1992

Castles - Second Issue - Original Design

OFNP / DEX

Original Translucent Paper

LRO2000A.CG.

LRO2000A.HGP.

LRO2000A

LRO2000A.VGP.

1992
Castles - Second Issue
RE - ENGRAVED DESIGN

The £1 Stamp
deep green

No. H.OF/D.1002.

01.VGP.
Vertical Gutter Pair

Creamy Opaque Paper

01.

Creamy translucentPaper

02.

02.VGP
Vertical Gutter Pair

1992
Castles - Second Issue
RE - ENGRAVED DESIGN

The £1.50 Stamp
crimson

No. H.OF/D.1502.

01.VGP. **Vertical Gutter Pair**

Creamy Opaque Paper

01.

01.1. **brown top on Queens head outline of chimney very weak**

01.2. **brown top on Queens head chimney omitted**

Creamy translucent Paper

02.

02.VGP.
Vertical Gutter Pair

No. H.OF/D.1502.01.1.
brown top on Queens head outline of chimney very weak

No. H.OF/D.1502.01.2.
brown top on Queens head chimney omitted

1992
Castles - Second Issue
RE - ENGRAVED DESIGN

The £1.50 Stamp
crimson

No. H.OF/D.1502.

White Translucent Paper

03.

03.VGP.
Vertical Gutter Pair

04.1.

colour variation
„bright red shade"

Ultra White Translucent Paper

04.VGP. **Vertical Gutter Pair**

05.HGP. **Horizontal Gutter Pair**

1992
Castles - Second Issue
RE - ENGRAVED DESIGN

The £1.50 Stamp
crimson

No. H.OF/D.1502.

White Paper - PVA Lay Flat Gum

05.

05.1. **colour variation „bright red shade“**

05.VGP. **Vertical Gutter Pair**

Creamy Paper - PVA Gum
„Trial Printing“

06.

06.VGP. **Vertical Gutter Pair**

1992
Castles - Second Issue

The £2 Stamp
deep grey blue

No. H.OF/D.2001.

Creamy Paper and Creamy Gum

03.VGP.

03.

03.1.

Gold Head partly omitted

04.

colour variation *„very bright blue“*
Plate 2C

05.VGP.

colour variation *„pale grey blue“*
weak print
Plate 2X

05.

colour variation *„pale grey blue“*
weak print
Plate 2X

1992
Castles - Second Issue
RE - ENGRAVED DESIGN

The £2 Stamp
deep grey blue

No. H.OF/D.2002.

Creamy Opaque Paper

01.

01.1.

colour variation
„very pale blue"

01.VGP. **Vertical Gutter Pair**

02.VGP. **Vertical Gutter Pair**

Creamy Translucent Paper

02.1.

colour variation
„very pale blue"

02.

1992
Castles - Second Issue
RE - ENGRAVED DESIGN

The £2 Stamp
deep grey blue

No. H.OF/D.2002.

03.VGP.
Vertical Gutter Pair

White Translu

£2 Reengraved
white translucent
LRO 2005

03.

White Paper - PVA Lay Flat Gum

04.VGP.
Vertical Gutter Pair

04.

05.
Translucent Paper

Translucent Paper

05.VGP.
Vertical Gutter Pair

1992
Castles - Second Issue

The £3 Stamp
violet

No. H.F/D.3001.01.GB.

Creamy Translucent Paper

1992
Castles - Second Issue
RE - ENGRAVED DESIGN

The £3 Stamp
violet

No. H.OF/D.3001.

01.VGP.
Vertical Gutter Pair

Creamy Translucent Paper

01.

White Translucent Paper

02.

02.1. **vertical perforation shift**

02.VGP. **Vertical Gutter Pair**

1992
Castles - Second Issue

The £3 Stamp
violet

No. H.OF/D.3001.

White Paper and PVA Lay Flat Gum

03.

03.HGP.

Perforation shift

03.01.

left margin stamp
8 mm sideways shift

03.01.

right margin stamp
8 mm sideways and 4 mm upwards shift

1992
Castles - Second Issue

The £5 Stamp
sepia

No. H.OF/D.5001.01.GB. **Original Translucent Paper**

1992
Castles - Second Issue

The £5 Stamp
sepia

No. H.OF/D.5001.

0riginal Translucent Paper

01.VGP.

01.

01.HGP.

Creamy Paper and Creamy Gum

02.

02.1.
1.5 mm perforation shift upwards

1992
Castles - Second Issue
RE - ENGRAVED DESIGN

The £5 Stamp
sepia

No. H.OF/D.5002.

01.VGP.
Vertical Gutter Pair

Creamy Opaque Paper

01.

Creamy translucent Paper

02.

02.VGP.
Vertical Gutter Pair

1992
Castles - Second Issue
RE - ENGRAVED DESIGN

The £5 Stamp
sepia

No. H.OF/D.5002.

03.VGP.
Vertical Gutter Pair

White Translucent Paper

03.

White Paper - PVA Lay Flat Gum

04.

04.VGP.
Vertical Gutter Pair

Regionalmarken

Isle of Man

Nordirland

Schottland

Wales

Ausgaben in Rastertiefdruck (Harrison)

Mit Einführung der Dezimalwährung, wurden auch die Regionalmarken neu gestaltet. Wie bei den Englandmarken wurde der Entwurf von Arnold Machin zugrunde gelegt. Der Gesamtentwurf der Marken stammt von Jeffery Matthews. Die Marken aller Regionen haben den gleichen Layout, mit dem jeweiligen Landesemblem in der linken, oberen Ecke.

Die Marken sind bestimmt zur Verwendung in den Regionen. Sie sind jedoch im gesamten Königreich gültig, mit Ausnahme der Kanalinseln, die ihre eigene Posthoheit haben und ab 5. Juli 1973 auch für die Isle of Man, die dann ihre postale Unabhängigkeit erhielt.

Kopf Typen und Wertziffernpositionen

Die Ausgaben wurden mit unterschiedlichen Kopf Typen gedruckt (das Porträt ist kleiner als bei der Englandausgabe), die jedoch im Einzelnen nicht zu beachten sind, da bei einer Wertstufe immer nur die gleiche Kopf Type verwendet wird.
Das gleiche trifft auch für die Positionen der Wertziffern zu.

Phosphorraster

Alle Phosphorbänder haben Raster 150, ausgenommen die Werte, 3p, 5½p und 8p, alle mit zwei Phosphorbändern, die Raster 250 haben.

Regionalausgabe

Isle of Man

Druck: Harrison

1971

OCP / PVA

Phosphorband Mitte

M1

Zwei Phosphorbänder

M2

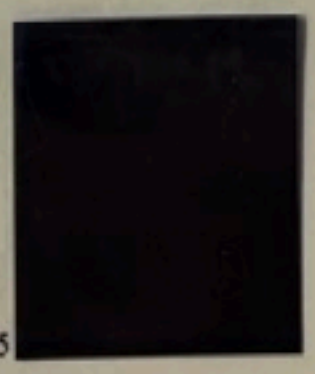
M3

M4

1973

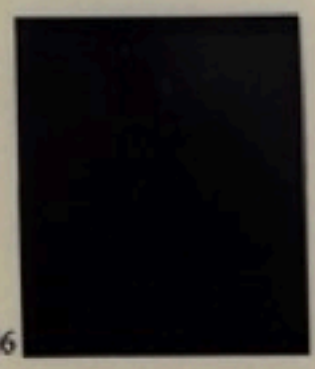
FCP / PVA

Phosphorband Mitte



M5

Zwei Phosporbänder



M6

Nach diesen Ausgaben, erhielt die Isle of Man am 5. Juli 1973 die eigene Posthoheit und folgte mit eigenen Ausgaben.

Regionalausgabe

Nordirland

Druck: Harrison

1971

OCP / PVA

Phosphorband Mitte

N1

Zwei Phosphorbänder

N2

N3

N4

Phosphorraster 250

1973 / 1974

FCP / PVA

Phosphorband Mitte

N5

N7

Zwei Phosphorbänder

N6

Phosphorraster 250

1974 - 1980
FCP / DEX

Phosphorband Mitte

N8

N10

N13

N14

N15

N19A

Zwei Phosphorbänder

N9

N11

N12
Phosphorraster 250

N16
Phosphorraster 250

N17

N18

N19

N20

N21

1980
PCP / DEX

N25

N26

N27

Regionalausgabe

Schottland

Druck: Harrison

1972
OCP / PVA

Phosphorband Mitte

S3

Zwei Phosphorbänder

S4

Phosphorraster 250

S5

S6

S6 NP

Fehlende Phosphorbänder

1972
FCP / GA

S1

Phosporband Mitte

S2

Zwei Phosphorbänder

1973 / 1974
FCP /PVA

Phosphorband Mitte

S7

S8

Phosphorraster 250

Zwei Phosphorbänder

S8

S10

S11

S12

1974 - 1980
FCP / DEX

Phosphorband Mitte

S13

S15

S18

S19
türkisblau

S20
pfauenblau

S21

S25A

Zwei Phosphorbänder

S14

S16

S17
Phosphorraster 250

S22
Phosphorraster 250

S23

S24

S25

S26

S27

1980
PCP / DEX

S30

S31

S32

Regionalausgabe

Wales

Druck: Harrison

1971 - 1974

FCP / GA

Phosphorband Mitte

W1

Zwei Phosphorbänder

W2

Phosphorraster 250

OCP - PVA

Zwei Phosphorbänder

W4

Phosphorraster 250

W5

W6

Phosphorband Mitte

W3

Fehlende Phosphorbänder

W3NP

W4NP

W5NP

W6NP

FCP / PVA

Phosphorband Mitte

W7

Zwei Phosphorbänder

W9

W8

Phosphorraster 250

W10

1974 - 1980

FCP / DEX

Phosphorband Mitte

W12

W15

W16

W17

W21A

Zwei Phosphorbänder

W11

W13

W14

Phosphorraster 250

W18

Phosphorraster 250

W19

W20

W21

W22

W23

PCP / DEX

W26

W27

W28

Regionalmarken

Nordirland

Schottland

Wales

Ausgaben in Offsetdruck
(Questa und Waddington)

In 1981 wurden die Verträge für den Druck der Regionalmarken von Harrison auf die Firmen Questa (für Nordirland und Wales) und Waddington (für Schottland) übertragen. Beide Firmen druckten die Marken in Offsetdruck und nicht in Rastertiefdruck. Im April 1986 übernahm Questa auch die bisher von Waddington durchgeführten Druckaufträge für die Schottlandmarken.

Kopftypen

Wie bei der Englandausgabe, gibt es auch bei den Regionalmarken einige unterschiedliche Kopftypen, die jedoch nicht weiter zu beachten sind, da es für die einzelnen Werte keine unterschiedlichen Kopftypen gibt.

Papier und Gummi

Die für die Englandausgaben gemachten Angaben für Papier- und Gummisorten, treffen auch auf die Regionalmarken zu.
Nur ist zu beachten, daß der PVA-Gummi von Harrison gelblich gefärbt ist. Der der anderen Papierhersteller nicht. Die DEX-Gummierung von Harrison hat eine bläulich, grüne Tönung. DEX. von Slater hat keine Tönung, sieht aber manchmal etwas gelber aus als die PVA-Gummierung, womit man sie verwechseln könnte.
Das sehr dicke Papier von Waddington für die Schottland 13p Marke, Type 1 (Nr. LS 131), ist FCP/PVA mit einer Versuchsbeschichtung. Es hat einen geringen Aufheller und hat eine schwache UV - Reaktion.

Phosphorraster

Da die Phosphorbänder in Lithographie aufgedruckt werden, ergibt sich keine Rasterung.

Phosphorbänder

Phosphorbänder sind nur für die Werte der zweiten Gebührenklasse aufgedruckt worden und für Marken in Markenheften. Alle anderen Werte sind auf phosphorbeschichtetem Papier.

Phosphorbalken

Eine Neuheit schuf Questa mit der Schottlandausgabe der 12p FCP/DEX Marke (Nr. LS 121), vom 29.4.1986, mit einem Phosphoraufdruck als Seitenbalken, das sind unterbrochene Phosphorstreifen, die die Markenränder freilassen, um die Durchführung der Perforation zu verbessern. Diese Phosphorbalken wurden dann auf die 12p und 13p Marken aller drei Regionen übertragen.
Bei der neuen 14p Marke, für die Gebührenerhöhung, wurde im Oktober 1986, ein Mittelbalken als Phosphoraufdruck eingeführt. Dieser auch als unterbrochener Phosphorstreifen von 4,5 mm Breite; absichtlich rechts der Mitte plaziert.

Neuzeichnung der Länderembleme

Für den Offsetdruck wurde für die Länderembleme ein neuer Entwurf gezeichnet. Bei den ersten Drucken in Offsetdruck wurden allerdings, fälschlicherweise, die Entwürfe für den Rastertiefdruck verwendet. Die korrekten Zeichnungen für Lithographie (gezeichnet 1981 - 1982) wurden dann nach und nach ab, 1983 eingeführt.

Regionalausgabe

Nordirland

Druck Questa

Ab 1981 wurden die Marken für Nordirland ausschließlich von Questa gedruckt.

Zähnungen

Questa verwendete im Zeitraum von 1981 bis 1983 die Zähnung 13½ x 14 und von 1984 an 15 x 14, wie sie auch von Harrison verwendet wird.

Landesemblem

Es gibt drei verschiedene Typen des Landesemblems. Type 1 wurde etwa bis Mitte 1984 verwendet. Ab Herbst 1984 wurde Type 2a verwendet, bis ca. Ende 1988. Die Type 2b tritt zuerst im Januar 1986 mit der 12p Marke (Nr. LN 121) in Erscheinung.

	Type 1	Type 2a	Type 2b
Kronenbogen unter den Perlen	*dünn*	*dick*	*dick*
Drei letzte Perlen an der linken Seite	*separat*	*separat*	*verbunden*
2. Perle links vom Reichsapfel	*separat vom Bogen*	*separat vom Bogen*	*am Bogen verbunden*
Handfläche	*linke Seite rund*	*linke Seite gerade*	*linke Seite gerade*
Weiße Daumenlinie in der Hand	*nicht vorhanden*	*klar sichtbar*	*klar sichtbar*

1981 - 1983

Zähnung 13½ x 14

Druck Type 1

Phosphorseitenband Links

FCP / PVA

LN115

FCP / DEX

LN125

PCP / DEX

LN155

LN160

LN195

LN205

LN260

LN280

PCP /PVA

LN140

LN180

LN220

1984 - 1991

Phosphorseitenband Links

FCP / DEX

LN120 **Druck Type 2b**

LN127 **Druck Type 1**

LN130 **Druck Type 2a**

Phosphorseitenbalken Links

FCP / DEX

LN121 **Druck Type 2b**

LN131 **Druck Tpy 2b**

FCP / PVA

LN126 **Druck Type 1**

LN132 **Druck Type 2b**

Phosphorbalken Mitte

FCP PVA

LN150 **Druck Type 2b**

LN 150Bu Phosphorbalken nach unten versetzt

LN 150Bo Phosphorbalken nach oben versetzt

LN141 **Druck Type 2a**

LN174 **Druck Type 2b**

LN 174Bo Phosphorbalken nach obenversetzt

LN182 **Druck Type 2a**

1984 - 1990

PCP / DEX

LN161

Druck Type 1

LN170

Druck Type 2a

LN171

Druck Type 2a

FBO

LN310

Druck Type 2a

ACP / DEX

Druck Type 2a

LN172

LN190

LN221

Druck Type 2b

LN173

LN181

LN222

LN230

LN261

LN262

LN281

LN311

LN320

LN370

Regionalausgabe

Schottland

Druck Waddington

Druck Questa

Von 1981 bis 1986, wurden die Marken für Schottland von Waddington gedruckt und ab Mitte 1986 von Questa.

Landesemblem

Es gibt zwei verschiedene Typen des Landesemblems. Type 1 wurde bis Anfang 1985 verwendet. Ab April 1985 trat Type 2 in Erscheinung.

Type 1

Type 2

	Type 1	Type 2
Auge	*wie eine horizontale 6*	*markant, Verbindung zum Hintergrund*
Mähne	*Locken sind gut definiert*	*flachere Locken dünnere Linien*
Hinterbeine	*stark ausgeprägt*	*dünner*
Zunge	*schmal im Mund*	*breit im Mund*

1981 - 1986

FCP /PVA

Seitenband Links

Druck Type 1

LS125

LS126

Firnisüberzug

LS115

LS130

LS131

dickes Papier

Druck Type 2

LS120

LS132

PCP /PVA

1985

LS172

Druck Type 2

ACP / DEX

1983

LS161

Druck Type 1

1984

LS221

Druck Type 1

1985

LS222

Druck Type 2

1981 - 1985

PCP /DEX

Druck Type 1

LS140

LS155

LS160

LS170

LS180

LS195

LS205

LS220

LS260

LS280

LS310

Druck Type 2

LS120

17.1

LS132

3.1.

Regionalausgabe

Wales

Druck Questa

Ab 1981 wurden alle Marken für Wales ausschließlich von Questa gedruckt.

Zähnungen

Questa verwendete im Zeitraum von 1981 bis 1983 die Zähnung 13½ x 14 und von 1984 an, 15 x 14, die gleiche Zähnung, die auch von Harrison verwendet wird.

Landesemblem

Es gibt zwei verschiedene Typen des Landesemblems. Type 1 wurde bis Anfang 1986 verwendet. Ab April 1986 trat Type 2 in Erscheinung.

	Type 1	Type 2
Auge	*keine Verbindung zum Hintergrund*	*Verbindung zum Hintergrund*
Zunge und Schwanz	*dünne Linien*	*dicke Linien*
Klauen	*schmal*	*breit*
Haken	*von den Flügeln getrennt*	*mit den Flügeln verbunden*

1981 - 1983

Zähnung 13½ x 14

Druck Type 1

Phosphorseitenband Links

FCP / PVA

LW115

FCP / DEX

LW125

PCP / DEX

LW155

LW160

LW195

LW205

LW260

LW280

PCP /PVA

LW140

LW180

LW220

1985 - 1991

Phosphorseitenbalken links

FCP / DEX

LS 121

FCP / DEX

LS133

FCP / PVA

LS134

FCP / PVA

Phosphorbalken Mitte

LS141

LS 141Bo

Phosphorbalken
nach oben versetzt

LS174

LS
174Bu

Phosphorbalken
nach unten versetzt

LS183

Phosphorband Mitte*

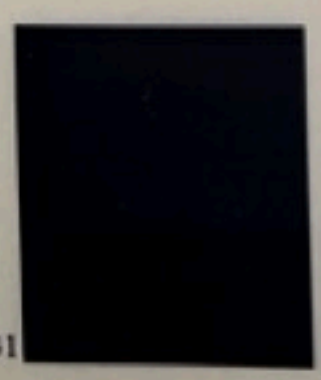
LS142

Phosphorseitenband Links*

LS143

Zwei Phosphorbänder*

LS191



LS231

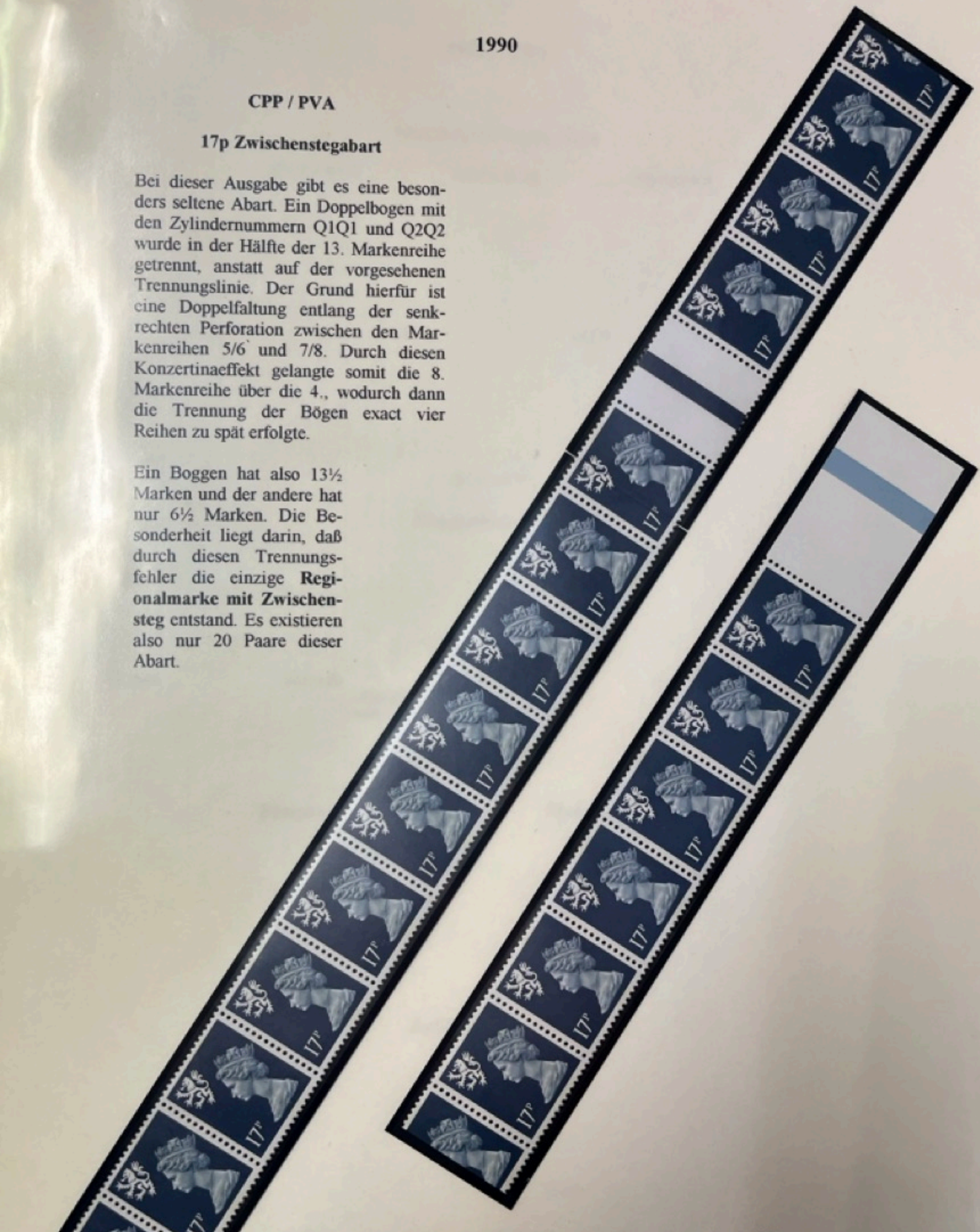
*Diese Marken entstammen dem £6 Markenheft "Scotts Connection"
(Ausgabe 21.3.1989)

CPP / PVA

17p Zwischenstegabart

Bei dieser Ausgabe gibt es eine besonders seltene Abart. Ein Doppelbogen mit den Zylindernummern Q1Q1 und Q2Q2 wurde in der Hälfte der 13. Markenreihe getrennt, anstatt auf der vorgesehenen Trennungslinie. Der Grund hierfür ist eine Doppelfaltung entlang der senkrechten Perforation zwischen den Markenreihen 5/6 und 7/8. Durch diesen Konzertinaeffekt gelangte somit die 8. Markenreihe über die 4., wodurch dann die Trennung der Bögen exact vier Reihen zu spät erfolgte.

Ein Boggen hat also 13½ Marken und der andere hat nur 6½ Marken. Die Besonderheit liegt darin, daß durch diesen Trennungsfehler die einzige **Regionalmarke mit Zwischensteg** entstand. Es existieren also nur 20 Paare dieser Abart.



17p dunkelblau Type 2 Nr. LS 174
1 Streifen des Bogens zu 13½ Marken mit Zwischensteg
1 Streifen des Bogens zu 6½ Marken

1986 - 1990

ACP / DEX

LS173

LS181

LS182

HLS

LS190

HLS

LS223

gelbgrün

LS224

orangerot

LS230

HLS

LS261

rot

LS262

mausgrau

LS281

LS312

LS320

HLS

LS370

1984 - 1991

FCP / DEX

Phosphorseitenband Links

LW120 **Druck Type 1**

LW126 **Druck Type 1**

LW130 **Druck Type 1**

LW133 **Druck Type2**

Phosphorseitenbalken Links

LW121 **Druck Type 2**

LW131 **Druck Type 2**

FCP / PVA

Phosphorseitenbalken Links

LW132 **Druck Type 2**

W132Bu Phosphorbalken nach unten versetzt

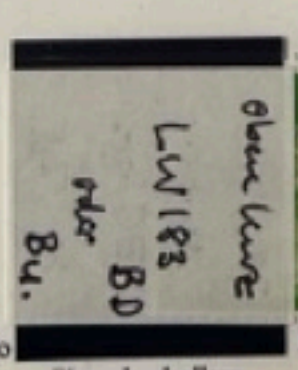
Phosphorbalken Mitte

LW141 **Druck Type 1**

W174NP Fehlender Phosphorbalken

LW150 **Druck Type 2**

LW174 **Druck Type 2**



W174Bo Phosphorbalken nach oben versetzt

LW183 **Druck Type 2**

W183Bo Phosphorbalken nach oben versetzt

1984

PCP /DEX

Druck Type 1

LW161

LW170

LW171

FBO

LW310

1984 - 1990

ACP / DEX

Druck Type 1

LW172

LW221

LW331

Druck Type 2

LW173

LW181

LW182

HLS

LW190

HLS

LW222

LW230

HLS

LW261

rot

LW262

mausgrau

LW281

LW320

HLS

LW370

Stamps with Security Features

by

Harrison / De La Rue

HARRISON

DeLaRue

Since February 1997, Harrisons & Sons Ltd. and De La Rue are one company. De La Rue bought a large interest in Harrisons for £27million and rationalised it's bank note and security printing operations. However, as De La Rue had ceased it's own stamp printing some years prior to this no rationalisation had to be made at the Harrisons plant.

There was no immediate hurry in replacing Harrisons logo by the De La Rue logo on the stamp sheets, but when new cylinders are required these will then bear the De La Rue imprint and logo.

Until 1997 all sheets bear the Harrisons logo. The De La Rue logo will appear step by step thereafter.

Harrison Printing in Photogravure - Acid Etched

OFNP / DEX

Phosphor Band Centre, yellow Flour

olive - green

RSF190
Cylinder 3

RSF190.NP
Cylinder 3
missing phosphor band

RSF190.NRB.
Left Stamp
1 mm phosphor band at right

Cylinder 3
phosphor band shift

RSF190.N2B.
Right Stamp
3 mm phosphor band at left and 1mm band at right

RSF190.VC.
Vertical Coil C37A

RSF191.VC.
Vertical Coil C37B
bottom of value filled in

RSF191.VCa.
Vertical Coil C37B
very streaky Queens portrait
bottom of value filled in lightly

RSF191.VCb.
Vertical Coil C37B
dark patch on cheek
and dark spot in Queens hair
bottom of value filled in

dark hatched spot on cheek
and dark spots in Queens hair

very streaky Queens portrait

bottom of value filled in

deep olive green

RSF191A
Cylinder 4

RSF191B
Cylinder 4
thick opaque paper

Harrison Printing in Photogravure - Acid Etched

Phosphor Band Centre, Blue Flour

OFNP / DEX

bright green

RSF200

Cylinder 12, 13

value position normal

deep bright green

RSF201

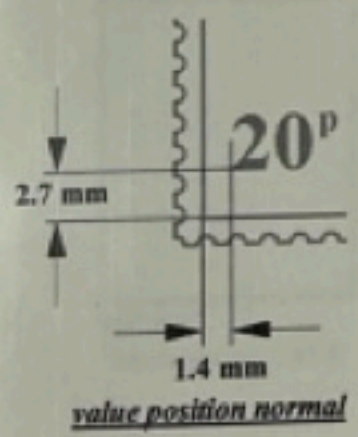
Cylinder 14

Value position high

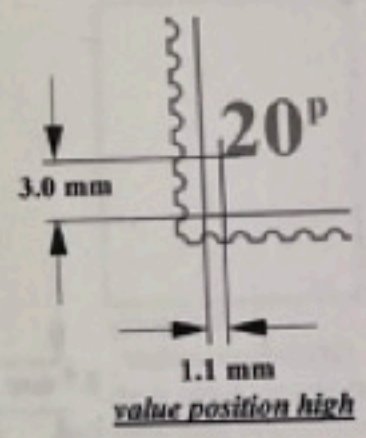
RSF200.IMP

Cylinder 13

imperforate



value position normal



value position high

OFNP / PVA

deep green

RSF202

Cylinder 14 (warrant 476)

Value position high

RSF202.BP

Cylinder 14 (warrant476)

blind perforation hole

deep bright green

RSF203

Cylinder 14 (warrant 500)

Value position high

Harrison Printing in Photogravure - Acid Etched

OFNP / PVA

Phosphor Band Centre, Yellow Flour

RSF192

Cylinder 3*

RSF193

Cylinder 3**

thin paper with translucent gum

**This was the initial trial with "PVA lay flat" gum.*

*** The later print shows a whiter more transluscent appearance to the gum, but this was caused by thinner paper rather than a change of gum formulation.*

OFNP / DEX

Phosphor Band Centre, Blue Flour

olive green

RSF 194

Cylinder 1, 3, 6

RSF194 scr.

Cylinder 3

screened value

RSF195.VC.1

Vertical Coil C37C

deep olive green

RSF194

Cylinder 4

thin value

RSF194A

Cylinder 4

opaque paper

RSF194B

Cylinder 4

translucent paper

dark patch on cheek

RSF194C

Cylinder 4

dark patch on cheek, bottom of value filled in

bottom of value filled in

Harrison Printing in Photogravure - Acid Etched
OFNP / DEX

Two Phosphor Bands, yellow Flour

25p

salmon - pink

RSF250.1.
Cylinder 7

RSF251
Cylinder 7
transluscent paper

wide, inset phosphor band left

RSF251.BBL.
Cylinder 7
wide, inset phosphor band left

RSF252A
Booklet Panes DP206A and 214A

RSF251.S16.
Booklet Pane DP204A
phosphor bands short at top

RSF251.VC.
Vertical Coil C43

Harrison Printing in Photogravure - Acid Etched

Two Phosphor Bands, Blue Flour

OFNP / DEX

salmon - pink

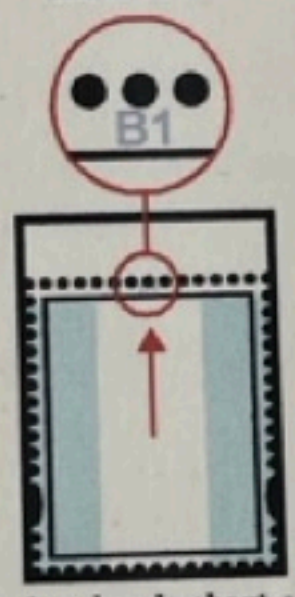
RSF252
Cylinder 5 and 7

RSF252.S16.B.
Booklet Pane DP214B
phosphor bands short at top

RSF252.A.
Booklet Panes DP206B
and DP214B

RSF252.S16.C.
Booklet Pane DP214B
phosphor bands short at top and plate number of phosphor cylinder in top margin of stamp

RSF252.VC.
Vertical Coil C43A



phosphor bands short at top and plate number of phosphor cylinder in top margin of stamp
RSF252.B.

RSF252.VCA.
Vertical Coil C43A
translucent paper

OFNP / PVA*

RSF254
Cylinder 7

** The remainder of the paper, originally used for the 19p PVA layflat trials of 1994 (RSF192 and RSF 193), was used for this printing in error.*

Harrison Printing in Photogravure - Acid Etched

Two Phosphor Bands, Blue Flour

OFNP / DEX

RSF260
Cylinder 6
reddish brown

RSF260.scr.
Cylinder 6
reddish brown
translucent paper

RSF260.A
Cylinder 6
pale reddish brown

RSF261
Cylinder 6
deep reddish brown
(warrant 425)

OFNP / PVA

RSF262
Cylinder 11
pale reddish brown

RSF263
Cylinder 6
reddish brown

OFNP / DEX

amethyst

RSF370
Vertical Coil C52
9.5 mm phosphor bands

RSF371
Vertical Coil C53
8 mm phosphor bands

chocolate - brown

RSF430
Vertical Coil C58
9.5 mm phosphor bands

RSF431
Vertical Coil C59
8 mm phosphor bands

light emerald

RSF630
Vertical Coil C70
9.5 mm phosphor bands

RSF631
Vertical Coil C71
8 mm phosphor bands

Harrison / De La Rue Printing in Photogravure - Computer Engraved

OFNP / PVA Layflat

Two Phosphor Bands, Blue Flour

RCF10
Cylinder 1

RCF20
Cylinder 1

RCF40
Cylinder 1

RCF50A
Cylinder 1
light brown

RCF50B
Cylinder 1 (Warrant 640)
pale brown

RCF60
Cylinder 1

RCF50B.BP.
Cylinder 1 (Warrant 640)
pale brown
blind perforation below security perforation

RCF60.BP.
Cylinder 1
lime green
blind perforation between left stamp and margin

RCF70
Cylinder 1

RCF80
Cylinder 1

Harrison / De La Rue Printing in Photogravure - Computer Engraved

OFNP / PVA Layflat

Two Phosphor Bands, Blue Flour

RCF300

Cylinder 1

grey - green

RCF301

Cylinder 1

deep greyish green

RCF310A

Cylinder 1

deep royal purple

RCF310

Cylinder 1

royal purple

RCF310A.BP.

Cylinder 1

deep royal purple

blind perforation between stamp and margin

RCF330

Cylinder 1

RCF370

Cylinder 1

RCF370

Vertical Coil C54

RCF380

Cylinder 1

RCF390

Cylinder 1

RCF400

Cylinder 1

RCF410

Cylinder 1

Harrison / De La Rue Printing in Photogravure - Computer Engraved

OFNP / PVA Layflat

Two Phosphor Bands, Blue Flour

RCF430A

Cylinder 1

sepia - brown

RCF430.VC.

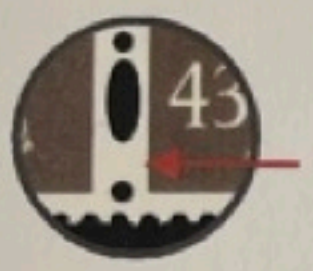
Vertical Coil C60

sepia - brown

RCF430B

Cylinder 1

deep sepia - brown



RCF430B.BP1.

Cylinder 1

deep sepia - brown

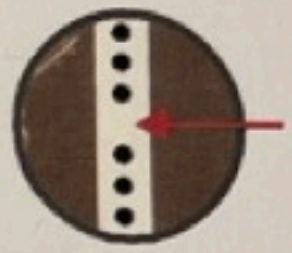
blind perforation in centre margin

RCF430B.BP2.

Cylinder 1

deep sepia brown

blind perforation in centre margin



RCF440

Cylinder 1

RCF450

Cylinder 1

RCF500

Cylinder 1

RCF630

Cylinder 1

RCF640

Cylinder 1

RCF650

Cylinder 1

RCF1000

Cylinder 1

Upward shift of Iodine ink by 1 mm, resulting in a stripe of dull violet at the bottom of the stamp.

RCF1000.SS.

Cylinder 1

1 mm upward shift of irodin ink

Harrison Printing in Photogravure - Acid Etched

OFPP / DEX

salmon - pink

R5P250
Cylinder 5

R5P250.MP
Cylinder 5
perforation shift down

R5P250.VC.
Vertical Coil C42

R5P250
Booklet Panes DP206 and DP214

R5P250
Booklet Pane DP204

R5P250
Booklet Pane DP206
very thin value due to over-inking on left side of value

R5P250.BP.
Booklet Pane DP206
blind perforation hole above security perforation

---

deep yellow

R5P350
Vertical Coil C51

stone

R5P410
Vertical coil C36

OFPP / DEX

25p Booklet Panes

DP204

DP206

DP214

Non Eliptical Perforation

Readers Digest Coils

RD Coil CS20

ROP40

ROP50

OFNP / DEX

Two Phosphor Bands - RD Coil C 44

ROF250

OFNP / DEX

25p Booklet Panes
Two Phosphor Bands

DP204A - yellow flour

DP214A - yellow flour

DP206A - yellow flour

DP214B - blue flour

DP206B - blue flour

Harrison / De La Rue Printing in Photogravure - Computer Engraved

OFPP / PVA Layflat

Jeffrey Matthews Miniature Sheet

This sheet, intended to show the colour palette for Machin definitive stamps established by Jeffrey Matthews, was designed by its inspirer and contains 8 stamps. The two labels in the centre showing the Royal Mail crest on top and Metthews' monogram on an artist's palette below. The stamps are printed on phosphor coated paper (OFPP) on the Jumelle press. All the 10 colour units were used to print the different colours of the stamps and the labels, leaving none free to print phosphor bands, hence the use of phosphorised paper. This EXHIBITION SOUVENIR was in aid of "THE STAMP SHOW " 2000, Earls Court, London, 22 to 28 May 2000.

