standard mail PC

Green, standard mail PC, LCD screen

999k 1082-911, II

2003, Apr. 17 - Rural development



NAM 06 €6.00

N\$1.45 VDT 1011 1102

2004, Apr.19 - Education in Namibia



NAM 07 €5.90

N\$1.60 Counting on fingers

1037 1128

----- Catalog by country N



NAURU

1979, Aug. 22 - ITU

NAU 01 €0.80

32 c Teletype



199 196

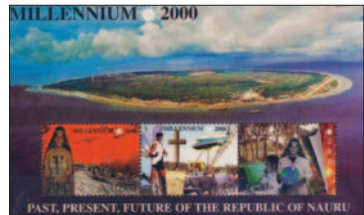


2000, Jan. 1 - New millennium

NAU 02 €1.80

\$1.20 Man at computer

476 491



NAU 03 sheet €7.20

\$1.20 Man at computer

476a B26

2006, May 27 - Exploration & innovation

NAU 04 €16.00

2 * \$1.25 Edison

550 630-1



2008, May 15 - 90 years Royal Air Force

NAU 05 €6500

70 c Slide rule

676



NEPAL

1994, Oct. 9 - Intl. Labor Organization, 75th anniv.

NEP 01 €1.50

15 R Terminal

548 567



----- Catalog by country N

1998, Dec. 27 -

Decade of disabled people

NEP 02 €1.00

10 R PC

643 679



1999, Dec. 29 - Intl. Labor Organization, campaign against child labor

NEP 03 €1.50

12 R Notebook

665

701



2001, Dec. 28 - YDAC

NEP 04 €3.50

30 R Keyboard

704

743



NETHERLAND

1968, Jan. 16 - Postal bank

NL 01 €0.35

20 c Punch card

451

893



1969, Feb. 25 - Intl. Labor organization - IAO, 50th anniv.

NL 02 €2.00

25 c, 45 c CAD

458-9

912-3



1969, Sept. 8 - Benelux anniv.

NL 03 €0.35

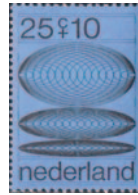
25 c Mobius strip

477 926

1970, Apr. 7 - Computer art



----- Catalog by country N



NL 04-08 €4.00

12+8 c Circle to square

15+10 c Parallel surface

20+10 c Scales

25+10 c Concentric circle

45+20 c 4 spirals

B457-61

936-40

1971, Feb. 16 - National census

NL 09 €0.20

15 c Punch card

487 957



1977, Mar. 8 - Book printing, 500th anniversary



NL 10 €0.50

55 c MIC

568

1095

Printed in sheets of 50 se-tenant with label inscribed with description of stamp design and purpose.

1978, June 1 - 18th IBM chess tournament

NL 11 €0.20

40 c IBM chess tournament

578

1121



1979, May 2 - Europe CEPT

NL 12 €3.00

75 c Punch tape

588

1141

----- Catalog by country N

1981, May 19 - Centenaires



NL 13-14 €1.00 sheet €1.50
 55 c Printed circuit 65 c Punch card
 610-1, 611a 1181-2, B22

1981, Oct. 20 - Export

NL 15 €2.20
 55 c Electronic cash
 register
 617 1190



1981, Dec. 15 / 1982, Mar. 9 - Sept. 2 - 1986 - Definitive, Queen Beatrix

NL 16 €35.00
 65 c ... 7.50 G Computer graphics
 620-637 1197, 1200-2

The portrait of the Queen was digitized by means of a computer, i.e., translated into dots.



1986, Apr. 8 - Measuring

NL 17 €7.00
 50+25c, 60+25c, 65+25c, 70+30c LCD numbers
 B619-22 1288-91

1986, Sept. 23 / Aug. 19 - 1990, May 29 - Definitive, Queen Beatrix, type 1981

NL 18 €14.00
 1.20 G ... 7.50 G Computer graphics
 685-699

1987, June 16 - Groningen Agricultural Society

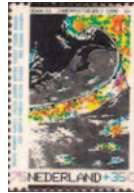


NL 19 €1.50
 75 c Auction clock
 719 1322

----- Catalog by country N

1990, Apr. 3 - Meteorology

NL 20 €2.10
 75+35 c Computer graphics
 B652 1381



1990, Nov. 7 - Children charity

NL 21 €1.90 sheet €3.25
 65+35 c PC B654 1393A

1991, May 15 - Philips Electronic, cent.



NL 22 €1.50 strip of 5 €2.50
 75c Video disk experiment
 794 1408

1991, Nov. 6 - Child welfare, perf. 13 1/4:12 3/4

NL 23 €2.10
 60 + 30 c Robot
 B659 1423IA



NL 23 sheet €3.70 perf. 14:13 1/2
 4 * (60 + 30 c) Robot
 B659a B35 (1423IIC, 1425IIC)

1991, Mar. 14, June 25, Sept. 3 / 1992, Nov. 11 / 1993, Feb. 2, Sept. 7, Nov. 29 / 1994, Nov. 28 - Definitive, Queen Beatrix

NL 24 €20.00
 75c ... 10 G Computer graphics
 774-785
 1402, 1411-4, 1454-7, 1464, 1495, 1487, 1530



----- Catalog by country N

1991, Mar. 14 - Definitive, Queen Beatrix, from booklets one side imperf.

NL 25 €4.50

75c Computer graphics

787 1402D, 1411 D

1991, Mar. 14 - Definitive, Queen Beatrix, from booklets two sides' imperf.

NL 26 €4.50

80c, 1.60 G Computer graphics

789-90 1402E, 1411E

1992, Jan. 7 - Technology

NL 27 €0.95

60 c IC

804 1427



1992, June 16 - Netherlands Pediatrics Society

NL 28 €0.60

80 c Display

815 1444

1993, June 1 - European youth Olympic days

NL 29 €1.30

70 c, 80 c Computer graphics

836-7 1479-80



1993, Nov. 19 - December stamps



NL 30 €0.90

2*55 c Mobius strip

849a 1496-7

1994, June 13 - Amsterdam stock exchange



NL 31 €0.80

80 c LCD screen

863 1517

----- Catalog by country N

1995, Nov. 15 - Paintbrush images



NL 32 €4.50

70 c, 80 c, 100c Computer drawings

B689-91 1558-60

1997, Sept. 2 - Youth stamps



NL 33 €1.40

80 c Characters font, 3D computer

973-4 1629-30



NL 34 €7.50

5 * 80 c URL

973a MH54

1998, Mar. 17 - Definitive, Queen Beatrix, type of 1991

NL 35 €2.50

1.50 g Computer graphics

902 1648

1998, July 7 - Royal Library

NL 36 €0.70

80 c PC

1003 1665



1999, Jan. 15 - 200 years Post in Netherland

NL 37 €0.55

80 c Ink font

1020 1705

----- Catalog by country N

1999, July 6 - Definitive



NL 38 €0.70

NL 38 die cut 13½ syncopated €0.55

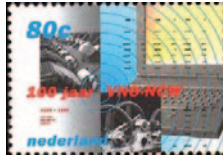
2*80 c Computer screen, computer graphics
1031-2 1731-2

1999, Sept. 7 - Employers Association

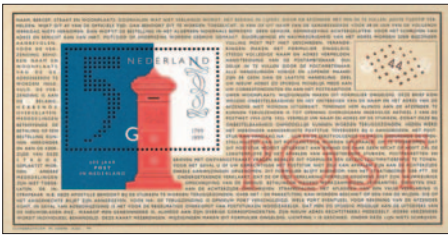
NL 39 €0.55

80 c Laptop

1036 1736



1999, Oct. 15 - Postal service bicentennial, sheet



NL 40 €3.75

5 g Pixel

1039 B61

The numerals in the denomination in a pixel-like format, is up of perforations.

2000, May 2 - Doe Maar, popular musical group

NL 41 €1.20

80 c CD

1050,a 1803



2000, Aug. 21 - Sail Amsterdam harbor

NL 42 €9.00

10 * 80 c Barcode

1054 1807-16

----- Catalog by country N

2000, Sept. 23 - Comics, Sjors & Sjimmie



NL 43 €3.75 sheet €2.25 booklet €3.25

80 c Magnetic tape cassette

1057, a, 1058a

1819, B65, MH61

2001, July 2 / Sept. 3 - Definitive, Queen Beatrix, die cut perf 14 ½ s-a, type of 1991

NL 44 €14.40

85 c, 1 g, 1.10 g, 1.45 g, 2.50 g, 5 g Computer graphics

906-11, a

1907-8, 1914-7

2001, Oct. 12 - Associations of printers



NL 45 €1.60

85 c CAD, pixels, magnifying glass software pointer, barcode

1083 B72 (1931-2)

2001, Oct. 12 - Amphilex 2002 Intl. stamp show



NL 46 €1.60

2 * 85 c Barcode

1084 B71 (1929-30)

----- Catalog by country N

2001, Nov. 6 - Children's stamps



NL 47 perf. 14:13 ½ €5.60
6 * 0.39€ Computer games, barcode
B728 B73 (1933-8)

NL 48 s-a perf. 13¼:13 €2.00
0.39€ Computer games
B729 1939

2002, Jan. 2 / 2003, Jan. 2 / 2004, Jan. 2 /
2005, Jan. 3 - Definitive, Queen Beatrix, s-a
booklet stamp



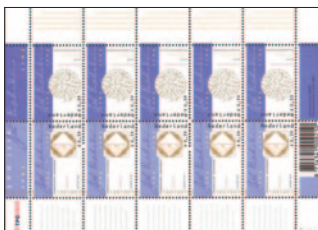
NL 49 €120.00
25c ... €3 Computer graphics, barcode
1091-1104, a
1960-7, 2070-1, 2189-90, 2275-6

2003, Mar. 4 - Johann Enschedé and Sons



NL 51 €1.20
39 c Binary code 1144a 2096

The stamp has photogravure back printing that can be seen
through blank triangle on face of stamp.



NL 51 sheet €6.00

----- Catalog by country N

2003, May 20 - Definitive

NL 52 €1.00
39 c PDA
1148h 2112



2003, Nov. 4 - Child welfare s/s



NL 53 €5.50
6 * 39+19 c Mouse, barcode
B739 B79 (2151-6)

2005, Mar. 22 - Business stamp



NL 54 €0.65
€0.39 Laptop, barcode
1196 2301

2006, Dec. 11 - Definitive, Queen Beatrix, type
of 1991

NL 55 €7.40
€0.44, €0.44, €0.44, €0.80 CAD
1216, 1219, 1221, 1223 2392

2007, Nov. 6 - Child welfare s/s



NL 56 €6.35
€0.44+0.22 PC, barcode
B754 2523-8 (B108)

2009, Jan. 2 - Definitive, Queen Beatrix

NL 57 €1.20
€0.74 CAD 1220 2632

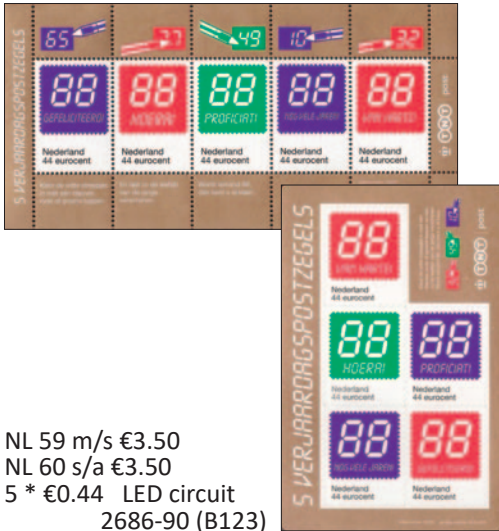
----- Catalog by country N

2009, Apr. 28 - Three generations of queens, s/s



NL 58 €10.50
€7 CAD 1336 2661 (B117)

2009, Sept. 22 - Birthday stamps, m/s



NL 59 m/s €3.50
NL 60 s/a €3.50
5 * €0.44 LED circuit
2686-90 (B123)

2010, Feb. 9 - Dutch patent



NL 61 €1.00
€0.44 Barcode 2732

2010, July 1 - Definitive, Queen Beatrix

NL 62 €2.70
€0.44, €0.88 CAD 2753-4

2010, July 1 - My stamp (P-stamps)



----- Catalog by country N

NL 63 €3.55
1 (€0.44) URL
1 (€0.44) QR - code
2784

2011, Mar. 26 - Town of Netherland



NL 64 €12.00
5 * 1 AR-code (augmented reality)
2841, 2843, 2845, 2847, 2849

2011, May 31 - The Royal Netherlands Post



NL 64A €10.00
1 Internet service icon, C-code, barcode
2880

2011, Oct. 10 - P-stamps

NL 64a €10.00
1 C-code



----- Catalog by country N

2011, Sept. 1 - Green initiatives

NL 64B €10.00 booklet €10.00
 1 Laptop Booklet C-code, barcode, URL
 2899

2012, Jan. 2 - KLM Delftware House, sheet



NL 65 €16.00
 10 * 1E, 10 * 1W C-code 2940-1

2012, Jan. 30 - Red cross, block



NL 66 €9.00
 3 * € (1 + 0.25) QR-code
 2942-4, B136

2012, Jan. 30 - Feb. 27 - May 21 - Tourist sites of Netherlands, sheet



NL 67 €50.00
 5 * 1 C-code B141

----- Catalog by country N

2012, Mar. 26 - Europe - Visit Amsterdam (green card), sheet



NL 68 €16.00
 6 * E1 C-code 2954-5

2012, Mar. 26, Monuments, sheet



NL 68a €12.00
 10 * 1 C-code, URL

2012, Apr. 23 - Centenary of the Dutch Open Air museum, sheet



NL 68b €10.00
 10 * 1 Smartphone, tablet, C-code
 2961, 2966

----- Catalog by country N

2012, July 4 - 100 years National Olympic Committee, sheet

NL 69 €10.00

10 * E1 C-code, barcode

2990-9



2012, July 16 - 20 years with SEASONS, sheet

NL 70 €10.00

10 * 1 C-code, URL

3000-9

2013, Jan. 2 - Mammals, sheet



NL 71 €1.10

10 * 1 p-stamps (C-code), URL
3062

----- Catalog by country N

2013, Feb. 25 - Zoo Arnhem, sheet

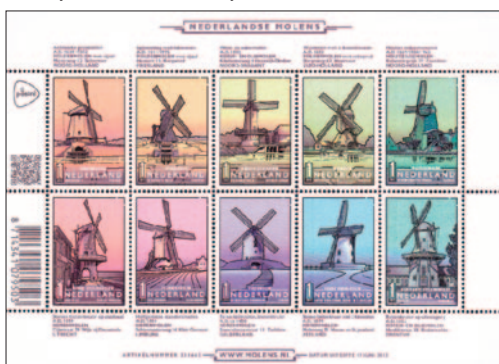


NL 72 €12.50

10 * 1 C-code

3077-86

2013, June 17 - Mills, sheet



NL 73 €10.00

10 * 1 QR-code, URL

3116-25

2014, Jan. 2 - Dutch symbols, s-a



NL 74 €27.00

10 * 1, 5 * ILR C-code, URL

3194-3208

----- Catalog by country N

2014, Jan. 27 - Ceramics from Hardingen, s/s



NL 75 €15.00
5 * 1 C-code, barcode 3209A, C

2014, March 24 - 200 years Kingdom, m/s



NL 76 €30.00
10 * 2 C-code, barcode 3225-6

2014, Apr. 22 - Orchids from Gerendal, m/s



NL 77 €15.00
10 * 1 C-code, barcode 3229-38

----- Catalog by country N

2014, July 1 - Mauritshuis Museum, girl with pearl earring, m/s



NL 78 €24.00
10 * ILR C-code, barcode 3250

2014, July 14 - Borderless Netherland - Japan, m/s



NL 79 €14.50
6 * 1 C-code, barcode 3251-6 (B154)

2014, Sept. 8 - 175 years transport, m/s



NL 80 €15.00
10 * 1 C-code 3272-81

----- Catalog by country N

2014, Oct. 17 - Stamp day, m/s



NL 81 €15.00
10 * 1 C-code, barcode 3287

2014, Nov. 11 - Child welfare, m/s



NL 82 €11.50
5 * 1 C-code, barcode 3288-92 (B157)

2015, Sept. 1 - This deserves a card, m/s



NL 83 €4.00
2 * 1 QR - code, C-code

----- Catalog by country N

2019, Jan. 2 - Beautiful Netherlands: West Faisian Islands (I)



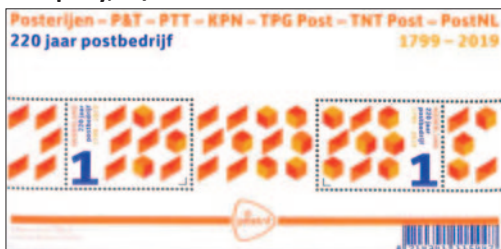
NL 84 sheetlet €10.00 booklet €29.00
5 * 1 (€0.87) C-code, barcode 3783

2019, Jan. 2 - Experience nature (V): Mamals, s-a



NL 85 sheetlet €20.00
10 * 1 (€0.87) C-code 3784-93

2019, Jan. 24 - 220th anniv. of the Dutch Postal Company, m/s



NL 86 €4.00
2 * 1 (€0.87) C-code, barcode 3794-5 (B178)

----- Catalog by country N

2019, Feb. 15 - 350th anniv. of the death of Rembrandt



NL 87 sheetlet €10.00
5 * 1 (€0.87) C-code, barcode
3796-7

2019, Feb. 25 - Beautiful Netherlands: West Faisian Islands (II)



NL 88 sheetlet €10.00 booklet €29.00
5 * 1 (€0.87) C-code, barcode
3783

2019, Feb. 25 - Experience nature (VI): Flowers, s-a



NL 89 sheetlet €20.00
10 * 1 (€0.87) C-code
3800-9

----- Catalog by country N

2019, Mar. 11 - Centenary of aviation, m/s



NL 90 €6.00
3 * 1 (€0.87) C-code, barcode
3810-2 (B179)

2019, Mar. 25 - Beautiful Netherlands: West Faisian Islands (III)



NL 91 sheetlet €10.00 booklet €29.00
5 * 1 (€0.87) C-code, barcode
3813

2019, Apr. 23 - Europe: Native birds, m/s



NL 92 €9.00 m/s €19.00
2 * 1 INTERNATIONAL (€1.45)
CEE-App, C-code
3814-5

----- Catalog by country N

2019, Apr. 23 - Beautiful Netherlands: West Faisian Islands (IV)



NL 93 sheetlet €20.00 booklet €58.00
5 * 1 (€0.87) C-code, barcode
3816-7

2019, May 20 - Garden birds, m/s



NL 94 €12.00 m/s €20.00
6 * 1 (€0.87) C-code, barcode
3818-23 (B181)

----- Catalog by country N

2019, June 11 - Experience nature (VII): Butterflies, s-a



NL 95 sheetlet €20.00
10 * 1 (€0.87) C-code
3824-33

2019, Aug. 19 - Public transport in Netherlands, m/s



NL 96-97 sheetlet €32.00
6 * 1 (€0.87) C-code, barcode
6 * 1 INTERNATIONAL (€1.45) C-code, barcode
3839-44 (B182), 3845-50 (B183)

----- Catalog by country N

2019, Sept. 16 - Experience nature (VIII): Trees and leaves, s-a



NL 98 sheetlet €20.00
10 * 1 (€0.87) C-code
3852-61

2019, Oct. 3 - Children's book, m/s



NL 99 €30.00
2 * [5 * 1 (€0.87) + €0,43] C-code, barcode
3862-6

2019, Oct. 18 - Ordinary things, m/s



NL 100 €20.00
6 * 1 INTERNATIONAL (€1.45) C-code, barcode
3867-72 (B184)

----- Catalog by country N

2019, Nov. 4 - December stamps, s-a



NL 101 block of ten €19.00
10 * DECEMBER (€0.82) C-code
3875-84



The earliest counting tools - tally. The tally of 6 Brabant's Sols (pennies) marked on the letter from 1694, sent from Ostend to Antwerp, was a very usual notation at that time (Johann Vandenhaute collection).

----- Catalog by country N



**NETHERLAND
ANTILLES**

1966, Sept. 19 - 25th anniv. of secondary education

NEA 01 €0.80
20 c Abacus

306 168



1975, June 19 - 40th anniv. of Aruba airport

NEA 02 €1.00
15, 30, 40 c MIC

372-4 301-3

1978, Oct. 16 - Ship to shore communication



NEA 03 €1.50
20 c, 40 c Punch tape
55 c GPS
421-3 371-3

1984, Jan. 5 - Newspaper

NEA 04 €2.30
45 c PC

505 513



1985, Apr. 29 - Intl. youth year

NEA 05-07 €4.00
45+20 c PC, MICR characters
55+25 c MICR characters
100+50 c Tape cassette
B231-3 557-9

----- Catalog by country N

1987, Dec. 11 - Newspaper

NEA 08 €2.30
70 c Keyboard of desktop
calculator, printer
590 626



1988, Oct. 26 - Child welfare



NEA 09-10 €3.00 sheet €4.50
65+30 c, Tape cassette
115+55 c PC, computer game
B260-1 647-8 (B33)

1992, Oct. 28 - Child welfare

NEA 11 €1.50
70+30 c Robotics B291 760



1998, Aug. 5 - Postal services

NEA 12 €6.00
110 c, 225 c Binary code 846-7 972-3

1999, Aug. 4 - Millennium

NEA 13 €1.80 perf. 13 1/2
110 c FO 882 1012

1999, Aug. 4 - Millennium, s-a serpentine die cut 8

NEA 14 €1.80
110 c FO 892 1022



2000, Oct. 25 - Youth care

NEA 15 €7.95
75+25 c Internet B344 1083

----- Catalog by country N

2002, Nov. 15 - Christmas

NEA 16 €2.50

240 c Printer letters 1001 1411



2009, May 18 - Telecommunications and Posts, Cent.

NEA 17 €2.60

164 c Laptop, FO 1213 1753

**NETHERLANDS CARIBBEAN
SINT EUSTATIUS**

2018, July 20 / 2020, Sept. 15 - Humming-birds



The user can activate NFC wireless technology of a smart-phone manages to bring the hummingbird to life: you need to bring the camera close to the stamp, making sure that NFC is active.

NEC 01 €150.00

150 c NFC technology

59-69



Counting on fingers. Censored letter from Mexico to Switzerland via New York, USA (J. Vandenhaute collection).

----- Catalog by country N



NEVIS

2000, Jan. 4 - Millennium, events 1990-1999, sheet of 17



NEV 01-03 €8.50

50 c Inca girl

50 c Robotic space probe

50 c Y2K

1186i, j, p 1483-4, 1490

2000, June 10 - Spacecraft, sheet



NEV 04 €22.00

\$1.60 Robotic space probe

1212-3

1563-74

2002, Aug. 15 - APS show - birds, sheet



NEV 05 €5.00

6*\$1.60 Internet

1293

1755-80

----- Catalog by country N

2006 - Viking I landing on Mars



NEV 06 €7.20
\$3 Robotic space probe
1485 2169



NEW CALEDONIA

1974, Oct. 26 - Philatelic exhibition - ARPHILA '75



NWC 01 €4.00
80 F CAD
C120 557

1985, Apr. 24 - Electronic railway switching center

NWC 02 €1.60
70 F Control center, LCD characters
525 761



1985, Nov. 13 - Jules Garnier gymnasium

NWC 03 €13.00
400 F LCD characters
C206 771

1994, Nov. 5 - ORSTOM



NWC 04 €2.50
95 F PC
C268 1022

----- Catalog by country N

1998, Nov. 27 - Post & telecommunications, 40th anniv.