RCPMS1

RCP40

RCP50

RCP60

RCP100

RCP310

RCP390

RCP640

RCP1000

De La Rue Printing of Small Format High Values

Although the large format Castle stamps were very much liked by collectors, they were not so highly appreciated by the Post Office Counter staff. It was on their request that Royal Mail decided for a further change to their high value range in early 1999, reducing the stamp size down to the traditional low value definitive dimensions. This was the first time since 1867 that all stamps were of a uniform size.

There was an investigation made into the possibility of fitting the Castle design into this format, but it proved impossible without sacrificing much of the prominent details in the design.

Alternatively Royal Mail decided to go for the tried and trusted and went for the Machin head design, albeit retaining the popular recess printing method for high value stamps.

The first printing of these stamps was done by Enschede, however, they decided not to extend their contact, and so it reverted to De La Rue, the only other security printer equipped for recess printing.

OFNP / PVA

Recess Printing

DMH1500

DMH2000

DMH3000

DMH5000

Photogravure Printing

DGH1000

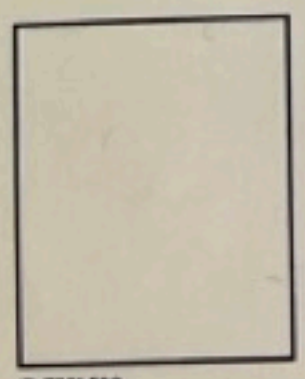
correct value tabbiet

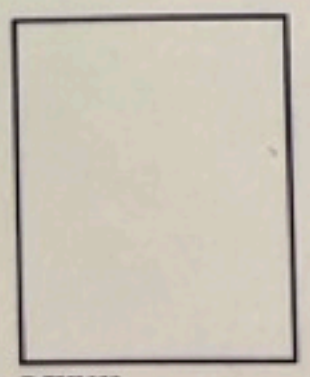
DGH2000A

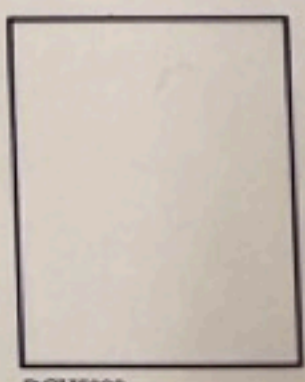
missing £-sign

missing £-sign

DGH2000


DGH1500


DGH3000


DGH5000

Castles
Second Issue

In March of 1992, the Post Office released enhanced versions of the castle series. This was the start of a campaign to introduce more security to the range of definitive stamps, as a measure against forgery. The colours used for the First Castles Issue were nearly matching the primary colours, today obtainable in sophisticated photocopiers.
The most obvious change to the everyday user of postage stamps is the elliptical perforation in the vertical edges of the stamp. The Queens Head of Machin design used in the former series was replaced by the Laurel-Leaf-Bandeau Head in profile, which was first used in 1968 for the 9d Anniversaries stamp, and was since widely used on commemoratives.
Although this is not a strict Machin design, these stamps will be included in this Machin stamp collection, as they are a natural development from the 1988 issue.
The ink used for the printing incorporates a fluorescent additive, which, when viewed under ultra-violet light, glows bright yellow on £1, £2 and £5 values and yellow orange on the £1.50.
OVI (Optical Variable Ink). The head is printed in a security ink OVI. This is the first time that this ink, which was originally invented for bank notes, has been used on postage stamps. The colour changes from gold to green depending on the direction of looking at the stamp.
The paper is OFNP (OBA Free Non-phosphorised Paper), which was generally introduced in April 1993. This Paper is similar to FCP, but has no OBA (Optical Brightening Agent), as production of FCP was found to be having harmful effect on the environment. The paper is very dull with no phosphor coating. The gum is Dextrin.
The elliptical perforation occupies the space of three conventional holes.

Original diamond shaped cross hatching

Original

Re-engraved

Re-engraved square cell hatching

Re-engraved Stamps. Starting in August 1994, all four values were introduced as re-etched versions. The original mother plates were enhanced by computer re-etching. The engraving of the illustrations appears much deeper. Due to this the stamps appear much deeper in colour. The best way to identify the re-engraved stamps is by examination of the Queen's head, which is made up of a series of small square cells, contrary to a diamond shaped cross hatching in the original version.
Translucent Paper. Soon after the first print runs of the re-etched Values £1, £1.50 and £2 were exhausted, reprints started to appear on an apparently thinner more translucent paper, which has also a whiter gum.

1992

Castles - Second Issue - Original Design

OFNP / DEX

LRO1000A.CG.

Original translucent Paper

LRO1000A

Original translucent Paper

LRO1000B.PS1. and LRO1000B.PS2.

Creamy Paper and Creamy Gum

Perforation Shift

11 mm upwards shift. Value tablet and Queens head is in stamp centre. Top margin stamp has no castle name.

LRO1000B

Creamy Paper and Creamy Gum

LRO1000.PS.

White Paper and White Gum

Perforation Shift

1.2 mm upwards and 7 mm right shift

LRO1000B.PS3.

Creamy Paper and Creamy Gum

Perforation Shift

2 mm upwards shift, bisecting castle name

LRO1000

White Paper and White Gum

1992

Castles - Second Issue - Original Design

OFNP / DEX

LRO1000A.HGP.

Original translucent Paper

LRO1001.HGP.

Creamy Paper and Creamy Gum

Perforation Shift

1.5 mm upwards shift, bisecting castle name. As this is a top margin stamp the bottom part of castle name does not appear in the top perforation.

LRO1000A.VGP.

Original translucent Paper

LRO1000.VGP.

White Paper and White Gum

LRO1001.VGP.

Creamy Paper and Creamy Gum

1992

Castles - Second Issue - Original Design

OFNP / DEX

Original Translucent Paper

LRO1500A.CG

LRO1500A.HGP

LRO1500A.PS.

Perforation Shift

7 mm shift down, castle name is now at the top and Queens head almost in the stamp centre.

LRO1500A

1992
Castles - Second Issue - Original Design

OFNP / DEX

White Paper White Gum

LRO1501

LRO1501.PS.

Perfotation Shift
1.5 mm upwards, perforation cuts into castle name

LRO1501.HGP.

LRO1501.VGP.

LRO1501.PS.VGP.

Perforation Shift
1 mm upwards shift, perforation just touching castle name

1992
Castles - Second Issue - Original Design

OFNP / DEX

White Paper White Gum
Basic Colour: Plum

LRO1500

LRO1500.EC.HGP.

Colour Error
"bright magenta" - Plate 2M

LRO1500.EC1.

Colour Error
"deep bright magenta" - Plate 2K

LRO1500.EC2.

Colour Error
"pale bright magenta"
and castle name in magenta - Plate 2M

LRO1500.EC.VGP.

Colour Error
"bright magenta" - Plate 2K

Printer

ENSCHEDE

Joh. Enschedé en Zonen BV, Haarlem, Neteherlands

The first stamp produced by Enschedé was the 8p value in 1979. At the time, the Post Office was in short supply of this value, which was the basic second class letter rate. The Post Office adopted a policy to diversify sources to ensure supplies of key values. Enschedé Security Printing BV were the only company who had the capacity to print large quantities at short notice at the required standard and a competitive price.

It was twelve years later, in 1991, when the next UK stamp, printed by this company, was issued. By this time the second class letter rate was 18p.

Enschedé was awarded a 5 year contract to produce definitives for Royal Mail as part of their policy of have a back up printer of high standard in the event of difficulties in supply from their main sources.

1979

The First Issue Printed by Enschedé

8p

No.: E.F/D.008.CB.

Printed on Harrison FCP/DEX Paper
Centre Phosphor Band in B3 Phosphor
Perforation: 15 x 14

1991

The Second Issue Printed by Enschedé

18p

No.: E.OF/P.018.CB.Y.

Printed on Coated Papers Ltd. Paper OFNP/PVA
Centre Phosphor Band in Yellow Fluor Phosphor
Perforation: 15 x 14

From 1991 onward all definitive stamps printed by Enschedé are on **OFNP/PVA** paper supplied by **Coated Papers Ltd.** From 1993 onward all stamps have „Security" (elliptical) perforation.

Perforation: 15 x 14

Enschedé from 1993

Engraving

Until 1993 the highest quality stamps had been produced by Harrison, using the photogravure technique. However, when Enschedé was awarded with their contract to print Great Britain definitives in great quantity, an advanced technology standard came on to the scene.

Until then Harrison had used the traditional craft based on the method of acid etching cylinders, which were depended entirely on the skill of the individual technician responsible what was a laborious, time consuming and expensive operation. Due to the human elements, quality varied and resulted in many wasted cylinders.

Enschedé used a new technique for cylinder manufacture that has since become the industry standard.

Their cylinders are engraved on a Klischograph computer based system. Instead of going through the many intermediate steps required to get from the original artwork into a sheet layout and from there onto a printing cylinder, it is possible just to scan the artwork and then impose the stamp into sheet layout all on computer, at the same time adding the value and necessary sheet markings in a single step. The computer then instructs the engraving machine to accurately engrave the stamp images onto the cylinder. The result of this is a much finer and sharper detailed image.

Paper

Royal Mail was of the opinion that fluorescent optical brightening agents (OBA) were pollutant and should be omitted from the paper. Consequently, all Enschedé printing from this time on are on **OBA Free Non-phosphorised Paper (OFNP)**, made by **Coated Papers Ltd. (CPL)**. An Exception is the 8p value of 1979, which is on Harrison FCP/DEX paper.

Gum

The gum used by Enschedé is **PVA**. They usually receive their paper supplies ungummed and gummed it themselves. In doing so they added blue dye to the PVA gum which normally is pure white to aid identification. This gum is often mistaken for Dextrin gum which was used by Harrison. In late 1995 Enschedé stopped purchasing ungummed paper and instead bought a paper from Coated Papers Ltd, which was pre-gummed with a relatively colourless PVA. At first as an emergency measure when printing 25p values, and then, from Spring 1996, for use on all future printings for Royal Mail.

Phosphor and Fluor

Also at this time, a new fluor, named **„Cartax“**, was added to the phosphor ink, which appears yellow under UV irradiation. This gave a highly visible band required to aid printers in checking the output of their presses. Unfortunately there was an unintended and unwanted side effect. The wavelengths of the fluorescence interfered with the Philtec reader in the automatic sorting. In an effort to solve this problem Royal Mail asked the printers to reduce the level of flour additive by half. The result was a paler and duller yellow flour. Enschedé in fact went through three stages in reducing the level of flour.

Reducing the levels of yellow flour additive proved only partially successful in resolving the interference problems with the sorting equipment, so it was necessary to find an alternative and permanent solution. Scientists at Royal Mail's research centre identified that flours in the blue spectrum caused little to no problems with the Philtec readers and were still sufficient bright to meet the printer's quality control needs.

A2 Phosphor

The details given above for compounds of phosphor and flour refer mostly to changes in the flour additive. However, developments have also taken place in the phosphor used in these compounds. First field trials of a new phosphor were made by Enschedé in August 1994 with a 38p value from warrant 060. This phosphor was called "Novaglo" and is today registered as A2-phosphor for easy reference. This phosphor has an afterglow under short wave UV as well as under long wave UV.

Yellow Fluor

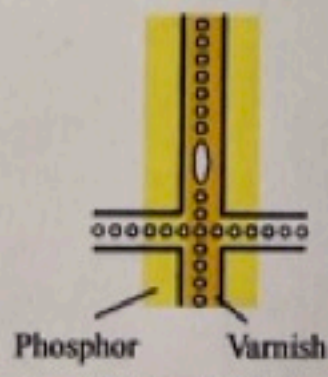
Yellow-Green Fluor

Blue Fluor can vary from a whitish blue to violet blue

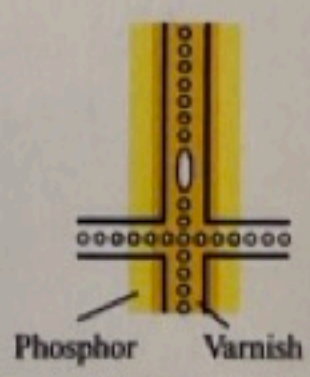
Varnish Bands

Enschedé experienced other problems with yellow phosphor. Coated Papers OFNP gravure paper proved too absorbent of the phosphor/flour compound, resulting in weak signals, insufficient to reliable operation of facing. In addition the phosphor ink was fugitive, rubbing away and spreading to areas of the stamp that should be free of phosphor. To combat this problem, varnish bands were printed onto the stamp over which the phosphor was subsequently printed. The varnish was acting as a barrier, preventing the ink from sinking into the paper surface.

Initial varnish bands were 4 mm wide, printed equally 2 mm to the left and right sides of each stamp, using an old phosphor cylinder. However, 4 mm bands wee too obvious to the eye and a narrower varnish band was used on later printings.



2 mm Varnish

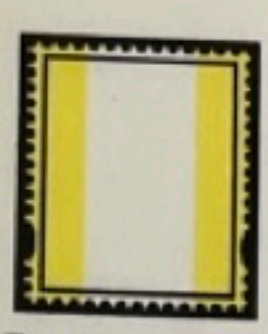


4 mm Varnish

1993

OFNP / PVA

Two phosphor bands with <u>bright yellow fluor</u>



Two phosphor bands with bright yellow flour

E10

E50

E60

wide phosphor band 7.5 mm left and narrow band 2 mm right

E60A

E60.WBL

wide phosphor band 7.5 mm left and narrow band 2 mm right

E100

E300

E350

E360

E380

E410

E290

1993/4

OFNP / PVA

Two phosphor bands with dull yellow fluor and 4 mm varnish bands under the phosphor

4 mm varnish band
dull yellow flour

4 mm varnish band left only
dull yellow flour
E301.VL.

E11

E40

E101

E200

E291

E301

E301.VL.
4 mm varnish band left only

E351

E361

E500

1994

OFNP / PVA

Two A-phosphor bands with dull yellow fluor and 2 mm varnish bands under the phosphor

E41

E51

E61

E201

E381

E381 IMP.

imperforate

E411

E501

A-phosphor bands with dull yellow fluor and 2 mm varnish bands

„Novaglo" phosphor bands with greenish yellow flour and 2 mm varnish bands

Two "Novaglo" phosphor bands with greenish yellow flour and 2 mm varnish bands under the phosphor*

** This was the first field try of a new phosphor which appeared on this value. The printing was in August 1994 (warrant 060). This phosphor shows a brighter and longer afterglow under short wave UV.*

038.3.

1994/5
OFNP / PVA

Two phosphor bands with very dull reduced yellow fluor and 2 mm varnish bands under the phosphor

very dull reduced yellow fluor and 2 mm varnish bands

varnish band right only
E12.VR.

E12

E12.VR.
varnish band right only

E20

E51A

E61A

E102

E201A

E292

E302

E352

E362

E382A

E411A

E501A

1995
OFNP / PVA

Two "Novaglo" phosphor bands with solid blue fluor and a violet tint and <u>no varnish</u> bands under the phosphor

E250

blue gum

E251

white gum

E252

creamy paper and creamy gum

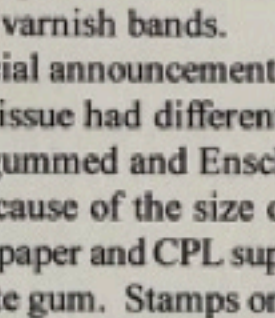
This printing was on an emergency order and had <u>no varnish bands</u> under the phosphor. The first time that this had happened with CPL paper for photogravure printing. However, this was an exception, because later printings of other values had the 2 mm varnish bands.

There was an official announcement by the Post Office that two printings of this issue had different gums. CPL paper is normally applied ungummed and Enschedé gum themselves, adding blue dye. Because of the size of this rush order they ran out of ungummed paper and CPL supplied already gummed paper, which has white gum. Stamps on white gummed paper were only printed on 28.9.1995.

The cream gum is possibly effected by the paper, which on this printing is much creamier than usual.

Two A-phosphor bands with <u>weak and patchy blue fluor and a bluish tint plus 2 mm varnish bands</u> under the phosphor

blue gum



blue fluor and 2 mm varnish bands

E42

E412

E1000

Two A-phosphor bands with <u>weak and patchy blue fluor and a bluish tint plus 2 mm varnish bands</u> under the phosphor

Creamy paper and creamy gum

E43

E413

E1001

1995/6

Two "Navaglo" phosphor bands with <u>solid blue fluor and a violet tint plus 2 mm varnish bands</u> under the phosphor

blue gum

blue fluor and 2 mm varnish bands

E13

E21

wide phosphor band left
narrow band right
varnish band left only

E21.VL.

E21.VL.

wide 7.5 mm phosphor band left
and narrow 2 mm band right
2 mm varnish band left only

E52

blue flour with a whitish tint

E55

E103

E293

E303

E304

blue flour with a whitish tint

E353

E383

E414

E430

E502

1995/6

Two "Navaglo" phosphor bands with <u>solid blue fluor and a violet tint plus 2 mm varnish bands</u> under the phosphor

white gum

blue fluor and 2 mm varnish bands

E14

crimson

E15

bright crimson

bright blue flour

E22

E23

bright blue flour

E44

E53

E54

deep reddish claret face

E62

E63

blue flour with whitish tint

E104

deep orange

E105

dull orange

E202

E203

blue flour with whitish tint

E303A

E305

blue flour with whitish tint

1995/6

Two "Navaglo" phosphor bands with <u>solid blue fluor and a violet tint plus 2 mm varnish bands</u> under the phosphor

white gum

E310

E311
reduced rhodamine flourescence

E370

E390

E391
„dull rose red"
redued rhodamine flourescence

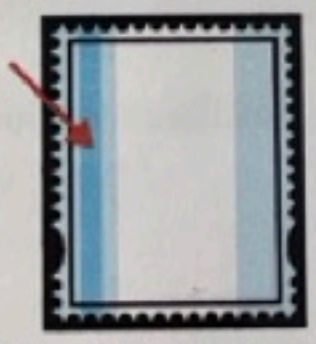
E431

E503
ochre

E504
bright ochre

E504.VL.
bright ochre
varnish band left only

E630



varnish band shift 2 mm to the right
varnish band left only
E504.VL.

E1002

E1003
no rhodamine-red fluorescence
17.5.1996 printing only

silver iriodine ink does not cover the bottom of the stamp
E1004

E1004
no rhodamine-red fluorescence, silver iriodine ink stops short of base of design, leaving a narrow non-metallic strip at the bottom of the stamp.

1997
Castles - Third Issue
£ 1.50 - OFNP / PVA
deep plum

No. LRS1500

1997
Castles - Third Issue
£ 2 - OFNP / PVA
deep indigo

No. LRS2000

1997
Castles - Third Issue
£ 3 - OFNP / PVA
greyish violet

No. LRS3000

1997
Castles - Third Issue
£5 - OFNP / PVA
dark brown

No. LR55000

Enschedé
1997/8
Greeting Card Miniature Sheets

The first miniature sheet of this kind was issued in 1994 and was produced to an approach from the chemist group Boots. This sheet was printed by The House of Questa and had a Boots logo printed directly above the first class stamp.

In September 1995 Royal Mail released a revised version of the sheet. In effort to market the idea to other retailers and also to prevent copyright complications, the Boots logo was removed, The layout was also revised so that the triangular portion of the sheet which shows at the front of the cellophane wrapped package bore no printing other than the stamp.

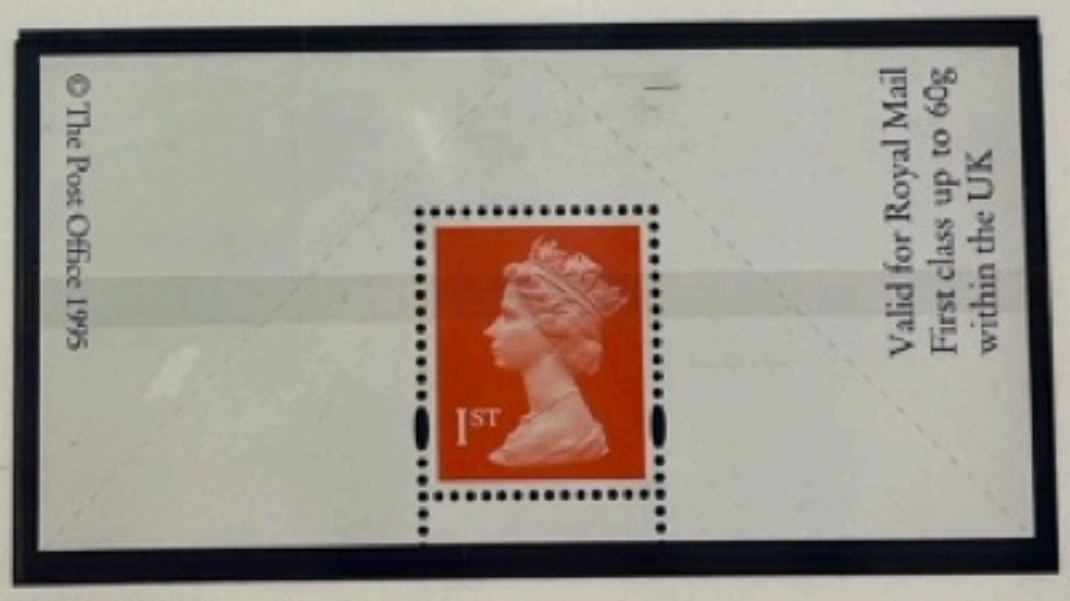
Enschedé took over the printing of these sheets in 1997, producing a much improved version in the same layout in their high resolution litho process. In 1998, Boots decided to discontinue this particular promotion. Apart from stores in the Kingfisher group, who used the sheet for a range of gift vouchers, no further retailers were interested in adopting the scheme, and production stopped in 1999.

Layout 1

Layout 2

OFNP / PVA

Two A2-phosphor bands with blue fluor additive and violet tint



MFE1 - FSE1

dull flour reaction

MFE2 - FSE2

bright flour reaction

Enschedé Self-Adhesive Issue
1997/8
OFNP / SA

Second Horizontal Format Trial

A2-Phosphor Band Centre with Blue Fluor Additive

phosphor band centre

phosphor band short at top

phosphor band short at bottom

SEH1

Coil CSAS1
dull violet flour

SEH1 S1.

Coil CSAS1
dull violet flour
phosphor band short at top

SEH3

CoilCSAS3
yellow flour

SEH3 S2

Coil CSAS3
yellow flour
phosphor band short at bottom

Two A2-Phosphor Bands with Blue Fluor Additive

two phosphor bands

phosphor bands short at top

left phosphor band inset

FEH1

Coil CSAF1
dull violet flour

FEH1 S1.

Coil CSAF1
dull violet flour
phosphor band short at top

FEH1 I1.

CoilCSAF1
dull violet flour
left phosphor band inset

FEH2

Coil CSAF3
white flour

Vertical Format Issue

phosphor band centre

two phosphor bands

SEV1

Coil CSAS5
bright violet flour

SEV2

Coil CSAS6
dull violet flour

FEV1

Coil CSAF4
bright violet flour

FEV2

CSAF5
dull violet flour

Printer

QUESTA

The House of Questa, London

From 1980 until 1988 Questa printed certain small-format stamps and from 1981 all regional issues in offset lithography.

Questa was bought by Waddington in 1984. At first both companies maintained their separate printing facilities, but in 1986 the Waddington work was transferred to Questa.

In July 1988 the contract for all sheet printed small-format national definitives reverted to Harrison.

In September 1993 Questa printed sheet versions of NVI Ist and 2nd class stamps in lithography. Questa also printed the postage dues labels.

The first booklet of lithographed stamps was produced by Questa, the financial Times prestige booklet, issued on 9 February 1988. The se-tenant pane gave four entirely new Questa values. Since then mostly all prestige booklets have had their definitive and regional panes printed by Questa.

Questa Printing in Lithography

Perforation 13½ x 14

PCP/DEX

Q20

Cylinder 1 - 8

"one colour print"

green

Perforation 15 x 14

ACP/DEX

Q22

Cylinder 11 - 20

"one colour print"

green

PCP/DEX

Q21

Cylinder 7 - 12

"one colour print"

green

ACP/DEX(HLS)

Q23

Cylinder 1and 2

"two colour print"

deep yellow - green

Perforation 13½ x 14

ACP/DEX

Q40

cylinder 1 - 8

Perforation 13½ x 14

PCP/DEX

Q50

Cylinder 1 - 14

PCP(FBO)/PVA

Q51

Cylinder 5 and 6

flourescent brightener omitted

PCP/DEX

Q52

Cylinder 1 - 4

Perforation 15 x 14

PCP/DEX

Q53

Cylinder 5 - 26

ACP/DEX

Q54

Cylinder 13 - 28

ACP(FBO)/DEX

Q54A.

Cylinder

flourescent brightener omitted

Questa Printing in Lithography

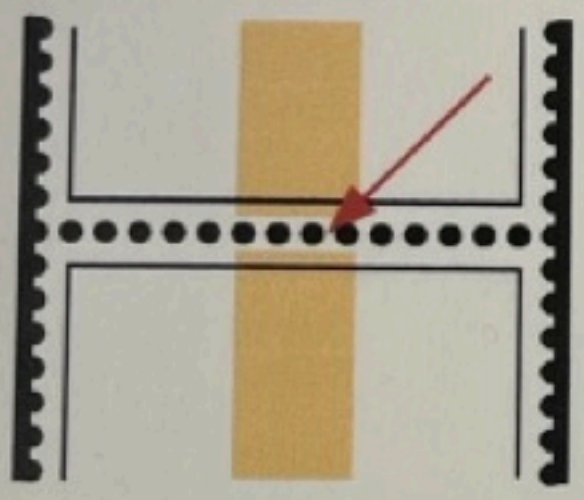
Perforation 15 x 14
FCP/PVA(CPP)

Q130
Booklet Pane DP106
phosphor band centre

Q131
Booklet Pane DP107
phosphor band left

Q132
Booklet Pane DP107
phosphor band right

Perforation 15 x 14
FCP/PVA(CPP)



Booklet Pane DP118

Booklet pane DP118 has a new phosphor band layout. The bands are interrupted short of the horizontal margin, thus leaving a clear gap at the line of perforation. Misalignment up or down results in stamps with centre band short at top or bottom.

Q140
phosphor band centre short at top and bottom

Q140.BD.
phosphor band centre short at top

Q140.BU.
phosphor band centre short at bottom

Perforation 15 x 14
FCP/PVA(CPP)

Q170
Booklet Pane DP167 and DP170
phosphor band centre

Q170.NP.
Booklet Pane DP167 and DP170
missing phosphor band

Questa Printing in Lithography

Perforation 15 x 14

FCP/PVA(CPP)

Q220
Booklet Pane DP107
two phosphor bands

ACP/PVA(CPP)

Q221
Booklet Pane DP168 and DP169

ACP/PVA(CPP)

Q240
Booklet Pane DP184 and DP 187

FCP/PVA(CPP)

Q241
Booklet Pane DP186
two phosphor bands

FCP/PVA(CPP)

Q241.S10.
Booklet Pane DP186
two phosphor bands
left band short at top

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right phosphor band short at top

ACP/PVA(CPP)

Q330
Booklet Pane DP169

FCP/PVA

Q331
Booklet Pane DP181
two phosphor bands

right phosphor band short at bottom

OFNP/PVA

Q332
Booklet Pane DP199

Q332.S12.
Booklet Pane DP199
two phosphor bands
right band short at top

Q332.S13.
Booklet Pane DP199
two phosphor bands
right band short at bottom

FCP/PVA(CPP)

Q340
Booklet Pane DP107
two phosphor bands

Questa Printing in Lithography

Perforation 15 x 14

ACP/DEX

Q180
Booklet Pane DP108

FCP/PVA(CPP)

left phosphor band short at top

Q181
Booklet Pane DP107
two phosphor bands
grey - green

Q181.EC.
Booklet Pane DP107
two phosphor bands
***error of colour:* blackish olive**

left phosphor band short at bottom

Q182
Booklet Pane DP185
phosphor band centre

Q183
Booklet Pane DP186
phosphor band right

Q183.AB.
Booklet Pane DP186
phosphor band right
short additional band at top left

OFNP/PVA

Q184
Booklet Pane DP199
phosphor band left

Q184.S4.
Booklet Pane DP199
phosphor band left
short at top

Q184.S5.
Booklet Pane DP186
phosphor band left
short at bottom

ACP/DEX(HLS)

Q190
Booklet Pane DP119

ACP/DEX

Q200
Cylinder 1 - 18

Questa Printing in Lithography

Perforation 15 x 14 unless otherwise stated

FCP/PVA(CPP)

Q390
Booklet Pane DP186
two phosphor bands
bright mauve

FCP/PVA(CPP)

Q390.EC
Booklet Pane DP186
two phosphor bands
deep mauve

OFNP/PVA

Q391
Booklet Pane DP199
two phosphor bands

Q391.S12
Booklet Pane DP199
two phosphor bands
right band short at top

Q391.S13
Booklet Pane DP199
two phosphor bands
right band short at bottom

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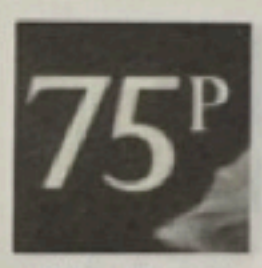
perforation 13½ x 14

FCP/DEX



Value Type 1

Q750
Cylinder 1 - 12
no phosphor bands

Value Type 2

FCP/PVA(IPC)

Q751
Cylinder 1 and 2
no phosphor bands
"low OBA"

FCP/DEX

Q752
Cylinder 1 - 4
no phosphor bands

FCP/PVA(CPP)

Q753
Cylinder 5 - 8
no phosphor bands

FCP/PVA(CPP)

Q754
Cylinder 1 and 2
Value Type 2
"two colour print"

Questa Printing in Lithography

Perforation 14

ACP/DEX

WL205EL
Booklet Pane DP190

WL205ER
Booklet Pane DP190

FCP/PVA
Phosphor Band Right

WL140SEL
Booklet Pane DP125

WL140SEL.2B.
Booklet Pane DP125
additional 1 mm narrow band left

WL140SEL.S7.
Booklet Pane DP125
phosphor band short at top

FCP/PVA
Two Phosphor Bands

WL190SER
Booklet Pane DP125

WL190SER.J2.
Booklet Pane DP125
right phosphor band inset

DP125

WL190SER.S17.
Booklet Pane DP125
both bands short at bottom

WL11905ER.S16.J2.
Booklet Pane DP125
both bands short at top and right band inset

WL190SEL.S10.
Booklet Pane DP125
left band short at top

WL190SEL.S22.
Booklet Pane DP125
left band short at top both bands short at bottom

Questa Printing in Lithography

Perforation 14

ACP/DEX

WL240SEL WL240SER

Booklet Pane DP190

red - brown

DP190

WL240A.SEL WL240A.SER

Booklet Pane DP190

deep red - brown

FCP/PVA
Two Phosphor Bands

WL290SET

Booklet Pane DP134

WL290SEB

Booklet Pane DP134

DP134

WL290SRT

Booklet Pane DP134

WL290SRB

Booklet Pane DP134

ACP/DEX

WL291SET

Booklet Pane DP134A

WL291SEB

Booklet Pane DP134A

WL291SRT

Booklet Pane DP134A

WL291SRB

Booklet Pane DP134A

Questa Printing in Lithography

Perforation 14

DP164

ACPB/DEX

WL3105ET
Booklet Pane DP164

WL3105EB
Booklet Pane DP164

ACPD/DEX
low optical brightening agent

WL3115ET
Booklet Pane DP164A

WL3115EB
Booklet Pane DP164A

ACP/PVA

WL3305ET
Booklet Pane DP175

WL3305EB
Booklet Pane DP175

ACP/DEX

WL3315ET
Booklet Pane DP175A

WL3315EB
Booklet Pane DP175A

DP175

DP176

ACP/PVA
bright mauve

WL3905ET
Booklet Pane DP176

WL3905EB
Booklet Pane DP176

ACPD/DEX
pale mauve

WL3915ET
Booklet Pane DP183

WL3915EB
Booklet Pane DP183

Questa Printing in Lithography

OFNP / PVA

Phosphor Bands with Yellow Flour
ER Ellipse

Q60
Booklet Pane DP216
two phosphor bands

DP 216. The 6p stamp is displaced by 12.5 mm to the left of its original position. Instead of two phosphor bands there a narrow 3 mm band right and the stamp is mostly imperforate, but has to vertical perforation lines through the design area.

Q100
Booklet Pane DP225
two phosphor bands

two phosphor bands
both bands short at bottom

Q100.S17
Booklet Pane DP225
two phosphor bands
both bands short at bottom

Questa Printing in Lithography

OFNP / PVA

Phosphor Bands with Yellow Flour
ER Ellipse

Q191
Booklet Pane DP216
phosphor band left 4 mm

Q191
Booklet Pane DP225
phosphor band left 4 mm

Q191.AB.
Booklet Pane DP225
phosphor band left 4 mm
short 1 mm additional band
at bottom right

Q192
Booklet Pane DP227
phosphor band left 4.75 mm

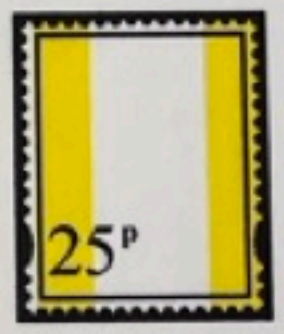
Q193
Booklet pane DP225
phosphor band right 4 mm

Q193.AB.
Booklet Pane DP225
phosphor band right 4 mm
additional short 1 mm band
at bottom left

Q193
Booklet pane DP227
phosphor band right 4.75 mm

phosphor band left 4 mm
additional short 1 mm band
at bottom right

two phosphor bands
right band short at top



two phosphor bands
left band inset

phosphor band right 4 mm
additional short 1 mm band
at bottom left

Q250
Booklet Pane DP216
two phosphor bands

Q250.S12.
Booklet Pane DP216
two phosphor bands
right band short at top

Q250
Booklet Pane DP225
two phosphor bands

Q250.11.
Booklet Pane DP225
two phosphor bands
left band inset

Q300
Booklet Pane DP225
two phosphor bands

Q350
Booklet Pane DP225
two phosphor bands
deep yellow

Q351
Booklet Pane DP225
two phosphor bands
maize yellow

Q410
Booklet Pane DP225
two phosphor bands

Stamps with Security Features

by

The House of Questa

Paper and Gum.

For the initial series Questa used OFNP *(OBA Free Non-phosphorised)* paper with PVA gum. Due to different needs of the printing process, variations do exist in the type of OFNP paper used for lithography or gravure, but these are not sufficiently significant to warrant a further description.

Added OBA paper.

For a short print run on gravure printing, for booklet panes DP287 from cylinder Q2 and DP288 from cylinder Q1, Questa used a paper that contains an appreciable amount of optical brightener (OBA). When viewed under ultra violet light this paper shows a very noticeable degree of residual fluorescence. The addition of OBA has also effected the colours of the stamps under U.V. All values show much brighter features on the Queens head.

Phosphor and Fluor.

The first lithography printing had A-phosphor with bright yellow fluortostart with and later with blue flour. Also Novaglo (A2) phosphor was used for some values.

With the introduction of computer edged gravure printed stamps in 1998 the phosphor changed to a very bright blue fluor.

Elliptical Perforation.