NWC 05 €3.80
70 F LCD screen
807a 1152-3

1999, June 17 - Hotel school A. Escoffier



NWC 06 €2.40
70 F Terminal
828 1175

2001, July 18 - Whales



NWC 07 €3.50
2*100 F URL in central label
874 1238-9

2002, Sept. 18 - Sea mammals



NWC 08 €3.00
2*100 F URL in central label
906 1278-9

2003, June 11 - Operation Cetanean



NWC 09 €2.60
2*100 F URL
922 1300-1

2006-2020 - All issues



NWC 10 - Beginning *Cagy type s-a* issue, in the bottom part of the stamps is write *Phil@poste*

----- Catalog by country N

2008, July 31 - Post & Telecommunications, 50th anniversary



NWC 11-13 €3.55

75 F PC, URL

75 F Mail sorting

75 F FO

1050-2

1473-5

2008, July 31 - Telecommunications history

NWC 14-15 €3.50

75 F IC

75 F FO

1053, 1053c

1471-2



NWC 16 sheet €5.00

300 F IC, FO

1053d

B40

2016, June 16 - Expansion of data transmission through fiber optic cables



NWC 17 €1.50

75 F Users of faster Internet connections:
laptop, iPhone, iPad; FO

1702

----- Catalog by country N



NEW ZEALAND

1962, June 1 - Cent. telegraph

NWZ 01 €1.40

8 p Typewriter

357

421



1977, Apr. 6 - Cent. of education act

NWZ 02 €3.50

8 c Magnetic tape

625

715

1986, Jan. 15 - Police Force Act, cent.

NWZ 03 €3.00

25 c Command center

843

949

1992, Apr. 3 - Summer Olympics, Barcelona (I)

NWZ 04 €0.70

45 c Barcode

1093 (Var)

1219



1992, May 13 - Summer Olympics, Barcelona (II)

NWZ 04a €6.50

45 c, 80 c, \$ 1.00, \$1.50 Barcode

1100-3 (Var)

1226A-9A

1998, Feb. 11 - Museum of New Zealand



NWZ 05-06 €2.60

40 c, \$1.80 URL

1482-3 1657-8

----- Catalog by country N

2000, Jan. 1 - Year 2000

NWZ 07 €0.60

40 c LCD characters 1628 1813



NWZ 07 sheet of 10 €7.00

1628a 1813K



NWZ 07 missing €3.00

1813I

The third stamp in the left column is missing the map and sun emblem between the time and country name.

NWZ 07 sheet of 6 €100.00

1628b B105

The sheet of 6 is created for a hard-bound Millennium book.

2000, Mar. 6 - Round kiwi stamp, gold, gutter pair

NWZ 08 €2.40

\$1.10 URL

1635

1820G



2001, Jan. 1 - Moving mail - Belgica 2001 exhibition

NWZ 09 €7.00

40 c Mouse, e-mail

1695k

1889

----- Catalog by country N

2002, June 5 - Round kiwi stamp, purple brown, gutter pair



NWZ 10 €2.80

\$1.50 URL

1787

2002G

2003, Jan. 8 - America's Cup Yacht Races

NWZ 11 €1.20

40 c SAP software company

1847

2052



NWZ 11 sheet €3.00

\$2.10 SAP software company

1849a B150

2005, May 4 - Café culture



NWZ 12 €6.30

\$2 PC

2026 2256

2005, June 1 - 150 years of New Zealand stamps, sheet



NWZ 13 €6.50

45c, 90c, \$1.35, \$1.50, \$2.00 Monitor

2021a

B183

----- Catalog by country N

2017, Sep. 6 - Maori language



NWZ 14-18 €19.00 block €25.00
 \$1.00 Mobile phone (LCD technology)
 \$1.00 PC
 \$1.00 USB flash drive
 \$1.00 GPS
 \$2.20 WiFi
 (8 * \$1.00, \$2.20, \$2.70) block Laptop
 3491, 3493-4, 3497, 3499, 3501-6 (B397)



NICARAGUA

1971, May 15 - Scientific formulas



NIC 01-03 €7.00
 10 c Counting on fingers
 25 c J. Napier
 1 cor Transistor
 877, C761, C764 1613, 1616, 1619

----- Catalog by country N

1976, May 25 - Bicentenary USA



NIC 04 €0.10
 1 c Space control 1029 1931

1982, Mar. 12 - ITU

NIC 05 €4.00
 25 c Control room C999 2253



1982, Dec. 12 - Telecommunication day

NIC 06 €0.40
 50 c Control center 1198 2342



1984, July 7- Los Angeles Olympic Games

NIC 07 €4.50
 50 c ... \$9.00
 LCD characters
 1366-73 2522-8



1994, Apr. 4 - Astronomers

NIC 08 €0.50
 1.50 cor Galileo Galilei
 1985c 3294



1994, Nov. 14 - 100th anniv. of movies

NIC 09-10 €7.50
 2.00 cor Robot
 2.00 cor Large computer
 2951e,k 3538, 3545

----- Catalog by country N



NIGER

1966, Dec. 16 - Malbaza cimentery

NIG 00 perf. €2.50
imperf. €9.00
10 f Automation
180 141



1970, May 11 - Pioneers of space research



NIG 01-02 perf. €13.00 imperf. €30.00
200 f Galileo Galilei
250 f Leonardo da Vinci
C125-6 250-1



1970, May 16 - WCD

NIG 03 €1.10
100 f Vacuum tube
C128 252

1970, June 6 - Apollo XIII, overprint

NIG 04 €2.50
200 f Galileo Galilei C130 256



1970, Nov. 5 - Luna 16, overprint

NIG 05 €3.10
200 f Leonardo da Vinci, robotic space probe
C142 268

1971, Apr. 6 - Pan - African communication system

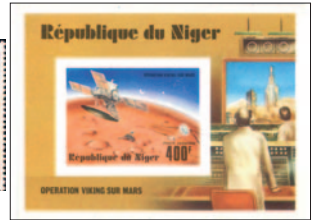


NIG 06 €0.70
100 f Communications network
C153 284

----- Catalog by country N

1977, Mar. 15 - Viking Mars project

NIG 07 perf. €6.00 imperf. €20.00
100 f, 150 f Robotic space probe
C283-4 567-8



NIG 08 sheet perf. €5.00 imperf. €8.00
400 f Robotic space probe, control center
C286 B16 (570)

1979, Dec. 20 - Apollo XI, overprint



NIG 09 €4.50 inverted overprint €11.00
150 f Robotic space probe
C295 682



NIG 10 sheet, black overprint €4.00
red overprint €6.50
400 f Robotic space probe, control center
C297 B25 (684)

1987, May 21 - Invention of the telegraph



NIG 11 €6.50
120 f, 350 f Punch tape
752, 4 1012, 4

----- Catalog by country N

1997, Aug. 28 - Communications



NIG 12-13 perf. €2.80 imperf. €30.00
 60 f Binary code
 100 f PC 952 1285, 7

1997, Aug. 28 - Space travel

NIG 14 €40.00
 600 f Galileo Galilei
 960b 1311 (B100)

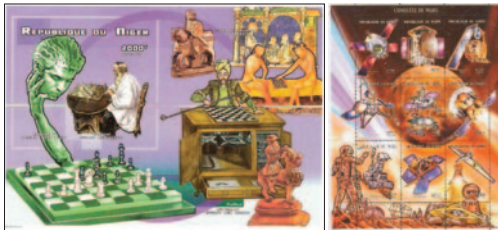


1997, Aug. 28 - Space history

NIG 15 €22.00
 450 f Robotic space probe
 968 1333-40

1999, Apr. 21 - Chess, sheet

NIG 16 perf. €10.00 imperf. €70.00
 2000 f IBM computer - Deep blue
 1026 1646 (B116)



2001, June 20 - Space exploration

NIG 17 €20.00
 370 f Robotic space probe
 1076 1908-16

----- Catalog by country N

2005, May 26 - WSIS

NIG 18 €1.00
 225 f IT 1097 1995



2013, Sept. 30 - 95th anniv. of Nelson Mandela

NIG 19 €12.00
 750 f Bill Gates 2484

2020 - Covid 19

NIG 20 €11.00
 2 * 2500 f QR - code



NIGERIA

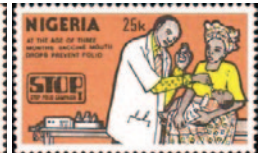
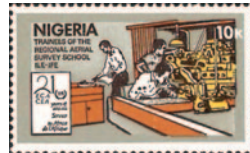
1975, June 3 - Telex network

NGR 01 €2.20
 5 k, 12 k, 18 k, 30 k Teleprinter
 327-30 310-3



1979, Dec. 12 - Economic Commission

NGR 02 €0.40
 10 k Survey school 382 365



1984, Feb. 29 - Fight against polio campaign

NGR 03 €2.40
 10 k, 25 k, 30 k MIC 444-6 428-30



1995, Jan. 1 - Nigerian post

NGR 04 €1.80
 10 N LCD screen
 648 643

----- Catalog by country N

2001, Oct. 9 - YDAC

NGR 05 €0.50
20 N Keyboard 738 739

2005, Nov. 4 - WSIS

NGR 06 €2.50
20 N, 50 N, 120 N IT 777-9 778-80



2006, Jan. 18 - Scientists / Inventors - Emeagwali

Philip - father of the Internet
NGR 07 €9.00
50 N, 150 N Portrait 786, 789



1976, July 7 - Techno achievement



NIU 01-02 €1.20
15 c Teletype
20 c Control room
190-1 167-8



NORFOLK ISLAND

2001, June 9 - Tourism, booklet

NRF 01 €7.50
\$3.00 Internet 739 (var) B40 (759)

2002, Sept. 18 - Whales



NRF 02 €3.50
2 * \$1.00 URL in central label
783 803-4

----- Catalog by country N



NORWAY

1969, Oct. 10 - Census

NOR 01 €0.85
65 O Punch card 547 596



1986, Feb. 18 - Biathlon

NOR 02 €1.70
2.50 K, 3.50 K Computer graphics
873-4 940-1

1989, June 7 - Primary school



NOR 03 €1.00
3.00 K LCD characters, calculator
945 1022

1994, June 14 - Research in Norway



NOR 04 €2.25
4 K, 4.50 K Microchip
1065-6 1159-60

1996, Sept. 20 - 350th anniversary of postal service

NOR 05 €8.00
3.50 K PC 1133a 1225



2002, June 5 - Niels Henrik Abel, mathematician

NOR 06 €6.60
22 K CAD 1333 1435

----- Catalog by country N

2002, Oct. 10 - NORDIA 2002, overprint

NOR 07 €8.00

22 K CAD

1347 1449



2003, May 22 - Public health service, 400th anniv.

NOR 08 €1.80

5.50 K VDT

1365 1467

2004, June 18 - 800 years Hakon Hakonson

NOR 09 €8.00

12 K, 22 K Computer graphics

1403-4

1505-6



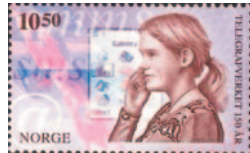
2005, Apr. 15 - Children drawings

NOR 10 €2.95

7.50 K Future classroom

1426 1528

2005, Sept. 16 - Telegraph history



NOR 11-12 €3.80

6.00 K Perforated paper tape (single-channel)

10.50 K @-symbol

1446-7 1550-1

2019, Feb. 15 - 50th anniv. of oil production

NOR 13 €3.80

s-a €6.00

INNLAND (16 K) QR - code

1990



2019, Apr. 11 - Europe: Native birds, s-a

NOR 14 €5.50

booklet €55.00

EUROPA (21 K) CEE-App

1994

----- Catalog by country N-O

2019, Aug. 23 - Intl. Stamp Exhibition NORDIA, s/s



NOR 15 €20.00

42 K (50 K) QR - code

2007 (B52)

2020, Sept. 17 - Research technology (I)



NOR 16 €7.50

booklet €39.00

2 * INNLAND (17 K) QR - code

2030-1



**OMAN,
SULTANATE OF**

1984, Nov. 18 - National day

OM 01-02 €9.00

130 B Letter sorting

160 B Mainframe

257-8 262-3



1992, Mar 23 - WMD

OM 03 €3.50

200 B Computer graphics

349

359

2001, Oct. 9 - YDAC

OM 04 €5.00

200 B Keyboard

437

508



2005, Nov. 16 - WSIS

OM 05 €0.50

100 B Binary code

472

614

----- Catalog by country O-P

2005, Nov. 18 - 35th National day

OM 06 €5.50
100 B PC
473g 621



PAKISTAN



1976, Apr. 7 - World health day



PAK 01 €1.50
20 p Pixels 406 409

1992, Apr. 8 - Private Bank - MCB



PAK 02-03 €1.50
1 Re, 7 Rs PC 760-1 836-7

1995, Sept. 15 - Woman conference



PAK 04 €0.70
1.25 Rs VDU 836a 946

1999, Nov. 20 - Open University



PAK 05-06 €2.00
2 Rs, 3 Rs PC 935-6 1054-5

----- Catalog by country P

2000, June 23 - Institute of Cost and Management Accountants, 50th anniv.



PAK 07 €1.30
15 Rs Keyboard 950 1069

2000, Nov. 4 - Creating the future

PAK 08 €0.50
5 Rs Binary code 956 1082

2001, Oct. 9 - YDAC

PAK 09 €0.40
4 Rs Keyboard 971 1101



2003, Oct. 20 - Export

PAK 10 €2.00
1 Re APPLE computer, CD, keyboard
1021m 1173

2003, Dec. 10 - WSIS

PAK 11 €0.50
2 Rs IT 1023 1182



2005, July 15 - WSIS

PAK 12 €0.40
5 Rs IT 1068 1253

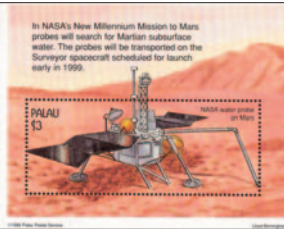
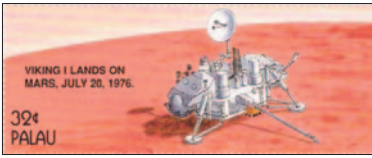
2012, Feb. 2 - World's youngest Microsoft certified professional



PAK 13 €0.60
8 Rs Microsoft company
1387

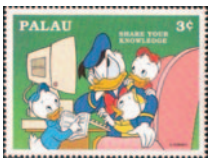


1996, Nov. 8 - Voyage to Mars



PAL 01 €15.00
32 c, 2 * \$3 Robotics
410-2 1139, 1140 (B46)

1997, Oct. 21 - Disney's let's read
PAL 02 €8.00
3 c, 32 c Mickey Mouse computer
443, 447c 1244, 1250



1998, Mar. 9 - Hubble space telescope
PAL 03 €0.90
32 c Computer graphics
453a 1267

1998, Apr. 21 - Deep sea robots



PAL 04 €7.50
18 * 32 c Robot

458 1280-97



PAL 05 sheet €5.50
2 * \$2 Robot 459-60 B67-8

1999, May 10 - Exploration of Mars
PAL 06 €4.50
6 * 33 c Robotic space probe
501 1456-61



PAL 07 sheet €20.00
\$2 Robotic space probe
505 B83-6 (1462-5)

1999, June 30 - The information age: Visionaries of the 20th century



PAL 08 €22.00

25 * 33 c Contributors to the development of IT
512 1496-1520

- William Gibson (1984 - *Cyberspace*, the total interconnectedness of human beings through computers and telecommunication without regard to physical geography);
- Danny Hillis (*Massively Parallel Processing*, designed computer-oriented toys and games);
- Steve Wozniak and Steve Jobs (*Apple Computer*);
- Nolan Bushnell (*Atari Inc.*);
- John Warnock (1982 - *Adobe Inc.*, publishing and electronic document technology);
- Ken Thompson and Dennis Ritchie (1969 - *UNIX*, Bell Labs, operating system);
- Al Shugart (*Seagate technologies*);
- Rand & Robyn Miller (*CD-ROM*);
- Nicolas Negroponte (*MIT Media Lab*);
- Bill Gates (1976 - *Microsoft Inc.*);
- Arthur C. Clarke (*Orbiting communications satellite*);

- Marshall McLuhan (*The medium is the message*);
- Thomas Watson, Jr. (1952 - 1971, *IBM president*);
- Gordon E. Moore and Andy Grove (1968 - *Intel corporation*);
- James Gosling (*Java language*);
- Saber Bathia and Jack Smith (1996 - *hotmail.com*);
- Esther Dyson (*Release 2.0*);
- Jerry Yang and David Fild (*YAHOO!*, is a directory of www sites organized in a hierarchy of topic categories);
- Jeff Bezos (*amazon.com*);
- Bob Kahn (*TCP - IP*, Transmission Control Protocol is a method used along with the Internet Protocol to send data in the form of message units between computers over the Internet);
- Jaron Lanier (*Virtual Reality*);
- Jim Clark (*Silicon Graphics Inc., Netscape Communications Corporation*);
- Bob Metcalfe (1973 - *Ethernet*);



StampLand
Link to World
<http://www.stampland.net/>

----- **Catalog by country P**

2000, Jan. 18 - Futuristic space probes, sheet



PAL 09 €9.00
6 * 55 c Robot, computerized artificial intelligence
533 1577-82

2000, Feb. 2 - Millennium



PAL 10-11 €8.50
20 c CD
20 c URL
539f, q 1609, 1620

Error: *ushers instead of users*

2000, Apr. 10 - Future of space exploration, sheet

PAL 12 €5.00
6 * 33 c Robot 548 1651-6



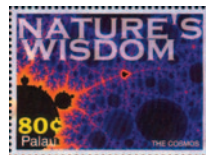
2002, Nov. 19 - Teddy Bears cent.

PAL 13 €1.60
60 c Computer programmer bear
705b 2163

----- **Catalog by country P**

2005, June 27 - Expo 2005

PAL 14 €3.40
80 c Mandelbrot set
fractals
834b 2486



2006, July 10 - Space achievements (Viking), sheet of 6



PAL 15 €6.60
6 * 75 c Robotic space probe
861 2592-7

2011, Aug. 2 - 50th anniv. of Peace Corps

PAL 16 €5.00
50 c Internet 3111



**PALESTINIAN
AUTHORITY**

2008 - Chess, sheet



PNA 01 €9.00
1000 Robot

2018, May 17 - World Telecommunication Day



PNA 02-03 €3.00
250 Mjjs Wi Fi
350 Mjjs @-symbol
417-418

----- Catalog by country P



PNA 04 s/s €7.50
1500 Mjis @-symbol, iPhone, Wi Fi
419 (B70)



PANAMA

1965, May 12 - Galileo Galilei



PAN 01 perf.€2.20 imperf. €6.00
block: perf. €12.00 imperf. €20.00
0.21 B Portrait, Sector
C334, a 825, 827, B36 (824-5), B37 (826-7)

1996, Oct. 23 - Radiology cent.

PAN 02 €3.50
1 B Vacuum tube 833 1776



2019 - 115th anniv. of the National Post Office

PAN 03 €30.00
5 B Teletype, calculator, Internet, @-symbol,
LCD screen (smart phone)

----- Catalog by country P

PAPUA NEW GUINEA



1973, Jan. 24 - Telecommunications



PNG 01-02 €3.50
9 c Teleprinter, punch tape
30 c Punch tape
363-4 238-9

1983, Sept. 9 - WCY

PNG 03 €1.50
10 t FO, teletype, perforated tape
584 463



1996, Sept. 11 - Radio centenary

PNG 04 €4.00
50 t CD 903 782

1999, Dec. 31 - Millennium

PNG 05-07 €2.00
20 t Notebook
65 t PC, CD, Internet
K1 PC
966-9 869-72



2001, Dec. 1 - Millennium, overprint

PNG 08 €5.00
50 t on 65 t PC, CD, Internet
1010 907

----- Catalog by country P

2008, Dec. 1 - World AIDS day

PNG 09 €10.65
5 t LCD, VDT
1339 1359



PARAGUAY

1944, Nov. 29 - Primitive postal service among Indians



PAR 01-02 €40.00
1 c, 70 c Quipu
406, C142 552, 568



1945, Feb. 20 - First telegraph in South America



PAR 03 €18.00
2 c Perf. tape telegraphy
C135 553

1946, Sept. 21 - Postal service



PAR 04-05 perf. €25.00
PAR 05 imperf. €f.p.
2 c Perf. tape telegraphy
5 c Quipu
436-7 611-2

1946 - Primitive postal service among Indians, surcharged



PAR 06 €6.40
5 c on 70 c Quipu
C157 609



Double surcharge

----- Catalog by country P

1965, June 5 - Scientists - Galileo Galilei



PAR 08 perf. €5.50 imperf. €6.25
0.20 G, 12.45+6 G Portrait
873, 6 1433, 6



PAR 09 sheet: perf. €30.00 imperf. €f.p.
12.45+6 G Portrait
876a B69-70 (1435-6, 1443-4)

1966, July 11- Italian contributions in space



PAR 10 perf. €7.00
0.15 G, 18.15 G Leonardo da Vinci
960, 5 1592, 7



PAR 11 imperf. €16.00
0.15 G, 18.15 G Leonardo da Vinci
1600, 5

1968, June 3 - Paraguayan stamps centenary, stamps on stamps

PAR 12 €0.30
0.50 G Quipu
1094 1830



----- Catalog by country P

1972, May 22 - Paintings in Asuncion Museum, strip of 5



PAR 13 €4.00
0.20 G Quipu (Holden Jara picture)

1442c 2327

1976, July 8 - Viking probe to Mars

PAR 14 €22.00
25 G Robotic space probe
C443 B282 (2833)



1976, Dec. 18 - UN Postal Admin., 25th anniv. and telephone cent.

PAR 15 €17.00
25 G Perf. tape, telegraphy
C447 B291 (2882)

1977, Mar. 3 - Space exploration

PAR 16 €4.30
15 G, 25 G Robotic space probe
1713-4 2899-3000



1978, June 30 - WC football

PAR 17 €30.00
25 G Computer graphics
C461 B324 (3071)

1986, Sept 1 - German railroads

PAR 18 €9.50
10 g Werner von Siemens - portrait
C656 4026



----- Catalog by country P

1992, July 30 - Education

PAR 19 €3.00
300 g Abacus 2403 4583

1997 - MEVFIL '97, overprint in red



PAR 20 €4.00
50 g, 250 g IT conference
2569-70 4750-1

2001, Oct. 23 - YDAC



PAR 21€4.20
3000 g Keyboard 2680 4863

2005, Aug. 1 (Dec. 28) - WSIS, overprint



PAR 22 €3.00
2 * 5000 g IT
2797-8 4965-6



PERU

1972, Aug. 21 - EXLIBRA '72

PER 01 €0.90
5 s Quipu C341 860



1977, May 30 - WCD

PER 02 €2.00
20 s Printed circuit C463 1054

----- Catalog by country P

1985, July 24 - Radio club

PER 03 €1.10

1300 s Terminal

860 1303



1994, Mar. 4 - CONCYTEC

PER 04 €2.50

1 s MIC

1065 1507

2000, Jan. 1 - Millennium

PER 05 €8.00

10 SI Microchip

1250 B17 (1725)



2002, May 16 - YDAC

PER 06 €2.40

1.80 SI Keyboard

1323 1810



2004, July 5 - UPAEP education

PER 07 perf. €3.60

imperf. €45.00

4.80 SI PC

1430 1945



PHILIPPINES

1983, Dec. 1 - Xavier University

PH 01 €0.80

40 s, 60 s Computer

1647-8 1545-6



1987, Dec.22 - UN project, transport and communications decade

PH 02 perf. €5.00

imperf. €10.00

1 p Terminal

1907b 1834

----- Catalog by country P

1990, Oct. 24 - UN development program

PH 03 €1.80

1 p, 5.50 p Terminal

2034-5 1991-2



1993, Dec. 14 - Philippines 2000

PH 04 €4.80

6 p PC

2280 2369

1995, Sept. 1 - Asian Pacific postal training

PH 05 €1.40

6 p PC

2370 2534



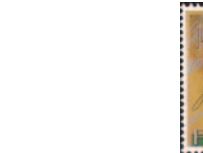
1995, Nov. 27 - 50 years SGV & Co.

PH 06 €0.40

2 p Abacus

2384 2570

1997, Apr. 18 - 50 years J. Walter Thompson



PH 07 €0.80

4 p URL

2474 2803

2000, Mar. 2 - 150th anniversary La Union Province

PH 08 €2.30

5 p Control center

2659 3127



2000, Mar. 1 - GMA Network anniv.