Questa used two distinctly different shaped ellipses on lithographed security printings towards the end of their production cycle. The two types are distinctive and therefore separately listed by collectors. The types are recorded as **ER** and **ES** types.

ER Ellipse

ES Ellipse

ER - Rounded sides

ES - Straighter sides

Initial issues used the ER type, but this was gradually replaced by the ES type. The ER type saw occasional re-use, notably on prestige booklet panes.

Questa Printing in Lithography

£10 Britannia

The highest value postage stamp, to date in the history of British Posts, was released by Royal Mail on 2 March 1993. The official reason for its issue was the postal requirement due to ever increasing postal rates and that space on parcels was now at a premium. Strangely though, this stamp is exactly twice the size of two £5 stamps!

The stamp itself includes many of the various security features, introduced on the 1992 Castles issue, with some further addition for good measure.

The stamp, designed by Roundel Design Group, uses an illustration by Barry Craddock, as the centrepiece of the design, a seated Britannia. The Stamp measures 60 x 41 mm was printed by offset lithography in single pane sheets of 25 (5 x 5). Stamps are printed in ten colours. The 10 plate number which are placed above the first and second stamp in the top left corner, are all printed in purple for security reasons. The paper is an OFNP/PVA type, manufactured by Coated Papers Ltd., with the addition of fibres in the paper which glow red, blue and green under short wave U.V. There are two elliptical perforations on each of the long sides.

For the first time in history, these stamps bear an embossed Braille "10".

BL10000

Right: BL100001
Perforation shift upwards, 6 mm

Flourescent "TEN POUNDS"

The outline of the Union Jack on Britannia's shield on all stamps is additionally printed in a fluorescent ink, which appears bright green-yellow when exposed to ultra violet light. The wording "TEN POUNDS" which is printed in green in normal light underneath the value in figures in the lower right corner of the stamp also appears fluorescent green-yellow on stamps from plate 2A. There is no explanation for this variation by either the printer or the Post Office.

BL10002 **Fluorescent "TEN POUNDS"**

Questa Printing in Lithography

OFNP / PVA

Phosphor Bands with Blue Flour

DP243*

DP233

Booklet Pane DP233 has two phosphor bands

DP244*

DP243A*

**Stamps of booklet panes DP243, DP244 and DP243A have two phosphor bands, except 20p value which has one centre band.*

Questa Printing in Lithography

OFNP / PVA

Phosphor Bands with Blue Flour

ER Ellipse

Q10
Booklet Pane DP243
two phosphor bands

Q10.S17.
Booklet Pane DP243
two phosphor bands both short at bottom

Q201
Booklet Panes DP243 and DP244
phosphor band centre

Q252
Booklet Pane DP233 and DP240
two phosphor bands

Q201.S2.
Booklet Pane DP243 and DP244
phosphor band centre short at bottom

Q260
Booklet Panes DP243 and DP244
two phosphor bands

Q260.S17.
Booklet Pane DP243 and DP244
two phosphor bands short at bottom

ES Ellipse

Q10A
Booklet Pane DP243
two phosphor bands

Q201A
Booklet Pane DP243 and DP244
Phosphor band centre

Q251
Booklet Pane DP233 and DP234
two phosphor bands

Q260A
Booklet Pane DP243 and DP244
two phosphor bands

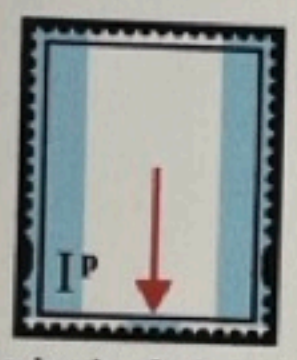
Questa Printing in Lithography

OFNP / PVA

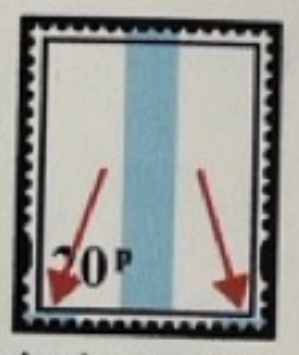
"Novaglo" Phosphor Bands with Blue Flour
ER Ellipse

Q12
Booklet Pane DP243A
two phosphor bands

Q12.S17.
Booklet Pane DP243A
two phosphor bands short at bottom
additional short 1 mm band
at bottom centre



two phosphor bands short at bottom
additional short 1 mm band
at bottom centre



phosphor band centre short at bottom
two additional short 1 mm bands
at bottom left and right

Q203
Booklet Pane DP243A
phosphor band center

Q203.S1.
Booklet Pane DP243A
phosphor band centre
short at top

Q203.S2.
Booklet Pane DP243A and DP244A
phosphor band centre short at bottom
two additional short 1 mm bands
at bottom left and right

Q262
Booklet Pane DP243A
and DP244A

Q262.S16.
Booklet Pane DP243A
and DP244A
two phosphor bands
both short at top

Q262.S17.
Booklet Pane DP243A
and DP244A
two phosphor bands
both short at bottom

Q263
Booklet Pane DP243A
pale red-brown

Questa Printing in Lithography

OFNP / PVA

"Novaglo" Phosphor Bands with Blue Flour

ES Ellipse

Q11
Booklet Pane DP243A
two phosphor bands
deep crimson

Q11
Booklet Pane DP243A
two phosphor bands
pale crimson

Q11.S17.
Booklet Pane DP243A
two phosphor bands
both short at bottom

Q202
Booklet Pane DP243A and DP244A
phosphor band centre
deep bright green

Q202
Booklet Pane DP243A
phosphor band centre
pale bright green

Q202.NP.
Booklet Pane DP243A and DP244A
missing phosphor band

Q202.S1.
Booklet Pane DP243A
phosphor band centre
short at top

Q202.S2.
Booklet Pane DP243A
phosphor band centre
short at bottom

Q261
Booklet Pane DP243A and DP244
two phosphor bands

Q261
Booklet Pane DP243A and DP244
missing phosphor bands

Q261.S16.
Booklet Pane DP243A
two phosphor bands
both short at top

Q261.S17.
Booklet Pane DP243A
two phosphor bands
both short at bottom

Q261.I1.
Booklet Pane DP243A
two phosphor bands
left band inset

Q261.I2.
Booklet Pane DP243A
two phosphor bands
right band inset

Questa Printing in Computer Aided Gravure

OFNP / PVA

Two Phosphor Bands with bright Blue Flour

crimson

QG10
Booklet Pane DP277

QG10.PE.
Booklet Pane DP277
very weak phosphor

deep crimson, pale crimson head

QG11
Booklet Pane DP287

Q11.S16.
Booklet Pane DP287
both bands short at top

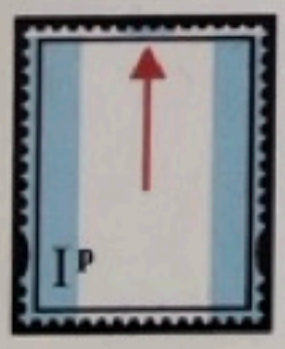
crimson

QG12
Booklet Pane DP296
10 mm hosphor bands

QG12.2B10.S16.
Booklet Pane DP296
10 mm hosphor bands
both bands short at top

QG12.2B10.S16.I2.
Booklet Pane DP296
10 mm hosphor bands
both bands short at top
and left band inset

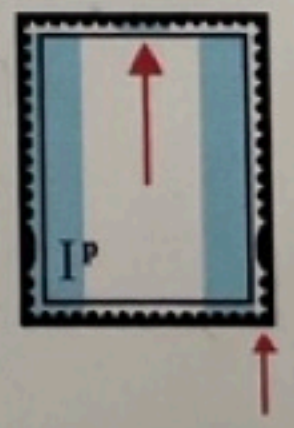
QG12.2B10.I2.
Booklet Pane DP296
10 mm hosphor bands
right band inset



Booklet Pane DP296
10 mm hosphor bands
short at top; additional 1mm
short centre band at top

QG12.AB.S16.
Booklet Pane DP296
10 mm hosphor bands
short at top; additional 1mm
short centre band at top

QG12.AB.S16.I2.
Booklet Pane DP296
10 mm hosphor bands short at
bottom; additional 1 mm short
centre band at top; right band inset



deep crimson, pale crimson head

QG13
Booklet Pane DP287A
added OBA paper

Questa Printing in Computer Aided Gravure

OFNP / PVA

Two Phosphor Bands with bright Blue Flour

myrtle green

QG20
Booklet Pane DP287

QG20.S16
Booklet Pane DP287
both phosphor bands short at top

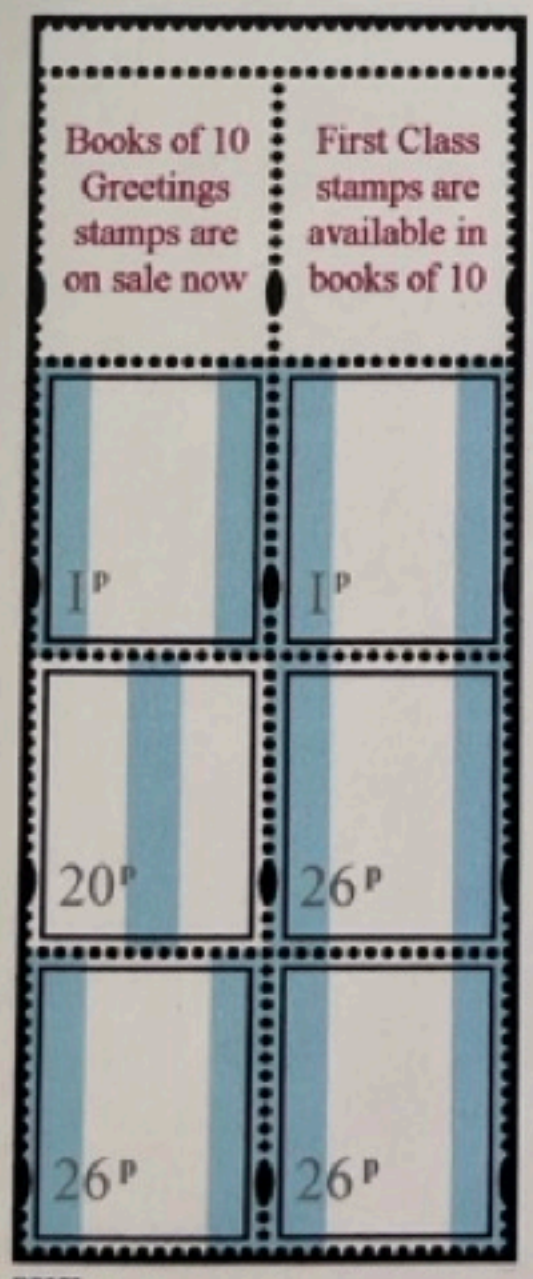
QG21
Booklet Pane DP287A
added OBA paper

pale myrtle green

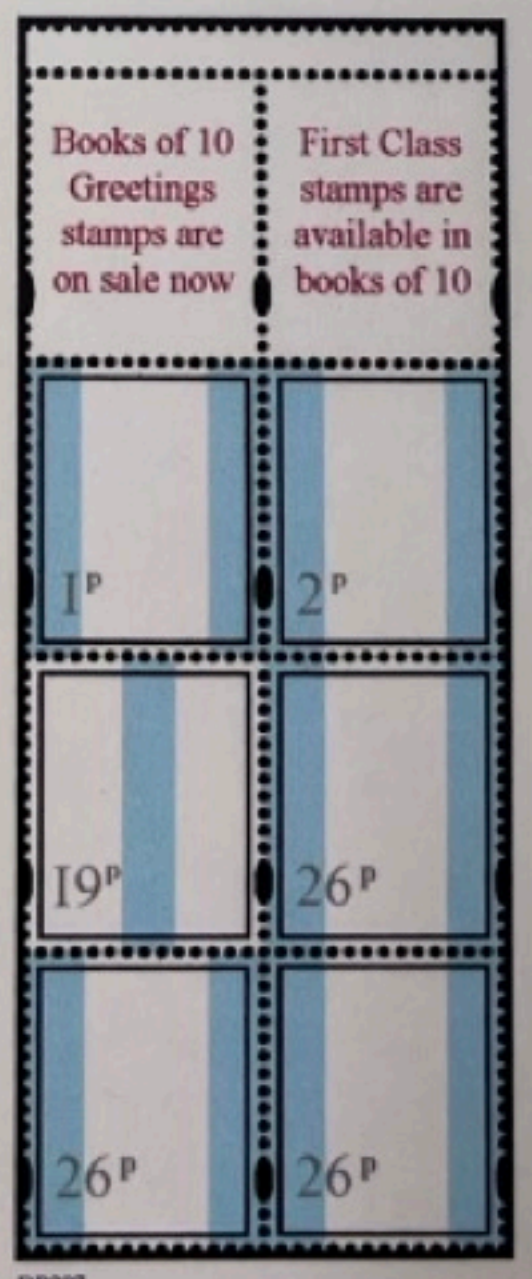
QG22
Booklet Pane DP287

QG22.S16
Booklet Pane DP287
both phosphor bands short at top

Layout of Phosphor Bands on Booklet Panes DP277 and DP287



DP277



DP287

Questa Printing in Computer Aided Gravure

OFNP / PVA

Phosphor Band Centre (5 mm) with bright Blue Flour

olive - green

QG190
Booklet Pane DP287

QG190.2Bb.
Booklet Pane DP287
additional narrow phosphor band at right

QG190.2Bb.S1.
Booklet Pane DP287
phosphor band short at top plus additional narrow phosphor band at right

QG190AB.S1.
Booklet Pane DP287
phosphor band short at top, two additional small bands at top

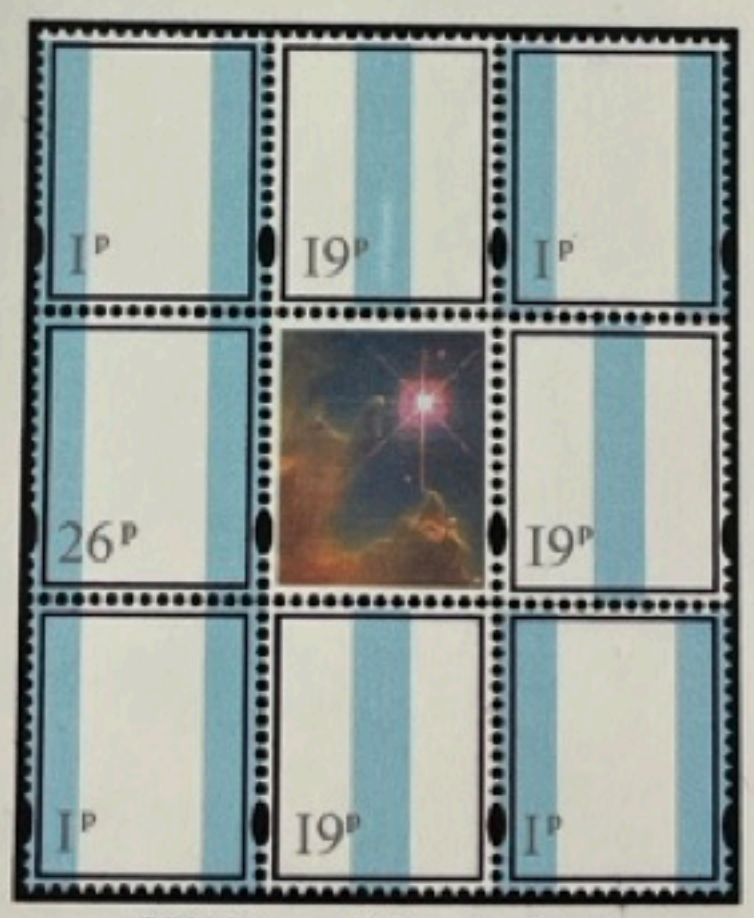
QG191.S1.*
Booklet Pane DP296

QG190.2B.S1.
Booklet Pane DP296
additional narrow phosphor band at right

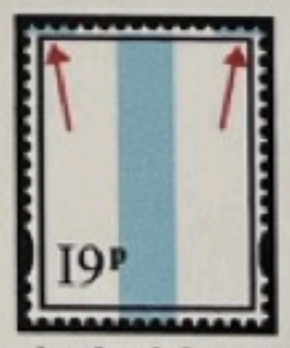
QG190.AB.S1.
Booklet Pane DP287
two additional small phosphor bands at top

* 19p value of booklet pane DP296 is only known with phosphor band short at top

phosphor band short at top plus additional narrow phosphor band at right



DP296 Layout of Phosphor Bands



phosphor band short at top, two additional small bands at top

olive - green

QG192
Booklet Pane DP287A
added OBA paper

QG192.AB.S1.
Booklet Pane DP287A
added OBA paper phosphor band short at top, two additional small bands at top

pale olive - green

QG193
Booklet Pane DP287

QG193.S1.
Booklet Pane DP287
phosphor band short at top

Questa Printing in Computer Aided Gravure

OFNP / PVA

Phosphor Band Centre with bright Blue Flour

QG200
Booklet Panes DP277 and DP278

QG200.S1.
Booklet Pane DP278
phosphor band short at top

QG200PE.2B.
Booklet Pane DP277
very weak phosphor
additional 1 mm
phosphor bands at right

DP278

DP277

DP288

Two Phosphor Bands with bright Blue Flour

deep red - brown, pale brown Queen's head

QG260
Booklet Panes DP277

QG260.I2.
Booklet Pane DP277
right phosphor bands inset

QG260PE.
Booklet Pane DP277
very weak phosphor

Questa Printing in Computer Aided Gravure

OFNP / PVA

Two Phosphor Bands with bright Blue Flour

deep red - brown, deep brown Queen's head

QG261
Booklet Pane DP278

QG261.S16.
Booklet Pane DP278
phosphor bands short at top

QG261AB.S16.
Booklet Pane DP278
phosphor band short at top, additional small centre band at top

deep red - brown, pale brown Queen's head

QG262
Booklet Pane DP287

QG262.I1.
Booklet Pane DP287
left phosphor band inset

QG262.I2.
Booklet Pane DP287
right phosphor band inset

QG262AB.S16
Booklet Pane DP287
phosphor bands short at top, additional small centre band at top

QG264
Booklet Pane DP287A
added OBA paper

red - brown

QG263
Booklet Pane DP296
10 mm phosphor bands

QG263.I2.
Booklet Pane DP296
10 mm phosphor bands
right band inset

DP287

very pale red - brown
pale brown Queen's head

QG265
Booklet Pane DP287

QG265.I2.
Booklet Pane DP287
right phosphor band inset

Printer

Walsall

Security Priners Ltd.

Walsall Security Printers Ltd. began producing small format stamps in lithographic print, in 1989. Wallsal were mainly printers of stamp booklets.

Walsall Printing in Lithography and Computer Aided Gravure

Initial printing in lithography on OFNP paper had a cream colour gum. However, in mid 1994, the manufacturers of the paper, Coated Papers Ltd., who supplied paper pregummed to Walsall and Questa, changed the gum. The new gum is actually colourless, but, to avoid confusion it is called "white" gum by collectors; in fact, white is simply the colour of the stamp paper. Examples of some values exist printed on paper with both cream or white gums.

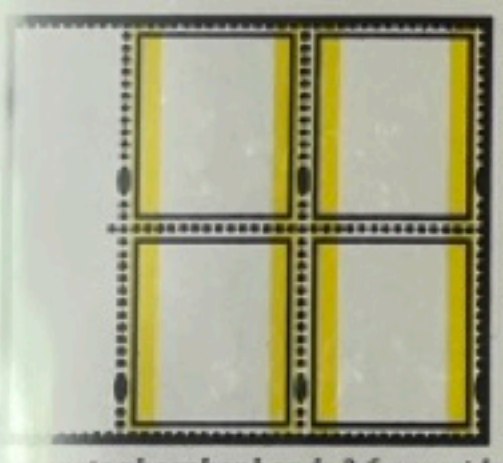
The two types only effect stamps during the period of phosphor bands with yellow flour. All printings with blue flour phosphor bands have white gum.

Printing was by lithography from 1993 to 1997 and from 1997 on by computer aided gravure.

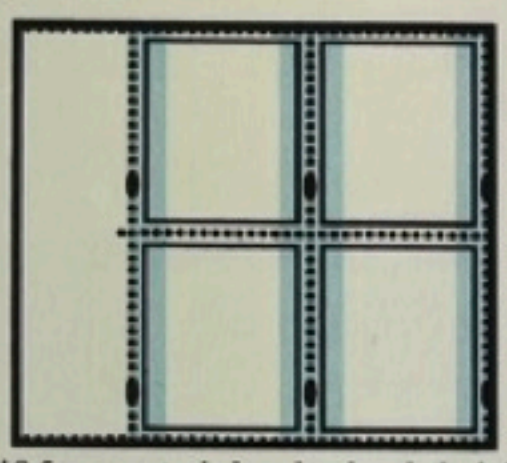
Initial Walsall gravure issues had a rather flat matt finish. However, issues since spring 1998 show a marked change. The paper appears to be appreciable shinier and the appearance of the design glossier. At a similar time, the strength of flour additive was increased and reacts much brighter.

Layout of Phosphor Bands on Walsall Booklet Panes

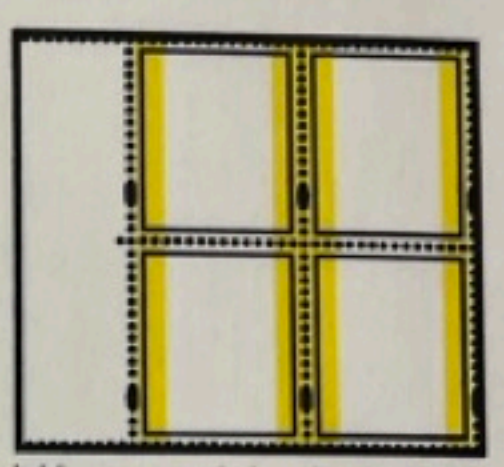
For the printing of phosphor bands several different cylinders have been used resulting in various band layouts of the booklet panes give a number of different stamps. In addition, slight misalignments of the phosphor cylinders again result in a different type of stamp.



Four separate phosphor bands 3.5 mm wide with a 1 mm gap along the vertical perforation line; leaving the bands clear of perforation.

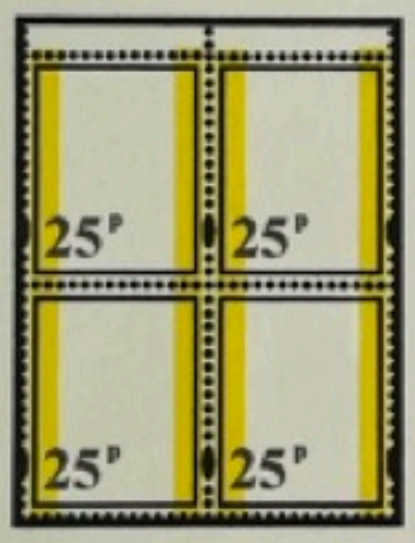


Solid 8.5 mm central phosphor band; the left and right bands are 4.25 mm wide and not inset.

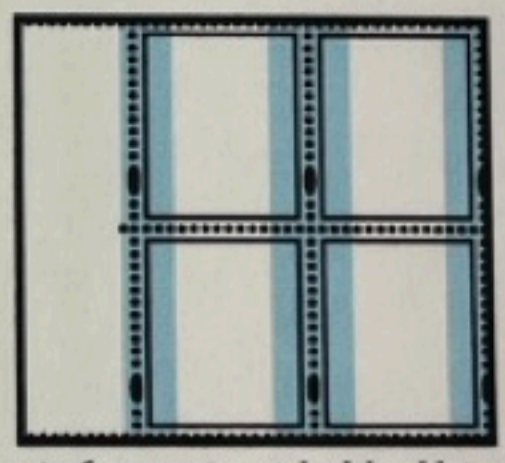


Solid 8 mm central phosphor band; the left and right bands are 3.5 mm wide and inset.

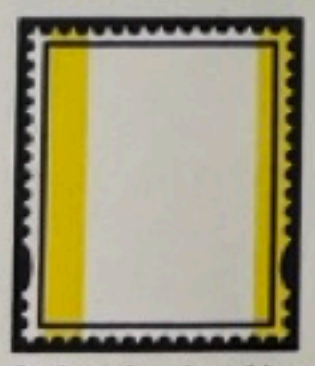
Layout of computer etched booklet panes.
Solid 9.5 mm phosphor band , no inset bands.



Booklet Pane DP205
Four separate phosphor bands 3.5 mm wide with a 1 mm gap along the vertical perforation line. Leaving the bands clear of perforation. The vertical layout exists only for 25p stamps.



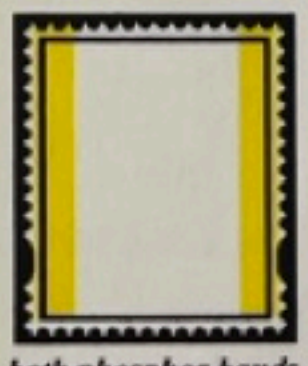
Layout of computer etched booklet panes.
Solid 9.5 mm central phosphor band and 6 mm band lef; right band is 4.25 mm, not inset.



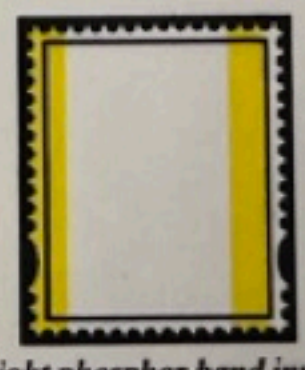
left phosphor band inset

both phosphor bands inset and short at top

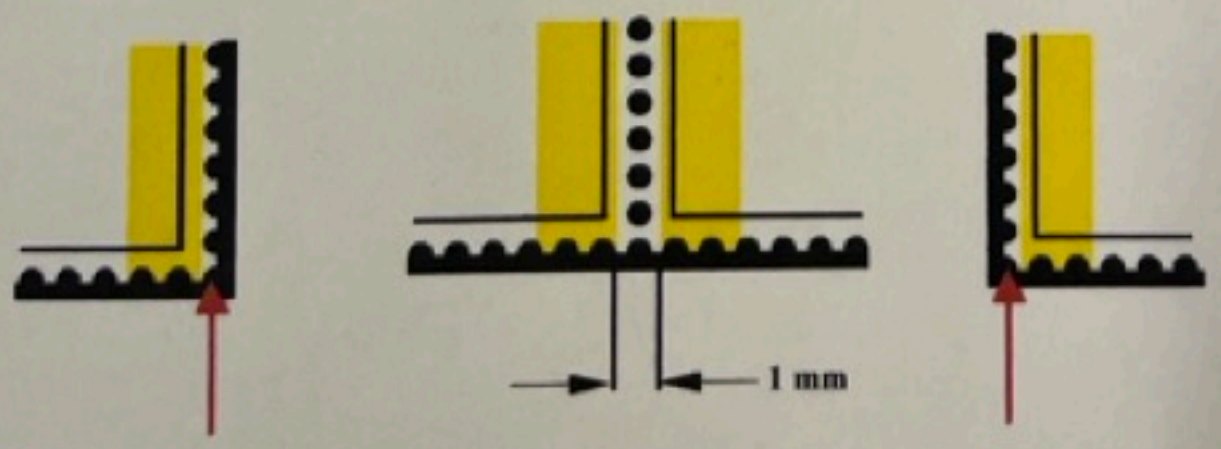
both phosphorbands inset



both phosphor bands inset and short at bottom



right phosphor band inset



Walsall Printing in Lithography

OFNP / PVA

Two phosphor bands with yellow fluor

cream gum

DP209

white gum

WL411
Booklet Pane DP209A

cream gum

WL410.I3.
Booklet Pane DP209
both phosphor bands inset

white gum

WL411A
Booklet Pane DP209A
"weak flour"

WL600.I1.
Booklet Pane DP220
left phosphor band inset

DP220

WL600.I2.
Booklet Pane DP220
right phosphor band inset

white gum

WL601A
Booklet Pane DP220A
light shade

WL601B
Booklet Pane DP220A
dark shade

Walsall Printing in Lithography

OFNP / PVA

Two phosphor bands with yellow fluor

cream gum

DP205

WL250.I3.
both phosphor bands inset

WL250.I3.S16.
both phosphor bands inset
both bands short at top

WL250.I3.S17.
both phosphor bands inset
both bands short at bottom

DP207

WL350.I3.
Booklet Pane DP207
both phosphor bands inset

WL351.I1.
Booklet Pane DP207A
left phosphor band inset

WL351.I2.
Booklet Pane DP207A
right phosphor band inset

WL352
Booklet Pane DP207B
"white gum"

Walsall Printing in Lithography

OFNP / PVA

Two phosphor bands with blue fluor
white gum

WL353
Booklet Pane DP207C

WL3541.1
Booklet Pane DP207C
left phosphor band inset

WL3541.2
Booklet Pane DP207C
right phosphor band inset

DP207C

DP241A

"Novaglo" Phosphor

WL371.1
Booklet Pane DP241A
left phosphor band inset

WL371.2
Booklet Pane DP241A
both phosphor bands inset

WL371
Booklet Pane DP241A

WL370.1
Booklet Pane DP241
left phosphor band inset

DP241

WL370.2
Booklet Pane DP241
right phosphor band inset

Walsall Printing in Lithography

OFNP / PVA

Two phosphor bands with blue fluor

white gum

DP209B

DP220B

DP242

WL412.I1.
Booklet Pane DP209B
left phosphor band inset

WL412.I2.
Booklet Pane DP209B
right phosphor band inset

WL602.I1.
Booklet Pane DP220B
left phosphor band inset

WL602.I2
Booklet Pane DP220B
right phosphor band inset

WL6300.I1.
Booklet Pane DP242
left phosphor band inset

WL630.I2.
Booklet Pane DP242
right phosphor band inset

WL630
Booklet Pane DP242

Walsall Printing in Computer Aided Gravure

OFNP / PVA

Two phosphor bands with bright blue fluor

Perforation 14

right phosphor band short at top

WG100
Booklet Panc DP271

WG100.S16.
Booklet Pane DP271
phosphor bands short at top

right phosphor band short at topand inset

WG190.SBR.
Booklet Pane DP305
phosphor band right

WG190.SBR.S7.
Booklet Pane DP305
right phosphor band short at top

WG190.SBR.S7.12.
Booklet Pane DP305
right phosphor band short at topand inset

WG190.SBR.S7.
Booklet Pane DP305
right phosphor band inset

The design areas of 19p and 35p stamps from booklet pane DP305 is narrower by 1 mm and shorter by 0.5 mm than normal Machin designs. This is due to a miscalculation during the computer layout, were the stamps were scaled to a slightly smaller size.

left phosphor band short at top

WG381.S10.
Booklet Pane DP305
left phosphor band short at top

WG381.S10.12.
Booklet Pane DP305
left phosphor band short at top right band inset

left phosphor band short at top right band inset

phosphor bands short at top

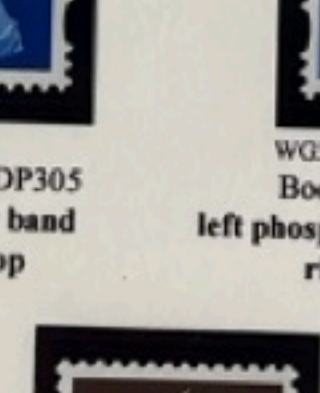
W430
Booklet Pane DP271
Value Type 1a

WG430.S16.
Booklet Pane DP271
Value Type 1a
phosphor bands short at top

WG430.S16.12.
Booklet Pane DP27
Value Type 1a
right phosphor band inset

right phosphor band inset

Value Type 1a



WG431
Booklet Pane DP220B
Value Type 1b

Value Type 1b

Walsall Printing in Computer Aided Gravure

OFNP / PVA

Two phosphor bands with bright blue fluor

Perforation 15 x 14

WG300
Booklet Pane DP267

WG370
Booklet Pane DP253
matt apperarance
low phosphor reaction

WG371
Booklet Pane DP253
glossy appearance
bright phosphor reaction

WG380
Booklet Pane DP285

WG400
Booklet Pane DP309

WG640
Booklet Pane DP286

WG630
Booklet Pane DP254
matt appearance
low phosphor reaction

WL631
Booklet Pane DP254
glossy appearance
bright phosphor reaction

WG650
Booklet Pane DP310

1990

PENNY BLACK ANNIVERSARY ISSUE

150 Years Penny Post

The 150th anniversary of Penny Post with its later introduction of adhesive postage stamps was celebrated in January 1990 with a set of stamps modified from the Machin design. Jeffrey Matthews skilful adaptation incorporates the classic Wyon head of Queen Victoria, the resulting stamps became known as "Double Heads by philatelists. The set replaced the corresponding ordinary definitives, also in the same colour, until the postal rate changed in September 1990. Those stamps were termed special definitives by the post office.

Black and blue for the letter rates of 20p and 15p were chosen in honour of the Penny Black and the Twopenny Blue of 1840.

Extensive use was made of this design during its short life. Stamps were printed by Harrison, Walsall and Questa between January and June 1990.

In 2000 Royal Mail issued a first class value with security features in a prestige booklet, produced for the StampShow 2000 international Stamp exhibition. This booklet was printed by Walsall.

1990 PENNY BLACK ANNIVERSARY ISSUE
MINIATURE SHEET

DHP200
Cylinder 2C 1A

MINIATURE SHEET printed in photogravure and recess. Besides the 20p Double Head stamp there is an imperforate replica of the Penny Black, with the sheet surrounding of the 1913 Seahorse high values.

DHP200A

A misprint of the MINIATURE SHEET. The plate of the black recess print is misaligned by 5 mm, the plate for the cream print being in the right position. The Penny Black is now 5 mm further away from the 20p stamp. The head of the Seahorse has moved into the bottom left hand corner of the 20p stamp (shown above).

PCP / DEX

Harrison Printing in Photogravure

15p

bright blue

Phosphor Band Centre

DHP150

Cylinder 3

DHP150/IMP

Cylinder 3

imperforate

DHP150/BL

Cylinder 3

phosphor band displaced 4mm left

DHP150/MP

Cylinder 3

perforation shift down

DHP150/SET

Booklet Pane DP140

straight edge top

DHP150/SEB

Booklet Pane DP140

straight edge bottom

DHP152/SBL(I1)

Booklet Pane DP137

inset phosphor band left

DHP152A/SBL

Booklet Pane DP137

phosphor band left

DHP152A/NB

Booklet Pane DP137

1.5 mm phosphor band left

DHP153/SBL(N1)

Booklet Pane DP137

phosphor band left notched at top

DHP153/2B

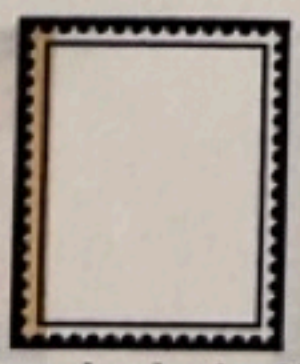
Booklet Pane DP137

two narrow 1.5 mm phosphor bands, left band short at top

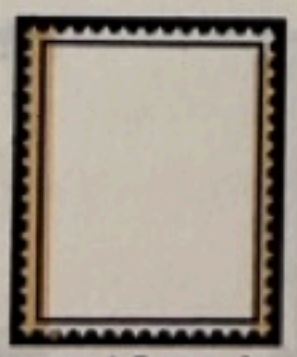
DHP154/SBR

Booklet Pane DP147

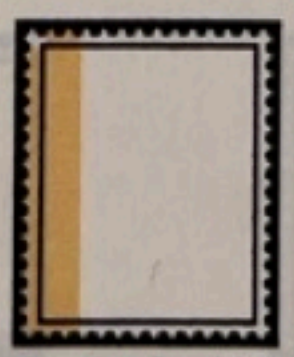
phosphor band right



1.5 mm phosphor band left



two narrow 1.5 mm phosphor bands, left band short at top



phosphor band left notched at top

FCP / DEX

Harrison Printing in Photogravure

Two Phosphor Bands

20p

black and cream

DHP200A

Booklet Pane DP147

11 mm distance between phosphor bands

DHP200B

Booklet Pane DP147

10 mm distance between phosphor bands

DHP201.2B.I1.

Booklet Pane DP137

left phosphor band inset

DHP201.S16.I1.

Booklet Pane DP137

left phosphor band inset 3mm; right band 5 mm; both short at top

DHP201.S10.N2.