PH 09 €0.80

5 p @-symbol

2662 3151

----- Catalog by country P

2000, Sept. 26 - Equitable PCI Bank

PH 10 €0.70

5 p Mouse, printed circuit
2682 3188



2000, Dec. 28 - Millennium comm. and information

PH 11 €0.60

5 p PC

sheet €10.00

2709c 3227

2001, Oct. 24 - YDAC

PH 12 €2.20

5 p Computer

2754 3291



2011, June 13 - National information and communication technology month

PH 13-14 €1.50

7 p Automated election

7 p Keyboard

4513-4



2011, Nov. 14 - National Bureau of Investigation

PH 15 €1.00

7 p Laptop

4592

2014, Apr. 20 - 80 years PCSO



PH 16 €1.60

2 * 10 p @-symbol

4813-4

----- Catalog by country P

2014, Nov. 19 - 110 years Filipino Chinese Chamber of Commerce

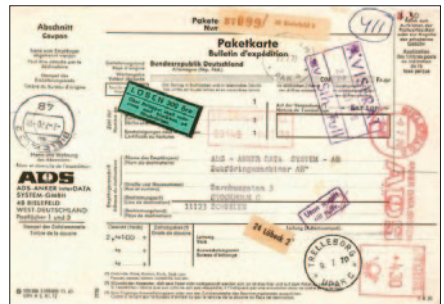


PH 17-18 €1.60

10 p Abacus

10 p Laptop

4879-80



Parcel post ADS - ANKER DATA SYSTEM Company, used from BIELEFELD - Germany to STOCKHOLM - Sweden.

ADS is founded (1876) in BIELEFELD - Germany and provides data system solution for shopping (author's collection).



Year 2000 - Y2K bug in network by e-mail. Computer network by means of which have been sent e-mails, the symbol of the virus of the millennium (Y2K) (author's collection).

----- Catalog by country P

PITCAIRN ISLANDS



1995, Sept. 5 - Radio centenary



PIT 01-02 €8.00
20 c Perf. tape, telegraphy
\$1.50 PC
432, 434 461, 463



2000, June 28 - Millennium 3

PIT 04 €5.50
\$3.00 PC, printer 527 567



1999, Feb. 15 - School days

PIT 03 €7.50
\$3.00 PC, mouse 499 533

2001, June 11 - Domain name

PIT 05-08 €7.00
20 c Binary code, Microsoft keyboard, URL, CD, printed circuit
50 c Binary code, motherboard, URL
\$1 Binary code, chip, URL, CD
\$5 Binary code, mouse, URL, CD
539-42 584-7



2008, Feb. 28 - Pitcairn from space (Google earth)

PIT 09 €5.00
60 c, \$1.00, \$2.00, \$2.50 Computer graphics
665-8 749-52

----- Catalog by country P

POLAND



1952, June 1 - Leonardo da Vinci

PL 01 €1.10
30 + 15 GR Portrait B73 744



1971, Sept. 2 - VI session of the Polish technicians' conference

PL 02 €0.40
60 GR Punch tape 1831 2101

1971, Nov. 17 - Space exploration

PL 03 €0.50 sheet €4.50
2.50 ZI Robotic space probe
1851 2122, B47



1973, June 20 - Space

PL 04 €1.40
2 * 4.90 ZI MIC
1979-80 2255-6



PL 04 sheet €12.00
7 * 4.90 ZI MIC

B53-4

----- Catalog by country P

1975, Sept. 1 - Intl. Institute of Statistics

PL 05 €0.40
1.50 Zl Computer graphics
2115 2396



1975, Dec. 8 - Party conference

PL 06 €0.40
1 Zl Punch tape 2135 2419

1977, Apr. 4 - Technical cooperation

PL 07 €0.40
1.50 Zl Punch tape 2207 2495

1977, Apr. 22 - Engineers

PL 08 €0.20
1.50 Zl Computer graphics
2208 2496



1982, Nov. 23 - Mathematics

PL 09-12 €1.30
5 Zl, 12 Zl, 15 Zl Pixel
6 Zl Spierpinski - theory of chaos
2242-5 2836-9



1983, Aug. 16 - Enigma machine

PL 13 €0.40
5 Zl Enigma code 2582A 2875



1984, Sept. 29 - Police

PL 14 €0.50
6 Zl Control room 2642 2938

----- Catalog by country P

1988, Aug. 22 - FAO

PL 15 €0.50
15 Zl PC 2862 3156



1994, June 10 - Electronic industry

PL 16 €0.80
4000 Zl FO 3201 3494

2000, Jan. 2 - Year 2000

PL 17 €0.60
A Hard disk, LCD characters
3495 3805



2001, Feb. 22 - Internet

PL 18 €0.80
1 Zl Mouse, @, URL, fractal, LCD characters
3567 3877

2001, Oct. 9 - YDAC

PL 19 €1.70 tête-bêche €3.40
1.90 Zl Keyboard 3610,a 3926



2001, Nov. 5 - Warsaw Philharmonic

PL 20 €0.50 tête-bêche €1.20
1 Zl Computer animation
3613,a 4078

2003, Oct. 31 - Internet panorama of Poland

PL 21 €1.30
2.10 Zl URL 3699 4078

----- Catalog by country P

2005, Aug. 5 - World championships in athletics Helsinki, sheet



PL 22 €4.05
2 * 1.30 Zł, 2 * 2 Zł LED characters
3789 B165 (4200-3)

2006, May 19 - Washington 2006 world philatelic exhibition, sheet



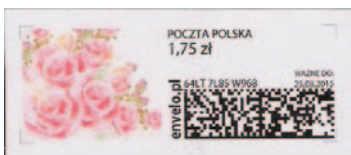
PL 23 €1.50
2.40 Zł LED characters
3822 B170 (4270)

2009, Aug. 27 - Polish over the world



PL 24 €2.40
1.95 Zł Enigma machine
(Jerzy Rozycki, Marian Rejewski,
Henryk Zygałski)
4442

2012 (starting up) - P-stamps



PL 25-25a €5.00
A URL, Internet
1.75 Zł, 3.79 Zł ...URL, QR - code, Internet

----- Catalog by country P

2014, Feb. 7 - Olympic games, sheetlet



PL 26 €16.00
2 * 1.75 Zł, 2 * 5 Zł QR - code
4658-9

2014, Apr. 11 - Poland gold medals

PL 27 €11.00
3*4.20 Zł QR - code
4671-3 (B225)



2014, Oct. 10 - National philatelic exhibition WARSZAWA 2014, sheetlet

PL 28 €70.00
8 * (30 gr, 45 gr, 55 gr, 65 gr, 1.10 Zł, 1.20 Zł,
1.30 Zł, 1.40 Zł) QR - code
4716-23

2018, July 23 - Sights



PL 29-30 €5.70
2.60 Zł, 5.20 Zł QR - code
5000-1 sheetlet €23.00



2020, June 15 - Centenary of the daily newspaper "Rzeczpospolita"
PL 31 €2.30
3.30 Zł Keyboard
5214

----- Catalog by country P



PORTUGAL

1973, Apr. 11 - Productivity year



POR 01 €1.80
1 E, 4 E, 9 E Graphs
1167-9 1196-8

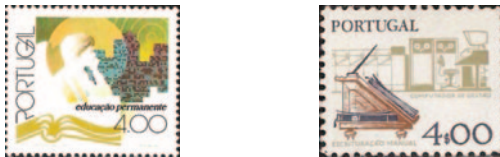
1973, June 25 - Communications



POR 02-03 €2.50
1 E Weather map
3.80 E Digital signal
1180-1 1209-10

1977, July 20 - Education

POR 04 €1.20 special block €10.00
4 E Punch paper
1338, 1341a 1366y, 1366x-9x (B21)



1978, Feb. 15 - Equipment

POR 05 €1.20
4 E Mainframe 1364 1388

1978, Oct. 30 - Postal code



POR 06 €1.20
5 E Letter sorting
1406 1419

1981, Jan. 28 - National census



POR 07 €1.35
6.50 E, 16 E Punch card 1486-7 1514-5

----- Catalog by country P

1983, Feb. 23 - WCY

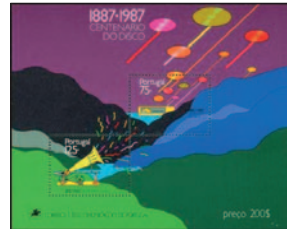
POR 08 €0.50
10 E Punch tape 1557 1586



1983, Sept. 14 - Equipment

POR 09 €4.00
16 E Letter sorting 1373B 1610

1987, Oct. 9 - Centenary phono-graph record, sheet



POR 10 €12.00
75 E CD 1712a 1734

1991, Oct. 9 -

History of Portuguese communications



POR 11 €2.50
110 E Printed circuit 1884 B80

1997, Aug. 29 - Natl. Laboratory of Civil Engineering, 50th anniv.



POR 12 €0.80
80 E Computer graphics
2178 2205

----- Catalog by country P

1999, Aug. 21 - 125 years UPU anniversary

POR 13 €1.30
140 E PC
2317 2363



POR 14 €3.00
315 E PC
2319 B156 (2364)

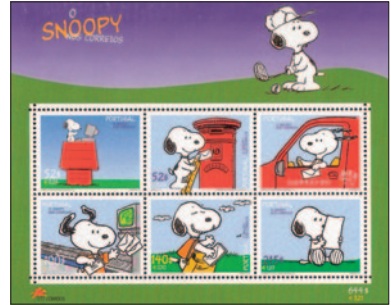
2000, Feb. 18 - 20th century



POR 15-19 €3.00 sheet €15.00
52 E Technology - printed circuit
52 E Technology - FO (30 x 30 mm)
52 E Binary code, Neumann and Turing
52 E Informatics & communications - printed circuit
52 E Binary code, @-symbol (30 x 30 mm)
2345h-i 2402-6

----- Catalog by country P

2000, Oct. 6 - Snoopy



POR 20-21 €8.00 sheet €10.00
52 E PC
100 E Mail sorting
2388, 2391, 2393a 2461, 2464, B165

2001, May 23 - Porto, European cultural capital

POR 22 €9.00 sheet €9.00
85 E Binary code
2427, 2431a 2509, B170



2001, Oct. 9 - YDAC

POR 23 €1.30
140 E Computer 2444 2539

2002, Apr. 23 - Astronomy

POR 24 €1.00
€0.28 Astrolabe 2480 2584

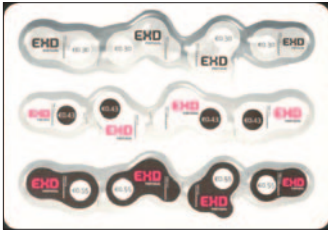


2002, Sept. 9 - 13th World Economic Congress

POR 25 €1.20
€0.70 @-symbol 2507 2613

----- **Catalog by country P**

2003, Sept. 17 - Design experiment, s-a sheet



POR 26 €10.00
4 * €0.30, 4 * €0.43, 4 * €0.55 CAD
2575 2707-18

2004, May 17 - 100 years telephone



POR 27-28 €3.00
€0.56 FO
€0.72 LCD screen
2655-6 2823-4



POR 29 sheet €4.00
€1.00 LCD screen
2657 B197 (2825-6)

2005, Oct. 11 - Media Internet

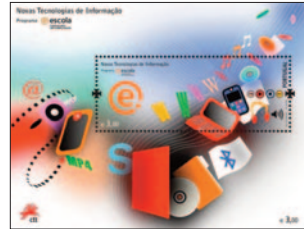
POR 30 €3.60
€0.74 @-symbol
2764 2990



----- **Catalog by country P**

POR 31 sheet €9.30
€1.55 URL 2766 B228

2008, Sept. 15 - New technologies, "E-School" programme



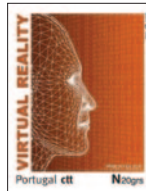
POR 32 €3.00
€3.00 IT
3323 (B271)

2008 - P-stamps

POR 33 €5.00
N20grs Virtual reality

2008, Oct. 9 - School post

POR 34 €2.95
€0.31 PC 3083 3360



2008 - P-stamps

POR 35 €2.00
N20grs Keyboard, URL

2012, Oct. 19 - Energy



POR 36 €9.80
€0.47 Printed circuit, keyboard
3799

2014, March 6 - 800 years Notary in Portugal

POR 37 €1.50
€0.80 LED screen, barcode
3908



Catalog by country P-Q

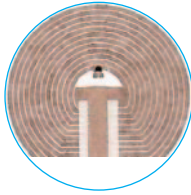
2019, Oct. 22 - Christmas



POR 38 €8.00
€ 3.50 NFC technology
4571 (B454)

Contains a light emitting diode integrated into the stamp image, which can be activated using a smart phone via NFC technology

2020, Nov. 11 - Time for hope, m/s



POR 39 €11.50
2 * € 2.50 NFC technology
4681-2 (B469)

Contains RFID transponder made of grapheme under plastic film, which activates the poem "Contágio" (infection) by Miguel Torga (1907-1995)

PORTUGAL, PRIVATE POST - OPEN MAIL INTERNATIONAL

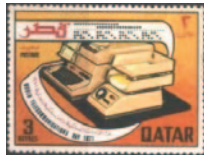
2018 - Tourism (Discover Portugal)



PORPP 01 €1.10
20 G (€ 0.95) QR - code, URL



1971, May 17 - WCD



QATAR

Catalog by country Q



QA 01-03 €17.00
3 d, 35 d Control room
5 d, 75 d Video telephone
3 R Punch tape
246, 248-51 453, 455-8

1973, Dec. 3 - UNO day

QA 04 €20.00
1.35 R Video terminal
370 577



1974, May 22 - UPU centenary

QA 05 €3.50
75 D Letter sorting by hand and computer
388 595

1979, May 17 - WCD

QA 06 €9.00
2 R, 2.80 R Symbol people screen
561-2 768-9



2001, Oct. 9 - YDAC

QA 07 €2.20
1.50 R Keyboard 950 1184

2004, Nov. 1 - Personal stamps with tabs



QA 08 €1.10
5 * 50 URL
977-81 1235-9

----- Catalog by country R



ROMANIA

1945, July 20 - Post & telegraph

RO 01 €16.00
2 * 150 L Perf. tape, telegraphy
590-1 869-70



1952, July 3 - 500th anniversary of Leonardo Da Vinci

RO 02 €7.00
55 B Portrait 878 1401

1953, Oct. 20 - Postal building

RO 03 €7.50
1.55 L Teletype 967 1448



1954, Dec. 20 - Telegraph

RO 04 €2.50
50 B Telewriter 1020 1496

1957, May 29 - ASIT

RO 05 €4.50
55 B Slide rule 1159-60 1645-6



1964, June 20 - 400th anniversary of the birds of Galileo Galilei

RO 06 €1.50
1.20 L Portrait 1647 2292

1966, June 28 - Leibnitz

RO 07 €5.00
1.35 L Portrait 1855 2517



----- Catalog by country R

1968, Feb. 6 - Communications, size 22½x28 mm

RO 08 €13.00
5 L Teleprinter
1988 2657



1970, Nov. 28 - EXPO '70



RO 09 block: perf. €6.00 imperf. €500.00
double perforations €400.00

5 L Computer art

2161 B80
Only 15 imperf. blocks are known

1971, Mar. 5 - Luna 16 - 17, sheet



RO 10 €5.00
2 * 3.30 L Robotic space probe
C182 B82

1971, Apr. 1 - Communications, size 16 ½x23 mm



RO 11 €18.00
5 L Teleprinter
2283 2967

----- Catalog by country R

1971, Dec. 20 - Personalities



RO 12 €0.20
55 B J. Kepler
2309 3002

1974, May 11 - 100 years UPU



RO 13 €6.00
6 L Mail sorting 2492 3201



RO 13 FDC €25.00
Missing numbering, only on the First Day Cover exists.

1975, June 26 - European architectural heritage year



RO 14 €4.00
10 L Sarmisegetuza Regia - temporal calculator
2569 B121

1977, Dec. 30 - 30th anniversary of republic



RO 15 €1.70
1.20 L Mainframe
2746 3482

----- Catalog by country R

1978, Aug. 15 - Industrial development

RO 16 €2.80
55 B Control room 2786 3532



1979, Dec. 12 - Stamp day

RO 17 €0.50
2.10+1.90 L Mail sorting B447 3665

1986, Nov. 28 - Industry

RO 18 €4.80
4 L CORAL 4001 - mini computer
3421 4310



1995, Mar. 2 - Klussendorf vending machine

RO 19 €5.00
1 L ... 1700 L CVP
A1

1996, July 15 - Stamp day

RO 20 €1.50
1500+650 L Keyboard
4114 5201



1997, Mar. 27 - Famous people

RO 21 €2.00
200 L Edison 4146 5240

1997, July 15 - Stamp day



RO 22 €2.00
3600+1500 L PC 4166 5262

Catalog by country R

1998, Mar. 17 - S-a stamp



RO 23 €2.50
10 L ... 3800 L CVP



1998 - S-a stamp



RO 24 €5.00
10 L ... 1300 L CVP



2001, Aug. 31 - Cats, overprint

RO 25 €2.00
300 L on 90 L Mouse 4468 5594

Erroneous drawing: The mouse has the computer connection cable in the opposite part.

2001, Sept. 29 - 20th century

RO 26 €3.50
13500 L Microprocessor 4460 5606



2001, Oct. 9 - YDAC

RO 27 €0.80
8300 L Keyboard 4485 5612

2002, Mar. 1 - Famous men

RO 28 €1.70
16500 L Leonardo da Vinci
4508 5645



2002, Nov. 19 - Christmas day

RO 29 €1.80
15500 L PC 4552 5699

Catalog by country R

2004, Jan. 26 - IT



RO 30-33 €5.50
20000 L CD
20000 L Laptop
20000 L Antenna
20000 L Keyboard, diskette
4615 B336

2004, Sept. 10 - 23rd Congress UPU



RO 34 €14.00
77000 L SIVECO - software company
4465 5862

2005, Oct. 10 - WSIS



RO 35 €4.50 tête-bêche €9.50
5.60 L e-mail 4758 5992

2006, Jan. 27 - Grigore Moisil, computer pioneer



RO 36 €2.90
2.10 L Portrait 4786 6030

----- Catalog by country R

2008, Oct. 28 - National radio, 80th anniv.



RO 37 €1.10
2.40 L CAD
5078, a

sheet €2.20

6332, B439

2009, May 6 - Europe - Astronomy



RO 38 €20.00
6*2.40 L, 6*9.10 L Galilei, geometric military
compass
6357-8 (B445I-II)

2011, Dec. 15 - Romania - World premieres (II)



RO 39 €3.80 m/s €30.00
1.40 L Stefan Odobleja - the father of the
general cybernetics, chip
6574

----- Catalog by country R

2012, July 27 - London 2012 Olympic Games

RO 40 €7.80
1.20 L, 1.40 L, 2.10 L, 6.00 L LED circuits
6636-9



2013, Apr. 26 - World international property
day - Women and inventions

RO 41 €6.50
9.10 L G.M. Hopper, COBOL,
perforated paper tape
6704

2013, Nov. 29 - Romania, intelligence strategic



RO 42 €5.70 sheetlet €35.00
8.10 L Binary code
6761

2015, March 23 - 25th anniversary - Romanian
intelligence service



RO 43 €5.70 block €10.00
8.10 L, 14.50 L Binary code
6943, 6944 (B621)

2015, June 5 - 45th anniversary of ICI



RO 44 €5.50 sheetlet €28.00
7.60 L Laptop, Binary code
6961

----- Catalog by country R

RUSSIAN FEDERATION



1992, Mar. 17 - Space

RU 00 €0.60

5 R Display

6074 229



1998, Nov. 12 - 20th century

RU 01 €2.10

1 R Laptop, PC, Internet, virtual reality, computer graphics

6486 695

1999, Apr. 12 - International space station



RU 02 €0.80

7 R VDT

6505 B25

1999, Aug. 23 - UPU, 125th anniv.

RU 03 €0.50

3 R Mail sorting

6531 741



2000, Nov. 28 - 20th century - Technology



----- Catalog by country R

RU 04 €5.00

2 R, 4 R Control room

2 R Computer

6608d, e, k 866-7, 873

2001, Jan. 24 - IT

RU 05 €16.50

50 R PC

6619 887

2001, Oct. 9 - YDAC

RU 06 €0.60 sheet €6.00

5 R Keyboard

6667 943



2002, Sept. 2 - Ministries

RU 07 €1.70

3 R PC

6714 1013

2003, Sept. 12 - Russian journalism, 300th anniv.

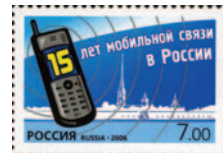


RU 08 €1.00

10 R Laptop

6796 B62 (1120)

2006, Oct. 12 - Mobile telephone communications in Russia, 15th anniv.



RU 09 €0.60

7 R LCD screen

7004 1383

----- Catalog by country R

2012, Feb. 27 - Winter Olympic Games



RU 10 €5.50 booklet €20.00
25 R QR-code
B158

2013, June 25 - Summer Universiade in Kazan, block



RU 11 €3.00
25 R QR-code
B185

2014. Feb. 7 - XXII Olympic Winter Games 2014 in Sochi, block



RU 12 €18.00
25 R, 50 R, 75 R QR-code, URL
2914-6 (B198)

----- Catalog by country R

2014, Mar. 7 - XI Paralympic Winter Games 2014 in Sochi, block



RU 13 €18.00
25 R, 50 R, 75 R QR-code, URL
2023-5 (B200)

2014. Apr. 25 - Olympic Winter Games 2014 in Sochi - medals, blocks, overprint



RU 14-15 €60.00
25 R, 50 R, 75 R QR-code, URL
B1981, B2001

2018, Apr. 28 - 30th International and Communication Technology Exhibition SVIAZI

RU 16 €3.90 sheetlet €35.00
40 R Emblem 2555



2019, Apr. 5 - 25th anniv. of National Top-Level Domain for Russia

RU 17 €3.00 sheetlet €27.00
32 R URL 2681

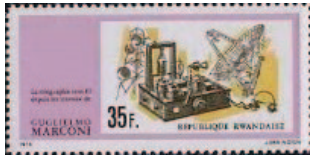
----- Catalog by country R



RWANDA

1974, Aug. 19 - Marconi birthday centenary

RW 01 perf. €3.50 imperf. €5.00
35 F Vacuum tube 591 638



1974, Oct. 9 - UPU centenary

RW 02 perf. €2.50 imperf. €15.00
30 c Inca quipu 603 662

1976, June 21 - Telephone cent.

RW 03 perf. €2.60 imperf. €15.00
60 F Punch tape 753 814



1977, Feb. 7 - OCAM conference

RW 04 €1.80
26 F Electronic calculus 797 861

1977, May 23 - WCD



RW 05-06 perf. €4.00 imperf. €12.00
50 c Perf. tape, telegraphy
4 F Vacuum tube
811, 813 875, 877

1981, Sept. 1 - Communications



RW 07 €9.00
2.50 F Perforate paper tape
1046 1130

----- Catalog by country R-S

1984, May 21 - WCY



RW 08-09 €6.00
10 F FO
100 F Perforated paper tape
1178, 1182 1262, 1266



SAINT HELENA

1992, Dec. 4 - Radio St Helena

STH 01 €5.50
13 p Magnetic tape 584 588



1999, Nov. 26 - Telecommunications

STH 02 €4.00
20 p LCD screen, FO 745 765

2005, July 15 - End of WWII, 60th anniv.



STH 03 €7.00
30 p Alan Turing and
Enigma machine
874f 933



Porto card issued by Deutsche Post (1998).

SAINT KITTS



1986, Sept. 18 - Agriculture exhibition

STK 01 €2.00
\$1.20 Computer system
184 179



1994, Sept. 27 - Telecommunications

STK 02-03 €3.00
10 c FO
25 c PC
394-5 403-4

1999, Dec. 29 - Children's drawings celebrating the millennium



STK 04-06 €1.60
30 c Computer in 2000, CD unit
50 c PC desk
\$1 CD
470-2 513-5

SAINT LUCIA



1983, July 12 - WCY

STL 01 €6.50
\$2.50 Blind school computer, network, magnetic
tape unit
610 605



STL 02 €5.00
\$ 5 Program listing 611 B36 (606)

SAINT PIERRE & MIQUELON



1967, Nov. 20 - Television

STP 01 €6.00
40 F Vacuum tube 375 422

1974, Nov. 26 - Copernicus

STP 02 €12.00
4 F Kepler C56 501



1986, Oct. 22 - Fishing

STP 03 €1.30
1 F, 1.40 F CRT display, LCD characters
478-9 540-1

1987, Oct. 14 - Fishing

STP 04 €1.10
1.10 F, 1.50 F CRT display, LCD
480-1 550-1

1988, Aug. 7 - Fishing

STP 05 €1.20
1.30 F, 1.60 F CRT display, LCD
482-3 562-3

1989, July 14 - Fishing

STP 06 €1.20
1.40 F, 1.70 F CRT display, LCD
484-5 579-80

----- Catalog by country S



SAINT THOMAS AND PRINCE ISLANDS

1979, July 6 - Intl. comm. day



STT 01 €0.20
1 Db Symbol people screen
509 575

2007, Feb. 2 - Mars exploration



STT 02 €8.20
9000 Db, 10000 Db Robotic space probe
3001-2

2008, Mar. 28 - Inventors (I)

STT 03 €5.00
5000 Db Mohamed ben Muja Alkarismi
3494



2008, Mar. 28 - Inventors (II)

STT 04 €5.00
10000 Db Pascal and Pascaline
3501



----- Catalog by country S

2009, May 29 - UPAEP, sheet



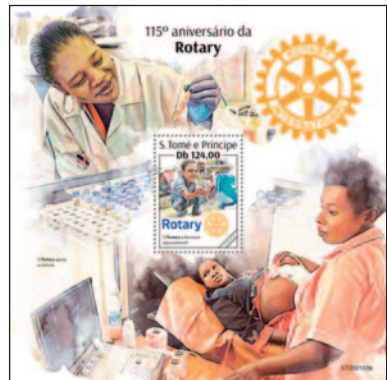
STT 05 €6.75
4*25000 Db Laptop
4025-8 (B685)

2018, May 19 - Space X, Transportation of a Tesla automobile into space



STT 06 perf. €19.00 imperf. €21.00
31 Db iPad 31 Db CD
7693-4

2020 - 115 years of Rotary International, sheet



STT 07 €6.75
124 Db Laptop

----- Catalog by country S



SAINT VINCENT

1985, July 10 - Musical instruments
 STV 01 €2.60
 25c, 35c, \$1, \$2 LCD characters
 845-8 844-7



1991, Nov. 18 - Anniversaries and events
 STV 02 €f.p.
 \$2 Leibniz - portrait 1557

1991, Nov. 25 - Famous people
 STV 03 €1.20
 \$1 W. Shockley, transistor
 1563c 1885



1994, June 27 - Star trek, the next generation, 7th anniv.
 STV 04 €28.00
 \$2 Robotics 2117 2855-63

1996, Jan. 8 - Disney characters at work, Mickey's transport workers
 STV 05 €6.50
 50 c Air traffic controller
 2248i 3416



1996, Jan. 8 - Disney characters at work, Mickey's scientists
 STV 06 €9.00
 95 c Mickey at computer (graphic)
 2251g 3441

----- Catalog by country S

1996, Jan. 8 - Disney characters at work, Mickey's school of education
 STV 07 €4.10
 \$ 1.10 Electronic teacher - VDT
 2252d 3447



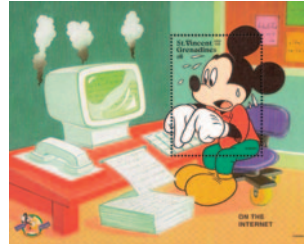
1996, Jan. 8 - Minnie's as librarian, sheet
 STV 08 €5.00
 \$6 VDT 2258 3465 (B368)

1996, Dec. 3 - Disney characters at work, Mickey's transport workers
 STV 09 €6.50
 10 c Air traffic controller
 3796



1996, Dec. 3 - Disney characters at work, Mickey's scientists
 STV 10 €9.00
 10 c Mickey at computer (graphic)
 3809

1998, Mar. 23 - Mickey Mouse, 70th birthday



STV 12 €5.50
 \$6 Internet
 2575 4348 (B453)

----- Catalog by country S

1999, May 6 - History of space explorations



STV 13 €2.00
 20c Galileo
 50c, 70c, 90c LCD characters
 2696-9 4625-8
 STV 13 sheet of 9 €24.00
 \$1 Robotic space probe
 2702 4647-55

2000, Mar. 13 - Millennium

STV 14-15 €3.50
 20 c Allan Turing - binary code
 20 c W. Shockley - transistor
 2764m, r 4842, 4847



2001, Nov. 12 - Photomosaic of Queen Elizabeth II

STV 16 €0.50
 \$ 1 Computer graphics
 2980 5383

2003, Apr. 7 - Astronauts killed in space, sheet of 4



STV 17 €22.0
 \$2 PC
 3084,6 5779-82, 5787-90

----- Catalog by country S

2003, Apr. 30 - Teddy Bear cent., embroidered

STV 18 €15.30
 \$15 CAD 3095 5791



2004, July 19 - D-Day, 60th anniv.

STV 19 €6.00
 \$ 5 Code breaking team at work
 3206 6023 (B631)

2006, Sept. 27 - Space exploration (Viking 1)



STV 20 €4.95
 \$1.50 Robotic space probe
 3525c



EL SALVADOR

1979, Oct. 19 - 8th COMPIMERA congress

SAL 01 €0.60
 10 c, 50 c LCD characters
 915, C462 1297-8



1983, Nov. 23 - WCY

SAL 02 €0.75
 50 c Sorting office 977 1483

1993, Apr. 26 - Secretary's day

SAL 03 €0.50
 1 c Typewriter 1345 1913

----- Catalog by country S

1996, Apr. 27 - Telecommunication workers

SAL 04 €1.75

1.50 c FO

1431 2017



1997, Feb. 6 - El Mundo newspaper

SAL 05 €6.00

10 c PC

1457 2050

1999, Sept. 14 - Central American Nutrition Institute

SAL 06 €1.70

5.20 c PC

1519 2166

1999, Oct. 22 - 125th anniv. of UPU

SAL 07 €3.00

4 c Terminal

1526 2174



2000, Oct. 9 - WPD

SAL 08 €2.00

5 c PC

1543 2234

2002, Apr. 26 - J.E. de BALAGUER y Albas



SAL 09 €3.60

5 c PC

1555 2267



SAMOA

1982, May 24 - 20th anniv. of independence

SAM 01 €2.70

\$1 Teleprinter

574 480



----- Catalog by country S

SAN MARINO



1982, Apr. 21 - Pioneers of science

SAN 01-02 €5.50

200 L Edison

5000 L Galileo Galilei, scientific instrument sector

1027, 1030

1257, 1260



1983, Apr. 21 - Pioneers of science

SAN 03 €1.50

1400 L Leonardo da Vinci

1046 1276

1995, July 8 - Radio centenary



SAN 04 €1.50

2 * 850 L LCD characters

1336-7 1615-6

2000, Feb. 2 - Century

SAN 05 €7.00

650L Computerized health

1469 1874



2000, Apr. 27 - Bologna, European city of culture

SAN 06 €4.00

1200 L Microchip, keyboard

1475 1887

2000, May 31 - Stamp in the future children's

SAN 07 €0.80

800 L Laptop

1481 1897



----- Catalog by country S

2000, Nov. 14 - 1700 years San Marino, booklet



SAN 08 €19.50
800 L PC

1494 MH4

2001, Sept. 10 - YDAC

SAN 09 €2.50

2400 L Keyboard

1517 1979



2013, Oct. 9 - UNESCO - Patrimony of humanity in Italy, sheet

SAN 10 €11.20

4 * €1.40 QR-code

B70



2016, Oct. 18 - Artificial intelligence



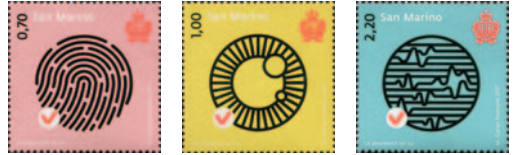
SAN 11 €9.00

€0.10, €1.00, €1.20, €1.60 Artificial intelligence
2685-8



----- Catalog by country S

2017, Sept. 26 - Biometric passwords



SAN 12 €9.00

€0.70 Fingerprint

€1.00 Retinal detection

€1.20 Voice recognition
2728-30



SAUDI ARABIA

1982, July 14 - Postal building

SAA 01 €2.50 sheet €28.00

115 H, 300 H Letter sorting

844, s 750, B15

1988, Feb. 13 - Traffic road conference

SAA 02 €1.00

50 H, 75 H Mobius strip

1073-4 906-7



2003, May 20 - 50th anniv. of Saudi Arabian Red Crescent Society

SAA 03 €1.00

1 r Control center

1333

1398

2003, July 1 - YDAC

SAA 04 €1.00

1 r Keyboard

1336

1423



2004, Nov. 1 - WSIS

SAA 05 €1.10

1 r IT

1352

1460



2006, Apr. 22 - Postal address system

SAA 06 €1.50

2 r Mailing system solution

1371 1487

----- Catalog by country S



2007, Nov. 11 - Women in science and education
 SAA 07 €1.50
 2 r PC 1391d 1529



SENEGAL

1977, May 17 - WCD
 SEN 01 perf. €1.50 imperf. €10.00
 100 F Printed circuit 449 633



1977, June 25 - Viking space mission to Mars
 SEN 02 €2.30
 300 F Space probe, control room
 C144 638

1978, Dec. 27 - Achievement of postal service
 SEN 03 €0.60
 50 F Teletype 499 690

1988, Mar. 23 - WDY
 SEN 04 €1.50
 145 F Punch tape 766 964



1989, June 2 - 3rd Francophone Summit
 SEN 06 €3.50
 200 F Terminal 828 1021

1989, Oct. 9 - CAPTEAO, 30th anniv.

SEN 07 €0.30
 30 F Punch tape
 834 1028



----- Catalog by country S

1990, Apr. 30 - Postal service
 SEN 08 €3.20
 100 F Terminal 891 1089



1992, June 12 - Children's rights
 SEN 09 €4.20
 45 F PC 1001 1204

1995, Sept. 9 - ECOWAS
 SEN 10 €0.90
 175 F PC 1165 1373

2002 - YDAC
 SEN 11 €2.00
 380 FR Keyboard 1517 1997



2006, May 3 - World numerical solidarity day
 SEN 12-14 €4.00
 200 F Monitor 370 F Printed circuit
 380 F Terminal, diskette 2086, 2088-9
 1591, 1593-4

2016, Oct. 4 - African Hub shop



SEN 15 perf. €20.00
 imperf. €30.00 proof €50.00
 200 F, 1000 F URL 2237-8

----- Catalog by country S

SERBIA



2007, July 10 - Great scientists

SRB 00 €3.15

40 d Analog computer, Lord Kelvin
210



2009, Sept. 21 - 50th anniv. of the "Golden Feather" International exhibition, Belgrade

SRB 01 €1.00

22 d Mouse

322

2011, June 3 - Digital technology, Internet

SRB 02 €1.50

22 d, 44 d @-symbol, URL

415-6



2011, July 13 / 2013, Feb. 19- Digital Serbia

SRB 03 €2.00

22 d Mouse, IT

430I / 430II

2011, Nov. 25 - 130 years of the Journalist's Association of Serbia

SRB 04 €0.50

22 d Laptop

441



2014, Apr. 1 / 2015, Nov. 10 - Definitive stamp:

Electronic computer cables

SRB 05 coated paper €0.30

1 d Ethernet, UTP LAN cables
548v

----- Catalog by country S

2015, June 5 - 175th anniversary of the Postal service in Serbia



SRB 06 €2.00

sheetlet €15.00

74 d @-symbol, www, FO (label)

616



Sheetlet proof €30.00

2015, May 15 - 150th anniv. of ITU



SRB 06a €1.80

sheetlet €16.00

74 d Binary code (label)

607

2015, Nov. 10 - Definitive stamp: Electronic computer cables

SRB 06b normal paper €1.00

1 d Ethernet, UTP LAN cables

548w (see SRB 05 image)

----- Catalog by country S

2018, July 10 - Science, booklet



SRB 07 €1.60
23 d Mihailo Petrović Alas, analogue computer 812

2019, Aug. 1 - Definitive stamp: Internet security for children

SRB 08 €1.00
4 d Mouse 886



2020, Feb. 24 - Definitive stamp: Internet security for children

SRB 08a €1.00
4 d Mouse

2020, July 10 - Science



SRB 09 €2.80
70 d Robotic hand sheetlet €28.00 946



SERBIA & MONTENEGRO

2004, Jan. 21 - Politika newspaper, cent.



SMN 01 €1.00
16 d (€0.25) Typewriter 227 3171, 3171Z

----- Catalog by country S

SEYCHELLES



1983, Feb. 25 - WCD

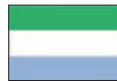


SEY 01-02 €5.00
40 c Radio control room
5 R Mail sorting
507, 510 523, 526



1990, Sept. 8 - Literacy

SEY 03 €5.50
10 R Calculator keyboard
715 733



SIERRA LEONE

1989, July 20 - Space exploration



SIL 01 €9.50
15 Le Robotic space probe
1069f, 1073h 1212-65

1990, Jan. 15 - Mars exploration



SIL 02-05 €55.00
175 Le Kepler, Galileo Galilei, CAD, Robotic space probe
1167a, b 1168, 1169g 1356-7, 1367, 1389

----- Catalog by country S

1995, Sept. 27 - 3rd UN decade for advanced of the woman

SIL 06 €1.30
300 Le Woman at PC 1821 2421

1996, Feb. 26 - Motion pictures cent.

SIL 07 €10.00
250 Le Robotics 1866 2494-2511



1996, July 15 - Space exploration

SIL 08 €4.00
300 Le Robotic space probe
1904f 2626

2000, Mar. 28 - Millennium 1600-1650

SIL 09-10 €5.00
400 Le Kepler 400 Le Galilei
2254j, o 3400, 3405



2001, June 18 - Photomosaic of Queen Elizabeth II

SIL 11 €1.00
1000 Le Computer graphics
2490 4107

----- Catalog by country S

2001, Dec. 7 - World Cup Soccer Championships, sheet



SIL 12 €13.00
1400 Le URL 2503 4128-33

2002, Jan. 24 - The century of steam ends and the century of electricity starts

SIL 13 €15.00
1100 Le Edison 2517b 4170



2003, Apr. 29 - Teddy Bears cent., embroidered stamp, sheet of 4

SIL 14 €8.00
12000 Le CAD 2598 4377

2016, Sept. 29 - Sport (Cyathlon)



SIL 14a €11.00 sheetlet €11.00
6000 Le Robotic hand
3929 7626

----- Catalog by country S

2020, Aug. 31 - 65th anniv. of Bill Gates



SIL 15-18 perf. m/s €6.00
 4 * 14500 Le Monitor, FO
 SIL 19 perf. €6.00 imperf. €20
 58000 Le Binary code

2020, Aug. 31 - 65th anniv. of Steve Jobs



SIL 20-23 perf. m/s €6.00 imperf. m/s €20.00
 perf. error €20.00

14500 Le Monitor
 14500 Le iPhone, Apple
 14500 Le Laptop, Apple
 14500 Le PC

SIL 24 perf. €6.00 imperf. €20
 58000 Le Monitor, iPad

----- Catalog by country S

SINGAPORE



1975, June 29 - Science and industry

SIN 01 €3.60
 10 c, 35 c, 75 c Computer dot design
 229-31 232-4



1975, Aug. 9 - National day

SIN 02 €4.20
 75 c Punch tape 234 237

1977, July 16 - Centenary of Post Office Savings Bank

SIN 03-04 €3.00
 35 c On line banking service, punch tape
 75 c GIRO service
 280-1 283-4



1977, Dec. 10-Science

SIN 05 €3.25
 35 c Punch tape, MIC 289 292

1979, Oct. 5 - Telephone service

SIN 06 €2.30
 75 c Printed circuit 328 334



1981, Apr. 4 - Technical education

SIN 07 €1.80
 50 c Electronics 373 402

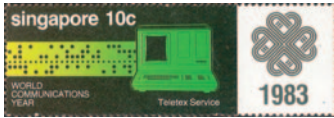


1982, Sept. 15 - Container terminal

SIN 08 €2.00
 35 c Terminal, mainframe
 401 409

----- Catalog by country S

1983, Nov. 10 - WCY



SIN 09-11 €3.00

10 c Punch tape
75 c, \$1 Informatics (IT)
430-3 436-9

1986, May 1 - 25th anniv. of National Trade Unions Congress - NTUC

SIN 12 €0.90
10 c VDT, LED circuit 484b 495



SIN 13 €2.10
35 c VDT, LED circuit 485 B19

1986, Aug. 1 - Economic development

SIN 14-15 €2.2
10 c Robotics
50 c IC, Monitor
487, 489 505, 507



1986, Oct. 15 - 21st anniversary citizen's consultative committees

SIN 16 €1.90
10c, 35c, 50c, 75c LCD characters
495 513-6

----- Catalog by country S

1987, July 1 - National service

SIN 17 €1.20
10 c Control center 506 528



SIN 17 sheet €3.00
5 * 35 c Control center 507 B20

1988, July 6 - Courtesy campaign

SIN 18 €2.00
30 c Cash register
533 561



1994, July 1 - National service man

SIN 19 €2.00
75 c PC 694 731



1994, Sept. 30 - Modern Singapore

SIN 20 €3.40
20 c, 50 c, 75 c, \$1 Barcode included in the selvage
699-702 737-40

1995, Apr. 19 - Independence, 30th anniv.

SIN 21 €3.20
\$1 IC (Stamp SIN 15 on stamp)
721 766



1997, Aug. 8 - ASEAN, 30th anniv.

SIN 22 €2.20
60 c Circuit board 810 861

1998, Aug. 6 - Orchids

SIN 22a €12.00
Local address, 70 c, 1 \$, 2 \$, 22 c Barcode
902-906

----- Catalog by country S

1998 , Sept. 9 - Flowers, strip of 4



SIN 23 €5.80

Local address, 35 c, 60 c Barcode
865a, 869a 907A-914A

1999, Dec. 31 - Singapore in the 20th century



SIN 24 €0.50

Local address PC 917f 973

SIN 24 sheet of 10 stamps and 5 labels €5.00

Local address PC, barcode
917 968-77

2000, Jan. 1 - Millennium

SIN 25-26 €4.60

Local address IT

\$2 Globalization
918a, d 978, 981



2000, Mar. 8 - Millennium personalized

SIN 27 €1.00

Local IC 923

2000, July 7 - Stamp in the future (WSE 2000)

SIN 28 €6.00 m/s €10.00

\$1 Home automation, Internet
945, 946a 1009, B76



2001, Mar. 12 - Commonwealth day

SIN 29 €3.00

60 c Students and PC 971 1037

----- Catalog by country S

2001, July 26 - Singpex



SIN 30 €6.00

\$4.32 Barcode 980 1055-64

2002, May 22 - Toys



SIN 31 €1.50

60 c Robot 1011 1171

2002, Nov. 20 - Singapore a global city, sheet



SIN 32 €7.50

2 * \$2 American Express label
1043c B88

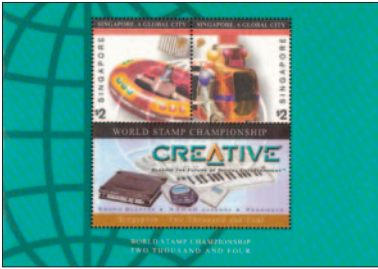


SIN 33 €7.50

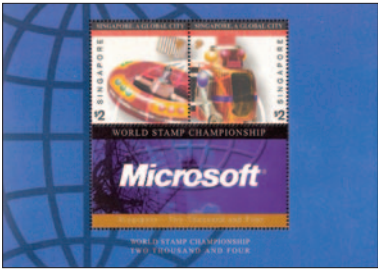
2 * \$2 Swatch - URL
1043g B92

----- Catalog by country S

2003, May 20 - A global city, sheet



SIN 34 €5.00
2 * \$2 Creative technology
1058d B96



SIN 35 €5.00
2 * \$2 Microsoft 1058e B97



SIN 36 €5.00
2 * \$2 Siemens 1058f B98

2003, July 18 - Opening of north east line rapid transit system



SIN 37 €8.00
\$2, \$5.64 System control room
1063-4 1243, B100

----- Catalog by country S

2004, June 23 - A global city, sheet overprint in margin with "World stamp championship" emblem in silver

SIN 38 €7.00
\$2 American Express label
1043h B88
SIN 39 €7.00
\$2 Swatch - URL 1043i B92
SIN 40 €7.00
\$2 Creative technology
1058i B96
SIN 41 €7.00
\$2 Microsoft 1058j B97
SIN 42 €7.00
\$2 Siemens 1058k B98

2006, June 20 - 25th anniv. of National Computerization Program

SIN 43-46 €2.50
1st Local URL, mouse, keyboard
60 c e-commerce, electronic documentation
80 c Computer science words
\$1 Wireless word
1205-8 1577-80



2007, Nov. 12 - National library

SIN 47-48 €3.80
1st Local Binary code
\$ 1.10 Notebook, URL
1283, 1285 1753, 1755

2008, Aug. 28 - 40 years of the Republic of Singapore Air Force

SIN 49 €2.80
2nd Local Control center
1337 1820



----- Catalog by country S

2013, Nov. 22 - 50 years of TV in Singapore



SIN 50-51 €4.00

1st Local Tablet, smarphone

50 c Videotext
2204-5



sheetlet €40.00



SLOVAKIA

1994, Dec. 12 - Famous persons

SLV 00 €1.60

6 Sk Kempelen

197 209



1996, May 30 - Slovak perspectives, 150th anniv.

SLV 01 €1.60

18 Sk Computer graphics

247 254

1997, Dec. 18 - Stamp day



SLV 02 €0.50

4 Sk Computer graphics

291 299

1999, Mar. 12 / July 15 - 125 years UPU



SLV 03-04 €1.20

4 Sk Letter sorting

12 Sk Zilina University - PC

323, 334

336, 344



----- Catalog by country S

2003, Feb. 14 / Apr. 30 - P-stamps



SLV 05 €5.00

7 Sk CAD

422a

446

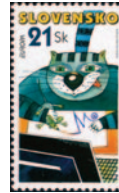
2008, May 5 - Europe CEPT

SLV 06 €1.80

21 Sk Laptop

543

581



2015, Jan. 30 - Valentine's Day

SLV 07 €1.00

sheetlet €8.00

T2 50G QR-code

755, 755 Zf



SLOVENIA

1994, Apr. 22 - EUROPA 94

SLO 01 €5.00

215 T Logarithms and slide rule

195 81

1996, Oct. 20 - Automatic sorting

SLO 02 €0.45

12 T Symbol

278 170



1998, Jan. 22 - EUROCONTROL

SLO 03 €1.20

90 T Control center

318

219



1998, June 1 - Red Cross solidarity, pair

SLO 04 €1.00

2 * 7 T Pixel

RA16

Z16-7

----- Catalog by country S

1998, Sept. 11 - Radio Ljubljana, 70th anniv.



SLO 05 €0.70
50 T Printer characters
331 236

1999, Sept. 16 - New millennium



SLO 06-07 €2.40
20 T Abacus, terminal, mouse
70 T PC, e-mail
357-8 268-9

1999, Nov. 1 - Red Cross solidarity, pair

SLO 08 €0.45
2 * 9 T Pixel RA18 Z19-20



2000, Jan. 20 - Postal service in Slovenia, 500th anniv.