Booklet Pane DP137

left phosphor band narrow 1 mm, short at top; right band 8.5 mm notched at top

29p

reddish violet

DHP291

Booklet Pane DP147

Harrison Printing in Photogravure

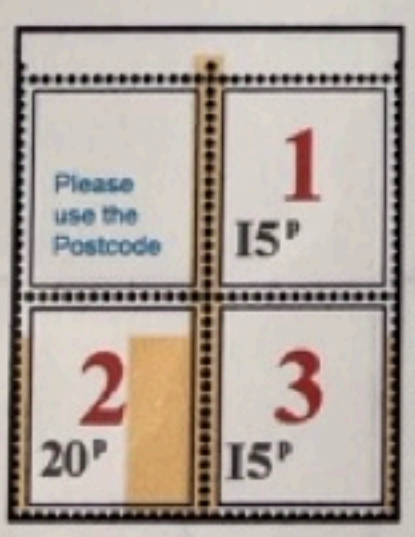
FCP / DEX

Layout of Phosphor Bands for 15p and 20p Stamps on Booklet Pane DP137

Correct Phosphor Bands

15p: *Stamp No. 1: 3 mm Left Band inset*
Stamp No. 3: Left Band notched
20p: *Stamp No. 2: 3 mm Left Band inset;*
Right Band 5 mm; both Bands short at top

Correct Phosphor Bands



Displaced Phosphor Bands

15p: *Stamp No. 1: 1 mm narrow Left Band*
Stamp No. 3: 1 mm narrow Left Band,
Right Band narrow 1.5 mm short at top

20p: *Stamp No. 2: 1 mm narrow Left Band,*
short at top; Right Band 8.5 mm notched at top

Displaced Phosphor Bands

Harrison Printing in Photogravure

FCP / DEX

Booklet Pane DP140

ACP / DEX

Booklet Pane DP141

Booklet Pane DP143

ACP / DEX

Harrison Printing in Photogravure

20p

black and cream

DHP202

Booklet Pane DP146 and DP148

DHP202scr

Cylinder 1A1B

DHP202scr/A

Cylinder 1A1B

cylinder 1B (cream colour)*

displaced 3.5 mm down and 1 mm left

DHP202scr/B

Cylinder 1A1B

cylinder 1B (cream colour)*

displaced 3 mm upwards

DHP203scr

Cylinder 1A1B

low OBA

**** For better understanding: In the pictures above, the section of cream ink is highlighted in a stronger colour***

<u>Booklet Pane DP138</u>

DHP202SEL

straight edge left

DHP202SER

straight edge right

ACP / DEX

Harrison Printing in Photogravure

20p

black and cream

Booklet Pane DP141

DHP202SET

straight edge at top

DHP202SEB

straight edge at bottom

Booklet Pane DP1149

DHP202SET

straight edge at top

DHP202SEB

straight edge at bottom

DHP202SRT

straight edge right and top

DHP203SRB

straight edge right and bottom

29p

reddish violet

DHP290

Cylinder 1

37p

bright rose - red

DHP370

Cylinder 1

34p

slate - blue

DHP340

DHP341

low OBA

Questa Printing in Lithography

FCP / PVA

Booklet Pane DP150

Phosphor Band Centre

DHL152.CBr.

centre band short at top and bottom

DHL152.CB.S1.

centre band short at top

DHL152.CB.S2.

centre band short at bottom

ACP / DEX

Booklet Pane DP151A

DHL202

low OBA

Wallsall Printing in Lithography

FCP / PVA

Phosphor Band Centre

Booklet Pane DP142A - 3 Plate Printing

DHL150A.SET

straight edge at top

DHL150A.SEB

straight edge at bottom

DHL150A.SRT

straight edge right and top

DHL150A.SRB

straight edge right and bottom

DP142A

3 Plate Printing W1W1W1

DP142B

2 Plate Printing W2W2

Booklet Pane DP142B -2 Plate Printing

DHL150B.SET

straight edge at top

DH150B.SEB

straight edge at bottom

DHL150B.SRT

straight edge right and top

DHL150B.SRB

straight edge right and bottom

Wallsall Printing in Lithography

FCP / DEX

Booklet Pane DP152

Phosphor Band Centre

2 Plate Printing

DP152B.

3 Plate Printing

DHL151A.SEB

straight edge at bottom

DHL151A.SRT

straight edge right and top

DHL151A.SRB

straight edge right and bottom

DHL151A.SET

straight edge at top

PCP / PVA

Booklet Pane DP139

3 Plate Printing

DHL200.SEL

straight edge left

DP139

DHL200.SER

straight edge right

PCP / PVA

Booklet Pane DP143

3 Plate Printing

DP143

DHL200.SET
straight edge at top

DHL200.SEB
straight edge at bottom

DHL200.SRT
straight edge right and top

DHL200.SRB
straight edge right and bottom

ACP / DEX

Booklet Pane DP153

DHL201.SET
straight edge at top

DHL201.SEB
straight edge at bottom

DHL201.SRT
straight edge right and top

DHL201.SRB
straight edge right and bottom

DP153

Millennium Issue

To mark the Millennium, Royal Mail replaced standard first class values (26p at the time and orange red) with a redesigned NVI Ist value, for the whole of the year 2000. The stamp is in the standard dimensions but bears a larger than normal Machin head which bleeds off the stamp at the bottom and runs right to the perforation at the top. It is in an olive-brown colour, set against a white background, which makes for a striking and effective image. The adoption was carried out by Richard Scholy of The Chase design group.

During the year the stamps were printed by three different printing companies. Although, initially the stamps of all three printers appeared similar, it is possible to distinguish them. Below is a short illustration and description of various differences in the design of the three printers.

Printer	**De La Rue**	**Walsall**	**Questa**
	Positioned low: No fabric showing beneath Queen's shoulder.	Positioned low: No fabric showing beneath Queen's shoulder.	Positioned high: Fabric clealy visible beneath Queen's shoulder.
	Top point of diadem clearly visible.	Top point of diadem clearly visible.	Top point of diadem runs off top of stamp.*
Queens ***Portrait***			
	Dark mark between top and right arms in Maltese Cross on diadem.	No dark mark between top and right arms in Maltese Cross on diadem.	Dark mark between top and right arms in Maltese Cross on diadem.
	No pearls visible on back of diadem.	Pearls clearly visible on back of diadem.	No pearls visible on back of diadem.
Value Tablet	1.6 mm from bottom	1.8 mm from bottom	1.6 mm from bottom
Paper	creamy	white	white
Gum	PVA lay flat - bluish tint	1.6 mm from bottom	1.6 mm from bottom
Phos. Bands	9 mm	9 mm	9.5 mm (on DP 316 9 mm)
Blue Flour	turquoise tint	violet tint	very bright violet tint
Perforation	15 x 14	15 x 14 (counter books9 14 (prestige books)	14 (counter books) 15 x 14 (prestige books)

* Stamps from DP 316 are positioned lower, akin to De La Rue stamps

Millennium

De La Rue Printing

Printed on OFNP Paper with 2 Bands A-Phosphor with Blue Fluor and OFPP Paper*
Gum: PVA Layflat.

Miniature Sheet M.D.MS.1.

This sheet was issued to mark the ***Stamp Show 2000***, the international stamp exhibition at Earl's Court, London, in May 2000. The sheet is printed on **OFPP Paper.**

M.D.1.
OFNP Paper
cylinder 1 and 2

M.D.2.
OFPP Paper
Miniature Sheet M.D.SM.1.

M.D.1.
OFNP Paper
cylinder 1

*** These Stamps were printed on phosphorised paper (OFPP) which was left over from the printing of the "Jeffrey Matthews Miniature Sheet".**

Millennium

Walsall Printing

Printed on OFNP Paper with 2 Bands A-Phosphor with Blue Fluor
GUM: PVA
Perforation 14

Booklet Pane DP303 with **dull fluor**

M.W.2.
dull fluor
Booklet Pane DP303

M.W.5.
bright fluor
Booklet Pane DP323

Booklet Pane DP323 with **bright fluor**

Millennium

Walsall Printing

Printed on OFNP Paper with 2 Bands A-Phosphor with Blue Fluor

GUM: PVA

Perforation 15 x 14

Booklet Pane DP301 with **ES Perforation**

olive-brown

M.W.1.

ES Perforation

Booklet Pane DP301

deep olive-brown

M.W.3.

ER Perforation

Booklet Pane DP307 and 308

deep olive-brown

M.W.4.

ES Perforation

Booklet Pane DP301

Booklet Pane DP307 with **ER Perforation**

Booklet Pane DP308 with **ER Perforation**

Millennium

Questa Printing

Printed on OFNP Paper with 2 Bands A-Phosphor with Blue Fluor

GUM: PVA

Perforation 14 and 15 x 14

olive-brown

M.Q.1.

ES Perforation 14

Booklet Pane DP302

yellow-olive

M.Q.2.

ES Perforation 14

Booklet Pane DP302

yellow-olive

M.Q.2.

ES Perforation 14

Booklet Pane DP302

missing phosphor bands

Booklet Pane DP316

olive-brown

M.Q.3.

ES Perforation 15 x 14

Booklet Pane DP316

OCP / GA

Original Coated Paper – Gum Arabic

Printers: Harrison & Sons

OCP / GA

Two Phosphor Bands – Phosphor Screen 150

The 5p Multiple Value Coil Strip

Se-tenant Coil CS1.

½p
turquoise

No: H.O/G.005.2B.150

01.
Se-tenant Coil CS1.

01.1.
Se-tenant Coil CS1.1.
missing phosphor

01.2.
Se-tenant Coil CS1.2.
wide phosphor band left, 9.5 mm

02.
Se-tenant Coil CS2.
silicone coated

Se-tenant Coil CS1.2.

wide phosphor band left, 9.5 mm

1p
crimson

No: H.O/G.010.2B.150

01.
Se-tenant Coil CS1.

01.1.
Se-tenant Coil CS1.1.
missing phosphor

01.2.
Se-tenant Coil CS1.2.
wide phosphor band left, 9.5 mm

02.
Se-tenant Coil CS2.
silicone coated

OCP / GA

Two Phosphor Bands – Phosphor Screen 150

Se-tenant Coil CS1.3.
wide phosphor band right, 7.5 mm and a small band at left, 2mm

2p
dark green

No: H.O/G.020.2B.150

01.
Se-tenant Coil CS1.

01.1.
Se-tenant Coil CS1.1.
missing phosphor

01.2.
Se-tenant Coil CS1.2.
wide phosphor band left, 9.5 mm

02.
Se-tenant Coil CS2.
silicone coated

Se-tenant Coil CS2.

silicone coated

Two Phosphor Bands – Phosphor Screen 250

3p
deep ultramarin

No: H.O/G.030.2B.250

01.
Horizontal Coil C7

FCP /GA

Fluorescent Coated Paper

Printers: Harrison & Sons

FCP / GA

Fist Issued: September 1972

Printing: Photogravure

Paper: Fluorescent Coated Paper

Gum: Gum Arabic

Phosphor Bands

Two Phosphor Bands, 9.5 mm

Centre Phosphor Band, 4 mm

These are the only two phosphor band types used in this issue

Value Types

Value Type 1

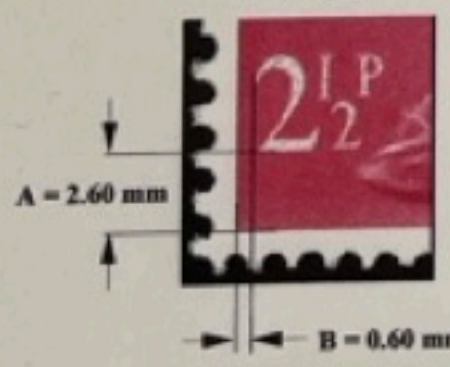
Value Type 2

ValueTtype 1 has thin elements

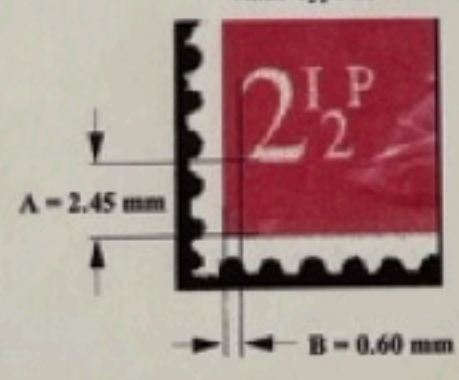
ValueTtype 2 has thicker elements

Value Settings

Value Type 1a



Value Type 1b



Silicone Coated Paper

In 1972, silicone coating was applied to the 5p se-tenant coil strip FCP/GA. It was meant to prevent stamps from sticking together in vending machines due to dampness. This coating seems to give the stamps a duller appearance.

FCP / GA

5p Se-tenant Coil Strip

CS3.

silicone coated

½p
turquoise

Two Phosphor Bands, 9.5 mm – Phosphor Screen 150

No: F/G.005.2B.150.

01.
Cylinder 2

deformed base to „2"

01.1
Cylinder 2
deformed base to „2"

01.2.
Cylinder 2
imperforate*

02.1.
Se-tenant Coil CS3
silicone coated

02.2.
Se-tenant Coil CS3
silicone coated
thin paper

02.3.
Se-tenant Coil CS3A
silicone coating omitted

*** The top stamp is completely imperforate, whereas the middle stamp shows slight indents by the perforator at the bottom and the bottom stamp is partly perforated.**

FCP / GA

1p

bright crimson

Two Phosphor Bands, 9.5 mm – Phosphor Screen 150

No: F/G.010.2B.150.

01.1.
Se-tenant Coil CS3
silicon coated

01.2.
Se-tenant Coil CS3
silicon coated
thin paper

01.3.
Se-tenant Coil CS3
silicon coating omitted

Two Phosphor Bands, 9.5 mm – Phosphor Screen 250

No: F/G.010.2B.150.

01.1.
Vertical Coil C1

Screened base to „P“

01.2.
Vertical Coil C1
screened base to “P”

2p

dark green

Two Phosphor Bands, 9.5 mm – Phosphor Screen 150

No: F/G.020.2B.150.

01.1.
Se-tenant Coil CS3
silicon coated

01.2.
Se-tenant Coil CS3
silicon coated
thin paper

01.3.
Se-tenant Coil CS3
silicon coating omitted

FCP / GA

CS3.2.

5p Coil Strip – silicone coated – thin paper

2½p

Centre Phosphor Band, 4 mm

Phosphor Screen 150

bright pink

No: H.F/G.025.CB.150.01.1.

Cyl. 9, 10, 11
Value Type 1a

Phosphor Screen 150

bright pink

No: H.F/G.025.CB.150.01.2.

Cyl. 9
Value Type 1a
imperforate

Phosphor Screen 250

deep bright pink

No: H.F/G.025.CB.250.01.1.

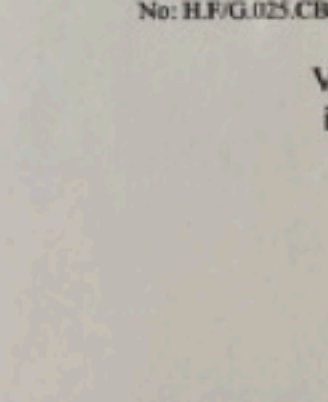
Horizontal Coil C3
Value Type 1b

3p

ultramarin

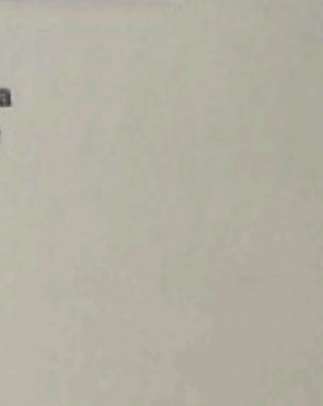
Two Phosphor Bands, 9.5 mm – Phosphor Screen 150

No: F/G.030.2B.150.



01.

Cyl 8, 9, 10
Value Type 1



01.1.

Cyl 8
Value Type 1
missing Phosphor

FCP / GA

3p

Two Phosphor Bands, 9.5 mm – Phosphor Screen 250

No: F/G.030.2B.250.

pale ultramarin

01.1.

Cyl. 8
Value Type 1
imperforate

pale ultramarin

01.

Cyl. 8
Value Type 1

ultramarin

02.

Cyl. 10
Value Type 1

ultramarin

03.

Horizontal Coil C6
Value Type 2

Centre Phosphor Band, 4 mm – Phosphor Screen 150

No: F/G.030.CB.150.

ultramarin

01.1.

Cyl. 8
Value Type 1
imperforate

FCP / GA

3p

Centre Phosphor Band, 4 mm – Phosphor Screen 150

No: F/G.030.CB.150.

ultramarin

01.
Cyl. 8, 24, 31
Value Type 1

ultramarin

01.2.
Cyl. 31
Value Type 1
imperforate between top and bottom

deep ultramarin

02.
Cyl. 8, 24, 31
Value Type 1a

4p

bright ochre

Two Phosphor Bands, 9.5 mm – Phosphor Screen 150

No: F/G.040.2B.150.

01.
Cyl. 4

02.
Cyl. 4
yellow Phosphor

6p

pale emerald

Two Phosphor Bands, 9.5 mm – Phosphor Screen 150

No: F/G.060.2B.150.

01.
Cyl. 4
yellow Phosphor

incomplete „6“

01.1.
Cyl. 4
yellow Phosphor
incomplete „6“

OCP /PVA

Original Coated Paper – Polyvinyl Alcohol Gum

Printers: Harrison & Sons

OCP / PVA

½p

Two Phosphor Bands, 9.5 mm – Phosphor Screen 150
No: H.O/P.005.2B.150.

turquoise

01.
Booklet Pane DP1, 3, 7
Value Type 1

01.1.
Booklet Pane DP1, 3, 7
Value Type 1
missing Phosphor

01.2.2.
Booklet Pane DP1
Value Type 1
wide phospor band right, 9.5 mm

01.3.1.
Booklet Pane DP7
Value Type 1
left phosphor band omitted

01.3.2.
Booklet Pane DP7
Value Type 1
right phosphor band omitted

bright turquoise

02.
Se-tenant Coil CS7
Value Type 2

deep turquoise

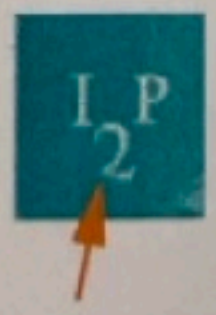
03.
Booklet Pane DP11
Value Type 2

Two Phosphor Bands, 9.5 mm – Phosphor Screen 250
No: H.O/P.005.2B.250.

turquoise

01.
Cylinder 2 and 4
Value Type 1

01.1.
Cylinder 2 and 4
Value Type 1
deformed base to small „2“



01.2.
Cylinder 2 and 4
Value Type 1
missing phosphor

OCP / PVA

1p

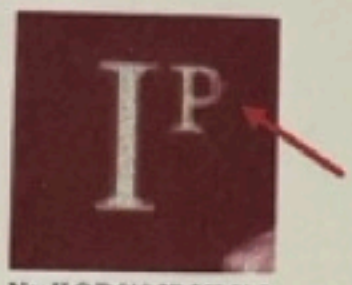
Two Phosphor Bands, 9.5 mm – Phosphor Screen 150
No: H.O/P.010.2B.150.

crimson

01.
Booklet Pane DP2 and DP12
Value Type 1

02.
Booklet Pane DP2 and DP12
Value Type 1a

pale crimson



No: H.O/P.010.2B.250.01.3.
screened spot in „p"

03.
Se-tenant Coil CS7
Value Type 3

03.1.
Se-tenant Coil CS7
Value Type 3
clipped „p"

No: H.O/P.010.2B.150.03.1.
clipped „p"

Two Phosphor Bands, 9.5 mm – Phosphor Screen 250
No: H.O/P.010.2B.250.

crimson

01.
Vertical Coil C2
Value Type 1a

01.2.
Vertical Coil C2
Value Type 1a
thin paper

01.3.
Vertical Coil C2
Value Type 1a
screened spot in „p"

reddish crimson

02.
Cylinder 1 and 3
Value Type 1

02.1.
Cylinder 1 and 3
Value Type 1
missing phospor

OCP / PVA

1½p
black

Two Phosphor Bands, 9.5 mm – Phosphor Screen 150
No: H.O/P.015.2B.150.

01.
Booklet Pane DP2 and DP12

Two Phosphor Bands, 9.5 mm – Phosphor Screen 250
No: H.O/P.015.2B.250.

01.
Cylinder 1

01.1.
Cylinder 1
missing phosphor

malformed small „2“

01.2.
Cylinder 1
malformed small „2“

01.3.
Cylinder 1
uncoated paper

2p
dark green

Two Phosphor Bands, 9.5 mm – Phosphor Screen 150
No: H.O/P.020.2B.150.

01.
Booklet Pane DP1 and DP11

01.2.1.
Booklet Pane DP1 and DP11
wide phosphor band, 9.5 mm left

01.2.2.
Booklet Pane DP1 and DP11
wide phosphor band, 9.5 mm right

pale green

02.
Se-tenant Pane CS7

Two Phosphor Bands, 9.5 mm – Phosphor Screen 250
No: H.O/P.020.2B.250.

01.
Cylinder 4 and 5

01.1.
Cylinder 4
missing phosphor

OCP / GA

2½p
pink

Centre Phosphor Band, 4 mm – Phosphor Screen 150

No: H.O/G.025.CB.150

01.4.

misperforated corner block of 10 stamps
This misperforation results of a paperfold

01.
Cylinder 5, 6, 7
Value Type 1

No: H.O/P.025.CB.150.01.2.
serif of small „2“ missing and scratch through „p“

01.1.
Cylinder 5, 6, 7
Value Type 1
missing phosphor

01.2.
Cylinder 5, 6, 7
Value Type 1
serif of small „2“ missing and scratch through „p“

01.3.
Cylinder 5
Value Type 1
perforation shift

02.
Cylinder 8
Value Type 1a

OCP / GA

2½p
pink

Centre Phosphor Band, 4 mm – Phosphor Screen 150

No: H.O/G.025.CB.150

01.
Vertical Coil C5
Value Type 1*

04.
Booklet Pane DP4, 5, 8
Value Type 2

04.2.
Booklet Pane DP4, 5, 8
Value Type 2
top of samall „1“ missing

04.3.
Booklet Pane DP4, 5, 8
Value Type 2
end of small „2“ missing

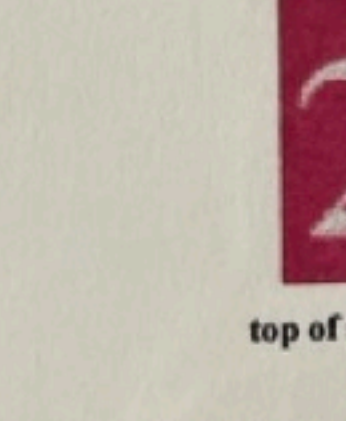
top of small „1“ missing

end of small „2“ missing

2½p
pink

Centre Phosphor Band, 4 mm
Phosphor Screen 250

No: H.O/G.025.CB.250

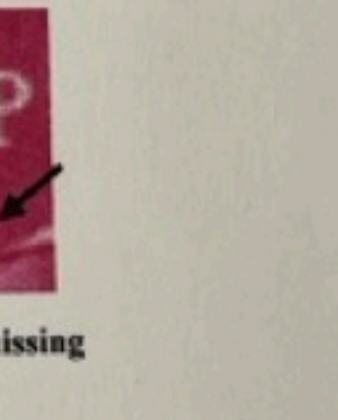


01.
Horizontal Coil C4
Value Type 1

2½p
pink

Phosphor Side Band Left
Phosphor Screen 150

No: H.O/G.025.CB.150



01.
Booklet Pane DP9
Value Type 1

OCP / PVA

10p Multiple Value Coil Strip

CS7

3p
deep ultramarin

Two Phosphor Bands, 9.5 mm – Phosphor Screen 150
No: H.O/P.030.2B.150.

01.1.
Booklet Pane DP6
Value Type 1
pale colour

01.2.
Booklet Pane DP6
Value Type 1
dark colour

02.1.
Booklet Pane DP6
Value Type 1a
pale colour

02.2
Booklet Pane DP6
Value Type 1a
dark colour

03.
Booklet Pane DP6
Value Type 1b

03.2.
Booklet Pane DP6
Value Type 1b
left phosphor band omitted

04.
Booklet Pane DP6
Value Type 3

05.
Booklet Pane DP9 and 10
Value Type 1a

06.
Horizontal Coil C8A
Value Type 2

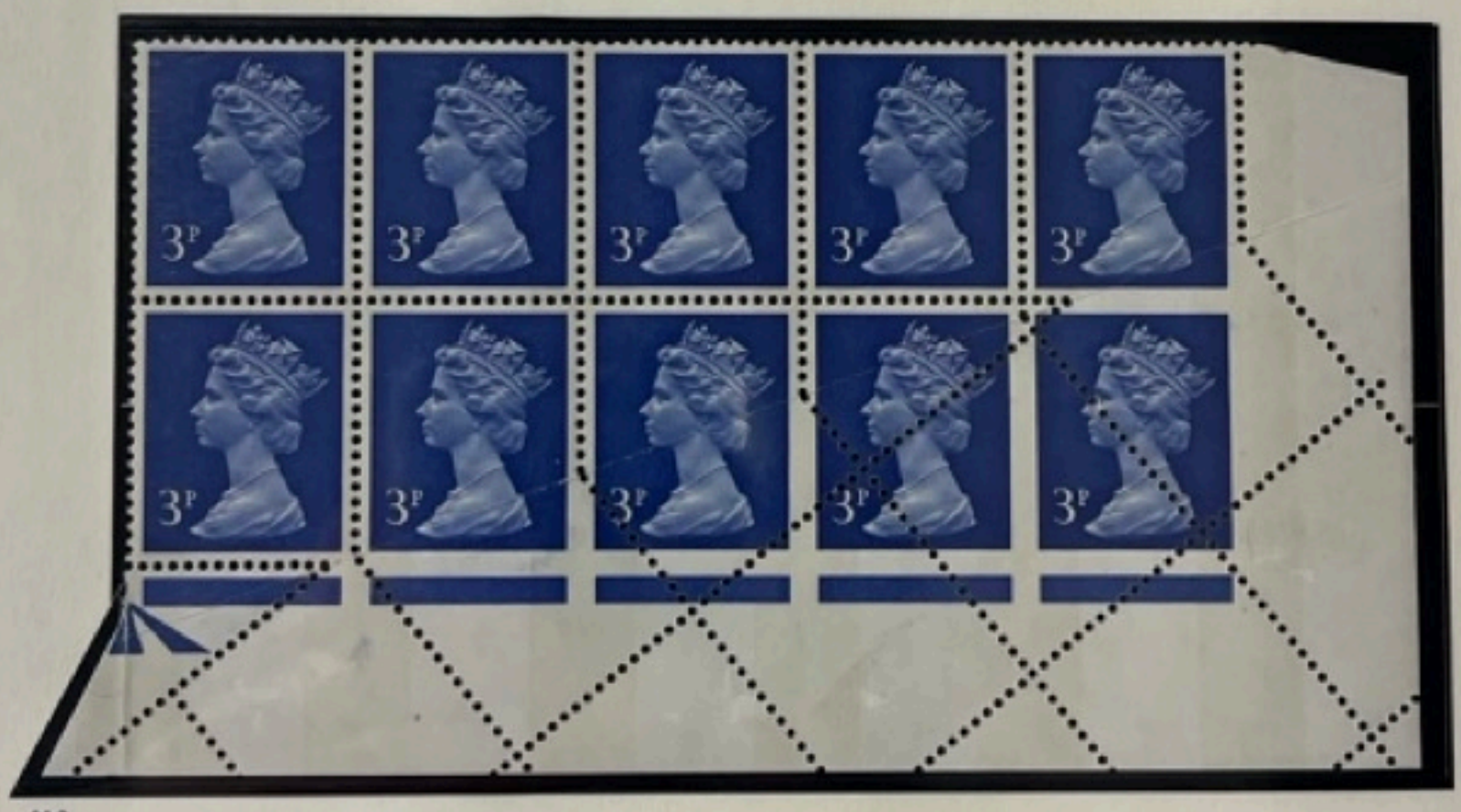
OCP / PVA

3p
deep ultramarin

Two Phosphor Bands, 9.5 mm – Phosphor Screen 250
No: H.O/P.030.2B.250.

01.
Cylinder 2 and 4
Value Type 1

01.1.
Cylinder 2 and 4
Value Type 1
missing phosphor



01.2.
Cylinder 2
Value Type 1
misperforated block of 10

02.
Horizontal Coil C8
Value Type 2

03.
Vertical Coil C9
Value Type 2a

OCP / PVA

Two Phosphor Bands, 9.5 mm – Phosphor Screen 250

3½p

deep olive green
No: H.O/G.035.2B.250

01.
Cylinder 1

01.1.
Cylinder 1
missing phosphor

5p

paleviolet
No: H.O/G.050.2B.250

01.
Cylinder 2

4p

ochre
No: H.O/G.040.2B.250

01.
Cylinder 5

01.1.
Cylinder 5
missing phosphor

6p

pale light green
No: H.O/G.060.2B.150

01.
Se-tenant Coil CS7
Phosphor Screen 150

6p

light green
No: H.O/G.060.2B.250

01.
Cylinder 1

01.2.
Cylinder 1
uncoated paper

7½p

light brown
No: H.O/G.075.2B.250

01.
Cylinder 1

01.1.
Cylinder 1
missing phosphor

9p

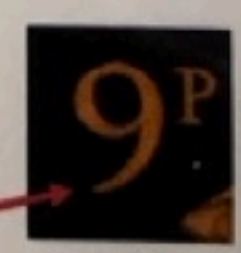
orange and black
No: H.O/G.090.2B.250

normal „9“

01.
Cylinder 3A-2B

01.1.
Cylinder 3A-2B
missing phosphor

01.2.
Cylinder 3A-2B
short tail to „9“



short tail to „9“

OCP / PVA

Booklet Panes

Two Phosphor Bands, 9.5 mm – Phosphor Screen 150

DP3

Type P – smooth cut at left

DP3

Type P – rough cut at left

DP3

Type AP

DP3

Type APPL

DP7

Type P – smooth cut at left

DP7

Type P – rough cut at left

OCP / PVA

Booklet Panes

Two Phosphor Bands, 9.5 mm – Phosphor Screen 150

DP3

Type PL

Centre Phosphor Band, 4 mm – Phosphor Screen 150

DP4

Type P – smooth cut at left

DP4

Type P – rough cut at left

DP4

Type AP

DP4A

Type APPLL

OCP / PVA

Booklet Panes

Centre Phosphor Band, 4 mm – Phosphor Screen 150

DP5

Type APP

DP5

Type P – smooth cut at left

DP5

Type P – rough cut at left

DP5A

Type PL

DP5A

Type APPL

OCP / PVA

Booklet Panes

Centre Phosphor Band, 4 mm – Phosphor Screen 150

DP8

Type APP

DP8

Type P – smooth cut at left

DP8

Type P – rough cut at left

Two Phosphor Bands, 9.5 mm – Phosphor Screen 150

DP6

Type P – smooth cut at left

DP6

Type P – rough cut at left

OCP / PVA

Booklet Panes

Two Phosphor Bands, 9.5 mm – Phosphor Screen 150

DP6

Type AP

DP6

Type APPa

DP6A

Type APL

DP6A

Type PL

DP10

Type AP

DP10

Type P – rough cut at left

OCP / PVA

Booklet Panes

3p – Two Phosphor Bands, 9.5 mm – Phosphor Screen 150
2½p –Phosphor Side Band Left, 9.5 mm – Phosphor Screen 150

DP9

Type AP

DP9

Type P – smooth cut at left

DP9

Type P – rough cut at left

DP9

Type APPa

OCP / PVA

Se-tenant Booklet Panes
Two Phosphor Bands, 9.5 mm – Phosphor Screen 150

Booklet Pane DP 1

Booklet Pane DP 11

Booklet Pane DP 2
Value Type 1

Booklet Pane DP 2
Value Type 1a

Booklet Pane DP 12
Value Type 1

Booklet Pane DP 12
Value Type 1a

FCP / PVA

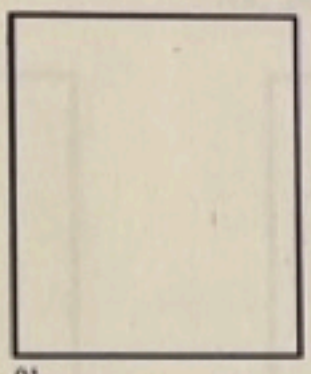
FCP / PVA

½p

Two Phosphor Bands 9.5 mm - 150 Phosphor Screen - Head Type C1
No: H.F/P.005.2B.150.C1.

turquoise

Ex Cylinder 2
Value Type 1a

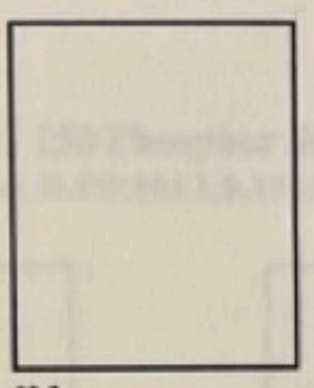


01.

02.
250 phosphor screen

Ex Booklet Panes DP7A and DP13
Value Type 1a

03.1.



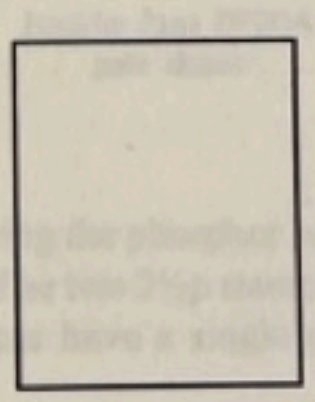
03.2.
thin paper

03.3.
Booklet Pane DP13J
yellow phosphor

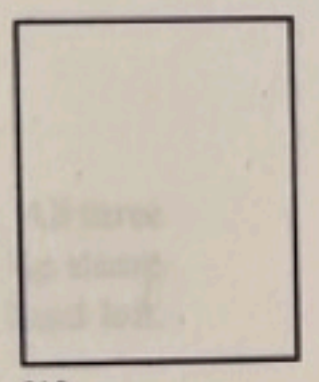
Ex Booklet Panes DP 11A and DP11J
Value Type 2

04.1.1.
dark shade

04.1.2.
pale shade



04.2.
thin paper



04.3.
yellow phosphor

04.4.
wide 9.5 mm phosphor band left

04.5.
wide 9.5 mm phosphor band right

04.6.
<u>thin paper</u> - wide 9.5 mm phosphor band at extreme right; there is a slight touch of phosphor on the left side

FCP / PVA
½p

turquoise

Ex Booklet Panes DP19 and DP20

Two Phosphor Bands 9.5 mm - 150 Phosphor Screen - Head Type C1
No: H.F/P.005.2B.150.C1.

05.
Booklet Pane DP19
Value Type 1a
dark shade

06.
Booklet Pane DP20
Value Type 1b
dark shade

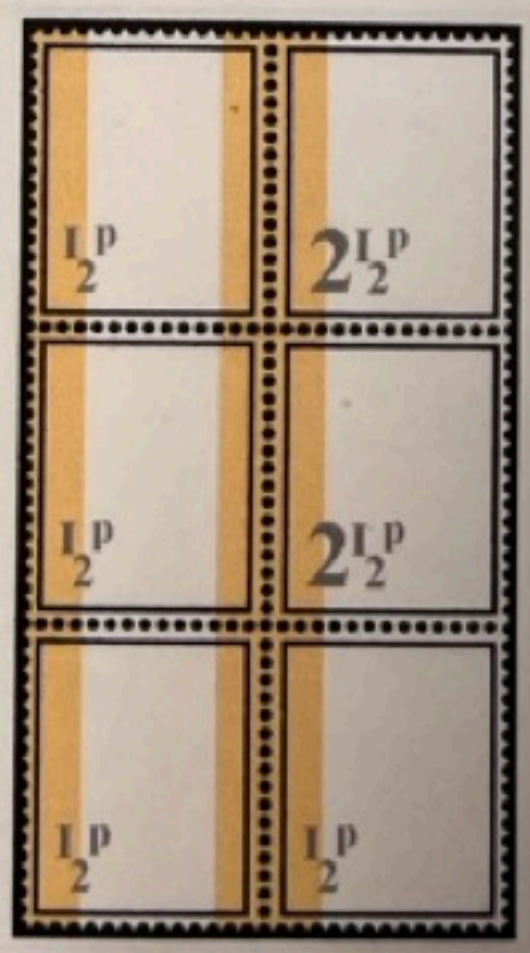
07.
Booklet Pne DP20A
Value Type 1b
pale shade

Phosphor Band Left - 150 Phosphor Screen - Head Type C1
No: H.F/P.005.LB.150.C1.