SLO 09 €6.50
500 T @-symbol 388 286

2000, Nov. 1 - Red Cross solidarity, pair

SLO 10 €0.45
2 * 10 T Pixel RA20 Z22-3



2000, Nov. 21 - Advent of new millennium

SLO 11 €0.50
40 T @-symbol, LCD characters
441 332

----- Catalog by country S

2001, Sept. 21 - Foundation of first technical high school

SLO 12 €0.70
A Logarithms and slide rule
468 364



2001, Sept. 21 - YDAC

SLO 13 €0.80
107 T Keyboard 470 367

2003, Nov. 11 - Mail sorting and logistics center Maribor



SLO 14 €1.60
221 T URL, sorting solutions
537 442

2009, Nov. 27 - P-stamp, s-a



SLO 15-16 €2.00

B PC 817 D Letter sorting machine

2012, Mar. 30 - Europe CEPT



SLO 17-18 €6.50 sheet €19.50
€0.44 QR-code, @-symbol
€0.92 QR-code
952-3

----- Catalog by country S

2016, Nov. 4 - Sloven industrial design - Triglav computer (1985) from Iskra Delta designed by Vid Bratasevec

SLO 19 €1.50
€0.65 PC

1230



sheetlet €15.00



2016, Nov. 4 - 25th anniv. of Slovenia PTT, s/s
SLO 20 €2.60 s/s €3.00

€1.15 Binary code, printed circuit, @-symbol, barcode, display
1234 (B93)



SOLOMON ISLANDS

1985, June 25 - EXPO '85

SOI 01 €1.50

25 c Digital exchange

540

551



1987, Nov. 16 - Communications

SOI 02 €3.00

18 c Control center

602

663



SOMALIA

2002, June 10 - G. Marconi, sheet



SOM 01 €4.60

3200 sh Perf. tape, telegraphy
B89

----- Catalog by country S



SOUTH AFRICA

1975, Sept. 11 - Automatic sorting

RSA 01 €0.30

4 c Mail sorting

448 481



1998, Feb. 12 - Year of science and technology - Rhinoceros, booklet



RSA 02 €10.00

SP PC

1037a

1117

2000, Jan. 1 - Millennium

RSA 03 €0.40

SP Motherboard

1152

1244



2000, Mar. 2 - Standard postage - National Lottery

RSA 04 €0.40

SP Barcode in border

1153

1245

2001, Oct. 23 - Volvo Round - the World Yacht Race, sheet



RSA 05 €1.60

6 R GPS

1272 1417 (B85)

----- Catalog by country S

2001, Nov. 26 - Nelson Mandela, booklet



RSA 06 €12.00
45 R Internet C56 1430-9MH

2002, Oct. 9 - WPD, sheet



RSA 07 €1.00
4.75 R CAD 1296 B89

2003, Dec. 17 - Powered flight, cent.



RSA 08 €0.50
SP Internet consulting company, barcode
1331j 1541

2005, Feb. 23 - Rotary Intl. Cent.

RSA 09 €2.60
IARL Keyboard, mouse, barcode in border
C60a-b 1633-4



----- Catalog by country S

2009, Mar. 20 - Occupational health, strip of 5

RSA 10 €1.80
2 * SP PC 1394 1842-3

2010, Jan. 18 - Bridging the digital divide

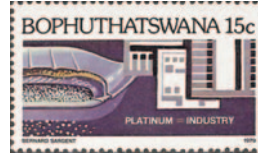


RSA 11 €6.00
5*SI PC, binary code
1886-90 (B126)



SOUTH AFRICA - BOPHUTHATSWANA

1979, Aug. 15 - Uses of platinum



RSAB 01 €2.50
15 c Printed circuit 48 48

1981, July 31 - Telephones

RSAB 02 €0.90
5 c Siemens & Halske 76 76



1982, Sept. 3 - Table telephones

RSAB 03 €0.60
25 c Siemens & Halske 95 95

1984, July 20 - Telephones

RSAB 04 €0.40
20 c Siemens 126 126

----- Catalog by country S

1990, Aug. 3 - Bus manufacturing, strip



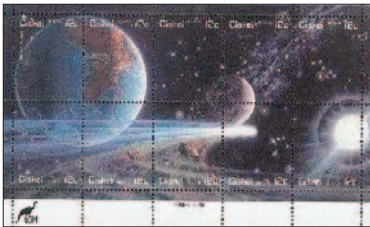
RSAB 05 €2.20
5 * 21 c MIC

248 243-7



SOUTH AFRICA - CISKEI

1986, Mar. 20 - Halley's comet



RSAC 01 €15.00
10*12 c MIC

89 87-96

1992, June 4 - ISY



RSAC 02 €3.20
70 c GPS Navstar

block €3.80
216, 219 (B7)



SOUTH AFRICA - VENDA

1990, May 23 - History of writing

RSAV 01-02 €1.70
40 c Computer screen characters
50 c Computer graphics
211-2 206-7



1991, June 6 - Inventions

RSAV 03 €1.20
50 c Chinese abacus 227 223

----- Catalog by country S



SOVIET UNION - USSR

1946, May 25 - 125 years birth day P.L. Tschebyshev



USSR 01 €2.00
30 k, 60 k Portrait
1050-1 1023-4

1958, May 26 / Nov. - Ministers meeting



USSR 02 type I (26 May) €16.00
- CSSR flag red stripe on top
USSR 02 type II (Nov.) €9.00
- CSSR flag red stripe at bottom
4 k Teleprinter
2067, 2067a 2084I, 2084 II

1960, June 17- Automation control

USSR 03 €1.00
60 k Conference symbol 2349 2358



1960, July 13 - Industrial automation

USSR 04 €1.00
40 k Numerical control 2357 2363

1961, Sept. 28 - Intl. youth forum

USSR 05 €1.00
4 k Rocket control 2504 2539

----- Catalog by country S

1962, Nov. 19 / Dec. 28 - Peoples progress



USSR 06-07 €3.00

4 k Teletype, punch tape

4 k Teletype

2668, 2672 2678, 2697

1963, Oct. 15 - Proclaiming peace

USSR 08 €1.50

4 k Control desk

2794 2811



1964, Dec. 30 - Galileo Galilei

USSR 09 €1.90

12 k Portrait

2986 3006

1965, Mar. 6 - ITU

USSR 10 €1.0

6 k Punch tape

3011 3031



1965, Aug. 5 - Technical basis

USSR 11 €1.00

4 k Control desks, transistor

3081 3097



1965, Nov. 20 - Postal service

USSR 12 €1.50

12 k Mail sorting

3103 3155



USSR 13 €0.30

4 k Control room

3246 3270

1966, Sept. 29 - Party Conference

----- Catalog by country S

1967, Aug. 16 - Telecommunications



USSR 14 €1.00

4 k Punch tape

3358 3378

1967, Dec. 25 - October revolution

USSR 15 €1.00

4 k Punch tape

3416 3437



1968, Oct. 16 - First radio tube generator

USSR 16 €0.40

4 k Vacuum tube

3526 3551

1970, Mar. 10 - Expo '70

USSR 17 €0.60

10 k Robot

3708 3736



1971, Feb. 16 - Planning commission

USSR 18 €1.00

6 k Punch tape

3827 3848

1971, Mar. 16 - Luna 17 on Moon



USSR 19 €3.00

10 k, 16 k Robotic space probe

12 k Ground control

3834-5, 3837, 3837a

B68

----- Catalog by country S

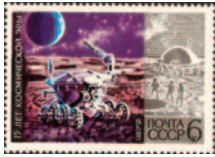
1971, Sept. 29 - Party Conference



USSR 20 €1.00
4 k Control center 3891 3926

1972, Sept. 14 - 15 years of space era

USSR 21 €1.00
6 k Robotic space probe
4010 4045



1973, Apr. 12 - Cosmonauts' day

USSR 22 €0.50
6 k Robotic space probe
4071 4107

1973, Apr. 12 - Cosmonauts' day



USSR 23 €3.40
2 * 20 k Robotic space probe, terminal
4072-3 B85-6

----- Catalog by country S

1974, Apr. 24 - Expo '74



USSR 24 €1.50
4 k ... 50 k Mobius strip
4188-93 4229-33, B95



sheet €1.30

1975, July 15 - Apollo-Soyuz



USSR 25 €4.00
50 k Space control center
4342 4375

1976, Sept. 17 - 25th Congress of the Communist Party



USSR 26 €0.50
4 k Control desk 4478 4518

1976, Aug. 10 - 1977 - Space

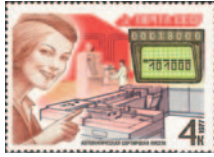


USSR 27 normal paper €2.00
USSR 28 dull and shiny paper €2.50
1 R Leibnitz
4528, 4607 4505, 4640v



----- Catalog by country S

1977, Nov. 16 - Mail sorting



USSR 29-30 €0.70

4 k OCR on envelope

4 k Letter sorting

4619, 4621 4671, 4673

1979, Oct. 18 - Signal forces

USSR 31 €0.40

4 k Punch tape, terminal

4784 4891



1980, June 4 - Space cooperation (USSR - Hungary)

USSR 32 €0.70

32 k Control center 4837 4966

1980, July 24 - Space cooperation (USSR - Vietnam)

USSR 33 €1.30

15 k Control center 4850 4979



1980, Sept. 15 - Space cooperation (USSR - Cuba)

USSR 34 €0.60

6 k Control center 4865 4994

1981, Feb. 18 - 10th five-year plan projects

USSR 35 €0.80

4 k, 4 k Control room

4911-2 5041-2



1981, Mar. 12 - DOSAAF

USSR 36 €0.30

4 k Transistor

4917 5048

----- Catalog by country S

1981, Mar. 20 - Space (Soyuz 35 - Salyut 6 - Soyuz 38)



USSR 37 €1.50

2 * 15 k Space control center

4919a 5049-50Zf

1981, May 15 - Space cooperation (USSR - Romania)

USSR 38 €0.70

6 k Control center

4940 5071



1981, July 15 - 26th Communist Party Congress



USSR 39-40 €0.50

4 k Perforated tape, robot

4 k Teletype

4963, 4966 5093, 5097

1982, June 24 - Intercosmos



USSR 41-42 €0.70

6 k ECG diagnosis

20 k Space control center

5059-60 5190-1

1983, Apr. 25 - Space (Salyut 7 - Soyuz T)



USSR 43 €0.70

2*10 k Space control center in black and white at the bottom of the label

5138a

5267-8Zf

----- Catalog by country S

1983, Sept. 6 - Mohamed ben Muja Alkarismi

USSR 44 €0.40

4 k Portrait

5176 5306



1983, Oct. 1 - Moscow centenary

USSR 45 €0.40

4 k Punch tape

5189 5319

1984, Jan. 1 - Moscow local broadcasting network, 50th anniv.

USSR 46 €0.20

4 k Control center

5214 5344



1984, May 15 - Institute of Electric Welding

USSR 47 €0.50

10 k Punch tape

5259 5389

1984, May 21 - 25th conference for electric and postal communications

USSR 48 €0.40

10 k Perforated tape (decorative ribbon)

5260 5390

----- Catalog by country S

1985, Mar. 17 - EXPO '85

USSR 51 €1.00

10 k Terminal

5342

5483



1986, July 15 - UNESCO

USSR 52 €0.80

5 k IT, perf. paper tape, keyboard

5474 5623

1986, Dec. 12 - Party Conference

USSR 53-54 €0.50

5 k PC, magnetic tapes, magnetic disk units

5 k Mainframe, control room

5516-7 5665-6



1984, Oct. 4 - TV from space, 25th anniv.



USSR 49 €1.90

20 k Space control center

5297 5439

1987, Mar. 8 - Lenin Young Communist League Congress, sheet

USSR 55 €0.90

50 k Control center

5539

B190

1987, July 24 - Space cooperation (USSR - Syria)

USSR 56 €0.60

10 k Monitor

5581

5738



USSR 50 €0.90

50 k Space control center

5299 B176

1988, Jan. 28 - Technical cooperation

USSR 57 €0.50

20 k Control center

5635

5796



----- Catalog by country S

1988, May 5 - Restricting "perestroika"

USSR 58 €1.00

5 k Terminal, welding robot
5664 5825



1988 - Space mail, overprint Mi #4640v

USSR 59 €3.00

1 R Leibnitz 5720 5862

1989, Nov. 24 - World stamp Expo '89 Wash- gton, block of 4



USSR 60 €1.60

20 k Robotic space probe
5836a 6020A-3A



USSR 61 imperf. sheet €2.10

5837 B210

1990, Feb. 20 - ITU, 125th anniv.



USSR 62 €0.40

20 k Terminal, FO 5880 6070

----- Catalog by country S



SPAIN

1955, Sept. 6 - Tores Y Quevedo

ESP 01 €4.00

50 p Portrait
C146 1056



1967, Mar. 27 - Paintings in Spanish caves

ESP 02 €0.10

1.50 p Counting on fingers
1453 1669



1967, Apr. 3 - 7th congress of Latin Radiologists

ESP 03 €0.20

1.50 p Vacuum tube 1460 1676

1976, June 16 - Postal service

ESP 04 €0.75

19 p Letter sorting 1957 2225



1979, May 17 - Telecommunications

ESP 05 €0.40

5 p Terminal 2149 2414

1980, Mar. 15 - Export

ESP 06 €0.50

19 p NC grinding 2206 2458



1981, Nov. 30 - Postal museum

ESP 07 €0.40

7 p Perf. tape, telegraphy
2273, 2275 2526, B24

----- Catalog by country S

1983, May 5 - Europe

ESP 08 €1.30

38 p Torres Y Quevedo 2326 2586



1984, Apr. 4 - Biosphere

ESP 09 €0.30

38 p MIC - MICR 2365 2625



1988, Nov. 24 - Christmas day

ESP 10 €0.50

20 p CAD 2581 2857



1995, May 12 - Centenary of the Press Association

ESP 10A €0.90

specimen €5.30

30 p Typewriter 3219

1996, Feb. / June / July - ATM stamps



ESP 11 €1.50 (each)

19 p, 30 p, 453 p @-symbol A12, A14

1998, Sept. 16 - 20th conference of protection data

ESP 12 €0.70

70 p Diskette, PC 2953 3394

2001, Feb 22 - Intl. campaign against domestic violence

ESP 13 €2.00

155 p Computer graphics, Mandelbrot set fractals

3080 3612



2001, Oct. 9 - YDAC

ESP 14 €1.50

120 p Keyboard 3119 3654

----- Catalog by country S

2002, Nov. 17 - Espana 2002 (II) / Salamanca, s-a (die cut perf. 13)

ESP 15 €1.50

€0.75 CD

3183 3794



2002, Nov. 17 - Espana 2002 (II) / Salamanca, sheet (perf 13 ¾ : 14)

ESP 15 sheet €5.00

€0.75 CD

3189 B111



2002, Nov. 23 - Espana 2002 (II) / Salamanca, sheet - Music (perf 13 ¾ : 14)

ESP 15a sheet €2.00

€0.75 CD

3189 3805 (B112)

2006, May 17 - Internet day

ESP 16 €0.60

€0.29 URL

3414 4131

2006, May 17 - Mathematics

ESP 17 €1.00

€0.57 Characters

3415 4132



2006, May 29 - Espana 2006 / Malaga, sheet

ESP 18 €1.50

€0.78 URL

3417 4134 (B150)

2009, Feb. 17 - Labor & friends

ESP 19 €2.00

€0.62 Keyboard

3625 4395



----- Catalog by country S

2010 - 1st electronic digital computer designed by Leonard Torres Quevedos (p-stamp)



ESP 20 €2.50 (each)
A Leonard Torres Quevedos

2011, Feb. 18 - Civic values (I)

ESP 21 €0.50
€0.35 Wireless mouse, internet
4591



2012, Jan. 9 - Civic values (II)

ESP 22 €1.40
€0.70 Screen 4670

2014, Feb. 12 - 100 years University of Applied Science for Telegraphy

ESP 23 €1.20
€0.54 Perforated paper tape
4865



2014, Mar. 14 - Information and communication technology (ICT) (I)

ESP 24 €0.90
A QR - code, emotion "Smiley"
4874

2014, June 27 - 75th anniv. of EFE News Agency

ESP 25 €1.00
€0.38 Typewriter, keyboard
4900

----- Catalog by country S



2016, July 4 - Information and communication technology (ICT) (III)

ESP 26 €1.00 premium sheet €20.00
€0.45 e-commerce, keyboard
4134 5082

2017, July 10 - Generation of the 1970s, m/s



ESP 27 €8.50
€0.60 FO 5183 (B296)



SRI LANKA

1986, Feb. 14 - Program for development and education

SRL 01 €0.80
75c Transistor 778 727



1987, Feb. 6 - Maphola scholarships

SRL 02 €0.70
75c PC, transistor 822 775

1989, Nov. 1 - Asian Pacific Telecomm.

SRL 03 €0.70
5.75 R Terminal, mainframe
932 882



----- Catalog by country S

1991, Nov.23 - Telecommunications



SRL 04-06 €2.00
 2 R Punch tape
 8 R Keyboard, network
 10 R FO, LCD technology, PC
 1017-9 966-8

1993, Dec. 17 - Centenary technical education

SRL 07 €1.50
 1 R PC 1085 1043



1994, Sept. 8 - INFOTEL LANKA
 SRL 08 €1.90
 10 Screen 1106 1059

1994, Oct. 11 - 500th anniv. double entry bookkeeping

SRL 09 €1.70
 1 R PC, chart 1114 1062



1998, Oct 7 - Year of IT
 SRL 10 €0.40
 2.50 Laptop 1229 1181

1999, Feb.10 - Telecommunications, 50th anniv.



SRL 11 €1.50
 2*3.50 A.C. Clarke portrait
 1250 1202-3

----- Catalog by country S

2000, Jan. 1 - Year 2000



SRL 12-13 €9.00
 100 re Laptop and girl
 100 re PC and man
 1292-3 1243-4



SRL 12-13 sheet €9.00
 1294a B79

2000, July 1 - Cooperative wholesale establishment

SRL 14 €0.50
 3.50 R Cash register 1303 1257



2001, Oct. 9 - YDAC
 SRL 15 €0.70
 10 re Keyboard 1346 1306

2003, May 21 - 25th anniv. board of investment

SRL 16 €0.50
 4.50 R Notebook 1425 1388



2003, Oct. 9 - WPD
 SRL 17 €1.20
 23 R VDU 1445 1436

----- Catalog by country S

2004, Nov. 29 - IT week

SRL 18 €0.20

5 re PC

1495 1482



2005, Oct. 9 - WPD

SRL 19 €0.40

5 re VDU

1520 1506

2006, Oct. 9 - WPD

SRL 20 €0.60

40 re VDU

1564 1596



2007, Feb. 13 - Asian Pacific telecomm., overprint

SRL 21 €0.20

0.50 re on 5.75 R Terminal, mainframe
1576 1615

2007, Oct. 9 - WPD



SRL 22 €0.20

5 re PC

1610 1647

2009, Feb. 13 - Year of English and IT

SRL 23 €0.30

5 re CD, PC

1730



2010, Oct. 9 - WPD

SRL 24 €0.50

5 re Internet

1811

----- Catalog by country S

2014, Oct. 9 - WPD

SRL 25 €0.60

10.00 R Internet

2012



2020, Oct. 2 - World children's day

SRL 26 €0.70

15.00 R Notebook

sheetlet €14.00

2324



SUDAN

2002, Jan. 31 - YDAC

SU 01 €30.00

100 D, 150 D, 200 D Keyboard

532-4 546-8



2002, Feb. 14 -AI - Zubair prize for scientific excellence and innovation

SU 02 €30.00

100 D, 150 D, 200 D PC

535-7 549-51

2002, Feb. 14 - Scientific innovation

SU 03 €10.00

100 D, 150 D, 200 D Atom, PC

529-31 552-4

2005, Sept. 24 - WSIS

SU 04 €7.50

200 D, 300 D, 400 D IT

579-81 603-5



2011, July 27 - e.Government

SU 05 €22.00

3 SDG, 5.5 SDG, 7 SDG IT

655-7

----- Catalog by country S



1972, Nov. 29 - Child welfare

SUR 01 €1.90
15+8 c Abacus
B188 639

SURINAM



1990, May 3 - Stamp world London

SWA 01 €0.50
60 c Terminal

SWAZILAND

556 565



1994, Nov. 30 - ICAO

SWA 02 €3.00
E2 Control center

639 643

1999, Oct. 9 - 125 years UPU

SWA 03-04 €1.80
60 c Internet service
690-1 694-5

80 c LCD screen



2008, Oct. 28 - Kula Misa

SWA 05 €3.00
E2.75 PC

791 803



1967, Dec. 9 - Nobel Prize



SWE 01 €6.00
35 O Michelson
769, 771, 771a

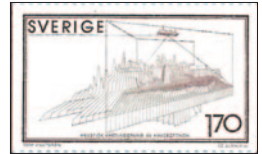
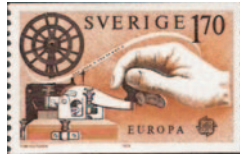
SWEDEN

596

----- Catalog by country S

1979, May 7 - Europe CEPT

SWE 02 €2.00
1.70 Kr Punch tape (single channel)
1279 1059



1979, Oct. 6 - Fishing development

SWE 03 €2.00
2 * 1.70 Kr Computer graphics
1303a C74

1983, Feb. 10 - Book printing



SWE 04 €0.50 booklet €6.00
1.65 K Photo typing - laser printing
1452 1229

1984, June 6 - Patent office

SWE 05-06 €5.00
2.70 K Robot 2.70 K IC
1497, 1500 1283, 6



1986, Aug. 29 - STOCKHOLMIA '86, booklet

SWE 07 €16.00
2.10 K Mail sorting 1610a C116

1997, Aug. 21 - Swedish elk



SWE 08 €6.00
BREV Barcode elk 2245a 2010-5

----- Catalog by country S

1999, May 20 - Bicycles

SWE 09 €4.50

6 Kr Binary code

2352 2120



2000, Mar. 17 - Millennium type 1998, Sweden in years 1970-1999

SWE 10 €11.00

BREV URL, @-symbol, terminal, binary code

2381 2164



SWE 10 booklet €11.00

BREV Laptop

2388a MH264

2000, Oct. 7 - Toys, booklet



SWE 11 €10.00

BREV Robot

2400 MH268

2000, Oct. 16 - Christmas day

SWE 12 €2.80

2 * 6 Kr Fractals - von Koch snow flake

2403

2207-8



2010, Aug. 26 - Crime novels

SWE 13 €6.50

6 Kr Binary code, notebook

2772

----- Catalog by country S

2017, Jan. 12 - Retro objects, s-a



SWE 14-15 €14.00

booklet €28.00

6.50 Kr LCD screen

6.50 Kr Laptop

2793C-D

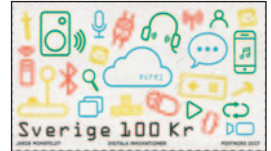
3154-5

2017, Nov. 11 - Digital innovations, s-a

SWE 16 €27.00

100 Kr Wi Fi

3195



SWITZERLAND

1970, Feb. 26 - Telecommunications

CH 01 €0.25

20 c Punch tape

510 908



1970, Sept. 17 - Census

CH 02 €0.30

20 c Mark sensing

518 930



1973, Feb. 15 - Commercial employees

CH 03 €0.90

30 c MICR-CMC7

556 989

1974, Mar. 28 - Europe



CH 04 €1.12

30 c Möbius strip

594

1029

----- Catalog by country S

1976, Sept. 16 - Technical cooperation, fluorescent paper

CH 05 €2.00
100 c Stylized computer
903 UPU13



1983, Feb. 17 - Journalists

CH 06 €2.00
70 c Continuous computer paper
735 1247

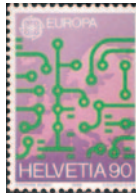
1983, Feb. 17 - Machine Manufacturers' Assoc. cent.