01.
Booklet Pane DP20
dark shade

02.
Booklet Pane DP20A
pale shade

Se-tenant piece of Wedgwood pane DP20 showing the phosphor band print. All three ½p stamps on the left bear 2 phosphor bands. The two 2½p stamps and the ½p stamp below the 2½p in the bottom right hand corner have a single phosphor band left.



FCP / PVA
1p

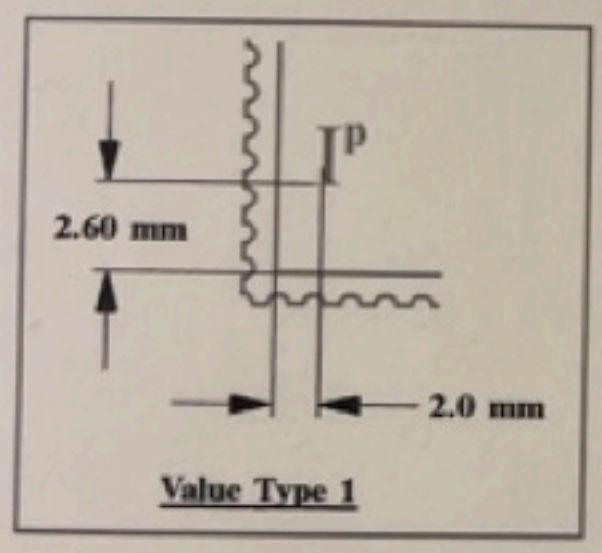
crimson

Two Phosphor Bands 9.5 mm - 150 Phosphor Screen - Head Type B1

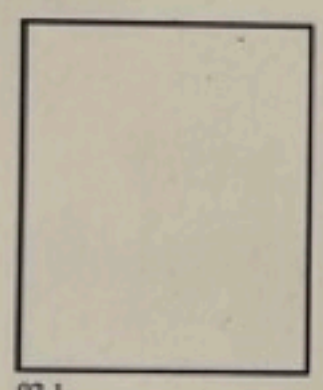
No: H.F/P.010.2B.150.B1.

01.1.
Cylinder 3
Value Type 1

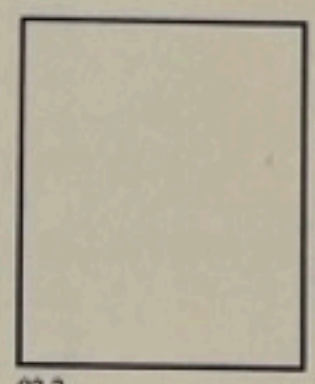
Ex Booklet Panes DP 12A and DP12J



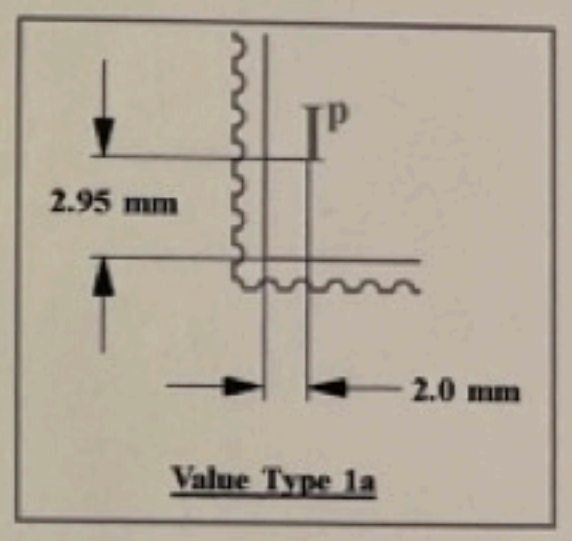
Value Type 1



02.1.
Value Type 1

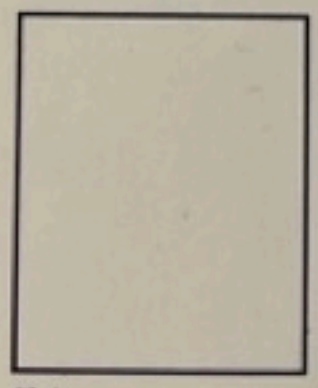


02.2.
Value Type 1a



Value Type 1a

02.3.
Value Type 1
missing phosphor

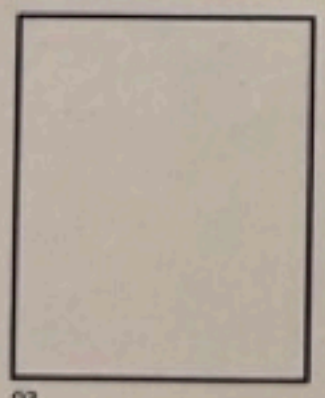


02.4.
Value Type 1
yellow phosphor

02.5.
Value Type 1a
yellow Phosphor

Two Phosphor Bands 9.5 mm - 250 Phosphor Screen - Head Type B1

No: H.F/P.010.2B.250.B1.



03.
Cylinder 1
Value Type 1

03.2.
Cylinder 1
Value Type 1
perforation shift

04.
Booklet Pane DP12A
Value Type 1a

FCP / PVA
1½p

charcoal

Two Phosphor Bands 9.5 mm - 150 Phosphor Screen - Head Type B1

No: H.F/P.015.2B.150.B1.

01.1.
Booklet Pane DP12

01.2.
Booklet Pane DP12J
yellow phosphor

01.3.
Booklet Pane DP12
missing phosphor bands

Two Phosphor Bands 9.5 mm - 250 Phosphor Screen - Head Type B1

No: H.F/P.015.2B.250.B1.

02.1.
Cylinder 4

top stamp is misperforated

02.2.
Cylinder 4
misperforate

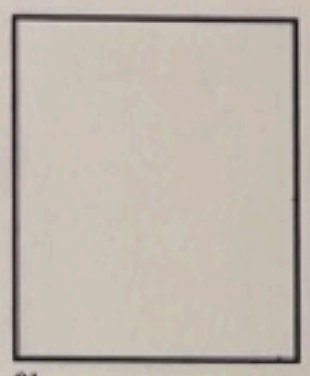
03.1.
Booklet Pane DP12A

middle stamp is imperforate at top

FCP / PVA
2p

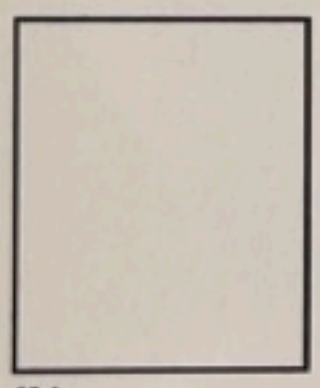
green

Two Phosphor Bands 9.5 mm - 150 Phosphor Screen - Head Type B1
No: H.F/P.020.2B.150.B1.

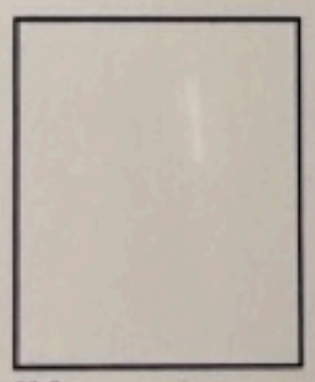


01.
Cylinder 4

Ex Booklet Panes DP 11A and DP11J



02.1.



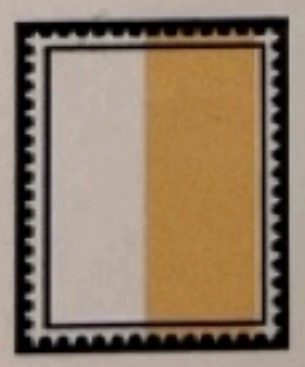
02.2.
thin paper

02.3.
yellow phosphor

02.4.
wide phosphor band inset left 9.5 mm

02.5.
wide phosphor band inset right 9.5 mm

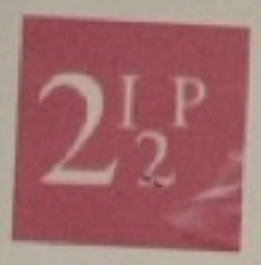
02.6.
thin paper - wide 9.5 mm phosphor band at extreme right; there is a slight touch of phosphor on the left side



FCP / PVA
2½p

bright pink - Head Type C1
150 Phosphor Screen

Value Types



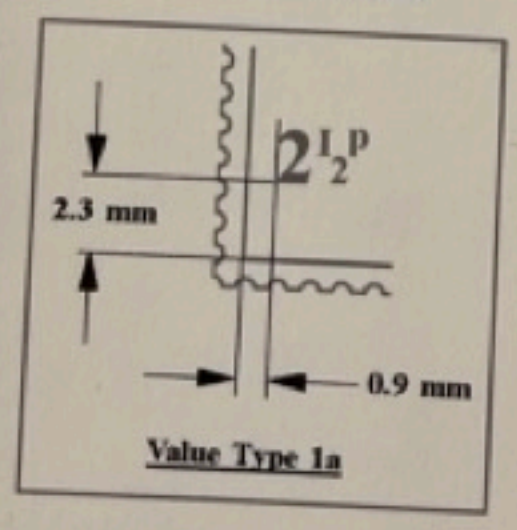
Value Type 1
thin elements
diagonal scretch in small "2"

Value Type 1*
thin elements
no scretch in small "2"

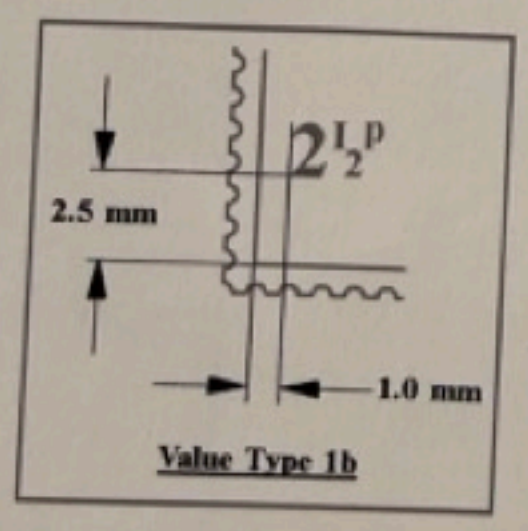
Value Type 2
thick elements

Value Type 3
very thin elements

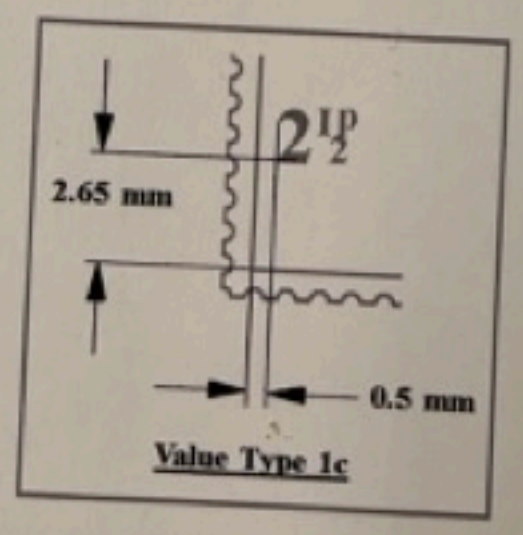
Value Positions



Value Type 1a



Value Type 1b



Value Type 1c

FCP / PVA
2½p

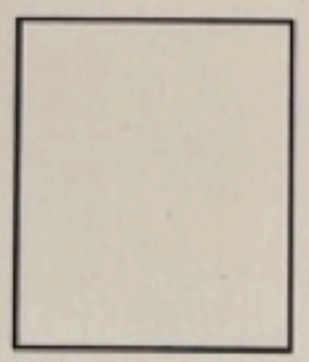
Phosphor Band Centre - 150 Phosphor Screen - Head Type C1
No: H.F/P.025.CB.150.C1.

bright pink

01.1.
Cylinder 5 and 6
Value Type 1 a

01.2.
Cylinder 5 and 6
Value Type 1a
missing phosphor band

02.
Cylinder 13
Value Type 1b



03.1.
Cylinder 9, 10 and 11
Value Type 1c

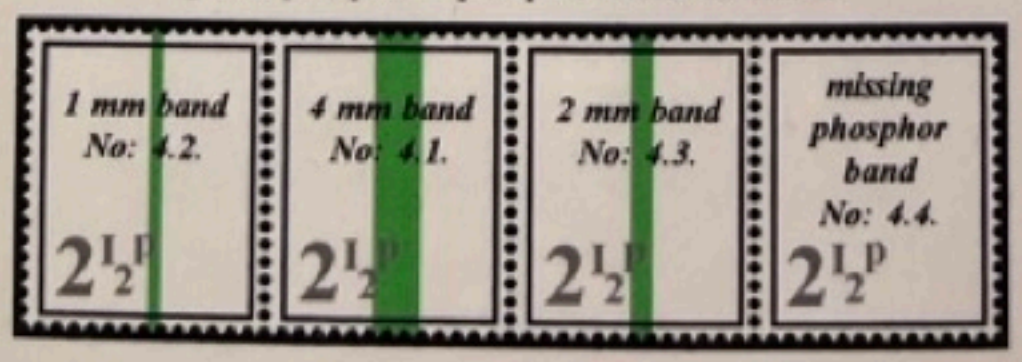
03.2.
Cylinder 9 and 11
value Type 1c
missing phosphor band

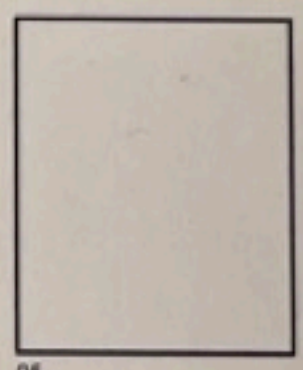
03.3.
Cylinder 11
Value Type c
yellow phosphor

04.1.
Cylinder 10
value Type 1c
green phosphor

03.x.
Cylinder 11 - Value Type 1c - yellow phosphor
Top left corner of the sheet has been folded over, prior to perforating, leaving a small section of imperforate stamp.

04.x.
Cylinder 10 - Value Type 1c
green phosphor - phosphor band variations





05.
Cylinder 19
Value Type 2

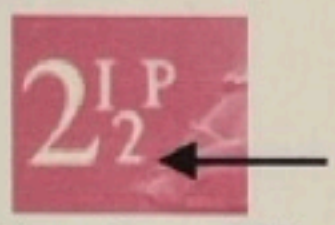
FCP / PVA
2½p

Phosphor Band Centre - 150 Phosphor Screen - Head Type C1
No: H.F/P.025.CB.150.C1.

bright pink

06.1.
Booklet Panes DP8A, 14, 15 and 16
Value Type 2

06.2.
Booklet Pane DP14J
Value Type 2
yellow phosphor



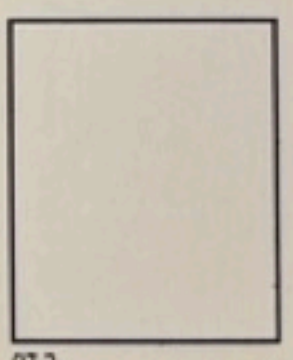
missing serif to small "2"

06.3.
Booklet Pane DP14
Value Type 2
missing serif to small "2"

06.4.
Booklet Pane DP14
Value Type 2
thin paper

06.5.
Booklet Pane DP14
Value Type 2
missing phosphor band

07.1.
Booklet Pane DP16A
Value Type 1* a



07.2.
Booklet Pane DP16A
Value Type 1* a
thin paper

08.1.
Booklet Type DP18
Value Type 1* a

08.2.
Booklet Type DP18
Value Type 1* a
phosphor band displaced to the right

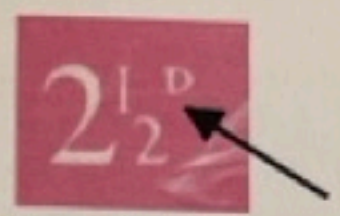
08.3.
Booklet Type DP18
Value Type 1* a
missing phosphor band

FCP / PVA
2½p

Phosphor Band Centre - 150 Phosphor Screen - Head Type C1
No: H.F/P.025.CB.150.C1.

pale pink

09.1.
Booklet Type DP19
Value Type 3



bottom of "p" missing

09.2.
Booklet Type DP19
Value Type 3
bottom of "p" missing

Phosphor Band Left - 150 Phosphor Screen - Head Type C1
No: H.F/P.025.LB.150.C1.

bright pink

01.1.
Booklet Pane DP9
Value Type 2

01.2.
Booklet Pane DP9A
Value Type 2
yellow phosphor

pale pink

02.1.
Booklet Pane DP19 and DP20
Value Type 3

very pale pink

02.2.
Booklet Pane DP20A
Value Type 3

Phosphor Band Right - 150 Phosphor Screen - Head Type C1
No: H.F/P.025.RB.150.C1.

pale pink

01.1.
Booklet Pane DP18
Value Type 1c

01.2.
Booklet Pane DP19
Value Type 3

FCP / PVA
3p

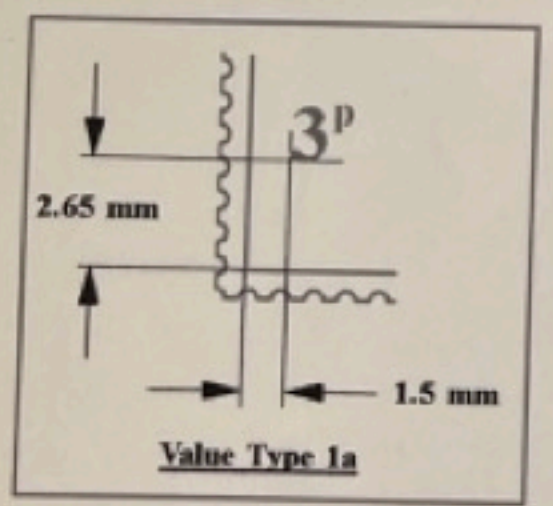
ultramarine - Head Type B1
150 and 250 Phosphor Screen

Value Types

Value Type 1
thin elements

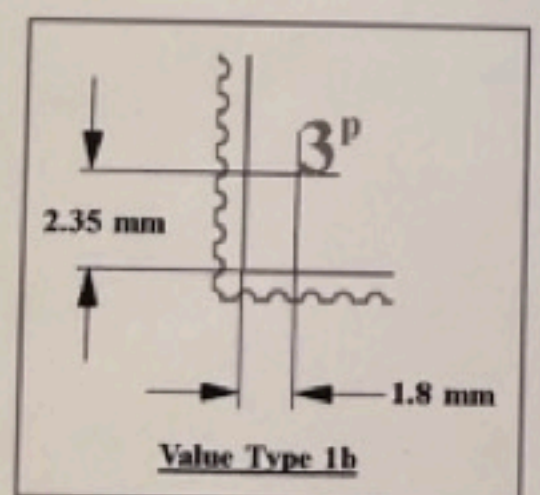
Value Type 3
very thin elements

Value Positions



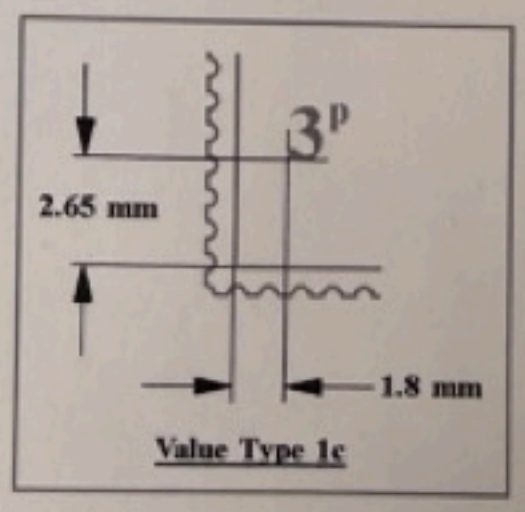
Value Type 1a

This is the standard setting for most sheet stamps and booklet panes DP6A, DP9 and DP10. However, slight variations in the settings are possible, especially on booklet panes.



Value Type 1b

This setting is used for sheets cylinder 12 and booklet panes DP17 and DP18.



Value Type 1c

This setting is used for sheets cylinder 31.

FCP / PVA
3p

ultramarine
Value Type 1a, unless otherwise stated

Two Phosphor Bands - 250 Phosphor Screen - Head Type B1

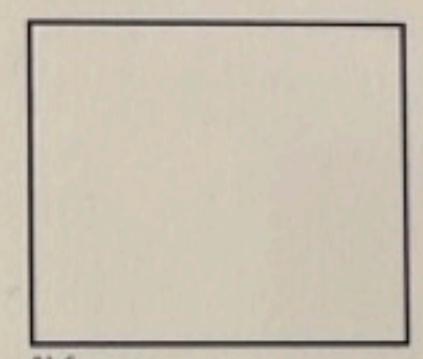
No: H.F/P.030.2B.250.B1.

01.1.
Cylinder 2 and 4

01.2.
Cylinder 8

01.3.
Cylinder 8
thin paper

01.4.
Cylinder 9
pale ultramarine

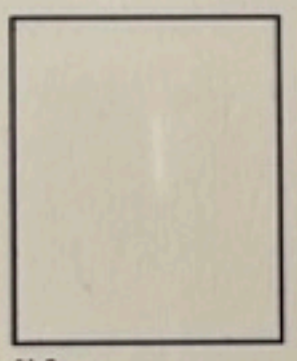


01.5.
Cylinder 24
deep ultramarine

Two Phosphor Bands - 150 Phosphor Screen - Head Type B1

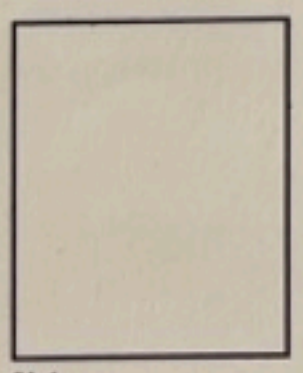
No: H.F/P.030.2B.150.B1.

01.1.
Cylinder 8, 9 ,10, 21 and 22



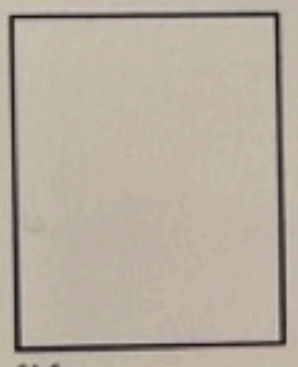
01.2.
Cylinder 8
thin paper

01.3.
Cylinder 8 and 10
yellow phosphor



01.4.
Cylinder 12
Value Type 1b

01.4.
Cylinder 12 Value Type 1b
perforation shift



01.5.
Cylinder 21and 22

02.
Cylinder 2 and 21
missing phosphor bands*
**these can originate from both sources:*
cylinder 2 (250 screen) or cylinder 21 (150 screen)

FCP / PVA

3p

ultramarine

Value Type 1a

Two Phosohor Bands - 150 Phosphor Screen - Head Type B1

No: H.F/P.030.1B.250.B1.

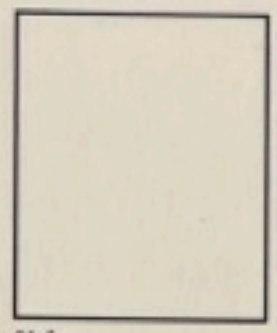
Ex Booklet Pane DP 6

01.1.

01.2.
screened value

01.3.
serif of "3" missing
(see illustration below)

01.4.
thin paper



01.5.
yellow phosphor

01.6.
missing phosphor bands

Ex Booklet Pane DP 9

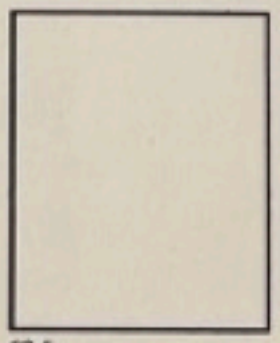
02.1.
bright ultramarine

02.2.
deep ultramarine

02.3.
thin paper

no serif to top of "3"
(DP10)

02.4.
yellow phosphor



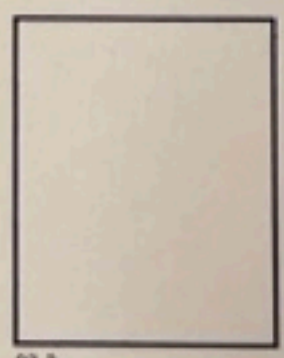
02.5.
missing phosphor bands

serif of "3" missing
(DP6)

Ex Booklet Pane DP 10

03.1.

03.2.
no serif to top of "3"
(see illustration above)



03.3.
yellow phosphor

FCP / PVA
3p

Two Phosphor Bands - 150 Phosphor Screen - Head Type B1
No: H.F/P.030.2B.150.B1.

Value Type 1b

Ex Booklet Pane DP 17

slate blue

04.1.

04.2.
wide phosphor band left 9.5 mm

Ex Booklet Pane DP 18

slate blue

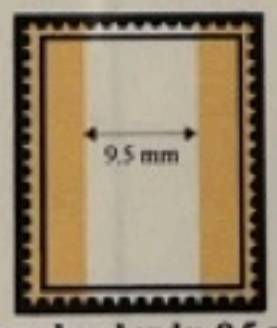
05.1.
dark head

05.2.
pale head

05.3.
wide phosphor band inset left 9.5 mm

05.4.
11 mm phosphor bands

wide phosphor band left 9.5 mm
(DP17)



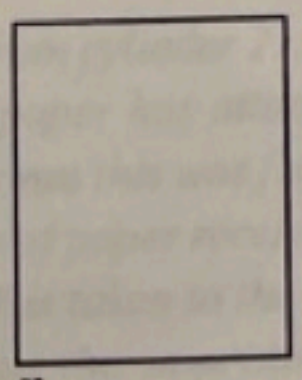
11 mm phosphor bands; 9.5 mm apart, instead of 11 mm with 9.5 mm bands
(DP18)

wide phosphor band inset left 9.5 mm
(DP18)

Phosphor Band Centre - 150 Phosphor Screen - Head Type B1
No: H.F/P.030.CB.150.B1.

ultramarine

01.
Cylinder 31
Value Type 1c



02.
Booklet Pane DP21
Value Type 3

FCP /PVA
3p

Two Phosphor Bands - 150 Phosphor Sreen
No: H.F/P.003.2B.01.

This is an interestring corner piece of a sheet from cylinder 21. What has happened? For some unknown reason an extra piece of paper has attached itself to the main paper roll and after the deviding into sheet format this was fed to the printing press. When the sheet was printed the attached piece of paper received the ink, leaving the space underneath blank. Moisture of the ink has taken to the gum of the extra piece of paper leaving a dark spot of residue on the unprinted part of the sheet.

FCP / PVA

Two Phosphor Bands - <u>150 and 250 Phosphor Screen</u>

3½p

H.F/P.035.2B.150.
150 Phosphor Screen

01.
Booklet Panes DP22
olive-green

02.
Cilinder 9
greyish olive

03.
Cylinder 11
deep greyish olive

4p

H.F/P.040.2B.250.
250 Phosphor Screen

01.
Cylinder 4

6p

H.F/P.060.2B.250.
250 Phosphor Screen

01.
Cylinder 4

5p

H.F/P.050.2B.150.
150 Phosphor Screen

01.
Cylinder 3

H.F/P.050.2B.250.
250 Phosphor Screen

01.
Cylinder 2

FCP / PVA

Two Phosphor Bands - 250 Phosphor Screen, unless otherwice stated

6½p
H.F/P.065.2B.150.
150 Phosphor Screen

01.
Cylinder 4

7½p
H.F/P.075.2B.250.

01.
Cylinder 1 and 3

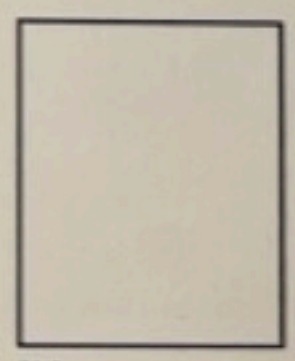
9p
H.F/P.090.2B.250.

01.
Cylinder 3A - 3B and 4A - 4B

10p
H.F/P.100.2B.250.

01.1.
Cylinder 3A - 3B
orange and flesh pink

01.2.
Cylinder 3A - 3B
orange and flesh pink
missing phosphor bands



01.3.
Cylinder 5A - 4B
deep orange and flesh pink

01.4.
Cylinder 3A - 3B
orange *and butter yellow*

FCP / PVA

Booklet Panes

Booklet Pane DP11

Booklet Pane DP11

Booklet Pane DP13
dark shade
"smooth cut selvage"

Booklet Pane DP13
pale shade
"slanting cut selvage"

Booklet Pane DP8
"smooth cut selvage"

Booklet Pane DP8
"slanting cut selvage"

FCP / PVA

Booklet Panes

Booklet Panes DP15 and DP16
all panes are imperforate between label and selvage

Booklet Pane DP15
"smooth cut selvage"
imperforate in the selvage

Booklet Pane DP15
"slanting cut selvage"
perforated in the selvage

Booklet Pane DP16
"perforated selvage with alterante"
horizontal rows perforated through

Booklet Pane DP16
thin paper
"slanting cut selvage"

Booklet Pane DP16
"smooth cut selvage"
alternate horizontal rows pertforated through

Booklet Pane DP16
"slanting cut selvage"
every horizontal row perforated through

FCP / PVA

Booklet Panes

Booklet Panes DP9

2½p stamp has phosphor band left; 3p stamp has 2 phosphor bands 9.5 mm

Booklet Pane DP9
"smooth cut selvage"

Booklet Pane DP9
"slanting cut selvage"

Booklet Panes DP14

2½p stamp has phosphor band centre

Booklet Pane DP14
"slanting cut selvage"

Booklet Pane DP14
thin paper
"slanting cut selvage"

FCP / PVA

Booklet Panes

Booklet Pane DP10
"smooth cut selvage"
margin in the salvage imperforate

Booklet Pane DP10
"sperforated selvage"
margin in the salvage imperforate

Booklet Pane DP10
"smooth cut selvage"
margin in the salvage perforated

Booklet Pane DP10
"slanting cut selvage"
margin in the salvage perforated

FCP / PVA

Booklet Panes

Booklet Panes DP6 and DP22
all panes are imperforate between label and selvage

Booklet Pane DP6
"perforated selvage"
margin in the selvage im perforate

Booklet Pane DP6
"smooth cut selvage"
margin in the selvage perforated

Booklet Pane DP6
"slanting cut selvage"
margin in the selvage perforated

Booklet Pane DP22
"smooth cut selvage"
margin in the selvage perforated

Booklet Pane DP22
"slanting cut selvage"
margin in the selvage perforated

PCP / DEX

Phosphor Coated Paper – Gum Dextrin

Part 1

PCP1

Printers: Harrisons & Sons

PCP DEX

First Issued: First experiments with phosphor incorporated into the paper began on 10. October 1969.

Another test was made with the recess-printed 10p cerise issue of 17. June 1970. Following were a number of other tests.

General introduction of final PCP on 15. August 1979

Printing: Photogravure

Paper: Phosphor Coated Paper.

Gum: Dextrin (Polyvinyl Alcohol, Dextrin added)

PCP is categorised in two groups: PCP1 with a matt surface finish and PCP2 with a shiny finish.

17 Pin Variety

In 1984 a perforating pin in one of the three Jumelle APS perforator drums broke and was consequently repaired by hand. This was an improvising job and involved drilling of some new pin holes. Inadvertently, an extra pin was added to the perforator, resulting in a compound perforation. There are now 17 complete holes instead of 16 normally. The repaired section which is in the bottom quarter of the stamp forms an arc. Stamps with this unique perforation became known to collectors as the „17 pin variety". A pair of such affected stamps is shown below.

The row with 17 perforation holes

This is the repair area were an extra pin was added. The perforation line shows a slight arc.

PCP1 / DEX

½p
No: H.P1/D.005.

bright turquoise

01.1.
Cylinder 7 and 8

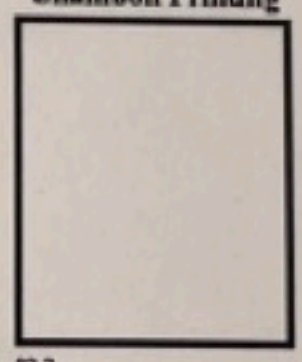
01.2.
Cylinder 7
ribbed coating

Chambon Printing

02.1.
RD Coil CS13

01.3.
Imperforate

Chambon Printing



02.2.
RD Coil CS13
flourescent brightener omitted

1p Head Type B1
No: H.P1/D.010.B1.

crimson

01.1.
Cylinder 12
Value Type 1

01.2.
Cylinder 12
Value Type 1
ribbed coating

1p Head Type B2
No: H.P1/D.010.B2.

crimson

01.
Cylinder 14
Value Type 1c

pale crimson

02.
RD Coil CS12
Value Type 4

PCP / DEX

C510.

First Issue

2½p: - No: H.P1/D.025..02.1.
3p: - No: H.P1/D.030.B1.02.1.

C510.

Second Issue

2½p: - No: H.P1/D.025..02.1.
3p: - No: H.P1/D.030.B1.02.3.

No: H.P1/D.010.B2.01.1.

No: H.P1/D.030.B2.01.3.

17 Pin Variety

PCP / DEX

CS11.1.

Cylinder R1

½p: - No: H.P1/D.005..02.1.
4p: - No: H.P1/D.040.B1.01.1.

CS11.2.

Cylinder R1
„White Head“

½p: - No: H.P1/D.005..02.1.
4p: - No: H.P1/D.040.B1.01.2.

CS11.3.

Cylinder R2

½p: - No: H.P1/D.005..02.1.
4p: - No: H.P1/D.040.B1.02.

CS13.

1p: - No: H.P1/D.010.B2.02.
4p: - No: H.P1/D.040.B2.01.

PCP1 / DEX

2p
No: H.P1/D.020.

pale green

01.
Cylinder 13 and 14

2½p
No: H.P1/D.025.

rose

01.
Cylinder 25

bright rose

02.1.
RD Coil CS10

bright rose

02.2.
RD Coil CS10
fluorescent brightener omitted

3p Head Type B1
No: H.P1/D.030.B1.

bright pink

01.1
Cylinder 38
Value Type 1a

dull pink

01.1.
RD Coil CS10
Value Type 2a
1st Issue

dull pink

02.2.
RD Coil CS10
Value Type 2a
1st Issue
fluorescent brightener omitted

bright pink

03.
RD Coil CS10
Value Type 2a
2nd Issue

3p Head Type B2
No: H.P1/D.030.B2.

bright pink

01.1.
Cylinder 43
Value Type 1a

bright pink

01.2.
Cylinder 43
Value Type 1a
spotty print

PCP1 / DEX

3½p
No: H.P1/D.035.

purple brown

01.
Cylinder 1

4p Head Type B1
No: H.P1/D.040.B1.

greenish blue

01.1.
RD Coil CS11 / Cylinder R1
Value Type 1

light greenish blue

01.2.
RD Coil CS11 / Cylinder R1
Value Type 1
„white head"

dark greenish blue

01.3.
RD Coil CS11 / Cylinder R1
Value Type 1
fluorescent brightener omitted

dull greenish blue

02.
RD Coil CS11 / Cylinder R2
Value Type 1

4p Head Type B2
No: H.P1/D.040.B2.

pale green blue

01.
RD Coil CS13
Value Type 1b

4½p
No: H.P1/D.045.

grey blue

01.
Cylinder 7
experimental coating with additional two phosphor bands

5p
No: H.P1/D.050.

pale lilac

01.1.
Cylinder 7

01.2.
Cylinder 7
ribbed printing

7p
No: H.P1/D.070.

brick red

01.
Cylinder 25 and 26

PCP1 / DEX

8½p
No: H.P1/D.085.

lime green

01.
Cylinder 6
experimental coating

10p Head Type D2
No: H.P1/D.100.D2.