CH 07 €1.00
30 c Cycloidal computer pattern
736 1240

1986, Sept. 9 - Postal service

CH 08-09 €0.50
10 c Encoding
25 c Preparing
781-2 1322-3



1988, May 24 - CEPT

CH 10 €1.30
50 c, 90 c Printed circuit
822-3 1370-1

1988, Sept. 13 - ITU activities



CH 11 €1.00
1.40 F FO, LCD characters
10014 UIT14

----- Catalog by country S

1988, Nov. 25 - Child development

CH 12 €3.85
80+40c Counting on fingers
B548 1383



1989, Nov. 24 - Pro Juventute

CH 13 €4.00
80+40 c Circuitry, CAD, terminal
B557 1407

1993, Jan. 19 - Definitive

CH 14 €0.60
60 c Barcode 905 1489

1993, Jan. 19 - Definitive, booklet pair

CH 15 €1.50
2 * 60 c Barcode
905pair 1489DD



1993, Jan. 19 - Definitive, A-post

CH 16 €0.80
A Barcode 908 1490

1994, Mar. 15 - Book and press

CH 17 €2.50
100 c Text processing 944 1522



1995, Nov. 28 - PostNet system, fluorescent paper

CH 18 €2.10
180 c Terminal 9016 UPU16

1998, Sept. 9 - Youth sports, booklet



CH 19 €4.00
5 * 70 c URL on the label
1034a 1658-62

1999, Mar. 9 - Comic books, booklet



CH 20 €5.00
5 * 90 c URL
1047a 1675-9

1999, Mar. 9 - ITU telemedicine



CH 21-22 €1.30
10c, 100c Screen characters, mouse pointer
10016,7 UIT 16, 17

2000, June 21 - Embroidery (textile stamp)

CH 23 €11.00
7 fr CAD 1075 1726



CH 23 sheet of 4 €180.00



Draft stamp on paper

2000, Sept. 15 - Census

CH 24 €0.70
70 c Characters - font
1079 1730

2005, Sept. 6 - Swiss mobil

CH 25 €5.85
0.85 CHF, 1.00 CHF, 1.30 CHF, 1.85 CHF LCD
screen
1217-20 1929-32

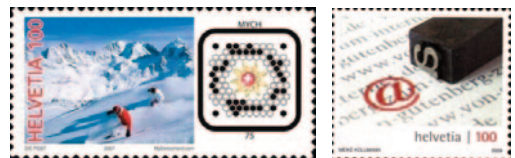


2005, Nov. 22 - Pro Juventute

CH 26 €6.50
100+50 c Laptop B695 1943

2007, Oct. 31 - Stamp link to the Internet, s-a

CH 27 €1.00
100 c Internet, Mobile tagging
1286 2030



2009, May 8 - From Gutenberg to the Internet

CH 28 €1.30
100 c Internet 1344 2106

----- Catalog by country S

2019, May 2 - Europe: Domestic birds



CH 29 €5.00 sheetlet €40.00
2 * 100 c CEE-App, barcode
2600-1



SYRIAN ARAB REPUBLIC

1971, Aug. 25 - Damascus fair

SY 01 €1.00
15 P Electronics 596 433



1980, Dec. 30 - Children day

SY 02 €0.50
25 P Abacus 902 1492

1982, Nov. 4 - ITU, plenipotentiaries' conference

SY 03 €1.00
50 P Perforated paper tape 971 1552



1983, Oct. 14 - Standardization day

SY 04 €1.00
50 P MIC 988 1576

1996, Sept. 5 - NICE

SY 05 €1.00
18 L PC 1375 1979



----- Catalog by country S-T

1996, Nov. 2 - 36th science week

SY 06 €10.00
10 L Astronomical computer
1379 1982

1998, May 1 - Labor Day

SY 07 €0.50
18 L Terminal and industrial application
1407 2010



2001, Mar. 8 - Revolution

SY 08 €0.70
25 L PC 1465 2068

2003, Dec. 10 - Information week

SY 09 €1.00
15 L Terminals 1536 2147

2005, Nov. 16 - WSIS

SY 10 €1.50
17 L IT 1759 2204



2009, May 1- Intl. Workers Day

SY 11 €0.60
15 L Laptop 2310



TAJIKISTAN

2001, Dec. 17 - Regional communications accord, block



TAD 01 perf. €2.30 imperf. €3.00
1 s LED / LCD characters
179 197A, B; B27A, B

----- Catalog by country T

2003, Sept. 1 - Science Academy



TAD 02-03 €2.00
1.23s FO
1.23s CRT monitor
225 288-9

2006, Sept. 12 - CIS & communication system, sheet



TAD 04 €5.30
2 * 1.50 s Perforated paper tape
287 439-40 (B46)

2013, July 16 - 20 years of Association of Academies of Scientist

TAD 05 perf. €4.50 imperf. €50.00
2.50 s PC
622A, 622B



2020 - UNITED against COVID-19

TAD 06 €24.00
5.80 s Laptop
Yv 655-666



TANZANIA

1976, Apr. 15 - Telecommunications



TAN 01 €0.50
3 s Magnetic tape unit
57 57

----- Catalog by country T

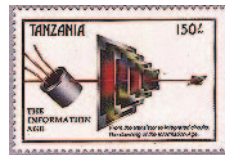


TAN 01 sheet of 4 €1.90
Simulated perforation
57a B1

TAN 01 proof strip €200.00

1990, Feb. 20 - Technology, discovery of transistor

TAN 02 €3.00
150 s Transistor 562 629



1992, June 22 - 25th anniversary of the National Bank of Commerce

TAN 03 €2.00
15 sh Terminal 879 1243

1999, Jan. 1 - Tanzania Post Corp., 5th anniv.

TAN 04 €3.50
350 sh Money fax service
1781 3154



1999, Aug. 10 - 125 years UPU

TAN 05 €2.20
400 sh PC 1907

2000, Oct. 9 - 125 years UPU, s/s

TAN 06 €1.00
500 sh PC,
barcode reader
1908 B525 (3989)



----- Catalog by country T

2004, Jan. 19 - Tanzania post, 10th anniv.
 TAN 07 €0.80 sheet €3.00
 350 sh PC
 2290, 2293a 4127, B551



2009, Jan. 20 - Tanzania post, 15th anniv.
 TAN 08 €2.50
 400 sh PC 4598

2010, Jan. 18 - 30th anniv. of PAPU



TAN 09-11 €1.70
 400 sh, 700 sh VDT
 500 sh VDT, printer
 4709-11



TAN 12 sheet €3.00
 600 sh Internet café
 B631

1990, Oct. 7 - Dept. of comptroller

THI 09 €0.50
 2 B PC, pixels
 1361 1378

----- Catalog by country T



THAILAND

1970, Apr. 1 - Census

THI 01 €0.70
 1 B Punch card 550 566



1973, Aug. 4 - 90th anniv. of Post and Telegraph Dept.

THI 02 €5.00
 2 B Control center 675 687

1975, Nov. 11 - Cent. of telegraph system

THI 03 €3.00
 2.75 B Teletype 763 782

1981, Jan. 16 - Children's day

THI 04 €0.50
 75 S Electronic age 952 963



1982, Dec. 26 - ASEAN

THI 05 €3.00
 6.50 B Mobius strip 1021 1035

1983, Oct. 24 - WCY



THI 06-07 €1.00
 2 B Electronic office calculator
 3 B Terminal, teletype
 1045-6 1058-9

1987, Apr. 1 - Ministry of Communications

THI 08 €0.50
 2 B Control center 1173 1196



----- Catalog by country T



1991, Feb. 17 - Land tiling project

THI 10 €0.40
2 B Terminal
1383 1404

1991, Aug. 4 - Communications day

THI 11 €0.40
2 B Terminal 1395 1416

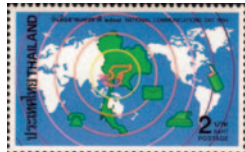


1992, Aug. 4 - Communications day

THI 12 €0.20
2 B Terminal 1483 1509

1993, Aug. 4 - Communications day

THI 13 €0.20
2 B Terminal 1535 1563



1994, Aug. 8 - Communications day

THI 14 €0.50
2 B Printer 1574 1602

1995, June 9 - IT year

THI 15 €0.30
2 B Symbol 1613 1645

THI 15 booklet €1.00

5 * 2 B Symbol 1613 NH1645



1995, Aug. 4 - National communications day

THI 16 €0.30
2 B FO 1616 1648

1995, Sept. 18 - Anniv. of national auditing

THI 17 €0.30
2 B Women at computer
1622 1654



----- Catalog by country T

1995, Nov. 4 - Worldtech '95

THI 18 €0.90
6 B Computer technologies
1632 1664



1997, Feb. 25 - Laksi mail center

THI 19 €0.60
2 B Mail sorting 1711 1751

1997, June 9 - Telecom



THI 20-21 perf. 14 3/4 : 14 €1.90

3 B LCD screen
6 B King at PC
1735-6 1775-6A



THI 22 perf. 13 1/2 €5.00

1737a B96

1997, Aug. 4 - National communications day

THI 23 €0.20
2 B Terminal, URL
1755 1795



1997, Dec. 5 - King's birthday



THI 24-25 €2.00
7 B PC - Macintosh
9 B PC
1786-7 1828-9

----- Catalog by country T

1998, June 15 - Educational development

THI 26 €0.20

2 B PC 1812 1858



1998, Aug. 4 - National communications day

THI 27 €0.50

2 B Asynchronous transfer mode
1822 1866

1999, Apr. 2 - Heritage conservation day, granite paper, booklet



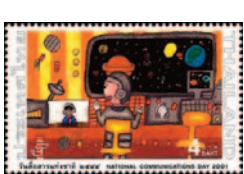
THI 28 €0.50

2 B Mail sorting
1865 (var)

2001, Aug. 4 - National communications day

THI 29 €0.40

4 B Control center, children drawing
1985 2094



2002, Feb. 24 - 12th World congress of gastroenterology

THI 30 €0.20

3 B VDT 2008 2117

2002, Feb. 25 - 25th anniversary of the Com- munication Authority



THI 31 perf. 14 ½ : 14 €1.00

2 * 3 B Binary code 2009 2118-9

THI 31 sheet perf. 13 ¼ : 13 ½ €1.40

10 B Binary code 2009c B154

----- Catalog by country T

2002, Aug. 4 - National communications day

THI 32 €0.50

4 B Notebook, CD,
CAD, palmtop
2027 2137



2003, Jan. 11 - National children day



THI 32a €2.00

m/s €10.00

4 * 3 B Computer generated cartoon characters
by Vithita Animation Company (CAD)
2167-2170

2003, Aug. 4 - National communications day

THI 33 €0.50

3 B Printed circuit 2082 2198

2004, Aug. 4 - Princess IT project

HI 34 €0.20

3 B PC and women 2139 2297

2004, Aug. 4 - National communications day

THI 35 €0.50

3 B IC, printed circuit 2140 2298

2004, Nov. 15 - E-customs system

THI 36 €0.20

3 B e-customs, keyboard 2153 2334



2005, Jan. 8 - National children day

THI 36a €0.40

sheet €8.00

3 B Computer generated cartoon (CAD)
2357

----- Catalog by country T

2005, Aug. 4 - National communications day

THI 37 €0.50

3 B PDA

2184 2390



2006, Aug. 4- National communications day

THI 38 €0.30

3 B Internet explorer logo

2241 2457



2007 - P-stamp, fireworks

THI 39 €1.00

3 B e-mail



2008, Aug. 4 - 125th anniv. of Thai Postal Service

THI 40 €0.90

3 B LCD screen

2373 2735



2011, June 23 - Science service

THI 41 €1.00

3 B PC

3047



2012, Aug. 4 - National communications day

THI 42 €0.50

3 B iPad

3237



2013, Aug. 4 - National communications day



THI 43 s-a €1.50

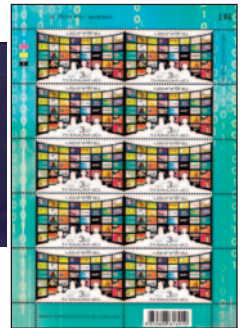
sheet €15.00

9 B QR-code, URL

3324

----- Catalog by country T

2014, Aug. 4 - National communications day



THI 44 €1.00

3 B LCD

3433 A (14 ½ : 14), 3433 C (13 ¼)

THI 44 m/s (Nation) €80.00

4 * 3 B QR code, LED characters

THI 44 m/s (2x5) €5.00

10 * 3 B Barcode, binary code

THI 44 m/s (2x2) €5.00

4 * 3 B Binary code

2015, May 17 - 150th anniv. of ITU

THI 45 €0.50 m/s (2x5) €5.00 m/s (2x2) €4.80

3 B PC, PDA, WiFi, barcode (on m/s 2x5)

3482 A (14 ½ : 14), 3482 C (13 ¼)



2017, Jan. 14 - Children's day

THI 46 €0.50

3 B iPad

sheetlet €5.00

3625



TOGO

1972, Oct. 21 - Paintings



TOG 01 perf. €1.50

imperf. €2.50

perf. sheet €3.50

60 F Leonardo Da Vinci portrait

C187, C188a 948, B68

----- Catalog by country T

1976, Mar. 10 - Telephone cent.



TOG 02-03 perf. €0.75
30 F Magnetic tape
70 F Edison
929, C276



imperf. €3.00



TOG 04 sheet: perf. €1.25 imperf. €10.00
70 F Edison C277a B102

1978, July 8 - Centenary of the phonograph, invented by Thomas Alva Edison

TOG 05 perf. €7.00 imperf. €22.00
30 F Edison
1005 1312



TOG 05 sheet €4.60
200 F, 300 F Edison, phonograph
C357a B135

1980, Mar. 24 - Ascena Flight Security

TOG 06 €1.00
50 F, 60 F Computer graphics, pixel
1056, C419 1442-3



1981, Aug. 31 - African Postal Union

TOG 07 perf. €1.50 imperf. €13.50
90 F Computer operator
1112 1557



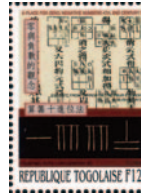
----- Catalog by country T

1997, Oct. 10 - Star wars movies



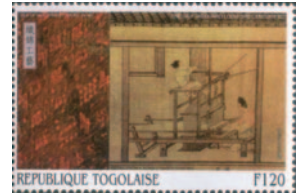
TOG 08 €36.00
190 F, 350 F, 2000 F Robot
1849-51 2599-2616, B416

1999, July 20 - Millennium, science and technology in China



TOG 09-09a €8.50

120 F Counting roots
120 F Silk Jacquard loom
1887b, p 2891C



1999, July 20 - Millennium, events 1000-1050

TOG 10 €9.00
130 F Astrolabe
1888k 2916

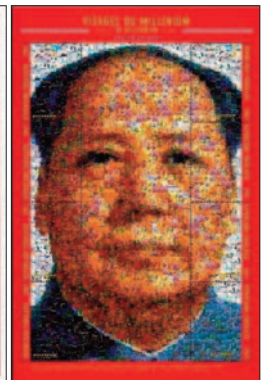


2000, Sept. 5 - Millennium, photomosaic (Albert Einstein, Mao Zedong)



TOG 11 €12.00

8 * 290 F Computer keyboard
8 * 290 F Keyboard, CD, VDT, printed circuit
1939-40 3075-90



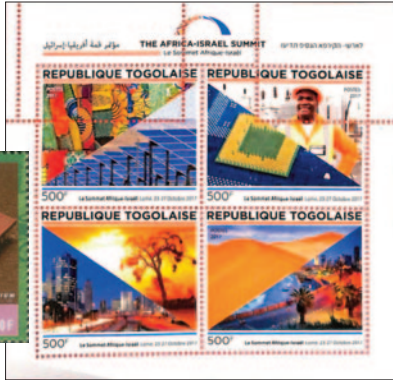
----- Catalog by country T

2000, Sept. 5 - Millennium 1950 - 1959

TOG 12 €1.10

200 F Chip

1952r 3074



2017, Oct. 1 - Africa - Israel summit

TOG 13 €8.00 error missperf. m/s €22.00

500 F Computer circuit board

8143



TONGA

1896, May - King George I, additional surcharge in violet and black

TON 00 €700.00

½ p on ½ p on 2 p Typewriter

½ p on 7 ½ p on 2 p Typewriter

36-7 36-7

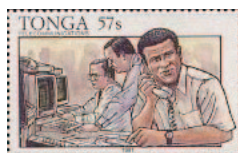
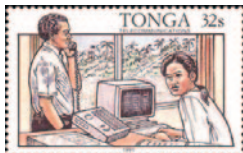


1989, Nov. 17 - UPU Congress

TON 01 €30.00

57 s CRT monitor, telefax 730 1111

1991, Oct. 15 - Telecommunications



TON 02-03 €3.10

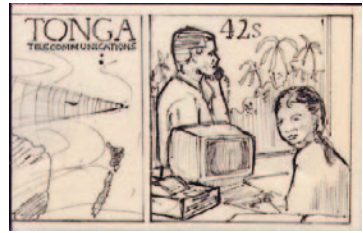
32 s Terminal and woman

57 s Terminal

784, 786

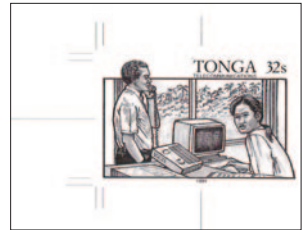
1178, 1185

----- Catalog by country T



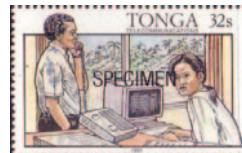
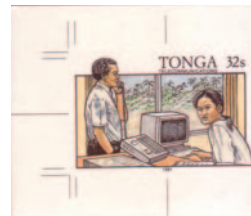
TON 02 essay €f.p.

Essay, done by Wolsall Security Printers' in-house artist. The right half of the essay was used, after being enlarged, for the issue stamp.



TON 02 mono chrome proof €f.p.

TON 02 colour proof €f.p.



TON 02-03 specimen €12.00

2000, Oct. 25 - Member of Commonwealth



TON 04 €0.10

10 s Notebook, laptop

1039 1583



TRINIDAD & TOBAGO

1969, Sept. 1 - Apollo

TRT 01 €1.00

\$1 Terminal

168 251



----- Catalog by country T

1983, Aug. 5 - WCY



TRT 02-03 €3.00
15 c Terminal \$1 Textel
383,5 470, 472

2006, July 3 - CSME lighthouse diver



TRT 04-06 €4.00
\$3.75 LCD screen \$4.50 FO
\$5.25 Keyboard 787-9 899-901

2015, Sept. 24 - 100 years of indigenous banking



TRT 07 €40.00 block €80.00
\$7.50 ATM, PC, PDA
1048, 1046-8 (B95)



TRISTAN DA CUHNA

2004, Jan. 8 - History of handwriting



TDC 01 €3.50 sheet €5.00
£1.50 PC, keyboard, word processing
745,6 820 (B47)

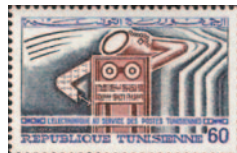
----- Catalog by country T

TUNISIA



1965, May 17 - ITU

TUN 01 €0.50
55 M Punch tape 447 643

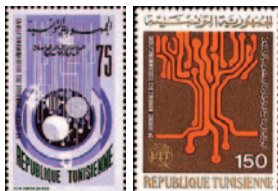


1968, Mar. 20 - Communications

TUN 02 €1.00
25 M, 40 M, 60 M Computer -
magnetic tape unit
494-6 694-6

1973, May 17- Telecommunications day

TUN 03 €0.50
70 M Printed circuit 607 811



1977, May 17 - WCY

TUN 04 €0.70
150 M Printed circuit 697 908

1984, Aug. 27 - Coquette

TUN 05 €0.50
80 M Counting on fingers 852 1080

1984, Dec. 25 - 20th anniv. INTELSAT

TUN 06 €0.30
100 M Computer map 859 1087

1985, Mar. 20 - Expo '85

TUN 07 €0.70
200 M VDT 861 1089



1986, Dec. 9 - Informatics - Education

TUN 08 €6.00
2 D Terminal 904 1134

----- Catalog by country T

1987, May 8 - Red Crescent Society

TUN 09 €0.50
150+10 M Magnetic tape
B160 1141



1987, Oct. 9 - 30th anniversaries postal service

TUN 10 €1.10
150 M, 350 M Numerals
919-20 1150-1

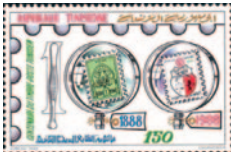
1988, Sept. 29 - Sana's old town

TUN 11 €0.60
200 M Computer graphics, pixel
944 1176



1988, Dec. 16 - 100 years post

TUN 12 €0.60
150 M LCD characters
949 1181



1989, July 10 - Science

TUN 13 €0.50
180 M PC 958 1191

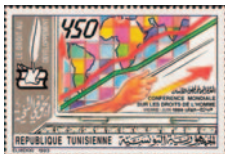
1991, Nov. 22 - Tunis - Carthago center

TUN 14 €5.00
80 M Mail sorting
1002 1237



1992, Apr. 20 - EXPO '92

TUN 15 €0.50
180 M IC 1005 1240



----- Catalog by country T

1993, June 8 - Human rights

TUN 16 €1.30
450 M LCD characters 1264

1998, Nov. 7 - 11th anniversaries

TUN 17 €0.50
250 M @-symbol 1169 1408



1999, Oct. 10 - Parliament

TUN 18 €2.40
500 M @-symbol 1200 1439

1999, Nov. 7 - 12th anniv.

TUN 19 €1.20
250 M PC, @-symbol 1203 1442

1999, Dec. 31 - Towards 3rd millennium

TUN 20 €1.20
250 M @-symbol on computer
1208 1447



2000, June 1 - Hanover 2000

TUN 21 €5.00 proof €30.00
1000 M @-symbol 1214 1453

2000, Nov. 7 - 13th anniv.

TUN 22 €0.50
250 M PC, @-symbol 1227 1446



2001, May 17 - Digital culture

TUN 23 €1.00
250 M PC, @-symbol, mouse
1243 1482

----- Catalog by country T

2001, Oct. 9 - YDAC

TUN 24 €1.40

500 M @-symbol

1256 1492



2001, Oct. 10 - National employment fund

TUN 25 €0.60

250 M @-symbol on PC, keyboard, mouse

1257 1497

2003, Mar. 29 - 70th anniv. scouts



TUN 26 €2.40

250 M, 600 M PC

1310-1 1553-4

2003, Apr. 23 - National book year

TUN 27 €0.70

390 M CD

1312 1555



2003, June 28 - Parks

TUN 28 €2.20

390 M VDT, @-symbol

1317 1559

2004, Nov. 7 - 17 years of change

TUN 29 €0.60

250 M PC

1352 1603



2005, Apr. 7 - WSIS

TUN 30 €1.10

600 M IT

1369 1620

----- Catalog by country T

2005, Nov. 8 - 18 years of change

TUN 31 €0.60

250 M PC, @-symbol

1379 1630

2005, Nov. 12 - WSIS

TUN 32 €0.65

600 M Binary code

1380 1631



2006, Mar. 18 - 50 years of independence

TUN 33 €1.10

390 M PC, @-symbol

1394 1646



TUN 33 sheet €6.50

2500 M PC, @-symbol

1394a 1640-6KB

2006, May 29 - Handicapped

TUN 34 €3.00

235 M Terminal

1400 1652

2006, Aug. 13 - Code statute personal

TUN 35 €3.25

235 M PC and justice

1407 1659



2007, Mar. 21 - Youth and digital culture

TUN 36 €0.80

250 M Mouse pointer, binary code, @-symbol,
LCD screen

1415 1667

2007, June 21 - Carthage Forum



TUN 37 €1.70

600 M PC

luxury edition €10.00

1422 1674

----- Catalog by country T

2008, Mar. 23 - WMD

TUN 38 €0.35

250 M CAD

1435

1687

2008, May 29 - World disabled day

TUN 39 €0.35 luxury edition €10.00

250 M e-mail, VDT

1440

1692



2010, May 17 - IT pole

TUN 40 €1.80

390 M @-symbol, binary code
1744

2017, Mar. 13 - National day for Internet

TUN 41-42 €4.20 proof €15.00

900 M Zouhair Vohyaoui,

pioneer of speech on the Internet

1200 M URL, Internet

1915-6



2020, Aug. 3 - Arab Postal Day

TUN 43 perf. €1.10

imperf. €6.00

luxury edition €15.00

sheet €50.00

1,50 D Laptop

2023



TURKEY

1955, Sept. 10 - Centenary of telecommunication



TU 01 €1.20

15 K, 45 K Perf. tape, telegraphy

1167, 9

1436, 8

----- Catalog by country T

1975, Feb. 5 - Telecommunications



TU 02-03 €0.90

5 K Punch tape, teletype

50 K Post check

1997-8

2348-9

1979, Apr. 30 - Europe CEPT

TU 04 €6.75

5 L Telewriter, punch tape (single channel)

2110

2478

1979, Oct. 29 - Reforms by Ataturk

TU 05 €0.60

2.5 L, 3.5 L, 5 L Computer graphics

2120-2

2493-5



1985, Nov. 12 - Meteorological Institute

TU 06 €1.00

100 L Computer graphics

2331

2730

1988, May 2 - Europe CEPT

TU 07 €7.50

600 L Terminal

2404

2809



1988, Sept. 17 Oct. 5 - Seoul '88

TU 08 €4.50

100 L, 200 L, 400 L, 600 L, 1000 L

2414-8

2824-8

Computer graphics

----- Catalog by country T

1990, Oct. 23 - Turkish post



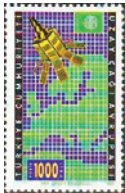
TU 09-12 €2.50
 200 L Pixels
 250 L Terminal, pixels
 400 L Digital exchange - magnetic tape
 1500 L Pixels
 2491-4, 2494a



block €3.00

2910-3, B29

1991, May 6 - Europe CEPT



TU 14 €0.60
 1000 L, 1500 L Computer graphics
 2502-3 2921-2

1991, May 13 - Eastern Mediterranean Fiber Optic Cable System

TU 15 €0.40
 500 L FO

2505 2924



1994, May 2 - Europe, discoveries

TU 16 €2.00
 1500 L, 5000 L Computer graphics
 2597-8 3017-8

1996, July 22 - Definitive, overprint

TU 17-19 €6.00
 M on 200 L Pixels
 M on 400 L Digital exchange - magnetic tape
 M on 1500 L Pixels
 2657-9 3091-3



----- Catalog by country T



2009, May 27 - 75 years ministry of traffic
 TU 20 €4.00
 80 K LCD technology, keyboard
 3743

2015, Oct. 23 - 175th anniv. of Turkish Post



TU 21-24 €5.00
 1.40 L ATM
 1.40 L Typewriter, telegraph, laptop
 1.40 L Letter sorting 2.80 L @-symbol
 4210-2

specimen €15.00

2018, Sept. 12 - Medical tourism



TU 25 €1.40
 2 L + 10 K Laptop 4457

2020, Oct. 15 - Fractal nature images



TU 26 €5.00
 2 * 3 L, 2 * 6.50 L Fractal 4610-3

----- Catalog by country T



TURKMENISTAN

1999 - Not authorized by Turkmenistan postal officials, sheet



TUM 01
9*195 M Siemens computer system

2001 - Not authorized by Turkmenistan postal officials



TUM 02
120 M PC



TURKS & CAICOS ISLANDS

1977, June 20 - US tracking station

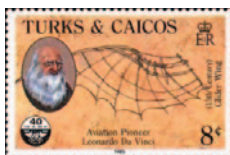
TUC 01 €2.60
1 c, 3 c, 6c, 20c, 25c, 50 c MIC
325-30 367-72



1982, May 3 - Washington & Roosevelt anniv.

TUC 02 €5.00
20 c, 35 c, 65 c, 80c MIC
522-6 599-602, B38

1985, Feb. 21 - Pioneers & inventions



TUC 03 €6.00
8 c Leonardo Da Vinci 656 723

----- Catalog by country T

1995, Feb. 21 - Moon landing anniv.



TUC 04 €4.00
\$2 Control center 1129 1210 (B46)

1996, May 13 - History of underwater exploration



TUC 05 €7.25
60 c Robot - Iron man 1194a 1308

1997, Aug. 21 - Underwater exploration

TUC 06 €4.00
20 c Robot 1234f 1388



TUVALU

1983, Nov. 18 - WCD



TUV 01 €0.70 specimen €6.00
45 c Teleprinter
214 205

1999, Dec. 31 - Millennium



TUV 02 €2.00
\$2 Hand on computer keyboard, LCD characters
815

----- Catalog by country U

2001, May 30 - TV corporation

TUV 03 €7.00
40 c, 60 c, 90 c, \$1.5
tv suffix - URL
855-8 997-1000



TUV 03 sheet €4.20
\$2.00 tv suffix - URL
859 1001 (B84)

2004, Jan. 30 - Paintings, sheet



TUV 04 €6.00
4 * \$1.25 URL 933 B113

2020, Nov. 30 - 10 years iPad



TUV 05 €14.40 block €11.00
4 * \$1.80 Apple A4, chip, iPad, iOS, Steve Jobs
\$5.50 Steve Jobs, first generation of iPad
2576-9, 2580 (B296)

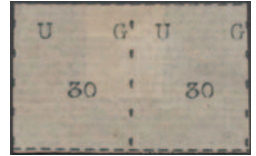
----- Catalog by country U



UGANDA

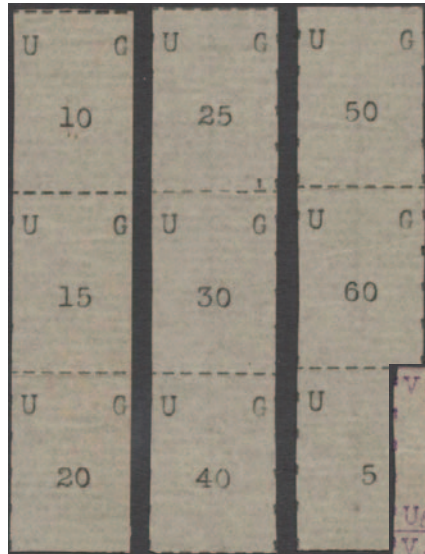
1895, Mar. 22 - Type-written stamp (20-25 mm)

UG 00 €20,000.00
5 ... 60 K Typewriter
1-6 1-9



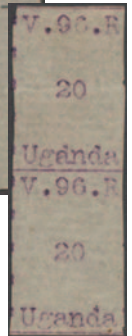
1895, Apr. - Type-written stamp (16-18 mm)

UG 00a €20,000.00
5 ... 60 K Typewriter
17-25 18-26



1896, June - Type-written stamp (16-18 mm)

UG 00b €20,000.00
5 ... 60 K Typewriter
44-53 36-45



1976, Apr. 15 - Telecommunications



UG 01 €0.50
3 s Magnetic tape unit
150 140

----- Catalog by country U



UG 01 sheet of 4 €1.30

Simulated perf.

150a B1

UG 01 proof strip €200.00

See TAN 01 proof strip

1983, Oct. 9 - WCY



UG 02-03 €2.00

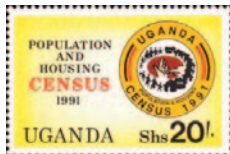
20 sh Terminal

381-2 379-80



50 sh PC

1990, Dec. 28 - National census



UG 04 €2.50

20 sh Counting on fingers

855 854



UG 04 sheet €4.00

1000 sh Counting on fingers

856 B126

1993, Dec. 29 - WMD

UG 05 €3.00

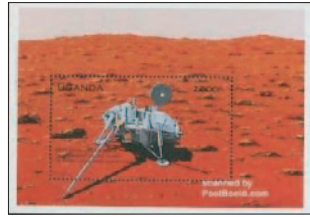
250 sh PC

1196 1328



----- Catalog by country U

1997, Apr. 16 - Space exploration, sheet



UG 06 €3.00

2000 sh Robotic space probe

1486A B275

1998, May 4 - 70 years Walt Disney, Mickey Mouse

UG 07 €5.50

400 sh Computer game

1553 2002



2001, Apr. 23 - Eastern African School of Library and Information Science, Makerere University, Kampala

UG 08 €4.80

300 sh IT

1697 2341

2001, Aug. 23 - APS Stampshow, sheet of 6



UG 09 €6.00

6 * 1300 sh URL

1723 2382-7

2001, Nov. 16 - YDAC

UG 10 €5.70

3000 sh Keyboard

1736 2423



----- Catalog by country U

2012, July 25 - 15th anniv. of chess match Garry Kasparov vs Computer Deep Blue



UG 11 €15.70
3,400 sh, 3,400 sh, 4,100 sh, 4,100 sh, 8,300 sh
Computer games
2854-8



UG 11 miniature sheet of 4 €5.35
3,400 sh, 3,400 sh, 4,100 sh, 4,100 sh
Computer games



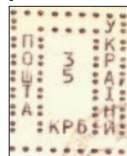
UG 11 sheet of one €8.00
8,300 sh Computer games
B386

----- Catalog by country U



UKRAINE

1992-1994 - Computer stamps



UK 01 €f.p.

Computer stamps are printed with a common 9-needle dot matrix printer. Due to a shortage of stamps in the period April 1992 - 1994, because of the independency of Ukraine, a lot of those local stamps were produced. They exist in black and red printed postage and with different values.

2001, Oct. 9 - YDAC



UK 02 €0.80
70 k Keyboard
440 468

2004, Nov. 12 - Khartron, control system in space and on the Earth

UK 03 €0.80

45 k Control center

564 679



2005, July 12 - WSIS

UK 04 €1.30

2.50 k IT

600 731

2006, Apr. 28 - Europe CEPT integration, booklet (top cyrilic inscription in red)



UK 05 €10.00

2.50 k, 3.50 k URL

630

MH7

----- Catalog by country U

2008, Mar. 12 - Europe CEPT



UK 06 perf 13 ½ €4.70
 UK 06 m/s perf 13 ½ €23.00
 UK 06 perf 11 ½ €10.00
 UK 06 sheet perf 11 ½ €10.00
 UK 06 booklet €10.00
 333 k Laptop, e-mail, URL
 724 946, 948, B11, MH9

2009, Apr. 17 - Europe CEPT



UK 07 €3.15 sheet €3.50
 525 k Galileo Galilei 1032-3

2017, June 1 - Computer animated movie
 "Nikita Kozhemyka"



UK 08 €7.00 m/s €7.00
 2.40, 3.00, 3.00, 5.40 G CAD
 1608-11 (B141)

Sites about computer related stamps:
<http://wvegter.hivemind.net>
<http://www.vandenhoute.net>
<http://www.computer-stamps.com>
<http://www.philatelica.ro>
<http://www.dpsworkshop.com>
<http://www.eryx.it/dentelli/internet.htm>

----- Catalog by country U



UNITED ARAB
 EMIRATES

1977, Sept. 8 - Intl. literacy day



UAE 01 €8.00
 50 f, 3 d Counting on fingers
 105-6 93-4

1988, Jan.2 - Abu Dhabi Intl. Airport, 6th anniv.

UAE 02 €3.50
 50 f VDT 256 242



1990, July 1 - Dubai Chamber of Commerce
 and Industry

UAE 03 €1.40
 50 f, 1 d PC 320-1 304-5

1998, Mar. 15 - Intl. Defense Exhibition & Conf.

UAE 04 €4.20
 150 f, 350 f Monitor 605-6 581-2

2001, Oct. 9 - YDAC

UAE 05 €3.60
 50 f Keyboard 687 665



2009, Mar. 26 - Center for strategy & development

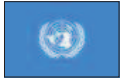
UAE 06-07 €3.70 sheet €4.00
 150 f PC 2 d Laptop
 967-8, B50

2015, Nov. 22 - UAE Innovates

UAE 08 €3.60
 3 AED QR-code
 1183



----- Catalog by country U



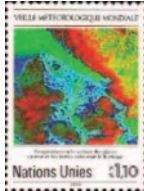
UNITED NATIONS
(Geneva, Switzerland)

1989, Jan. 27 - World Bank

UNG 01 €1.00

80 c Control center, terminal

173 174



1989, Apr. 21 - World weather watches anniv.

UNG 02 €2.50

90 c, 1.10 FS CAD

176-7 176-7

1990, Feb. 2 - International trade center

UNG 03 €1.40

1.50 FS Digital graphic system

182 182



1992, Jan. 24 - World heritage

UNG 04 €1.60

1.10 FS Temporal calculator

212 211

1992, Oct. 2 - Science & technology

UNG 05 perf. €2.50

imperf. €75.00

1.60 FS PC

223

222



1993, Feb. 5 - Aging with dignity

UNG 06 €2.10

1.60 FS Man and computer

227 226

----- Catalog by country U

1993, Sept. 21 - Intl. peace day



UNG 07 €2.30

4 * 0.60 FS Computer graphics

236-9, a 235-8

2000, Nov. 9 - Refugees (UNHCR)



UNG 08 €1.00

0.80 FS e-mail

365

407

UNG 08 sheet €2.50

1.80 FS e-mail

366

B15 (408)

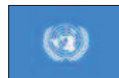
2011, July 1 - ECOSOC



UNG 09 €3.50

1.30 FS PC

773



UNITED NATIONS
(New York, USA)

1956, Feb. 17 - ITU



UNNY 01 €2.50

3 c, 8c Perf. tape, telegraphy

41-2 47-8

----- Catalog by country U

1972, May 1 - Stylized wing

UNNY 02 €0.20

9 c Computer graphics

C15 245



1989, Apr. 21 - World weather watches anniv.

UNNY 03 €2.70

25 c, 36 c CAD

550-1 575-6

1990, Feb. 2 - Intl. trade center

UNNY 04 €1.00

25 c Digital graphic system

572 597



1992, Oct. 2 - Science & technology

UNNY 05 €1.40

29 c PC

611 635

1993, Sept. 21 - Intl. peace day



UNNY 06 €2.60

4 * 29 c Computer graphics

629-32, a 653-6

1999, July 7 - UNISPACE III

UNNY 07 pair €1.40

2 * 33 c

Robotic space probe

762a 819-20



----- Catalog by country U



UNNY 07 sheet €3.20

\$ 2 Robotic space probe

763 B16 (821)

2000, May 30 - Our world 2000

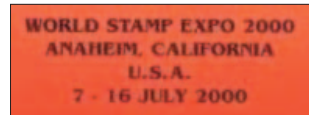


UNNY 08 €1.30

60 c Website screen

778 836

2000, July 7 - World stamp expo 2000, Anaheim, California, USA, overprint of UNISPACE III sheet in violet blue



UNNY 09 €3.90

\$ 2 Robotic space probe

763a B16l

2000, Nov. 9 - Refugees (UNHCR)

UNNY 10 €0.80

33 c e-mail

787 854



UNNY 10 sheet €2.20

\$ 1 e-mail

788

B20 (855)

2019, June 28 - Centenary of ILO

UNNY 11 €5.50

55 c Disabled person at laptop

1717



----- Catalog by country U



**UNITED NATIONS
(Vienna, Austria)**

1989, Apr. 21 - World weather watches anniv.



UNW 01 €1.50
4 s, 9.50 s CAD 91-2 92-3

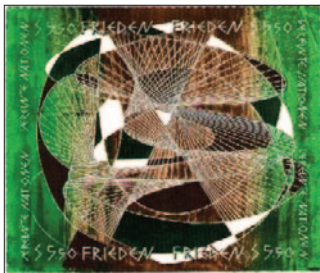
1990, Feb. 2 - Intl. trade center

UNW 02 €1.30
12 s Digital graphic system
97 98



1992, Oct. 2-Science & technology
UNW 03 €1.40
5.50 s PC 135 135

1993, Sept. 21 - Intl. peace day



UNW 04 €2.50
4 * 5.50 s Computer graphics
152-5, a 152-5

1999, Aug. 23 - UPU



UNW 05 €3.00
2 * 6.50 s Laptop
262-3, 263a 296-7

----- Catalog by country U



UNW 05 proof €500.00

2000, Nov. 9 - Refugees (UNHCR)



UNW 06 €0.90
7s e-mail 282 325
UNW 06 sheet €4.00
25 s e-mail 283 B14 (826)



**UNITED STATES
of AMERICA**

1908-9 - First President George Washington



USA 00 €3.00
2 c, 3 c Burrough perfin
163-4 332-3

1912-4 - First President George Washington



USA 01 €8.00
1 c NCR perfin 405 189

1929 - 50th anniv. of invention of incandescent lamp



USA 02
2 c Edison's first lamp
654 317A perf. 11 €0.70
655 317C perf. 11:10 ½ €0.60
656 317D perf. vertically €14.00

----- Catalog by country U

1932, Jan. 5 - NCR US Postal Service

USA 02A €f.p.

2 c NCR meter stamp



1933, May 12 - NCR US Postal Service

USA 02AA €20.00

1 ½ c NCR meter stamp

1937, Jan. 20 - NCR US Postal Service

USA 02B €f.p.

5 c NCR meter stamp



1940, Sept. 16 - NCR US Postal Service

USA 02BA €30.00

30 c NCR meter stamp

1940, Oct. 16 / 1942, July 4 - National defense / Win the war



USA 02C €0.20

2 c, 3 c IBM perfin

496, 508 900, 905

1947, Feb. 11 - Thomas Alva Edison, birth centenary

USA 03 €0.40

3 c Portrait



945 551



1959, Apr. 20 - World peace

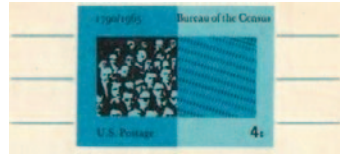
USA 04 €0.20

8 c IBM slogan

1129 752

----- Catalog by country U

1965, Oct. 21 - Census



USA 05 €2.00

4 c Punched card

UX53

1973, Apr. 30 - Postal employees

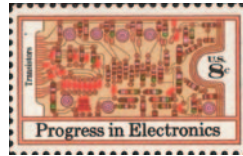


USA 06 €1.60

8 c Electronic letter routing

1495 1102

1973, July 10 - Electronics progress

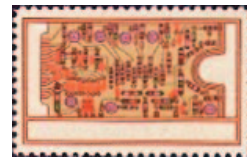


USA 07-09 €0.80

8 c Transistors, printed circuit

11 c, 15 c Vacuum tube

1501-2, C86 1114-6



USA 07a €300.00

Inscription **US 8^c** omitted

1501a

USA 07b €800.00

Tan (background) & lilac omitted

1501b



Misplaced perforation

----- Catalog by country U



Missing perforation €200.00

C86a vermilion & olive omitted €750.00

C86b olive omitted €f.p.

1975, Sept. 3 - Postal service



USA 10 €0.50

10 c MAILGRAM transmission via WESTAR satellite

1575 1185

USA 10 red 10¢ omitted €5,000.00

1975, Oct. 6 - Banking Commission



USA 11 €0.50

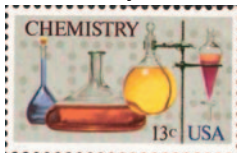
2 * 10 c Characters - MICR

1577-8,a 1187-8

1587b brown & blue (litho.) omitted
€1,800.00

1587c brown, blue & yellow (litho.) omitted
€2,100.00

1976, Apr. 6 - Chemistry



USA 12 €0.50

13 c Punch tape

1685 1255

----- Catalog by country U

1983, Jan. 19 - Science & industry

USA 13 €0.50

20 c CAD

2031

1613



1983, Sept. 9 - Civil service

USA 14 €0.50

20 c 1983 as MIC - OCR

2053 1651

1983, Sept. 21 - American inventors



USA 15 €2.50

4 * 20 c Vacuum tube

2058a 1653-6

USA 15 black omitted €270.00

2058b

1985, Feb. 13 - Aviation pioneers

USA 16 €1.10

39 c E. SPERRY (computer)

C114 1726



1985, July 18 - Statue of liberty

USA 17 €0.40

22 c Computer made port

2147 1761

----- Catalog by country U

1986, July 4 - Statue of liberty

USA 18 €0.40
22 c Computer designed
2224 1841



1987, Mar. 12 - Girl scouts, 75th anniv.

USA 19 €0.40
22 c Binary code 2251 1871

USA 19a €1,850.00
All litho. colors omitted, missing all five offset colors (yellow, cyan, magenta, black and green)
2251a

USA 19b €1,500.00
Red & black (engr.) omitted
2251b



USA 19c €200.00
Over inked / shifted green
2251c

1989, Aug. 23 - Guillotined s-a, Washington DC, machine 82



USA 20 €5.00
25 c, \$1, \$1.69, \$2.40, \$8.75 CVP
CVP1-5

1989, Aug. 23 - Idem, machine 83

USA 21 €40.00
25 c, \$1, \$1.69, \$2.40, \$8.75 CVP
CVP6-10

----- Catalog by country U

1989, Sept. 1 - Guillotined s-a, Kensington MD, machine 82



USA 22 €40.00
25 c, \$1, \$1.69, \$2.40, \$8.75 CVP
CVP11-15

1989, Sept. 1 - Guillotined s-a, Kensington MD, machine 83

USA 23 €40.00
25 c, \$1, \$1.69, \$2.40, \$8.75 CVP
CVP16-20

1989, Nov. - Guillotined s-a, Washington DC, machine 11

USA 24 €400.00
25 c, \$1, \$1.69, \$2.40, \$8.75 CVP
CVP21-25

1989, Aug. 23 - Guillotined s-a, Washington DC, machine 83

USA 25 €120.00
25 c, \$1, \$1.69, \$2.40, \$8.75 CVP
CVP26-30

1989, Dec. 3 - Shuttle Docking at space station

USA 26 €1.00
25 c LED circuit
U617

USA 26 ultramarine omitted, entire €400.00
U617a



----- Catalog by country U

1992, Jan. 21 - Shuttle Docking at space station

USA 27 €1.00

29 c LED circuit
U625

1992, May 17 - NY Stock Exchange



USA 28 €0.60

29 c Monitor 2630 2218

USA 28a €f.p.

Black missing (EP) 2630a

USA 28b €6,300.00.

Black missing (CM) 2630b

USA 28c €20,000.00

Center (black engr.) inverted
2630c



USA 28abc €f.p.

The famous Stock Exchange error in a corner block of 4. An inversion of the sheet before the second press pass caused a dramatic missing registration on this corner block. As a result, the top stamps have the centers inverted, while the bottom stamps have the centers missing. The 29 cent stamp design replicates a stock certificate with the two vignettes depicting the façade of the New York Stock Exchange and a view of its trading floor. Total numbers recorded of these two major errors are 56 inverted centers and 24 missing centers. This block is a great modern rarity combining the 2 errors and with the continued printing in the margin.

----- Catalog by country U

1992, Aug. 17 - World War II



USA 29 €8.60

29 c Enigma machine
2697f B31

USA 29 sheet - Red (litho.) omitted €1,700.00

10 * 29 c Enigma machine
2697k B31

1993, Jan. 25 - Space fantasy, booklet



USA 30 €4.50

5 * 29 c MIC 2337-41
2741-5

1993, July 30 - National Postal Museum



USA 31 €1.30
29 c Barcode
2782 2393

1995, Sept. 22 - Shuttle Docking at space station

USA 32 €1.00

32 c LED circuit
U639

Same with item #U617 where instead of USA 25 is write
USA 32

1996, June 7 - American Indian dances, strip of 5

USA 33 €4.00

5*32 c Computer graphics
3076a 2730-4



1996, Oct. 8 - Computer technology

USA 34 €0.60

32 c Computer technology
3106 2784

----- Catalog by country U

1997, Dec. 10 - Mars Pathfinder



USA 35 €3.20
\$ 3.00 Robotic space probe
3178 B39



USA 36 perforated left €3.50
\$ 3.00 Robotic space probe
3178b

1998, May 28 - Millennium 20's



USA 37-38 €10.00
32 c Vacuum tube
32 c Automat
3184i, n B42

1999, Jan. 28 - Valentine day, s-a booklet



USA 39 €10.00
20 * 33 c URL, Barcode
3274a

----- Catalog by country U

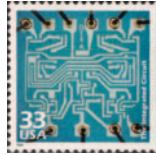
1999, Sept. 17 - Millennium 60's

USA 40 €0.80

33 c IC

3188j

3182



1999, Nov. 18 - Millennium 70's

USA 41 €0.70

33 c Medical image

3189o

3239

1999 - Tagged s-a



USA 42 €39.00

1 ... 33 c black CVP, barcode
CVP34

Sales of #CVP34 were discontinued in 2000 or 2001. See the chapter catalog by categories - computer vended postage (CVP).