Chambon Press
experimental coating with additional two phosphor bands

light orange

01.1.
Cylinder 7

01.GP.
Cylinder 7
Gutter Pair

01.3.
Cylinder 9

01.2.1.
Cylinder 8

01.2.2.
Cylinder 8
phosphor bands omitted

10p Head Type D1
No: H.P1/D.100.D1.

Jumelle Press

light orange

01.
Cylinder 2 and 15

02.
Cylinder 2
additional centre phosphor band

PCP1 / DEX

11p

No: H.P1/D.110.

orange pink

01.

Cylinder 4

11½p

No: H.P1/D.115.

light ochre

01.

Cylinder 1
experimental coating

02.1.

Cylinder 1

02.2.

Cylinder 1
ribbed coating
2 mm band uncoated paper

12p

No: H.P1/D.120.

lime green

01.1.

Cylinder 2

01.2.

Cylinder 2
creamy paper

02.

Cylinder 6

03.

Booklet Pane DP39

04.

Vertical Coil C28

PCP1 / DEX

12½p
No: H.P1/D.125.

lime green

01.

Cylinder 2
paper error
additional centre phosphor band

13p
No: H.P1/D.130.

olive

01.

Cylinder 3
experimental coating

13½p
No: H.P1/D.135.

reddish brown

01.

Cylinder 1

13p
No: H.P1/D.130.

dull olive

02.

Cylinder 3

14p
No: H.P1/D.140.

deep steel blue

01.1.

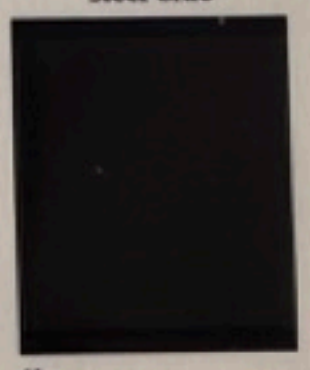
Cylinder 1

dull steel blue

01.2.

Cylinder 1
defective ink mix

steel blue



02.

Cylinder 6

Chambon Press

steel blue

03.1.

Booklet Pane DP47A

pale steel blue

03.2.

Booklet Pane DP47E
fluorescent brightener omitted

deep steel blue

03.3.

Booklet Pane DP47E
fluorescent brightener omitted

PCP1 / DEX

15p

No: H.P1/D.150.

ultramarin

01.

Cylinder 1
experimental coating

02.

Cylinder 1 and 2

15½p

No: H.P1/D.155.

pale violet (shades)

01.4.

Cylinder 3
Value Type 1
Imperforate

01.1.

Cylinder 3
Value Type 1

01.2.

Cylinder 3
Value Type 1
perforation shift

01.3.

Cylinder 3
Value Type 1
fluorescent brightener omitted

02.

Booklet Pane DP 54 and 54A
Value Type 2

01.5.

Cylinder 3
Value Type 1
partly imperforate

03.

Vertical Coil C32
Value Type 2

PCP1 / DEX

16p
No: H.P1/D.160.

mushroom

01.
Booklet Pane DP62 and DP62A

02.
Vertical Coil C33

03.
Booklet Pane DP62D,DP62E,DP62F
blue „D" printed on backside

16½p
No: H.P1/D.165.

pale chestnut

01.
Cylinder 3

17½p
No: H.P1/D.175.

chestnut

01.
Cylinder 1

17p Head Type D2
No: H.P1/D.170.D2.

light green

01.1.
Cylinder 4

01.2.
Cylinder 4
fluorescent brightener omitted

grey blue

02.
Cylinder 7

PCP1 / DEX

17p Head Type D1

No: H.P1/D.170.D1.

grey blue

01.
Vertical Coil C34
Value Type 2a

02.
Booklet Pane DP91
Value Type 2a

03.
Booklet Pane DP69 and DP69A
Value Type 2a

04.
Booklet Pane DP69D and DP69E
Value Type 2a
blue „D" printed on backside

05.1.
Booklet Pane DP82D
Value Type 2a
„wrong paper"
additional two phosphor bands

05.2.
Booklet Pane DP82D
Value Type 2a
„wrong paper"
additional two phosphor bands
bands are short at top

18p

No: H.P1/D.180.

greygreen

02.
Booklet Pane DP92 and DP92A
Value Type 4

03.
Vertical Coil C35
Value Type 4

violet

01.
Cylinder 1
Value Type 1

PCP1 / DEX

19½p
No: H.P1/D.195.

olive grey

01.
Cylinder 2

20p
No: H.P1/D.200.

drap purple

01.
Cylinder 4

20½p
No: H.P1/D.205.

ultramarin

01.
Cylinder 1

22p
No: H.P1/D.220.

dark blue

01.1.
Cylinder 3 and 4
Value Type 1

01.4.
Cylinder 3
Value Type 1
Imperforate

01.5.1.
Cylinder 3 and 4
Value Type 1
ribbed coating

01.2.
Cylinder 4
Value Type 1.1
thin base to „2“

01.3.
Cylinder 4
Value Type 1.2
foreshortened „2“

01.5.2.
Cylinder 4
Value Type 1.1
thin base to „2“
ribbed coating

Creamy Paper, Experimental Coating

02.1.
Cylinder 3
Value Type 1

02.2.
Cylinder 3
Value Type 1.1
thin base to „2“

PCP1 / DEX

23p

No: H.A/D.230.01

reddish - pink

Cylinder 1

25p

No: H.A/D.250.01

purple

Cylinder 2

26p

No: H.A/D.260.

red

01.1.

Cylinder 2

01.2.

17 pin variety

28p

No: H.A/D.280.01.

dep violet

Cylinder 1

31p

No: H.A/D.310.01.

purple

Cylinder 2

34p

No: H.A/D.340.01.

olive - brown

Cylinder 1

29p

No: H.A/D.290.

chestnut - brown

01.1.

Cylinder 1

deep chestnut - brown

01.2.

Cylinder 1

PCP / DEX

Phosphor Coated Paper – Gum Dextrin

Part 2

PCP2

Printers: Harrisons & Sons

PCP2 / DEX

½p
No: H.P2/D.005.

bright turquoise

01.
Cylinder 7 and 8

01.1.
Cylinder 7
Imperforate

1p Head Type B1
No: H.P2/D.010.B2.

crimson

01.
Cylinder 12
Value Type 1

1p Head Type B2
No: H.P2/D.010.B2.

crimson

01.
Cylinder 14
Value Type 1c

2p
No: H.P2/D.020.

deep myrtle green

01.
Cylinder 13
Value Type 1

pale myrtle green

02.
Cylinder 14
Value Type 1d

PCP2 / DEX

2½p
No: H.P2/D.025.

rose

01.

Cylinder 25

3p
No: H.P2/D.030.

pink

01.

Cylinder 38

bright pink

02.

Cylinder 38

3½p
No.. H.P2/D.035

purple brown

01.

Cylinder 17

4p
No.. H.P2/D.040

deep green blue

01.

RD2 Coil CS12

5p
No.. H.P2/D.050

pale lilac

01.

Cylinder 7

12p
No: H.P2/D.120.

lime green

01.

Cylinder 2

bright lime green

02.

Cylinder 6

PCP2 / DEX

14p
No: H.P2/D.140.

steel blue

01.
Cylinder 1
Value Type 1

02.
Booklet Pane DP47/47A-B6,11,14
Value Type 1

03.1.
Booklet Pane DP47/47A-B3
Value Type 1c

03.2.
Booklet Pane DP47-B3
Value Type 1c
Centre Band
Phantom Imprint

04.
Booklet Pane DP47/47A-B3
Value Type 1g

05.
Vertical Coil C31
Value Type 1c

06.
Vertical Coil C31
Value Type 1g

15p
No: H.P2/D.150.

deep ultramarin

01.
Cylinder 1

ultramarin

02.
Cylinder 2

PCP2 / DEX

15½p
No: H.P2/D.155.

pale violet

01.
Cylinder 3
Value Type 1

02.
Booklet Pane DP54/54A
Value Type 2

16½p
No: H.P2/D.165.

pale chestnut

01.
Cylinder 3

17p
No: H.P2/D.170.

pale green

01.
Cylinder 4

17½
No: H.P2/D.175.

chestnut

01.
Cylinder 1

18p
No: H.P2/D.180.

violet

01.
Cylinder 1

grey green

02.
Booklet Pane DP92/92A

PCP2 / DEX

19½p
No: H.P2/D.195.

olive grey

01.
Cylinder 2

20p
No: H.P2/D.200.

drap purple

01.
Cylinder 4

22p
No: H.P2/D.220.

dark blue

01.
Cylinder 3 and 4

01.1.
Cylinder 3 and 4
thin base to „2"

01.2.
Cylinder 3 and 4
foreshortened „2"

25p
No: H.P2/D.250.

purple

01.
Cylinder 2

29p
No: H.P2/D.290.

olive sepia

01.
Cylinder 1

ACP / DEX

Advanced Coated Paper – Gum Dextrin

Printers: Harrisons & Sons

ACP / DEX

First Issued: First experimental coating in October 1981 (22p dark blue)
General introduction in October 1984 (22p Regionals)

Printing: Photogravure

Paper: Advanced Coated Paper

Gum: Dextrin (Polyvinyl Alcohol with added Dextrin)

17 Pin Variety

In 1984 a perforating pin in one of the three Jumelle APS perforator drums was broken and consequently repaired by hand. This involved drilling of some new holes on the sides of the previous one. Inadvertently, an extra pin was added to the perforator, resulting in a compound perforation. The repaired section forms an arc. The stamps with this unique perforation became known to collectors as the „17 pin variety". Because the row affected has now 17 complete holes instead of 16 normally. A pair of such affected stamps is illustrated below.

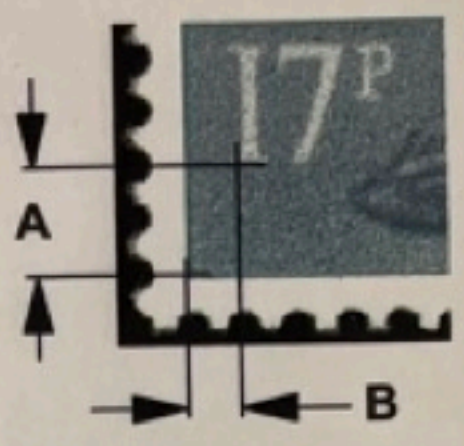
This row has 17 perforation holes

This is the area in which the repair took place. The bottom part of the perforation row shows an slight arc.

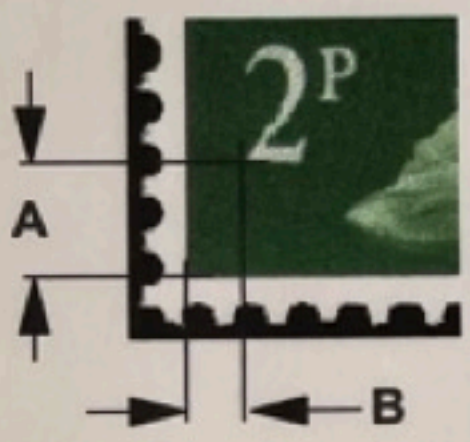
ACP / DEX

Value Settings.

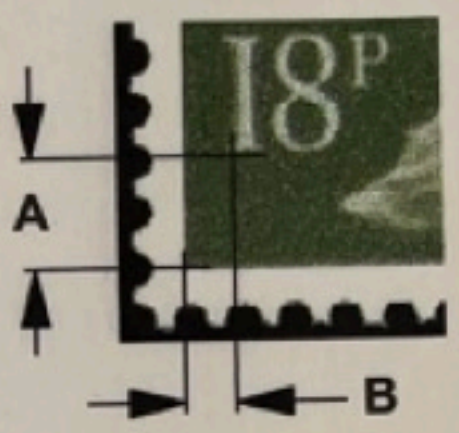
For certain denominations the value figures can alter in position relative to each other, which is called "settings". The following information is relevant to value setttings of the stamps in this chapter.



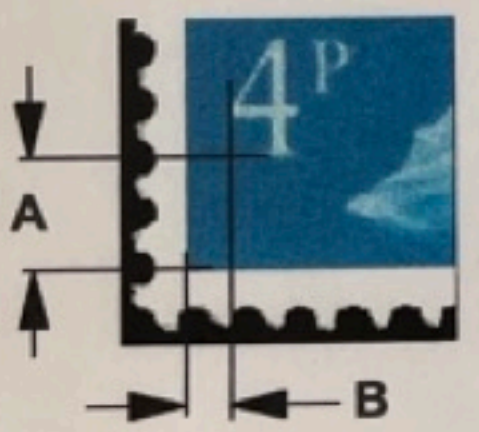
Type 2:
A = 2.8 mm B = 1.4 mm
Type 2a:
A = 3.1 mm B = 1.5 mm



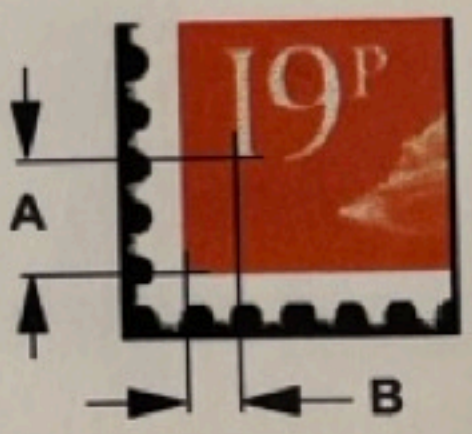
Type 4:
A = 3.0 mm B = 1.4 mm
Type 4a:
A = 3.3 mm B = 1.3 mm
Type 4b:
A = 3.2 mm B = 1.6 mm



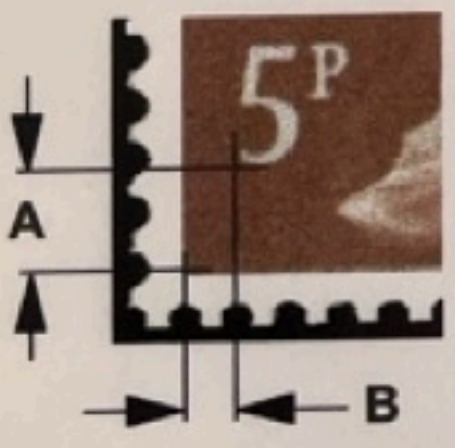
Type 4:
A = 2.9 mm B = 1.5 mm
Type 4a:
A = 3.1 mm B = 1.5 mm



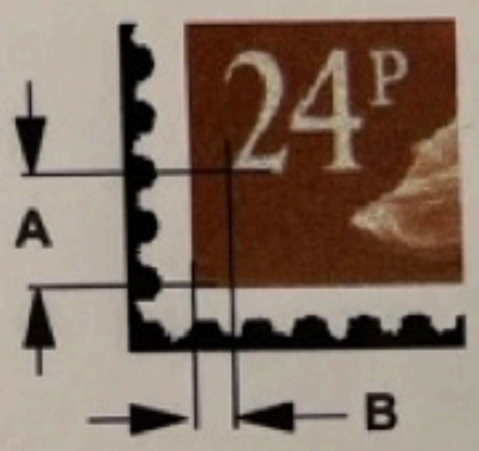
Type 3:
A = 3.1 mm B = 1.1 mm
Type 3a:
A = 3.1 mm B = 1.5 mm



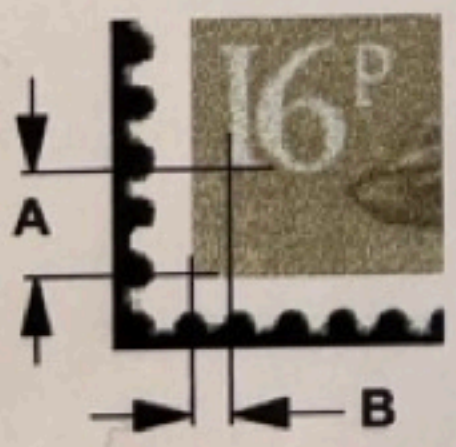
Type 1:
A = 3.1 mm B = 1.8 mm
Type 1a:
A = 3.1 mm B = 1.6 mm



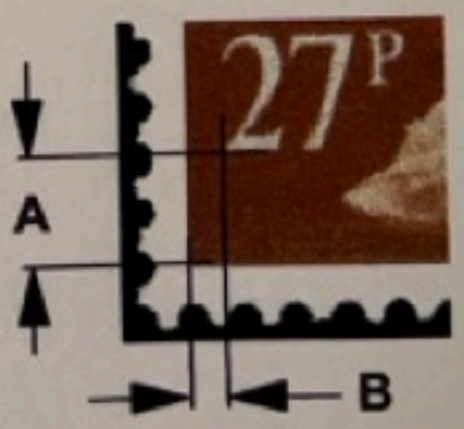
Type 2:
A = 2.9 mm B = 1.4 mm
Type 2a:
A = 3.0 mm B = 1.4 mm
Type 2b:
A = 3.1 mm B = 1.6 mm



Type 1:
A = 3.0 mm B = 1.2 mm
Type 1a:
A = 3.0 mm B = 1.4 mm



Type 1:
A = 2.7 mm B = 1.2 mm
Type 1a:
A = 2.5 mm B = 1.0 mm



Type 1:
A = 3.0 mm B = 1.0 mm
Type 1a:
A = 3.1 mm B = 1.6 mm

ACP / DEX

1p

Head Type B1
No: H.A/D.010.B1.

crimson

01.
Cylinder 12
Value Type 1
1983 experimental coating

02.
Cylinder 12
Value Type 1
1984 final ACP

Head Type B2
No: H.A/D.010.B2.

crimson

01.
Cylinder 14
Value Type 1

01.1.
Cylinder 14
Value Type 1
17 pin variety

02.
Cylinder 15
Value Type 3

03.
Horizontal Coil C2A
Value Type 4

04.
Readers Digest Coil CS14
Value Type 4

05.
Vertical Coil C2B
Value Type 5

deep crimson

06.
Cylinder 17
Value Type 3

07.1.
Booklet Pane DP173
Value Type 5

07.2.
Booklet Pane DP173
Value Type 5*
very thin value due to overinking

ACP / DEX

2p

No: H.A/D.020.

deep green

03.1.
Booklet Pane DP 174
Value Type 4b
straight edge at left

01.
Cylinder 16
Value Type 4

green

02.
Readers Digest Coil CS15
Value Type 4a

03.2.
Booklet Pane DP 174
Value Type 4b
straight edge at right

3p

Head Type B1

No: H.A/D.030.B1.

bright pink

01.
Cylinder 38

Head Type B2

No: H.A/D.030.B2.

bright pink

pink

01.
Booklet Pane DP 65
Value Type 2

02.
Cylinder 43
Value Type 1

03.
Cylinder 46
Value Type 5

03.1.
Cylinder 46
Value Type 5
perforation shift vertical 17 mm

04.
Readers Digest Coil CS16
Value Type 4

05.
Readers Digest Coil CS17
Value Type 4
thin transluscent paper

ACP / DEX

3½p

No: H.A/D.035.

purple - brown

01.

Booklet Pane DP65 "Royal Mail"

4p

No: H.A/D.040.

greenish - blue

01.

Readers Digest Coil CS14 and CS15
Value Type 1

new blue

02.

Cylinder 15
Value Type 4

03.

Readers Digest Coil CS16
Value Type 3

04.

Readers Digest Coil CS17
Value Type 3
thin transluscent paper

05.

Readers Digest Coil CS18
Value Type 3
light new blue

06.

Readers Digest Coil CS19
Value Type 3a
deep new blue

07.

Readers Digest Coil CS20
Value Type 3a
OFPP/DEX

ACP / DEX

5p

No: H.A/D.050.

dull pale brown

01.

Cylinder 10

02.

Readers Digest Coil CS18

03.

Readers Digest Coil CS19

04.

Readers Digest Coil CS20

OFPP/DEX

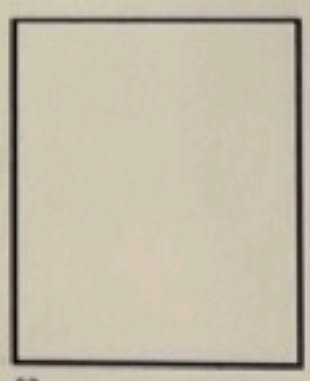
6p

No: H.A/D.060.

olive - yellow

01.

Cylinder 11



02.

Cylinder 11

deper shade of later print

10p

No: H.A/D.100.

orange

01.1.

Cylinder 15 and 18
Value Type 2
light orange

02.1.

blind perforation in centre margin

02.

Cylinder 21
Value Type 5
deep orange

ACP / DEX

15½p
No: H.A/D.155.

olive yellow

01.

Cylinder 3

16p
No: H.A/D.160.

mushroom

01.

Cylinder 2, 3, 4
Value Type 1

01.1.

Cylinder 2
Value Type 1
perforation shift 2 mm vertical

01.2.

Cylinder 2
Value Type 1
imperforate

01.3.

Cylinder 2
Value Type 1
partly imperforate

02.

Booklet Pane DP65 and DP66 „Royal Mint"
Value Type 1

01.4.

Cylinder 3
Value Type 1
17 pin variety

03.

Booklet Pane DP66 „Royal Mint"
Value Type 1a

ACP / DEX

17p

No: H.A/D.170.

slate blue

01.

Cylinder 7
Value Type 2

02.

Cylinder 10, 11, 15
Value Type 2a

02.1.

Cylinder
Value Type 2a
Perforation shift 2 mm vertical and 3 mm horizontal

02.3.

Cylinder 10
Value Type 2a
17 pin variety

02.2.

Cylinder
Value Type 2a
Perforation shift 7 mm vertical

grey slate blue

03.

Cylinder 13
Value Type 2a

dull slate blue

04.

Booklet Pane DP72, 77, 80
Value Type 3

slate blue

05.

Booklet Pane DP86 and 89
Value Type 2a

grey slate blue

03.1.

Cylinder 13
Value Type 2a
imperforate

ACP / DEX

18p

No: H.A/D.180.

olive grey

01.1.

Cylinder 4
Value Type 4
imperforate

01.
Cylinder 4 and 5
Value Type 4

01.2.

Cylinder 4
Value Type 4
17 pin variety

02.
Booklet Pane DP96, P&O
Value Type 4a

olive brown grey

03.
Booklet Pane DP92D and DP92E
Value Type 4

olive brown grey

03.1.
Booklet Pane DP92D and DP92E
Value Type 4

olive black grey

03.2.
Booklet Pane DP92D and DP92E
Value Type 4

04.
Booklet Pane DP102 and DP103
Value Type 4a

05.
Booklet Pane DP102 and DP103
Value Type 4

ACP / DEX

19p

No: H.A/D.190.

orange red

Chambon Press

01.
Cylinder 1, 2, 3
Value Type 1

01.1.
Cylinder 3
Value Type 1
imperforate

01.2.
Cylinder 1
Value Type 1
low OBA

02.
Booklet Pane DP111 and DP112
Value Type 1

02.1.
Booklet Pane DP111 and DP112
Value Type 1
low OBA

03.
Booklet Pane DP111B
Value Type 1a

04.
Booklet Pane DP115 and DP115A
Value Type 1

06.1.1.
Booklet Pane DP111A and DP112B
Value Type 1
straight edge at top

06.1.2.
Value Type 1
straight edge at bottom

05.
Vertical Coil C37
Value Type 1

06.2.1.
Booklet Pane DP111B
Value Type 1
straight edge at top and right

06.2.2.
Value Type 1
straight edge at bottom and right

Jumelle Press

07.1.
Booklet Pane DP112B
Value Type 1a
straight edge at top

07.2.
Booklet Pane DP112B
Value Type 1a
straight edge at bottom

ACP / DEX

20p

No: H.A/D.200.

sea green

01.1.
Cylinder 11and 12

01.2.
blind perforation in centre margin

---

black

02.1.
Cylinder 12

02.2.
Cylinder 12
low OBA

03.
Horizontal Coil C38

04.
Vertical Coil C39

05.
Booklet Pane DP133
straight edge left

06.
Booklet Pane DP133
straight edge right

ACP / DEX

22p

No: H.A/D.220.

dark blue

01.

Cylinder 3
experimental coating

yellow green

02.1.

Cylinder 6
imperforate

yellow green

02.

Cylinder 6 and 10

02.2.

Cylinder 6
partly imperforate

orange red

03.1.

Cylinder 10
imperforate

02.3.

Cylinder 6
17 pin variety

03.

Cylinder 10 and 11

03.2.

Cylinder 10
low OBA

04.

Vertical Coil C40c

23p

No: H.A/D.230.

bright green

01.

Cylinder 6

ACP / DEX

24p

No: H.A/D.240.

violet

01.
Cylinder 1 and 2

01.2.
Cylinder 1
17 pin variety

indian red

02.
Cylinder 2

red brown

03.
Cylinder 1
Value Type 1

03.1.
Cylinder 1
Value Type 1
imperforate

03.2.
Cylinder 1
Value Type 1
low OBA

brown

06.1.

06.2.
Booklet Pane DP174.B1
Value Type 1a
straight edge at left

Value Type 1a
straight edge at right

04.
Booklet Pane DP173
Value Type 1

07.1.

07.2.
Booklet Pane DP174.B1
Value Type 1a
straight edge at left

Value Type 1a
straight edge at right

01.1.
Booklet Pane DP174.B3
Value Type 1
straight edge at left

05
Vertical Coil C41
Value Type 1

01.2.
Booklet Pane DP174.B3
Value Type 1
straight edge at right

ACP / DEX

26p

No: H.A/D.260.

bright red

01.
Cylinder 1 and 2
Value Type 1

red

02.
Booklet Pane DP104
Value Type 3

drab

03.
Cylinder 4
Value Type 3

27p

No: H.A/D.270.

red brown

01.
Cylinder 1
Value Type 1

02.
Booklet Pane DP113
Value Type 1

03.
Booklet Pane DP113A
Value Type 1a
straight edge at top

04.
Booklet Pane DP113AValue
Type 1a
straight edge at bottom

violet

05.
Booklet Pane DP104
Value Type 1

28p

No: H.A/D.280.

grey - violet

01.1.
Cylinder 1

01.2.
17 pin variety

ochre

02.
Cylinder 4

slate blue

03.
Cylinder 4

03.2.
blind perforation in centre margin

29p

No: H.A/D.290.01

reddish - volet

Cylinder 4

30p

No: H.A/D.300.01

grey - green

Cylinder 4

31p

No: H.A/D.310.

purple

01.1.

Cylinder 2

01.2.

Cylinder 2

partly imperforate

01.3.

17 pin variety

ultrmarin

02.

Cylinder 8

32p

No: H.A/D.320.01

greenish - blue

Cylinder 1

ACP / DEX

33p

No: H.A/D.330.

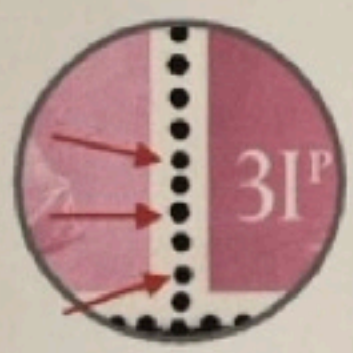
purple

01.1.

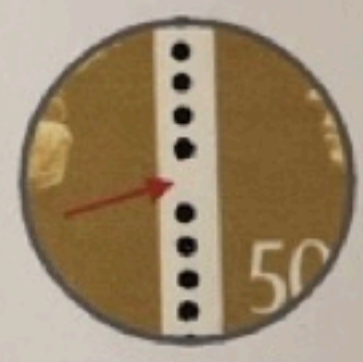
Cylinder 1

01.2.

blind perforation in centre margin



17 pin variety
(Area of Pin Repair)



blind perforation
(Missing Perforation Hole)

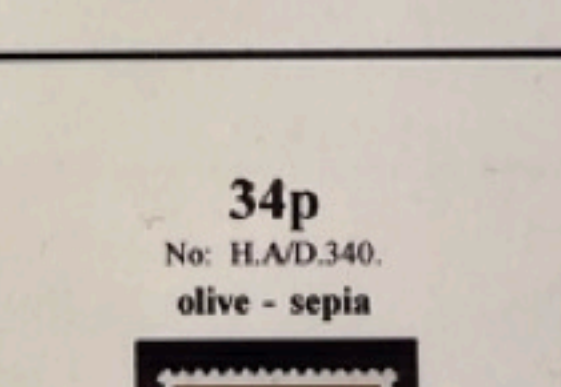
34p

No: H.A/D.340.

olive - sepia

01.1.

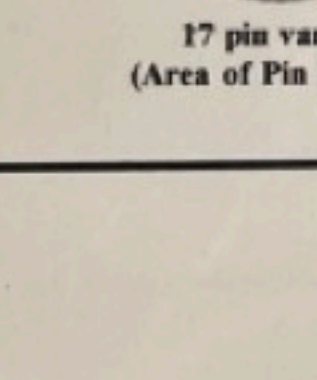
Cylinder 2



01.2.

17 pin variety

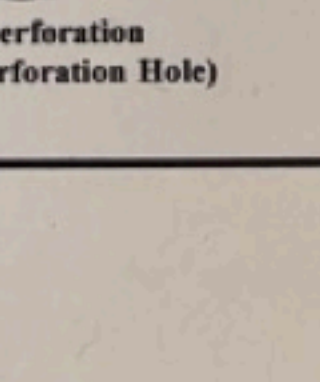
slate blue



02.

Cylinder 2

reddish - violet



03.

Cylinder 2

35p

No: H.A/D.350.

sepia

01.

Cylinder 1

yellow

02.

Cylinder1

02.2.

blind perforation in centre margin

deep yellow

03.

Cylinder 2

37p

No: H.A/D.370.01.

red

Cylinder 2

39p

No: H.A/D.390.01.

bright mauve

Cylinder 2

50p

No: H.A/D.500.

deep yellow ochre

01.1.

Cylinder 36

01.2.

blind perforation in centre margin

ACP / DEX

C514.

1p: - No: H.A/D.010.B2.04.
4p: - No: H.A/D.040.01.

C515.

2p: - No: H.A/D.020..02.
4p: - No: H.A/D.040.01.

DP173.

1p: - No: H.A/D.010.B2.07.
24p: - No: H.A/D.240.04.

C516.

3p: - No: H.A/D.030..04.
4p: - No: H.A/D.040.02.

C517.

3p: - No: H.A/D.030.05.
4p: - No: H.A/D.040.04.

thin paper

ACP / DEX

CS18.

4p - No: H.A/D.040.B2.05.
5p - No: H.A/D.050.02.

DP174. Cylinder B20 B1

2p: - No: H.A/D.020.03.1.
2p: - No: H.A/D.020.03.2.
24p: - No: H.A/D.240.06.1.
24p: - No: H.A/D.240.06.2.

DP174. Cylinder B21 B3

2p: - No: H.A/D.020.03.1.
2p: - No: H.A/D.020.03.2.
24p: - No: H.A/D.240.07.1.
24p: - No: H.A/D.240.07.2.

CS19.

4p - No: H.A/D.040.B2.06.
5p - No: H.A/D.050.03.

ACP / DEX

18p - No: H.A/D.180.04.

DP102

DP103

19p - No: H.A/D.190.02.

DP111

ACP / DEX

19p - No: H.A/D.190.06.1.1. / H.A/D.190.06.1.2.

DP111A

19p - No: H.A/D.190.06.2.1. / H.A/D.190.06.2.2.

DP111B

19p - No: H.A/D.190.02.

DP1112

19p - No: H.A/D.190.02.1.

DP112A

Low OBA

ACP / DEX

19p - No: H.A/D.190.06.1.1./ H.A/D.190.06.1.2.

DP112B

Chambon Printing

19p - No: H.A/D.190.07.1.1./ H.A/D.190.07.1.2.

DP112B

Jumelle Printing

19p - No: H.A/D.190.04.

DP115

DP115A

ACP / DEX

20p - No: H.A/D.200.05.1. / H.A/D.200.05.2.

DP133

27p - No: H.A/D.270.02.

DP113

27p - No: H.A/D.270.03.1. / H.A/D.270.03.2.

DP113A

26p - No: H.A/D.260.02.

DP104

Neugezeichnete Wertziffer

Teil 1: Alter Phosphor

Bei diesen Ausgaben, kommen neben den üblichen Phosphorbandaufdrucken, eine große Anzahl von Aufdruckvariationen vor, wie nachfolgend dargestellt.

Linkes Band
oben kurz

Rechtes Band
oben kurz

Rechtes Band
unten kurz

Beide Bänder
oben kurz

Beide Bänder
unten kurz

Links Band
Rechts Balken

Rechts Band
Links Balken

Linkes Band
oben eingekerbt

Linkes Band
eingerückt

Rückseitiger Sternaufdruck

Über einen kurzen Zeitraum verkaufte die Postverwaltung Marken der zweiten Gebührenklasse mit einem Nachlaß. Zur Kennzeichnung wurden diese Marken rückseitig, auf der Gummierung, mit einem hellblauen Aufdruck versehen.