1999, May 7 - Tagged s-a



USA 43 €115.00

1 ... 33 c black & red orange CVP, barcode
CVP35

2000, Jan. 12 - Millennium 80's



USA 44-46 €10.00

33 c CD

33 c Video games

33 c PC

3190h, l, n

3250, 4, 6

2000, Jan. 27 - Black heritage, s-a

USA 47 €0.60

33 c Patricia Roberts Harris, director IBM

3371 3259



----- Catalog by country U

2000, May 2 - Millennium 90's



USA 48-50 €10.00
 33 c Virtually reality
 33 c Computer graphics
 33 c URL, keyboard
 3191f, j, n 3291-2, 3301

2000-1 - Simplypostage.com, eagle and stars background

USA 51 €f.p.
 34 c URL
 CVP39-42



2002, Jan. 8 - Winter sport, s-a



USA 52 €1.50
 4 * 34 c CAD 3552-5 3511-4

2002, June - 2003 - Neopostage.com, serpentine Die Cut

USA 53 €f.p.
 21 c, 23 c, 34 c, 37 c, 50 c, 60 c, 70 c, 80 c,
 \$3.50, \$3.85, \$13.65 URL
 CVP43-53



2002 - Personal computer postage (stamps.com)

USA 54 €3.00
 37 c URL
 1CVP1-2

----- Catalog by country U

2004, Nov. 19 - IBM Pitney Bowes CVP APC

USA 55 €1.00
 Any denomination URL
 CVP57



2005, Mar. - Personal computer postage (computer and letters)

USA 56 €20.00
 37 c PC, URL (stamps.com)
 1CVP37

2005, May 4 - Science, s-a

USA 57 €10.00
 37 c John von Neumann 3908 3925

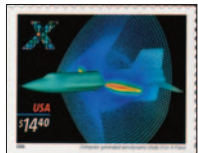


2005-6 - Personal computer postage (endicia.com)

USA 58 €0.70
 24 c, 39, 63 c, \$4.05 URL 1CVP43-6

2006, Jan. 5 - Computer generated study of X-plane

USA 59 €6.00
 \$4.05 Computer generated aerodynamic
 U668



2006, Mar. 17 - X-planes, s-a

USA 60 €27.00
 \$4.05, \$14.40 Computer generated aerodynamic
 4018-9 4062-3

----- Catalog by country U

2007, June 16 - P-stamp (stamp.com)

USA 60a €0.70

41 c URL



2007, June 16 - Pictute it Postage (endicia.com)

USA 60aa €0.70

26 c URL

2007, Sept. - IBM Pitney Bowes CVP APC

USA 61 €7.00

Any denomination CVP, IBM CVP57i



2007, Oct. 20 - P-stamp (stamps.com)

USA 62 €10.00

26 c Barcode, URL

2007, Oct. 25 - Holliday knits, s-a

USA 63 €10.50

USA 63 DBLSD booklet €15.00

USA 63 ATM €17.00

8*41 c CAD

4207-14

4318-29



2008, Mar. 6 - American scientists

USA 64 €10.50

41 c J. Bardeen co-inventor of transistor

4227 4339

2008 - IBM Pitney Bowes CVP

USA 65 €10.00

Any denomination CVP, IBM

CVP57j-n (type 2004)

CVP69g-j (type 2006)



----- Catalog by country U

2009 - IBM Pitney Bowes

USA 66 €2.00

Any denomination CVP, IBM

CVP57k-l (type 2006)

CVP80-1 (type 2004)

2009, June 5 - IBM (Statue of Liberty)

USA 67 €

Any denomination CVP, IBM

CVP82-3

The item was made available as a during a pilot study to evaluate a new IBM kiosk at Schaumburg, IL. The machine study at Schaumburg was scheduled to end on July 31, 2009.



2009 - Personal computer postage (endicia.com)

USA 68 €1.00

42 c CVP, URL

1CVP107

Software allowed for six other inscriptions below "US Postage" (Priority Mail, Media Mail, Parcel Post, Library Mail, Express Mail and Intl. Mail) and any face value for any mail-class inscription.

2010 - P-stamps (zazzle.com)

USA 69 €5.00

44 c URL



2011, Aug. 14 - P-stamps (zazzle.com)

USA 70 €5.00

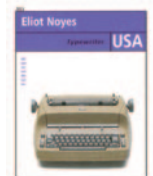
44 c Internet, URL

2011 - Pitney Bowes CVP

(www.pbSmart.Postage.com)

USA 71 €150.00

44 c CVP, URL



----- Catalog by country U

2011, June 29 - Pioneer of American Industrial Design

USA 72 €0.60
Forever (44 c) Typewriter 4729

2011, July 27 - Owney the postal dog

USA 73 €0.80
Forever (44 c) AR-code 4547 4732



2011, Nov. 4 - P-stamps (zazzle.com)

USA 74 €5.00
32 c Internet, URL

2011, Nov. 16 - P-stamps (zazzle.com)

USA 75 €5.00
44 c Internet, URL



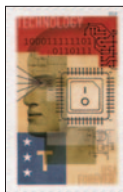
2012, Dec. 1 - Definitive



USA 76 €45.00
1 \$, 2 \$, 5 \$, 10 \$ Computer graphics
4717-20 4909-12

2018, Apr. 6 - Scientific and technical education (technology), s-a

USA 77 €4.80
Forever (50 c) Binary code, printed circuit
5478



2020, Aug. 2 - Innovation, s-a



USA 78-79 €6.50 gutter strip €6.50
with hologram €28.00
Forever (55 c) Printed circuit
Forever (55 c) Robotics
5514, 5517, 5518a 5752, 5755

----- Catalog by country U



URUGUAY

1928, May 1- General José Artigas, with 7 dots in panels below portrait, booklet



UR 00 €f.p.
3 c Publicity for Remington typewriter
354 (Var) 355A

1970, Dec. 29 - Children's drawing

UR 01 €0.70
4 * 10p Robot 789a 1991-4



1976, Nov. 12 - Anniversaries and events

UR 02 €5.00 sheet €25.00
50 c Robotic space probe
968, C424 1433, 1436-9 (B312)

1977, Dec. 21 - Uruguayan postal service, 150th anniv.

UR 03 €0.40
50 c Letter sorting 995 1481
UR 03 strip of 10 €4.50 1000a 1476-85



1980, Jan. 18 - Cent. of electric light (1879)

UR 04 €0.50
2 N\$ Edison 1059 1575

----- Catalog by country U

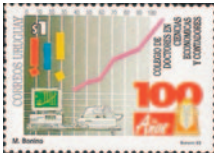
1991, Apr. 23 - Science



UR 05-06 €3.20
110 NP Megalitic calculator
330 NP Flow chart
1364a,d 1894, 1897

1993, Apr. 15 - Economic science

UR 07 €0.80
\$1 PC, printer, mouse 1444 1980



1993, Aug. 19 - State television channel 5, 30th anniv.

UR 08 €0.80
\$1.20 Control center 1473 1994

1994, Oct. 25 - Journalists

UR 09 €1.00
\$2 PC 1549 2066



UR 09 error €100.00
Missing black, yellow and red colors

----- Catalog by country U

1997, Nov. 19 - Shanghai '97 Intl. stamp and coin exhibition



UR 10 €10.00
\$4 Robotic space probe
1694d B80

1997, Dec. 1 - Mevfil '97

UR 11 €1.90
\$11 PC, URL 1699 2313



1998, Oct. 15 - Postal service, s-a

UR 12 €5.00
\$25 VDT 1748A 2396

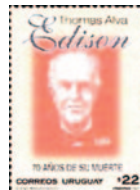
2000, June 2 - Stamp in the future children's stamp



UR 13 €6.00
\$5 PC 1866 2541

2001, July 12 - Thomas Alva Edison (1847-1931)

UR 14 €2.50
\$22 Portrait 1909 2606



2001, Oct. 23 - YDAC

UR 15 €2.60
\$24 Keyboard 1925 2631

----- Catalog by country U

2003, Feb. 21 - 2nd anniv. of URSEC- Comm. Services Regulatory Union

UR 16 €2.00

\$12 e-mail, VDT

1997 2717



2004, Dec. 7 - 85th anniversary Price Water House

UR 17 €1.00

\$16 Mechanical calculator - *Burroughs Class 1 adding machine (from about 1905)*

2094 2846

2008, June 12 - World young day

UR 18 €1.00

\$12 Laptop

2235 3018



2009, June 4 - Astronomy, sheet

UR 19 €3.00

\$25 Galileo Galilei, scientific instrument sector
3059, B104



2013, Nov. 7 - Mercosur Internet

UR 20 €6.50

\$45 Internet, laptop
3332



----- Catalog by country U



UZBEKISTAN

1998, June 26 - Ahmed Al Farghani

UZ 01 €1.20

15 s Astronomical computer

164 170



2001, Aug. 10 - Independence high school, sheet

UZ 02 €1.00

160 s PC

316 B31

2005, May 25 - 50th year of Tashkent University of IT



UZ 03 €0.90

125 s IT

418 567

2006, Nov. 17 - Medical workers, sheet



UZ 04 €1.60

720 s PC

505 703 (B46)

2010, Apr. 15 - 43rd Annual meeting of the Asian Development Bank

UZ 05 €4.00

1200 s Laptop, keyboard,
Monitor
888



----- Catalog by country U-V

2011, Aug. 29 - 20 years of independence



UZ 06-07 €6.00 sheetlet €60.00
900 s Computer 1200 s Control centre
951-2



VANUATU

1983, Oct. 10 - WCY



VAN 01 €2.80 block €7.00
25 VT Teletype
362, 363a 668, B5

1986, June 23 - Halley's comet

VAN 02 €5.50
25, 45, 55, 100 VT LCD characters
422-5 728-31



1997, Aug. 27 - Thomas A. Edison

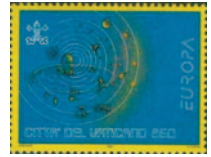
VAN 03 €9.00 707 1044
60 VT Portrait

----- Catalog by country V

VATICAN CITY



1994, May 31 - Europe CEPT



VAT 01-02 €2.25
750 L MIC
850 L Galileo Galilei, scientific instrument sector
953-4 1122-3

1995, June 8 - Radio centenary

VAT 03 €3.00
850 L, 1000 L LCD characters
978-9 1143-4



2001, May 22 - YDAC

VAT 04 €1.50
1500 L Keyboard 1179 1374

2015, May 19 - 150th anniv. of ITU

VAT 05 €5.00
sheetlet €50.00
€2.15 Monitor 1817



VENEZUELA



1976, Nov. 8 - Nationalization of oil industry

VNZ 01 €1.10
10 c, 30 c, 35 c, 40 c, 55 c, 90 c Computer maid
drawings
1156-61 2054-9



1978, May 17 - WCD

VNZ 02 €0.40
75 c Punch tape 1184 2081

----- Catalog by country V

1978, June 23 - 200 years Unification



VNZ 03-04 €0.70
30 c Characters - font
1 B Computer printout
1185-6 2082-3

1978, Nov. 2 - Cent. of oil industry

VNZ 05 €0.25
30 c Computer maid map
1202 2102



1978, Dec. 6 - Christmas

VNZ 06 €0.25
30 c Computer graphics
1204 2104



1981, Oct. 14 - 11th National census

VNZ 07 €0.30
1 Bs Computer graphics
1248 2173

1983, May 17 - WCY

VNZ 08 €0.40
2.85 Bs FO 1293 2235



1984, Jan. 5 - Urban traffic

VNZ 09 €0.50
0.55 Bs Computer building
1308 2263

1984, Oct. 28 - Engineers Association

VNZ 10 €0.60
2.55 Bs LED 1329 2286

----- Catalog by country V

1986, Dec. 10 - City police



VNZ 11 €3.00
2.70 Bs Barcode 1379c 2400

1987, July 31 - Venezuela Navigation Company,
70th anniv.



VNZ 12 €5.00
5 Bs Control center 1393g 2458

1988, Oct. 14 - Comptroller-general's office

VNZ 13 €1.00
10 Bs Computer graphics 1427 2567



1997, Oct. 2 - Independence of India, 50th
anniversary

VNZ 14 €6.50
200 Bs Woman at computer
1576j 3132

1997, Nov. 5 - 7th Latin American Summit



VNZ 15 €13.50
165 Bs, 200 Bs LCD characters
1582d, g 3162, 3165

----- Catalog by country V

1998, Aug. 4 - American Games



VNZ 16 €4.70
5*(150 Bs + 200 Bs) Computer graphics
1593 3249-58

1998, Sept. 29 - 125 years UPU



VNZ 17-26 €10.00 sheet of 10 €11.00
100 Bs, 300 Bs e-mail
100 Bs, 300 Bs Barcode reader
100 Bs, 300 Bs PC, Laptop
100 Bs, 300 Bs Diskette
100 Bs, 300 Bs EDI, binary code
1601a, ... j 3301-10

1998, Dec. 14 - W.H. Phelps



VNZ 27 €0.50
300 Bs Cash register
1609j 3365

----- Catalog by country V

2002, May 10 - Navigational signaling

VNZ 28 €16.00

500 Bs GPS

1626

3491



2005, Oct. 10 - Ipostel

VNZ 29 €16.15

2000 Bs PC

1655j

3735

2006, July 2 - Subway



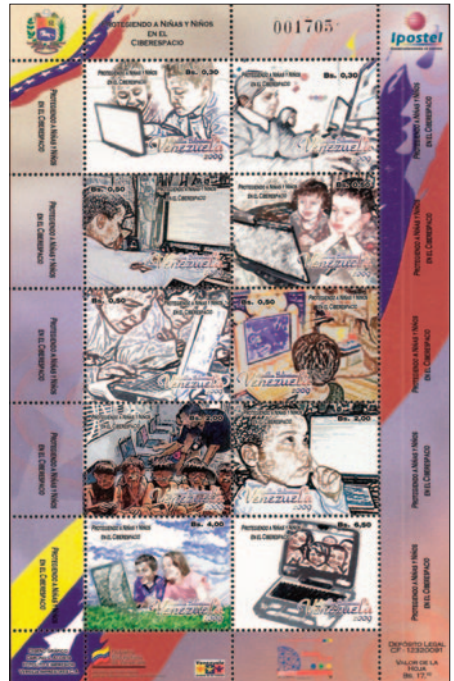
VNZ 30 €20.00

2000 Bs Control center

1665h

3819-28

2009, May 15 - Protect children in cyberspace



VNZ 31 €7.00

2 * 0,30 Bs, 4 * 0,50 Bs, 2 * 2,00 Bs, 4 Bs,
6,50 Bs IT, Laptop

4038-47

----- **Catalog by country V**

2010, Dec. 7 - Christmas

VNZ 32 €30.00 perf. sheetlet €30.00
 imperf. sheetlet €160.00
 4,50 Bs PC 1712 4255



2014, Dec. 18 - Bolivarian revolution

VNZ 33 €30.00 4343
 100 Bs Laptop



VIET NAM

1971, Oct. 15 - Space-Luna 17 flight



VIT 01 perf. €5.00 imperf. €16.00
 12 Xu, 1 D Remote control robot
 642-3, 642-3A 673-4, 673-4U

1978, Sept. 29 - WCD

VIT 02 €2.40 962 996
 12 Xu Printed circuit



1989, Jan. 20 - India '89 philatelic exhibition

VIT 03 €0.50 1934 2000
 100 d Control center

----- **Catalog by country V**

1991, Sept. 17 - Post and telecommunication

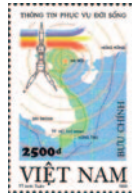
VIT 04 perf. €0.50 imperf. €1.20
 200 d Terminals, network



VIT 05 sheet €2.50
 3500 d Terminals, network
 2311-2 2381, 2382 (B93)

1993, Mar 1 - Communications

VIT 06-07 €0.75 2509-10
 200 d Terminal
 2500 d FO
 2434-5



1997, Aug. 26 - Post and Telecommunications Union, 50th anniv.

VIT 08 €0.40 2786 2874
 400 d PC

2000, Jan. 1 - Vietnam in the 20th century, sheet of 6



VIT 09 €3.50
 2 * 400 d, 2 * 1000 d, 8000 d, 12000 d
 Control center, Internet
 2939a B123

----- Catalog by country V

2000, Aug. 15 - PTT anniversary

VIT 10 €0.40
400 d Computer 2986 3083



2000, Nov. 10 - 6th Nat. emulation congress

VIT 11 €0.90
400 d VDT 3016 3113

2001, Jan. 1 - Advent of new millennium

VIT 12 €3.00
400 d VDT, binary code, URL, control center
3021 3118



2001, Apr. 18 - 9th Communist Party congress

VIT 13 €4.00
3000 d Laptop, binary code, Internet
3045 3149

2001, Oct. 9 - YDAC

VIT 14 €0.50
800 d Keyboard 3090 3191

2002, Feb. 1 - Party Congress

VIT 15 €0.50
800 d Keyboard 3105 3206



2002, Aug. 23 - Viet Nam Post and Telecommunications Trade Union, 55th anniversary

VIT 16 €0.50
800 d Terminal 3157 3261

2004, Oct. 9 - WSIS

VIT 17 €0.30
1000 d Binary code 3234 3343

----- Catalog by country V

2005, Aug. 15 - Post & telecommunications

VIT 18 €0.50
800 d Terminal
3253 3362



VIT 19 sheet €0.90
8000 d Binary code
3254 3363 (B143)

2010, Oct. 2 - 1000 years Hanoi



VIT 20 €3.20
14000 d PC
3561 (B155)

2015, Aug. 14 - 70th anniv. of Vietnamese Post Office



VIT 21 €1.00 specimen €15.00
3000 d @-symbol
3694

----- Catalog by country V



VIRGIN ISLANDS, BRITISH

1996, Sept. 16 - UNICEF, 50th anniv.

VIS 01 €0.20

10 c PC

838

866



1998, Dec. 14 - Anniversaries and events

VIS 02 €0.30

5 c PC

897

945

VOLTA, UPPER (now Burkina Faso)

1965, May 17 - ITU centenary



UV 01 €1.60

100 F Telegraphy perforated tape

C22 164

1976, June 24 - Viking lander and probe on Mars



UV 02 perf. €4.50 imperf. €9.00

30 F, 300 F Robotic space probe

398, C239

632, 636



UV 03 sheet: perf. €9.50 imperf. €14.00

450 F Robotic space probe

C240 B43

----- Catalog by country W-Y



WALLIS & FUTUNA ISLANDS

1981, Sept. 5 - Thomas Edison

WAF 01 €2.00

59 F Portrait

273

398



1987, May 17 - WCD

WAF 02 €4.50

200 F LCD characters

C153 528



2001, Oct 9 - YDAC

WAF 03 €9.00

390 F Keyboard

543 806

2006-2020- All issues



Beginning *World Cup* issue, in the bottom part of the stamps is write *Phil@poste*

2007, Feb. 28 - Telemedicine



WAF 04 €0.20

5 F Monitor, LCD characters

632 944

2008, Mar. 3 - 10 years Internet connection

WAF 05 €0.90

55 F Mouse, @

647

962



2016, Feb. 12 - Manuia smart phone

WAF 06 €9.00

500 F Internet, smart phone

1127

----- Catalog by country Y



**YEMEN,
KINGDOM**

1969, Nov. 25 - History of outer space exploration



YKG 01-02 perf. €20.00 imperf. €32.00
2*6 B J. Kepler, Galileo Galilei
861-2 A, B



**YEMEN
ARAB REPUBLIC**

1966, Jan. 29 - Telecommunications



YAR 01-02 perf. €4.50 imperf. €6.00
1/3 D Edison 6 B Teleprinter
6604, 6607 454, 457

1977, Oct. 17 - 3rd anniversary of correction movement

YAR 03 €2.20

75 f Control center

343 1575



YAR 04 €5.60
75 f Control center

343a B190

----- Catalog by country Y

1980, Jan. 1 - WCD

YAR 05 €3.75

75 f, 135 f VDT

356-7 1588-9



YAR 06 €4.50
135 f VDT



357a B196

1982, July 1 - Telecomm. progress



YAR 07-08 €15.00 deluxe sheet €20.00
25 f Control center 100 f Telewriter
C102, C106 1731, 1735

YAR 09-10 sheet of 4 €f.p.

25 f Control center 100 f Telewriter
C108-9 B222-3



**YEMEN,
REPUBLIC OF**

2004, Sept. 26 - Telecommunication and technology in Yemen



YR 01-02 €6.40
60 f e-mail, IC, keyboard
70 f Terminal, binary code
804-5 291-2



YR 02 sheet €7.50
400 r Terminal, binary code
807 B41

----- Catalog by country Y



**YEMEN,
PEOPLE'S DEMOCRATIC
REPUBLIC OF**

1976, Apr. 17 - Soviet cosmonauts and space program

YPDR 01 €0.40

40 f Robotic space probe 172 186



1983, June 10 - WCY

YPDR 02 €5.50

150 f, 200 f Terminal 290-1 303-4



YUGOSLAVIA

1978, Jan. 28 - Post Office Museum

YU 01 €0.40

10 D Perf. tape telegraphy

1365 1719



1987, Dec. 10 - Postal service

YU 02 €0.40

106 D Terminal 1803 2256

1988, Jan. 22 - Postal service

YU 03 €0.35

106 D Terminal 1804 2258

1988, June 24 - Definitive, overprint

YU 04 €0.20

140 D on 106 D Terminal 1913 2283



1988, Aug. 11 - Postal service

YU 05 €0.20

140 D Terminal 1806 2289

1988, Dec. 15 - Definitive, overprint

YU 06 €0.20

220 D on 140 D Terminal 1948 2317

----- Catalog by country Y

1989, July 20 - Postal service

YU 07 €0.20

2000 D Telecard, magnetic strip

1939 2361A perf 13¼

1939 2361C perf 12½



1990, Jan. 20 - Communist conference

YU 08 €0.65

50000 D PC 2002 2394

1990, Feb. 6 - Postal service

YU 09 €0.80

0.60 D Telecard, magnetic strip

2009 2403

1990, Mar. 23 - 125 years UPU

YU 10 perf. €1.00

imperf. €30.00

6.50 D Terminal 2037 2411



1991, Dec. 7 - Postal service

YU 11 perf 13¼ €3.00 perf 12½ €0.70

5 D on 0.60 D Telecard, magnetic strip

2052 2518A, C

1993, Apr. 1 - Important personalities

YU 11A €1.50

40000 D Mihailo Petrović Alas,
analogue computer

2597

1996, Oct. 31 - Saving accounts, 75th anniv.

YU 12 €0.45

1.50 D Credit card 2353 2797



1998, Dec. 17 - Third Meeting of Southeast European Postal Ministers

YU 13 €1.00

5 D FO 2429 2894

----- Catalog by country Z

2000, Nov. 2 - Millennium, booklet



YU 14 €2.70

12 D Galileo Galilei

12 D Perf. tape telegraphy

2502 NH10



1978, Dec. 28 - History of aviation



ZAI 01 perf. €0.20

imperf. €1.00

30 s Leonardo Da Vinci

893 580

1982, Feb. 8 - ITU



ZAI 02-03 €1.60

1.70 Z Punch tape

4.50 Z Magnetic tape

1047, 9 751, 3

1984, May 14 - WCY

ZAI 04 perf. €0.20

imperf. €5.00

10 K Display using GPS

1139 846



1985, Feb. 19 - History of aviation, overprint
(black bar, silver emblem)

ZAI 05 perf. €21.00 imperf. €5.00

2.50 Z on 30 s Leonardo Da Vinci

1173 880

----- Catalog by country Z



ZAMBIA

1964, Oct. 24 - ITU

ZAM 01 €0.20

6 d Teletype

9

6



1990, July 23 - SADDC, 10th anniv.

ZAM 02 €8.00

K 19.50 VDT

512

521

2000, Feb. 7 - Millennium

ZAM 03 €9.00

K 500 Microprocessor

856k 1095



ZIMBABWE

1985, Nov. 13 - UN decade for woman

ZIM 01 €0.90

10 c VDT

519

335



1999, Jan. 19 - 125 years UPU

ZIM 02 €0.20

\$1.20 PC

812

631

2001, Oct. 16 - YDAC



ZIM 03-04 €2.00

\$8.00 CD

\$21.00 Keyboard

895-6 714-5

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Representative items for one computer

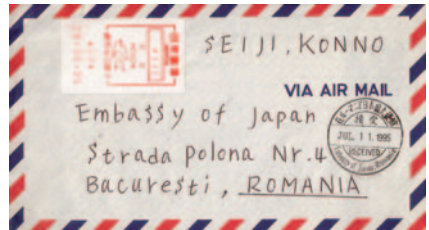
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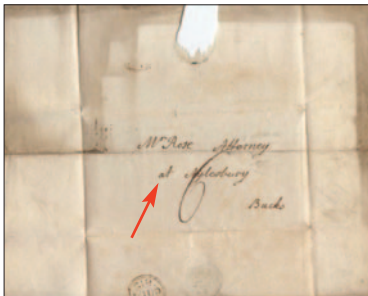
Electronic mail - the @-symbol. (@ is pronounced, in Spanish, as ARROBA). ARROBA is the name of the city in Spain (J. Cura collection).



Typewriter advertising. Russian postal stationery used in September 1899 with a commercial drawing of the Yost model 2 typewriter (J. Vandenhaute collection).



Nippon postage vending imprinter
 HITACHI (Computer Company) advertising. Departure: 29.06.95; Transit: BUCURESTI CARTARE C 42 10.7.95; Arrival: JUL 11 1995 RECEIVED Embassy of Japan Romania (author's collection).



Electronic mail - the @-symbol. (@ is pronounced, in English, as at). 1812 (pre-stamp era) folded letter to Aylesbury, manuscript "6", b/s red cds June 11, 1812 (author collection).



Computers network via satellite.
 On November 17, 1980, the world's first commercial satellite was launched by IBM & ATNA companies. It was specifically designed for high-speed business communications between IBM computers in order to provide commercial customers with advanced data, voice, video, and document transmission (author collection).