Type 2

Type 2M

Teil 1

Wertziffern in Originalzeichnung

1980 - 1982

Zähnung 13½ : 14

1981

Q51

PCP / PVA

1980

Q750

FCP / DEX

1980 + 1982

PCP / DEX

Q20

Q50

Q52

1984 - 1986

Zähnung 15 : 14

1984
PCP / DEX

Q21

Q53

1986
ACP / DEX

Q22

Q54

1981

Q751

FCP / PVA
(IPC Papier)

1985

Q752

FCP / DEX

1986

Q753

FCP / PVA
(CPL Papier)

Druck Enschede

FCP / DEX

Phosphorband Mitte

1979

E80

1991

E180

Druck Waddington

1980

FCP PVA

Zwei Phosphorbänder

W200
dunkelviolett/hellviolettbraun

W200a
hellere Tönung

1981

PCP / DEX

W41

W201
dunkelviolett/
hellviolettbraun

1985

W202
dunkelviolett/
dunkelviolettbraun

1986

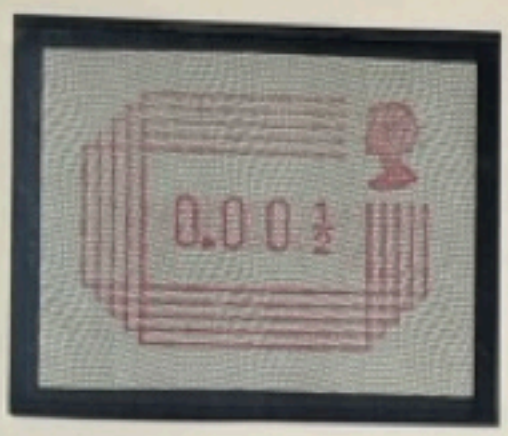
ACP / DEX

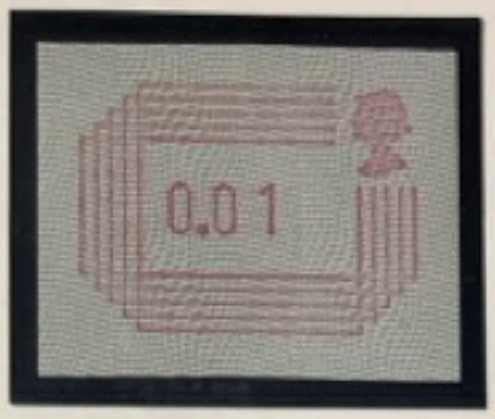
W42

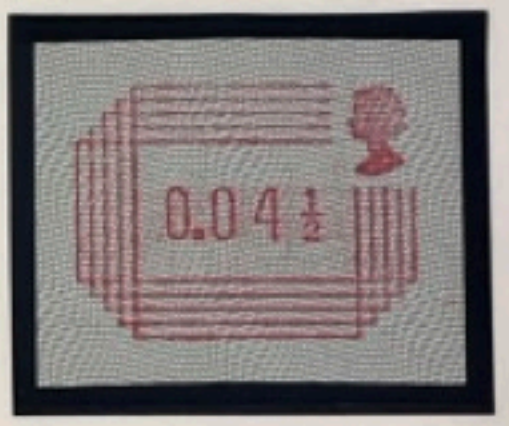
W203

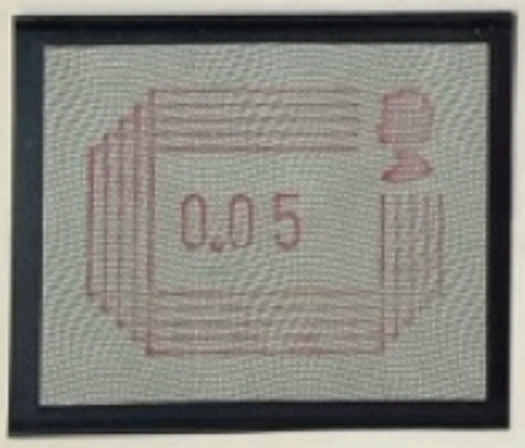
1984

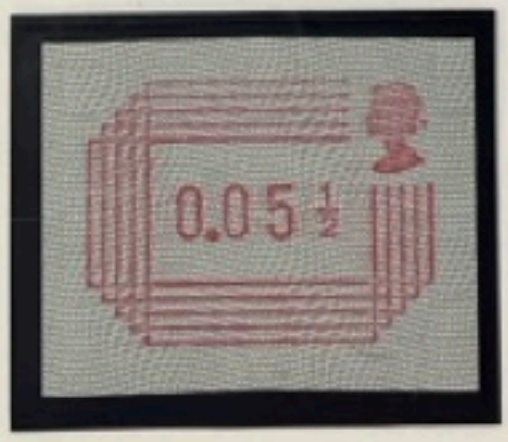
Automatenmarken

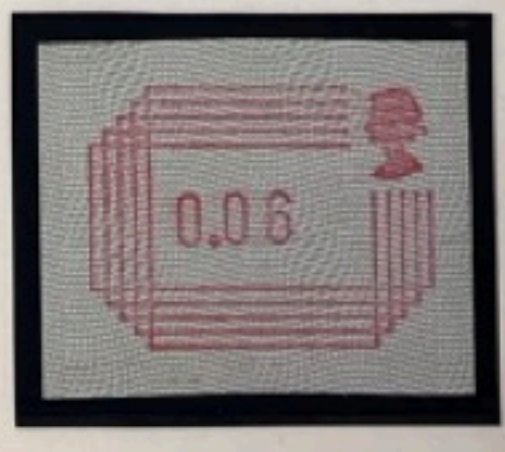


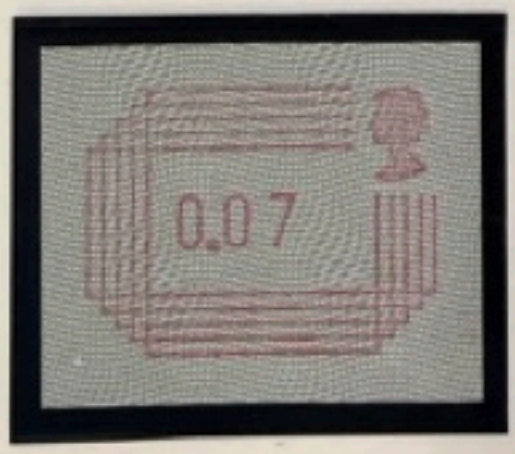






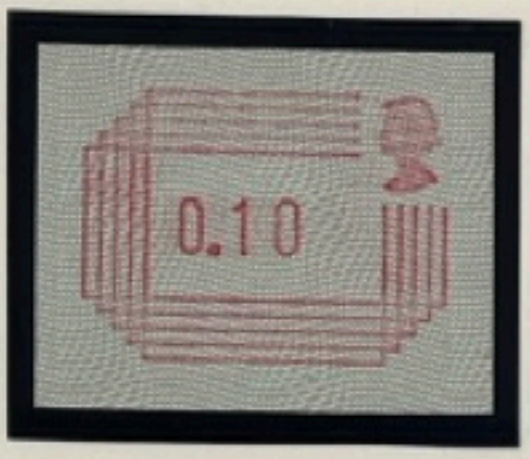


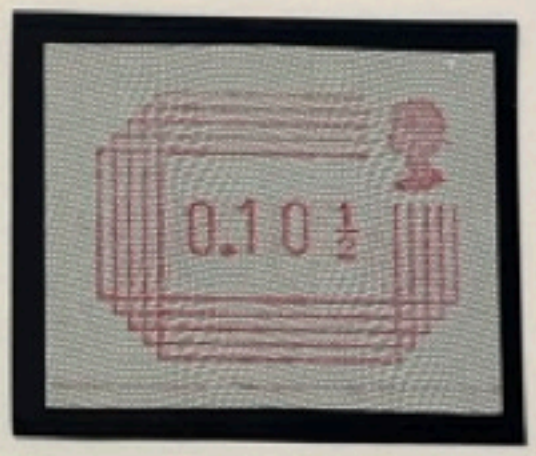


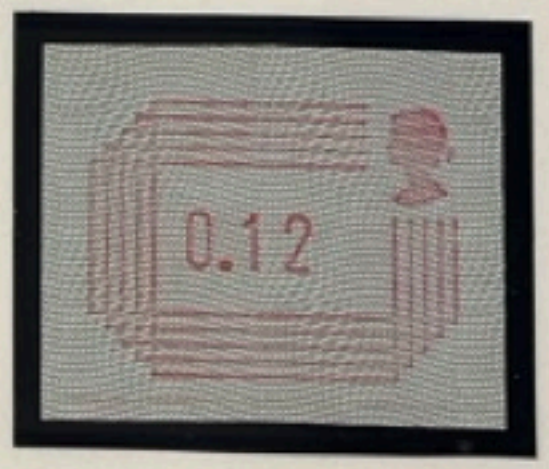


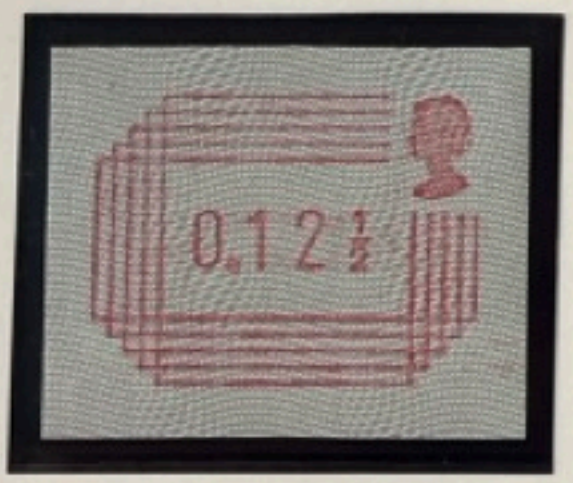
1984

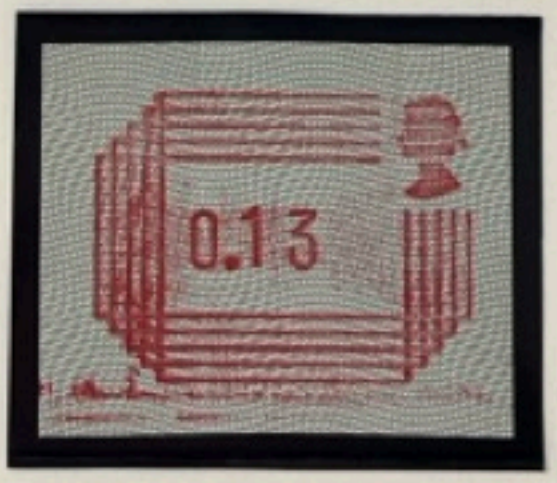
Automatenmarken

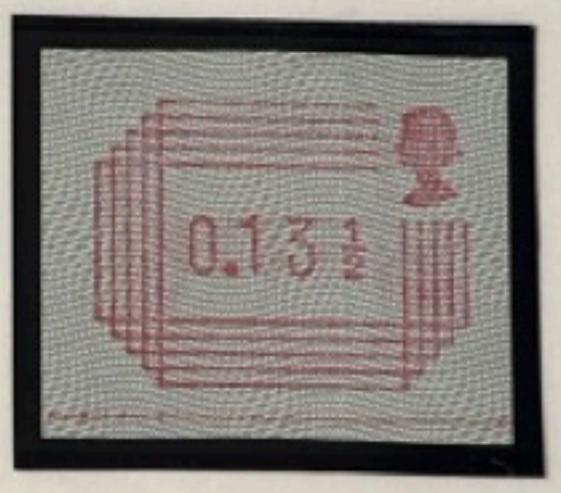


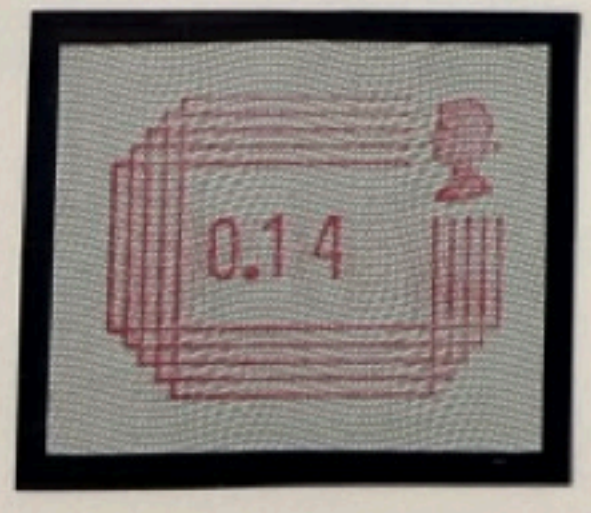


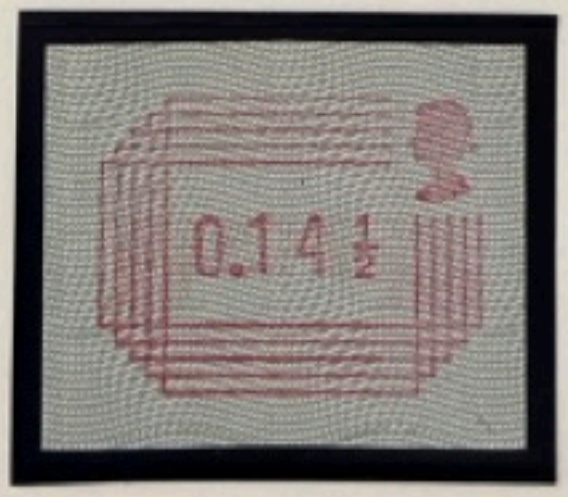






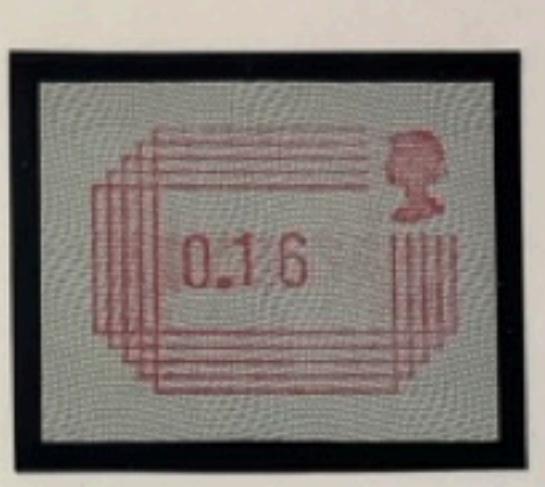


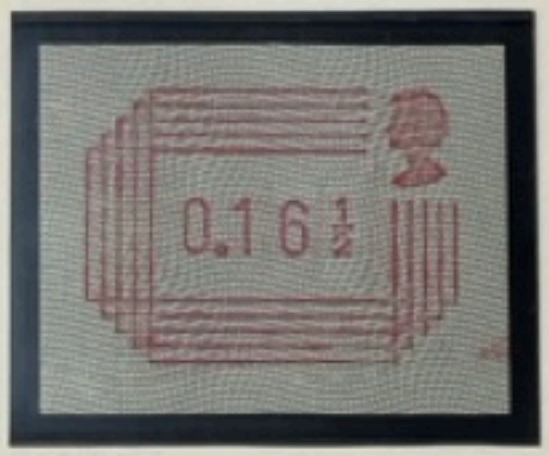




1984

Automatenmarken





Kasettenmarke

Lebhaftroter Aufdruck auf phosphorbeschichtetem Papier mit Sicherheitsunterdruck in graugrün. Die Marke ist selbstklebend.

Für den Versand von Tonbandkasetten wurden von der Post vorgefertigte, wattierte Briefumschlägen ausgegeben, die mit dieser speziellen Gebührenmarke frankiert waren.

Schulungsmarken

Die Marken sind von der Postverwaltung entwertet und werden für die Schulung von Postbeamten verwendet.

1972

Blätter aus dem £1 Markenheft
"Story of Wedgwood"
"Die Geschichte von Wedgwood"

Some facts about Wedgwood

Josiah Wedgwood was an enthusiastic supporter of the American War of Independence. In 1778 he wrote in a letter to his partner Bentley that he 'blessed his stars and Lord North that America is free'.

The abolition of slavery was another cause which received the active support of Josiah Wedgwood. In 1787 he produced a cameo depicting a slave kneeling in chains with the inscription 'Am I not a man and a brother?' Thousands of these were freely distributed.

Josiah Wedgwood's eldest daughter, Susannah, was the mother of Charles Darwin, the biologist and author of *The Origin of Species*.

Josiah Wedgwood's eldest son John was a founder of the Royal Horticultural Society. His youngest son Thomas became famous as one of the pioneers of photography.

DP 17

Some facts about Wedgwood

A first edition copy of the Portland Vase made in the late eighteenth century realised £20,000 at Sotheby's on 30th November 1971 – a world record auction price for an English ceramic.

Josiah Wedgwood paid the third Duke of Portland £100, a handsome hiring fee in those days, for the loan of the Barberini (or Portland) vase in order to model his famous Jasper reproductions.

Josiah Wedgwood equipped dairies with his ceramic products – from the tiling for the walls to settling pans for the cream.

In 1784 Wedgwood made a Jasper chess set. Flaxman the artist used Sarah Siddons as his model for the Queen.

It is recorded that Catherine the Great paid just over £2,700 for her 952-piece Wedgwood dinner and dessert service.

DP 18

1972

Blätter aus dem £1 Markenheft
"Story of Wedgwood"
"Die Geschichte von Wedgwood"

Some facts about Wedgwood

A monument to Josiah Wedgwood, executed by the famous artist, John Flaxman, is in Stoke Parish Church. The inscription states he: 'converted a rude and inconsiderable Manufactory into an elegant Art and an important part of the National Commerce.'

The foundation of Sydney was marked by the issue, in 1789, of the Sydney Cove medallion. This included some Australian clay brought back from Botany Bay by Captain James Cook in the *Endeavour*.

Early Jasper vases were often made in sets, to form a *garniture de cheminée*. Such vases were particularly admired by late 19th century collectors, many of whom left their collections to museums.

Canals interested Josiah Wedgwood, and he was a pioneer in promoting this form of transport in England.

DP 19

Inland letter rates (and to the Irish Republic and Channel Islands)

Not over	First class	Second class
2oz	3p	2½p
4oz	4p	3½p
6oz	6p	5½p
8oz	8p	6½p
10oz	10p	7½p
12oz	13p	8½p

Not over	First class	Second class
14oz	15p	9½p
1lb 0oz	17p	11½p
1lb 8oz	24p	13½p (max)
2lb 0oz	34p	
Each additional 1lb	17p	

Overseas rates: Air

Europe: for letters and postcards surface rates apply.

Outside Europe
Zone A: N. Africa, Israel, Lebanon and neighbouring countries.
Zone B: Americas, most of Africa, India and neighbouring countries, S.E. Asia.
Zone C: China, Japan, Australasia.

	Zone A	Zone B	Zone C
Letters (per ½oz)	5p	7½p	9p
Printed papers (per ½oz)	3p	4p	5p
Postcards	3p	4p	5p
Letter forms	5p: 6½p	5p: 6½p	5p: 6½p

Overseas rates: Surface

Foreign includes Europe except Cyprus, Gibraltar and Malta.

Weight step	Letters		Printed papers	
	Foreign	Commonwealth	Ordinary	Reduced
up to 1oz	5p	3p	3p	1½p
1–2oz	9p	5p	4p	2p
2–4oz	12p	7½p	5p	2½p
4–8oz	30p	10p	8p	4p
8oz–1lb	50p	20p	15p	8p
1–2lb	80p	35p	25p	15p
2–4lb	130p	70p	40p	25p

Postcards to all countries: 3p.

For full details see leaflet or P.O. Guide at any Post Office. These rates apply at time of printing.

Edition date: May 1972.

Advertisement Contractors: Canonsreach Ltd. TEL 01-437-6542

DP 20

Blätter aus dem £3 Markenheft
"Story of Wedgwood"
"Die Geschichte von Wedgwood"

Life was hard and child mortality high. Josiah was nearly twelve when he awoke one day giddy and much disordered covered with an excessive number of spots. It was a virulent attack of smallpox and he was lucky to survive it, but it left him with a severe infection in the right knee. This returned as he grew older, hampering his progress greatly. With an emerging tenacity and strength of will he persevered, finally completing his apprenticeship in 1749, only to receive a further blow. His brother Thomas refused to accept him as a partner.

Partnership with Thomas Whieldon

Josiah, never long daunted, went into partnership with Thomas Alders and John Harrison, a local tradesman and the son of a banker, who had acquired an interest in a pottery works. Two years later, in 1754, he entered into a partnership with Thomas Whieldon of Fenton, a potter of high repute and with a good business. The two men had a similar outlook with strong inclinations towards experiment and improvement, and Josiah was free to carry out various researches. Excavations at Fenton Vivian have since revealed many examples

DP 40

cream-coloured earthenware which pleased her so much that Josiah Wedgwood was granted permission to style himself 'Potter to Her Majesty' and call his creamware 'Queen's Ware'.

Dinner service for Catherine the Great

A few years later the Empress Catherine the Great of Russia ordered a dinner service in Queen's Ware for some two dozen people, decorated in maroon flowers, which was eclipsed in 1774 by the completion of another order placed by the Empress for a huge combined dinner and dessert service for fifty people and which consisted of 952 hand-painted pieces of gardens and English scenery. Today this is kept in the Hermitage Museum, Leningrad where some eighty pieces are on display.

Meanwhile Josiah's personal life had undergone a big ordeal. In 1768 he suffered a severe attack of inflammation on the knee left weak by smallpox. The attack was so serious that amputation was essential. Josiah recovered rapidly, thanks to the care of his wife Sarah, his third cousin whom he had married in 1764. Josiah equipped himself with a wooden leg made by a Mr Addison of Long Acre.

DP 41

Blätter aus dem £3 Markenheft "Story of Wedgwood"

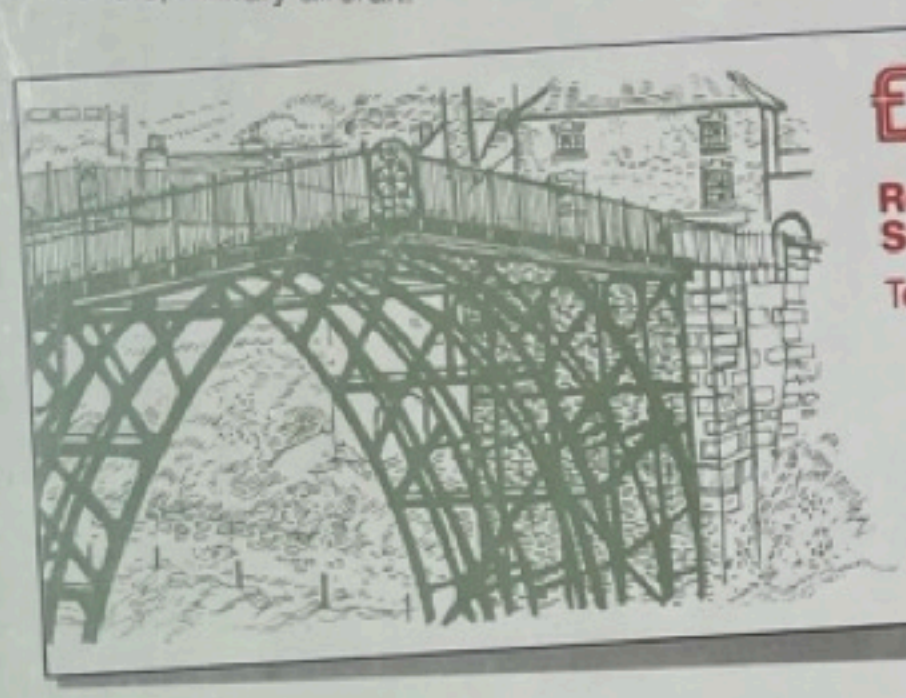
"Die Geschichte von Wedgwood"

Stamp books

The Post Office provides stamp books featuring different cover designs, six to a series, on a regular basis.

50p stamp books are available from stamp vending machines and at philatelic counters. The present series of covers feature veteran cars.

Stamp books, each containing ten stamps at first class and second class rates, are available at ordinary counters. At the moment the first class covers feature industrial archaeology and the second class covers, military aircraft.



£1

Royal Mail Stamps

Ten at 10p

DP 42

Postal rates

Inland Letters and Cards

United Kingdom, Channel Islands, Isle of Man and Irish Republic.

	60g	100g	150g	200g
1st class	12p	17p	22p	27p
2nd class	10p	13½p	16½p	21p

Overseas Letters

Air	10g	Each extra 10g
Zone A	14p	9p
Zone B	15p	11p
Zone C	17½p	11½p

Europe. Surface rates apply.

Surface	20g	50g
All countries	13½p	25p

Overseas Postcards

Air

Europe 10½p
Zone A 13p
Zone B 14p
Zone C 15p

Surface All countries 10½p

The rates shown here were correct at the time of going to press in January 1980.

Zone A
N. Africa
Middle East

Zone B
Americas
Africa
India
S.E. Asia

Zone C
Australasia
Japan
China

Please use the postcode

DP 43

1982

Blätter aus dem £4 Markenheft "Story of Stanley Gibbons"

"Die Geschichte Stanley Gibbons"

The Penny Black, bearing a portrait of Queen Victoria based on the commemorative City Medals of 1837, was the world's first postage stamp. It became valid for postage on 6 May 1840, while the Twopence Blue in the same design was issued on 8 May.

The corner letters served to identify the location of every stamp on the plate, or printed sheet, of 240 stamps. An additional safeguard was the inclusion of a special 'Crown' watermark in the handmade paper on which the stamps were printed.

Perkins Bacon had printed more than 68 million Penny blacks before they were replaced by Penny Reds in 1841.

DP 55

One of the most daring and remarkable postal frauds ever known was the wholesale forgery of the British Queen Victoria 1 shilling green of 1867. A clerk in the Stock Exchange Post Office 'passed' the forged stamps, but his identity was never traced as the impossible combination of corner letters was only discovered 26 years later by a philatelist, Charles Nissen.

A unique error of printing – the word 'TANGIER' omitted – was discovered in Gibbons' purchase of the GB stamps overprinted for the Morocco Agencies, marking the centenary of the British Post Office in Tangier, in 1957. It occurred on just one stamp, when a piece of the margin was inadvertently folded over during overprinting.

DP 56

1982

Blätter aus dem £4 Markenheft
"Story of Stanley Gibbons"
"Die Geschichte Stanley Gibbons"

DESIGN QUALITY of BRITISH STAMPS

Stamp design is a key to the enjoyment of collecting. British stamps have always retained two key features – the inclusion in all designs of the sovereign's portrait and the omission of the country name. Two examples which typify the renowned excellence of British stamp design are the 'Machin Head' of Elizabeth II, which signified a return to the classic simplicity and dignity of the first stamps of Queen Victoria's reign, and what is generally regarded as Britain's most handsome stamp: the Postal Union Congress £1 value of 1929, depicting St George and the Dragon.

DP 57

POSTAL RATES

Inland Letters and Cards
United Kingdom, Channel Islands, Isle of Man and Irish Republic

	60g	100g	150g	200g
1st class	*15½p*	*22p*	*28½p*	*35p*
2nd class	*12½p*	*16½p*	*20½p*	*26p*

Overseas Air
Europe *Surface rates apply*
Zone A North Africa Middle East
Zone B Americas Africa India South-East Asia
Zone C Australasia Japan China

Letters	10g	Each extra 10g
Zone A	*24p*	*11p*
Zone B	*26p*	*14p*
Zone C	*29p*	*15p*
Postcards	*24p*	
Air letter forms	*24p*	

Overseas Surface

	20g	60g	100g
All countries Letters and Postcards	*19½p*	*33p*	*47p*

Please use the postcode
The rates shown here are effective from February 1982.

DP 58

1983

Blätter aus dem £4 Markenheft
"Story of the Royal Mint"
"Die Geschichte der königlichen Münzanstalt"

The Royal Mint and America

Although some British coin found its way across the Atlantic, only one special coinage was undertaken by the Royal Mint for the American colonies during the eighteenth century. This was an issue of copper halfpennies for the Colony of Virginia in 1773, shortly before the outbreak of the War of Independence. The coin shows on the obverse the portrait of King George III, who was Monarch at the time. On the reverse appears the Arms of Virginia together with the name of the Colony and the date.

An original punch and matrix

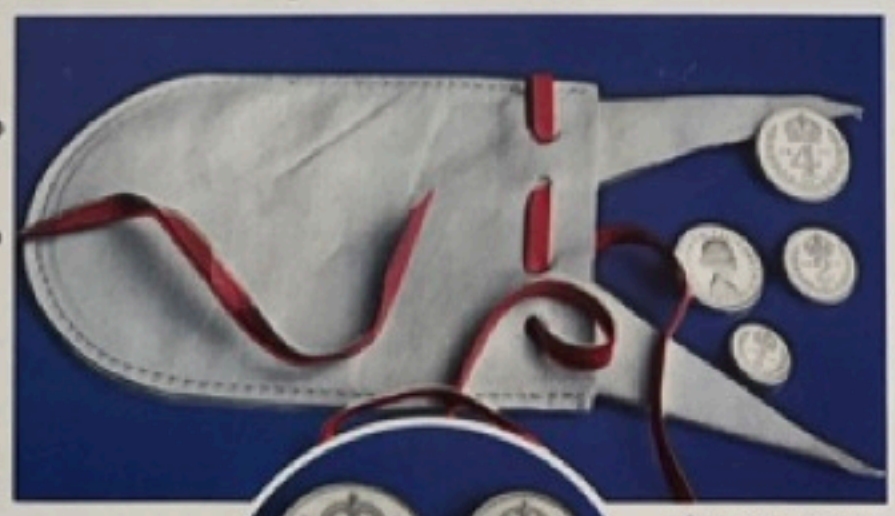
DP 63

Maundy Money

Each year the Royal Mint strikes small silver 4p, 3p, 2p and 1p pieces for the Royal Maundy. The 1p is the smallest coin made by the Royal Mint.

The purses containing the coins are distributed by The Queen on Maundy Thursday to as many elderly men and as many elderly women as there are years in her age.

The Ceremony is based on Our Lord's act of humility when, after the Last Supper he washed the feet of His Disciples. The striking of special coins for the ceremony continues a tradition which began more than 300 years ago; and Maundy Money is eagerly sought by collectors throughout the world.



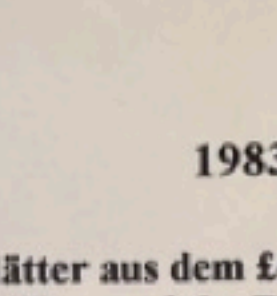
DP 64

1983

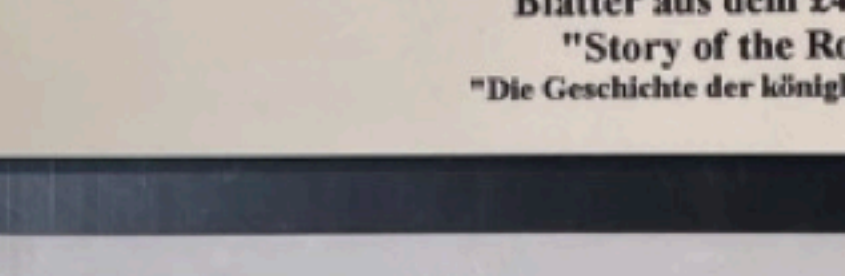
Blätter aus dem £4 Markenheft
"Story of the Royal Mint"
"Die Geschichte der königlichen Münzanstalt"

The Crown

The crown piece is particularly popular with collectors. Although no longer used in daily circulation, six issues have been made during the reign of Her Majesy Queen Elizabeth II to commemorate important national events.



The Royal Mint also strikes many commemorative crowns for overseas countries, such as the Falkland Islands, Jamaica and Tonga. For the Royal Marriage in 1981 crowns were struck for about twenty different countries.



Some of the more recent crowns issued since 1953.

Designed by Barrie James RSA Associate Limited. Printed in England by Harrison & Sons (High Wycombe) Limited

DP 65

Medals

Virtually all medals, decorations and gallantry awards are produced by the Royal Mint. They have recently included the South Atlantic Medal for those taking part in the Falkland Islands campaign.

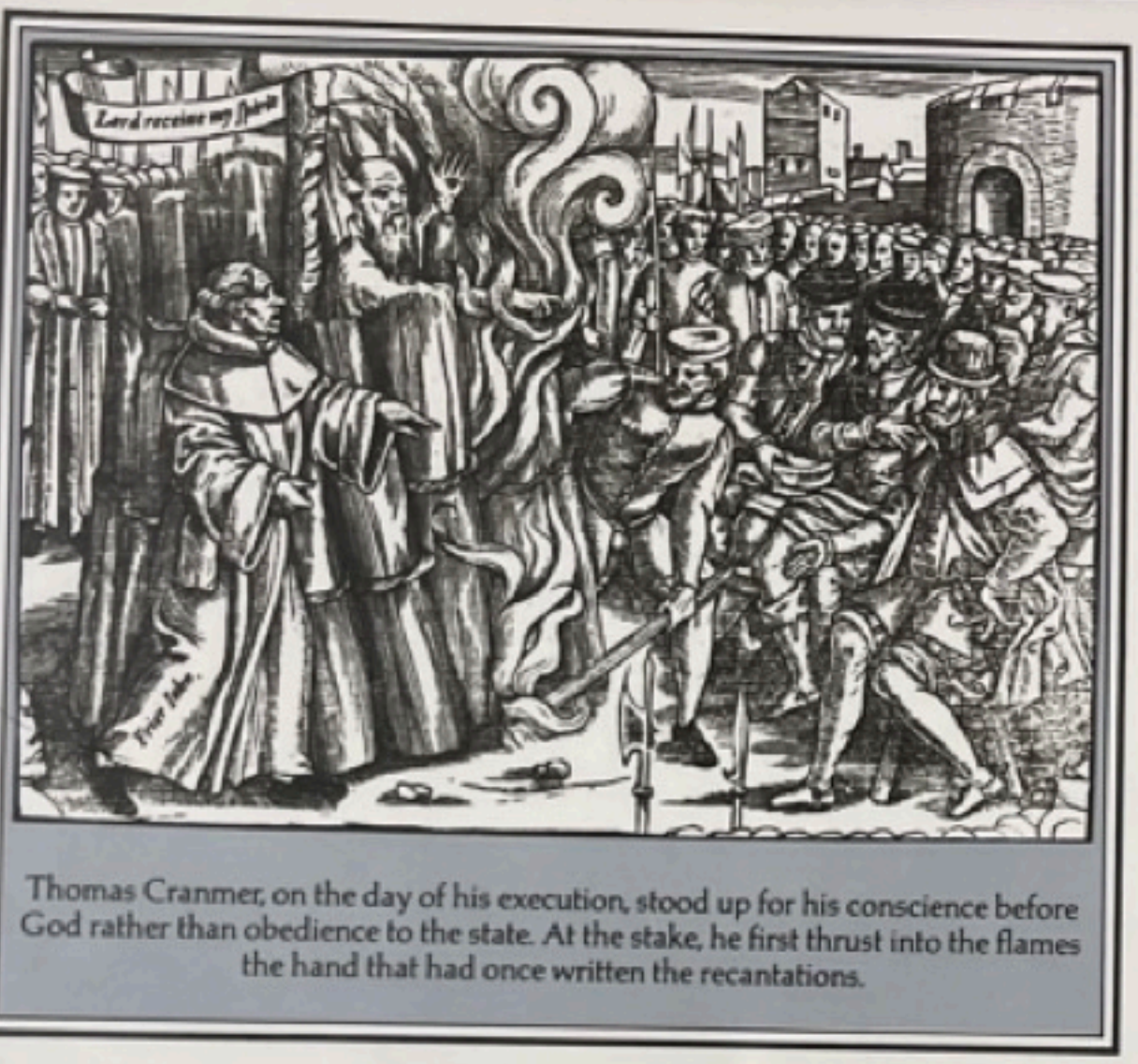
Medals are still made largely by hand. To produce a campaign medal requires no fewer than forty-two different operations, demanding high standards of care and craftsmanship.

Among the medals and decorations made by the Royal Mint are many which are awarded in the Queen's Birthday and New Year's Honours Lists.

DP 66

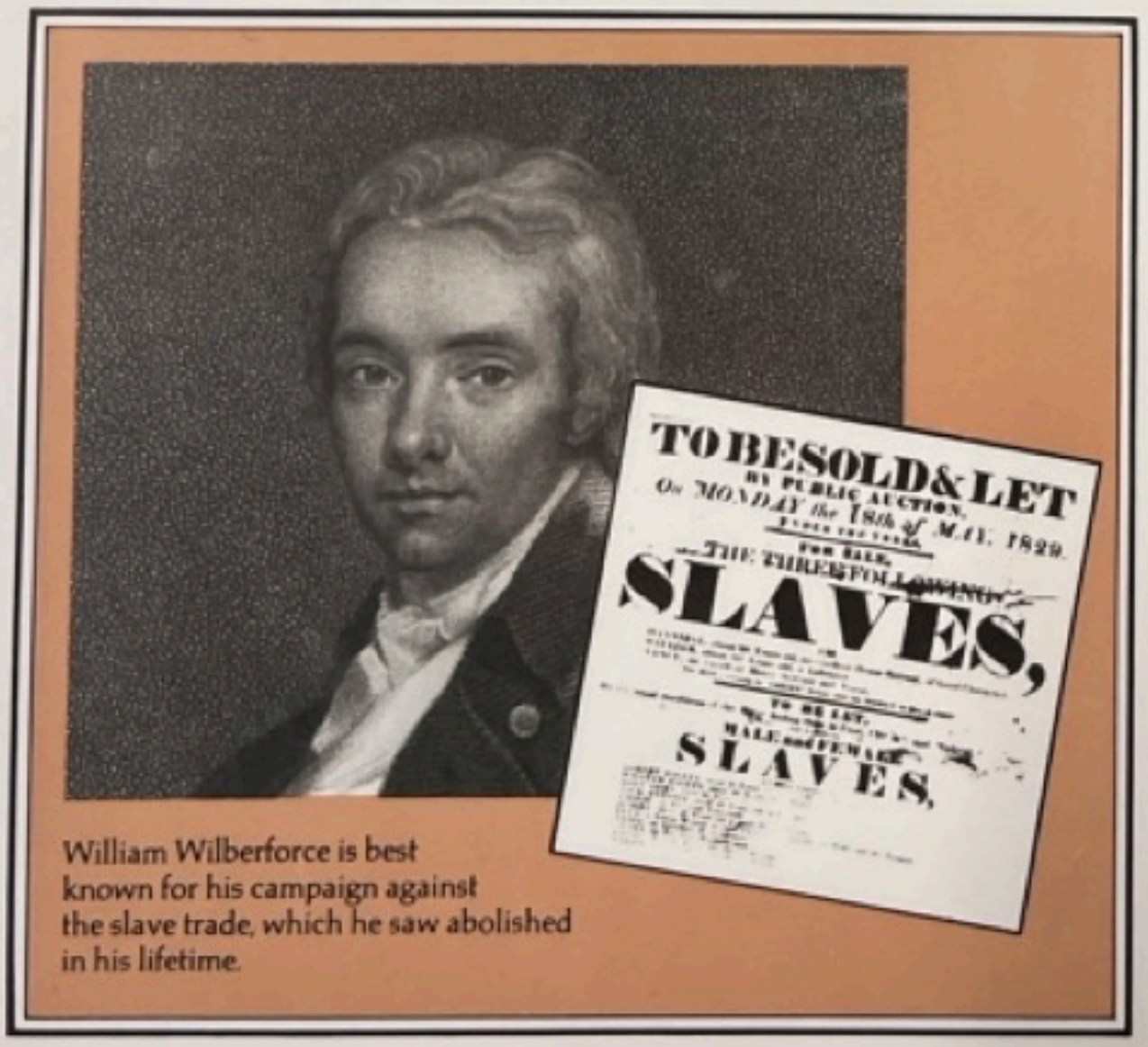
1984

Blätter aus dem £4 Markenheft
"Story of our Christian Heritage"
"Die Geschichte des christlichen Werdeganges"



Thomas Cranmer, on the day of his execution, stood up for his conscience before God rather than obedience to the state. At the stake, he first thrust into the flames the hand that had once written the recantations.

DP 72



William Wilberforce is best known for his campaign against the slave trade, which he saw abolished in his lifetime.

DP 73

1984

Blätter aus dem £4 Markenheft
"Story of our Christian Heritage"
"Die Geschichte des christlichen Werdeganges"

The Shaftesbury Memorial in Piccadilly Circus, London, (popularly known as *Eros*), was erected in 1893 in honour of Anthony Ashley Cooper, Seventh Earl of Shaftesbury. He was one of the great social reformers of the nineteenth century, 'honouring God by serving his fellow men.'

DP 74

Lillian Baylis, one of the outstanding women of the twentieth century, turned a dingy temperance hall into the Old Vic, 'the home of Shakespeare.'

DP 75

1985

Blätter aus dem £5 Markenheft
"Story of the Times"
"Die Geschichte der Times"

THE FOUNDING FATHERS

John Walter II was the founding father of the role of the press as a fourth estate of the realm. His great editor was the young Thomas Barnes. The Lord Chancellor said: 'Barnes is the most powerful man in the country'

The stamp duty was levied on papers until 1855. Tax stamps on The Times 1785–1815

DP 77

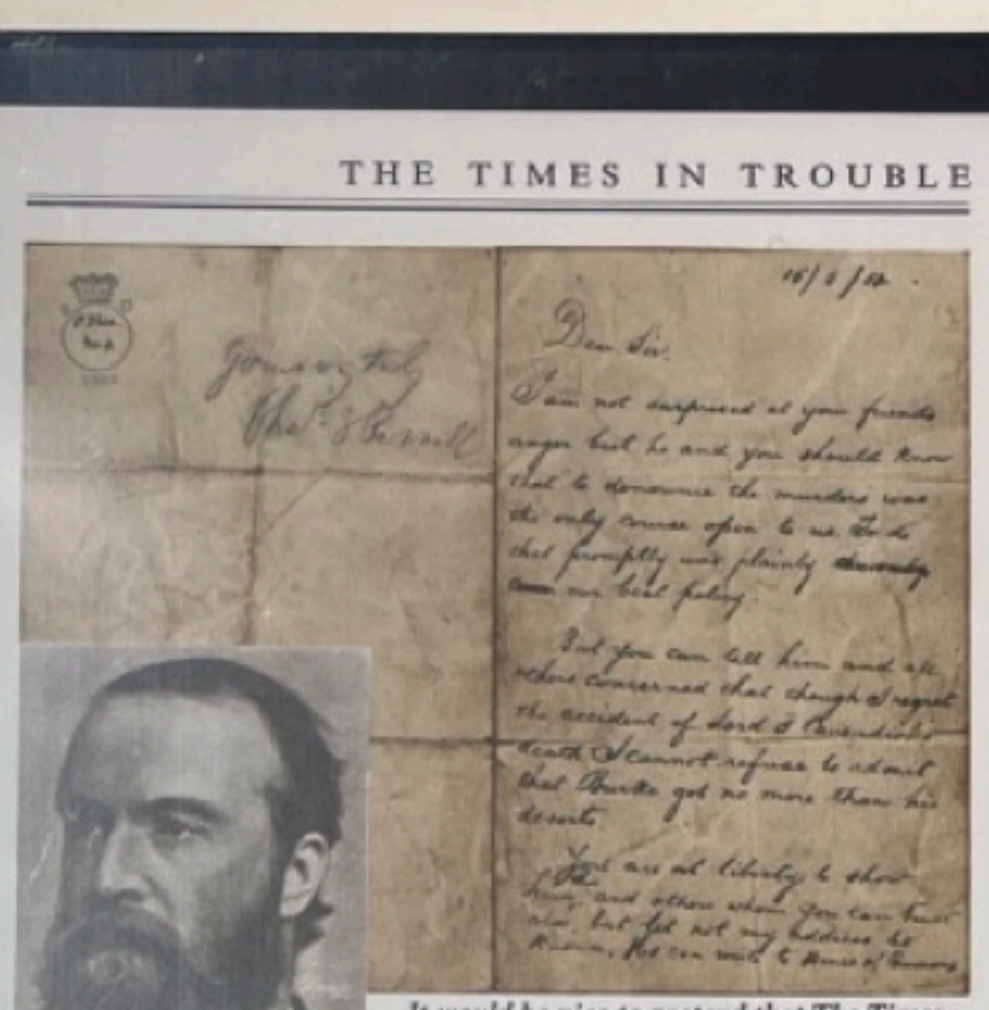
GET THE NEWS THROUGH

In 1870 during the Franco-Prussian War, the Siege of Paris cut communications for The Times. Above: dispatches and personal advertisements for the Agony Column were flown out by balloon. Below: microscopically reduced messages were carried in and out by pigeon, and magnified by electric light

DP 78

1985

Blätter aus dem £5 Markenheft
"Story of the Times"
"Die Geschichte der Times"



It would be nice to pretend that The Times was infallible. But it would not be true. Its support for a policy of appeasement gave Hitler time to shake the world. It backed the South in the American Civil War. And in 1886 it published letters that implicated Charles Stewart Parnell in murders committed by Irish terrorists. The letters were crude forgeries. The subsequent litigation and Special Commission almost ruined The Times

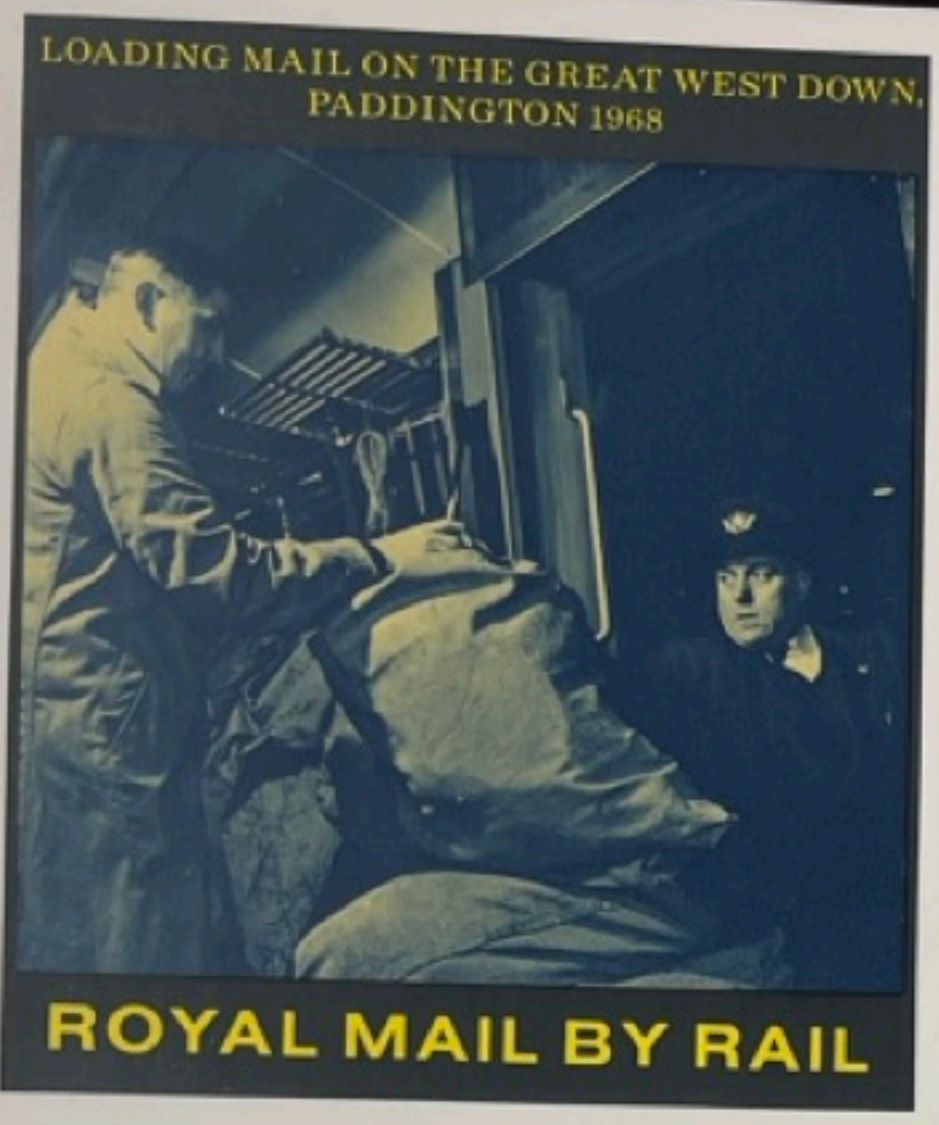
DP 79

Postage stamps printed on The Times 1855–70. Postage stamps machined on the right side of The Times 1 October 1870 and 3 November 1911

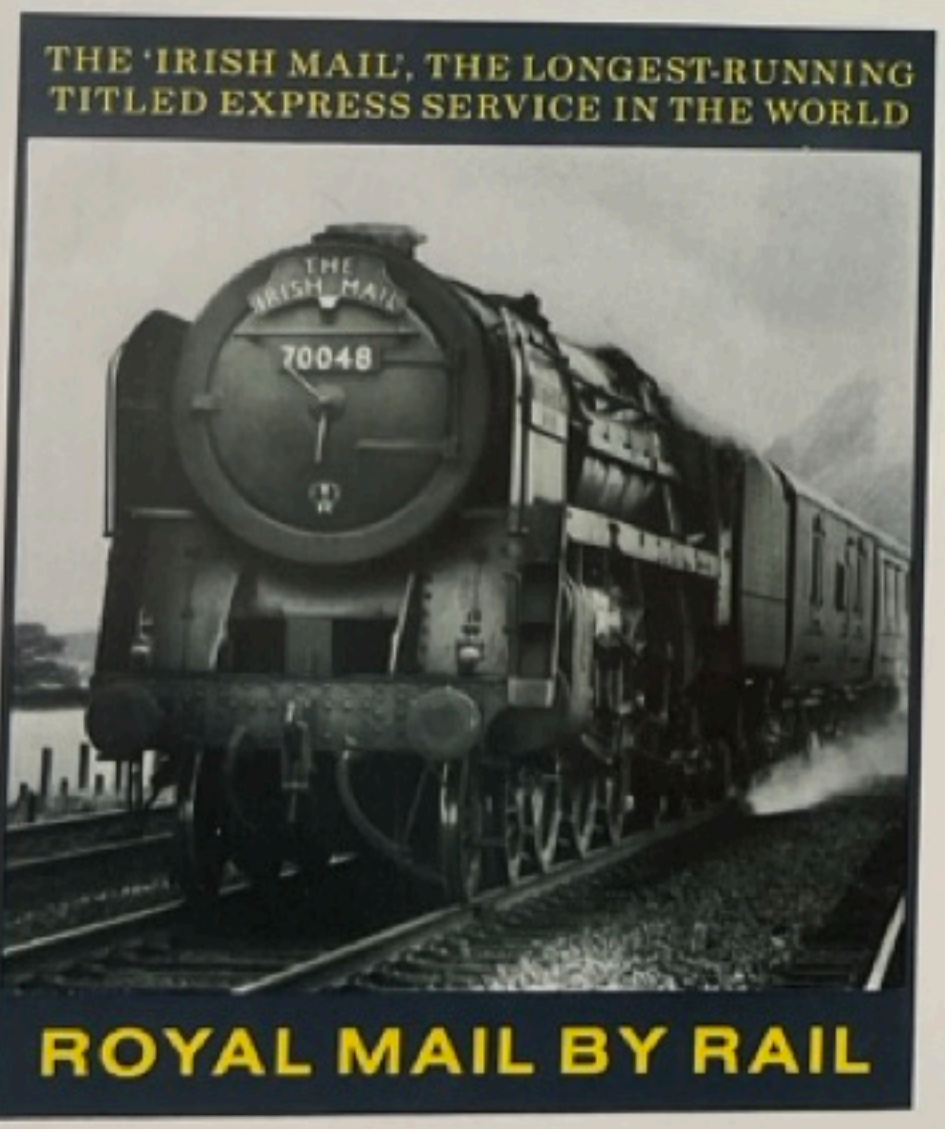
On 3 May 1966 The Times astonished the world by putting news on its front page in place of its celebrated Agony Column. The choice of scoop for the splash about Nato was unfulfilled

DP 80

1986
Blätter aus dem £5 Markenheft "Story of British Rail"
"Die Geschichte der britischen Eisenbahn"



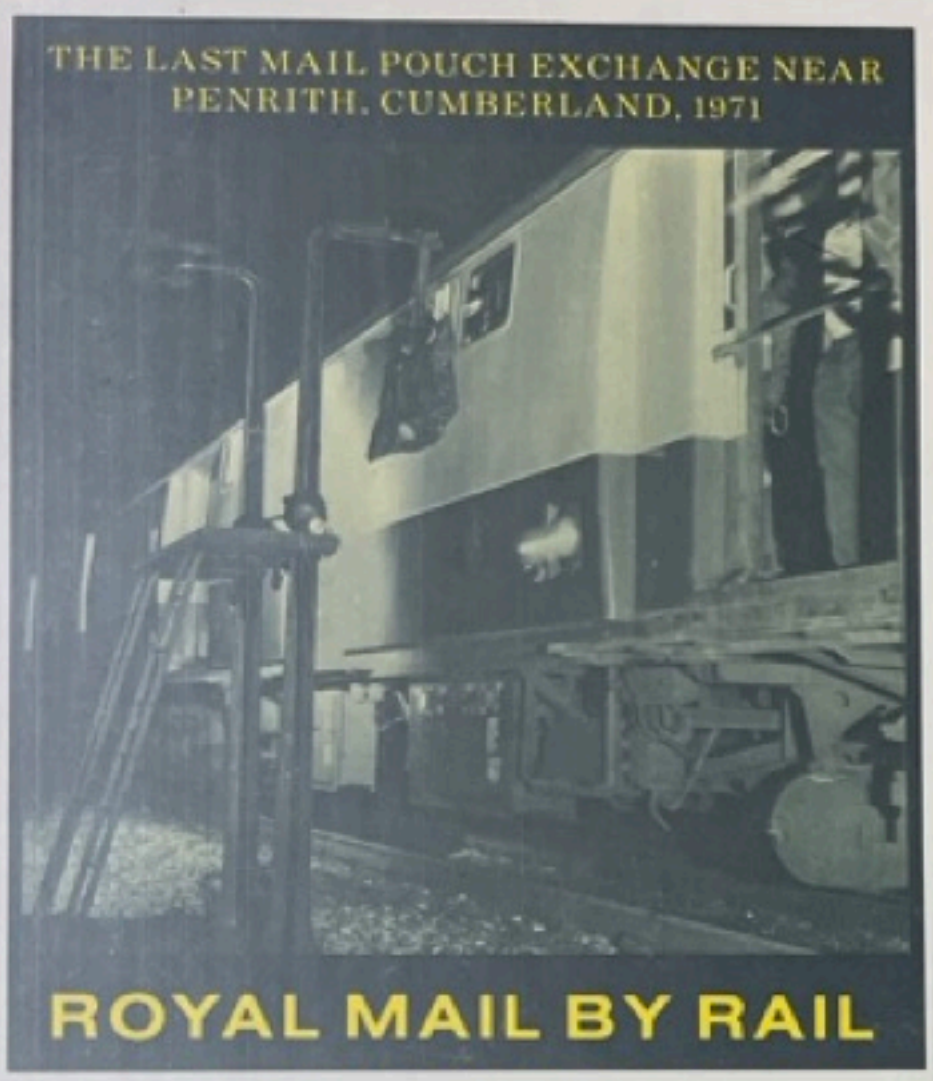
DP 86



DP 87

1986

Blätter aus dem £5 Markenheft
"Story of British Rail"
"Die Geschichte der britischen Eisenbahn"



DP 88

DP 89

1987

Blätter aus dem £5 Markenheft
"Story of P & O"
"Die Geschichte der Schiffahrtsgesellschaft P & O"

P&O's Royal Charter of Incorporation, granted on 31st December 1840, is still the basis of the company's legal existence

DP 96

P&O not only carried mail between countries, it did its best to deliver it to its own passengers!

DP 97

1987

Blätter aus dem £5 Markenheft

"Story of P & O"

"Die Geschichte der Schiffahrtsgesellschaft P & O"

An 1872 engraving showing mail bags being brought on board a mail steamship at Brindisi

DP 98

A poster of 1937 showing mail steamship routes many of which were sailed by P&O

DP 99

1988

Blätter aus dem £5 Markenheft
"Story of the Financial Times"
"Die Geschichte der Financial Times"

FT promotional booklet
and cartoon from the 1920s.

DP 105

DP 106

1988

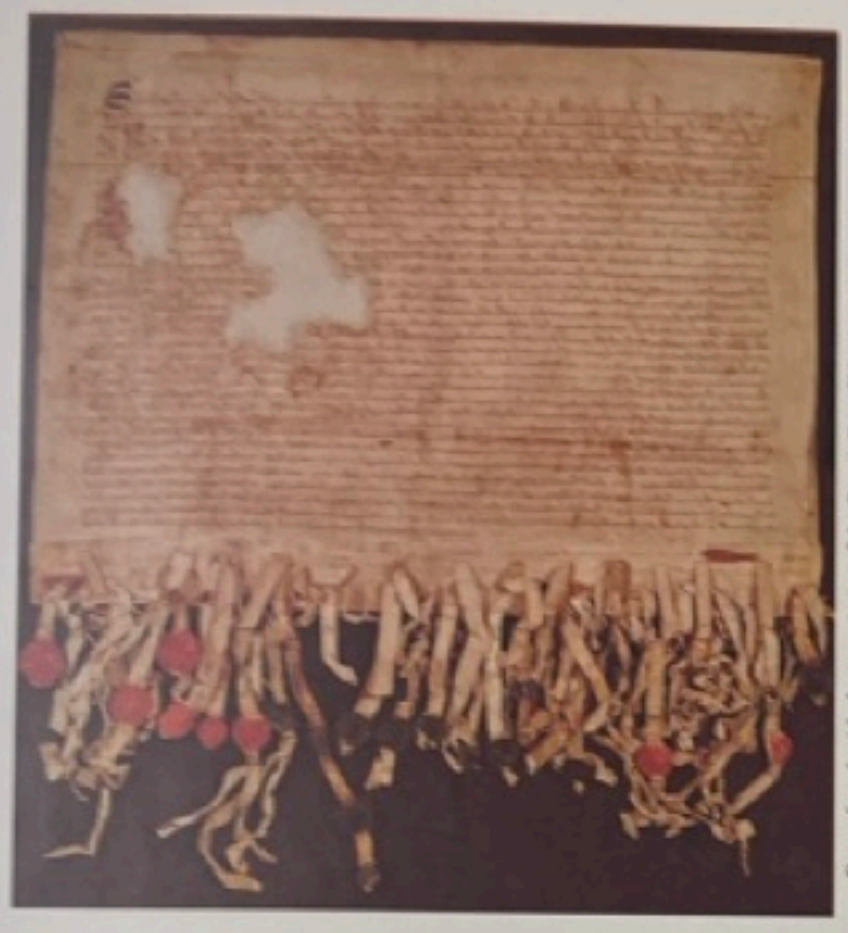
Blätter aus dem £5 Markenheft
"Story of the Financial Times"
"Die Geschichte der Financial Times"

DP 107

DP 108

1989

Blätter aus dem £5 Markenheft
"The Scots Connection"
"Die Verwandtschaft mit Schottland"



The Declaration of Arbroath signed by the nobles and clergy of Scotland in 1320 requested that Pope John XXII recognise Scotland as an independent nation.

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DP 121

The Last of the Clan, *Thomas Faed, 1865.*

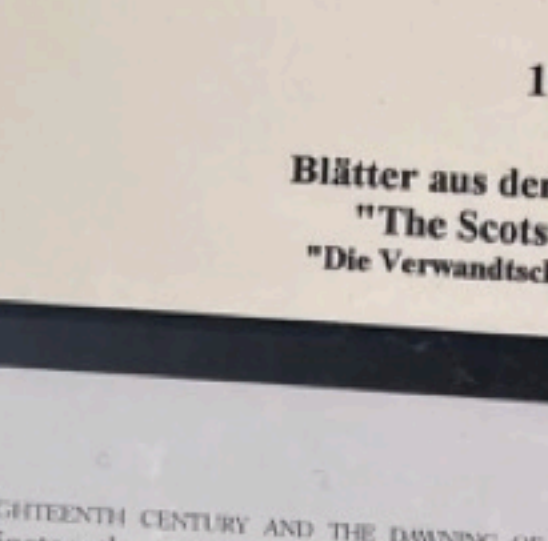
DP 122

1989

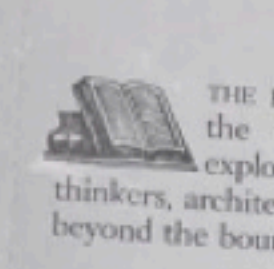
Blätter aus dem £5 Markenheft
"The Scots Connection"
"Die Verwandtschaft mit Schottland"

THE EIGHTEENTH CENTURY AND THE DAWNING OF the nineteenth century witnessed a great explosion of art and enlightenment. Artists, thinkers, architects and writers spread their influence far beyond the boundaries of Scotland.

38



40



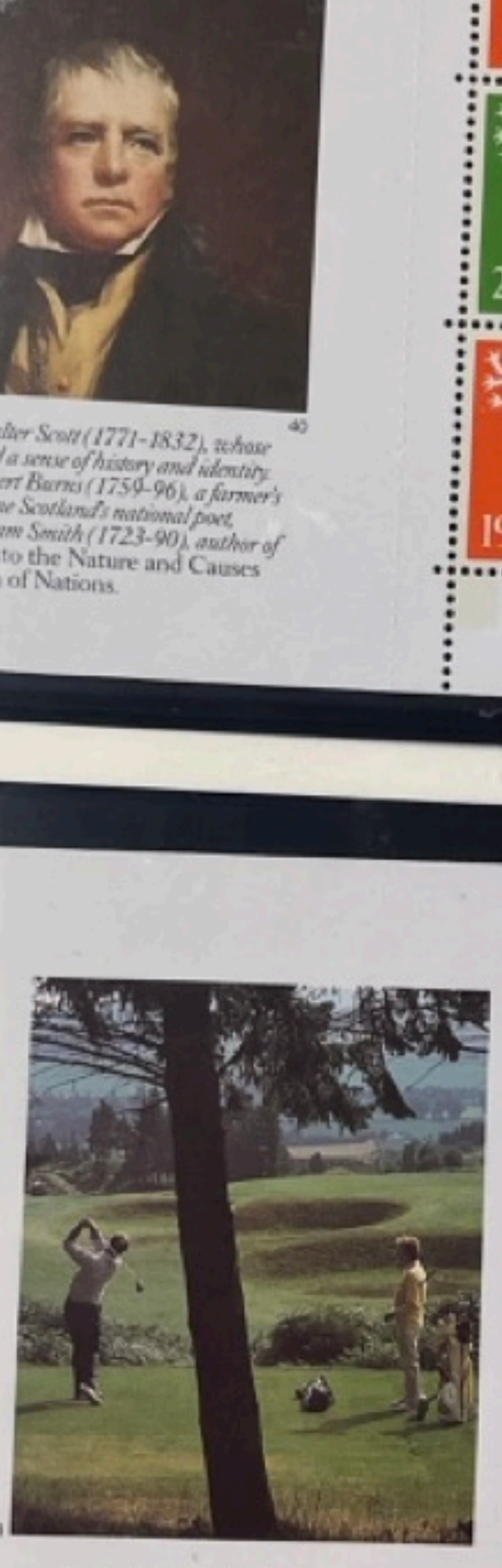
39

Above: Sir Walter Scott (1771–1832), whose novels inspired a sense of history and identity. Above left Robert Burns (1759–96), a farmer's son who became Scotland's national poet. Below left, Adam Smith (1723–90), author of An Inquiry into the Nature and Causes of the Wealth of Nations.

DP 123

46

47



48

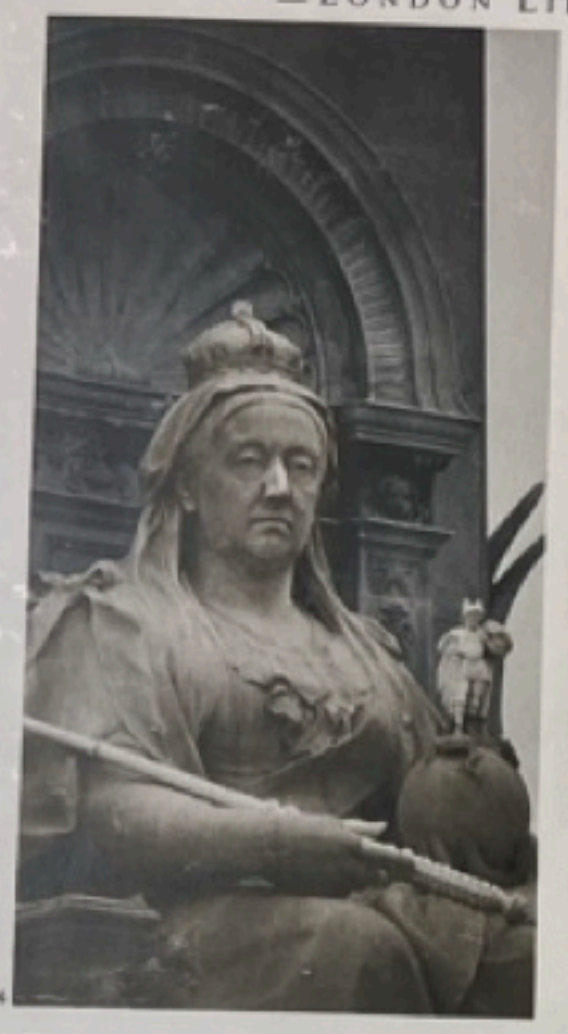
The leisure industry is big business. Above: Golf has made The Gleneagles Hotel world famous. Left: Scotland boasts some of the finest salmon and trout rivers. Top left: Curling is a popular winter diversion.

DP 124

1990

Blätter aus dem £5 Markenheft
"London Life"
"Das Leben in London"

LONDON LIFE



Detail from Yeoman of the Guard's uniform. Queen Victoria, first Royal inhabitant of the remodelled Buckingham Palace

DP 145

LONDON LIFE

Cat and Fiddle emblem of Martin's Bank, Caravel weathervane over Smith & Nephew headquarters, Pegasus symbol of the Scottish Widow's, signposts on the South Bank, Sir Thomas Gresham's grasshopper emblem

DP 146

1990

Blätter aus dem £5 Markenheft
"London Life"
"Das Leben in London"

LONDON LIFE

17

18

Nelson's Column was completed in 1843. The bronze lions by Sir Edwin Landseer were added in 1868

DP 147

LONDON LIFE

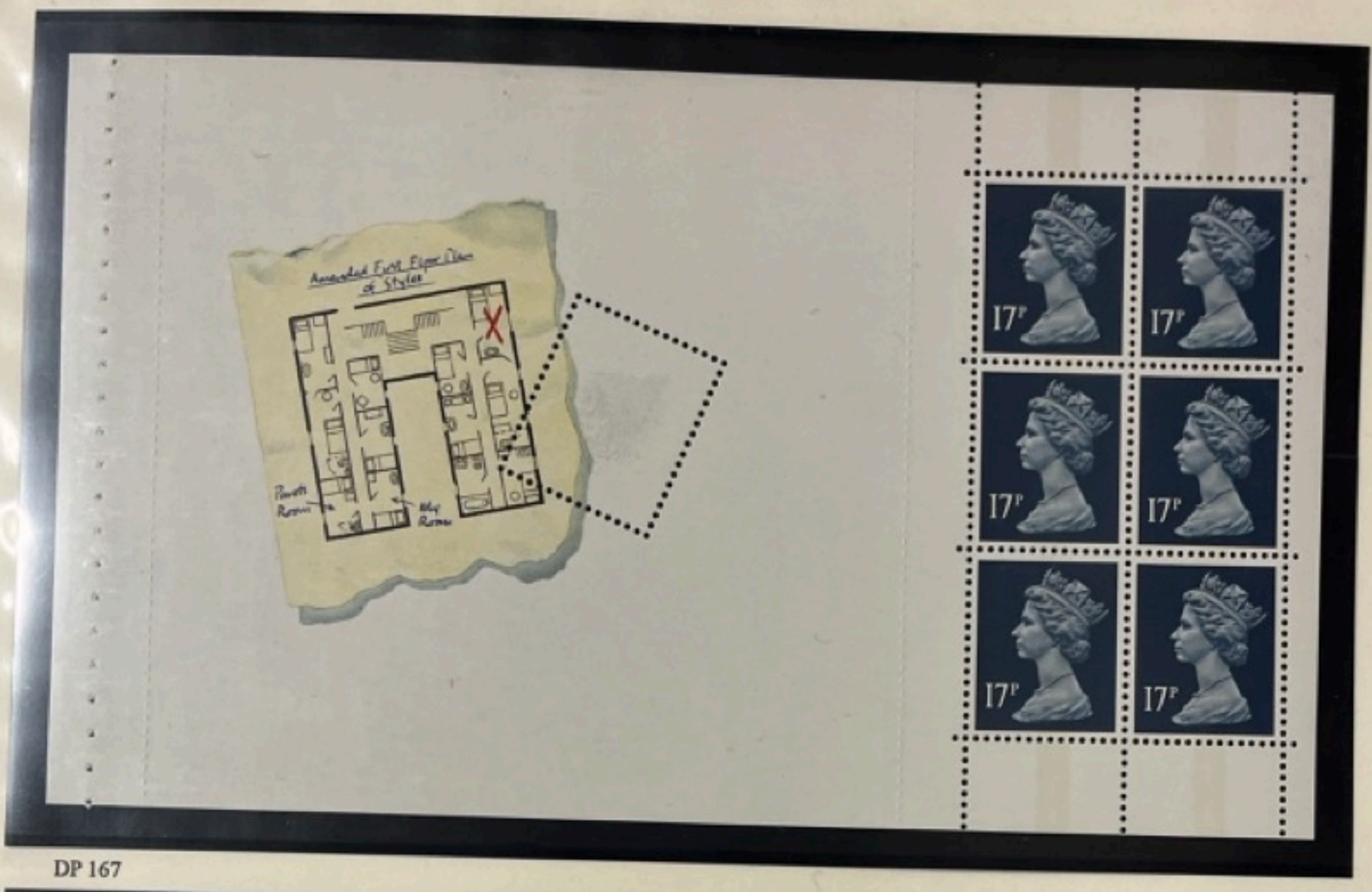
23

Eros, designed by Alfred Gilbert to represent the Angel of Christian Charity

DP 148

1991

Blätter aus dem £6 Markenheft
"Alias Agatha Christie"
"Das Leben der Agatha Christie"



DP 167

DP 168

1991

Blätter aus dem £6 Markenheft
"Alias Agatha Christie"
"Das Leben der Agatha Christie"

DP 169

DP 170

MACHIN

Decimal Definitive

Stamps

A Collection

by

Alfred Jahr

FCP / DEX

½p

Turquoise

First Issued in August 1973

FCP / DEX
½p

Two Phosphor Bands 9.5 mm - 150 Phosphor Screen - Head Type C1
No: H.F/D.005.2B.150.C1

All Stamps on this Page are Turquoise and Value Type I unless otherwise stated

01.1.
Cylinder 7

01.2.
Cylinder 7
missing phosphor

dull turquoise

02.1.
Cylinder 8

02.2.
Cylinder 8
varnish coated

Printed on Jumelle Press

bright turquoise

03.1.
Se-tenant Coil CS5

bright turquoise

03.2.
Se-tenant Coil CS5
missing phosphor

dull turquoise

03.3.1.
Se-tenant Coil CS5
wide 9.5 mm
phosphor band centre

bright turquoise

03.3.2.
Se-tenant Coil CS5
wide 9.5 mm
phosphor band centre

bright turquoise

03.4.
Se-tenant Coil CS5
wide 9.5 mm
phosphor band left

bright turquoise

03.5.
Se-tenant Coil CS5
transluscent paper

FCP / DEX
½p

Two Phosphor Bands 9.5 mm - 150 Phosphor Screen - Head Type C1
No: H.F/D.005..2B.150.C1

All Stamps on this Page are Turquoise

deep bright turquoise

04.
Printed on Thrissel Press
Se-tenant Coil CS4
Value Type 1a
thinn paper

05.1.
Se-tenant Coil CS6
Value Type 1

05.2.
Se-tenant Coil CS6
Value Type 1
wide 9.5 mm phosphor band centre

deep bright turquoise

06.1.
Booklet Pane DP11A
Value Type 2

06.2.
Booklet Pane DP11A
Value Type 2
wide 9.5 mm phosphor band right

06.3.
Booklet Pane DP11A
Value Type 2
thick paper

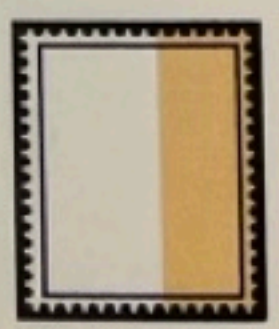
deep turquoise

08.1.
Booklet Pane DP 24
Value Type 1a

08.2.
Booklet Pane DP 24
Value Type 1a
spotty print

09.
Booklet Pane DP 24
Value Type 1

wide 9.5 mm phosphor band centre



wide 9.5 mm phosphor band right

FCP / DEX
½p

Two Phosphor Bands 8 mm
No: H.F/D.005..2B8.

All Stamps on this Page are Value Type 1

deep bright turquoise

01.1
Booklet Pane DP27

01.2
Booklet Pane DP27
spotty print

01.3
Booklet Pane DP27
ribbed print

turquoise

02.1
Booklet Pane DP45

02.2
Booklet Pane DP45
missing phosphor

02.3
Booklet Pane DP45
wide left phosphor band 6.5 mm plus narrow right band 1.5 mm

02.4
Booklet Pane DP45
wide right phosphor band 6.5 mm plus narrow left band 1.5 mm

pale turquoise

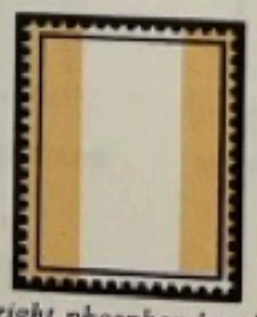
03.1.1
Booklet Pane DP51
left phosphor band short at bottom

03.1.2
Booklet Pane DP51
left phosphor band short at bottom
spotty print

03.2.1
Booklet Pane DP51
right phosphor band short at bottom

03.2.2
Booklet Pane DP51
right phosphor band short at bottom
spotty print

left phosphor band short at bottom



right phosphor band short at bottom

left phosphor band narrow right phoshor band wide

right phosphor band narrow left phoshor band wide

FCP / DEX
½p

Phosphor Bands Centre
No: H.F/D.005.CB.

deep bright turquoise

01.
Se-tenant Coil CS8
Value Type 1

Ex Booklet Pane DP31
Value Type 2

phosphor band displaced to the right

phosphor band displaced to the left

phosphor band short at top

very short phosphor band at top

02.1.

02.2.
thin paper

02.3
missing phosphor band

02.4
very short phosphor band at top

02.5.
phosphor band displaced to the left

02.6.
phosphor band short at top

02.7.
phosphor band displaced to the right

FCP / DEX

1p

Crimson

First Issued in 1971

VALUE TYPES

Value Type 1
The thin „P“ is set close
to the figure „One“

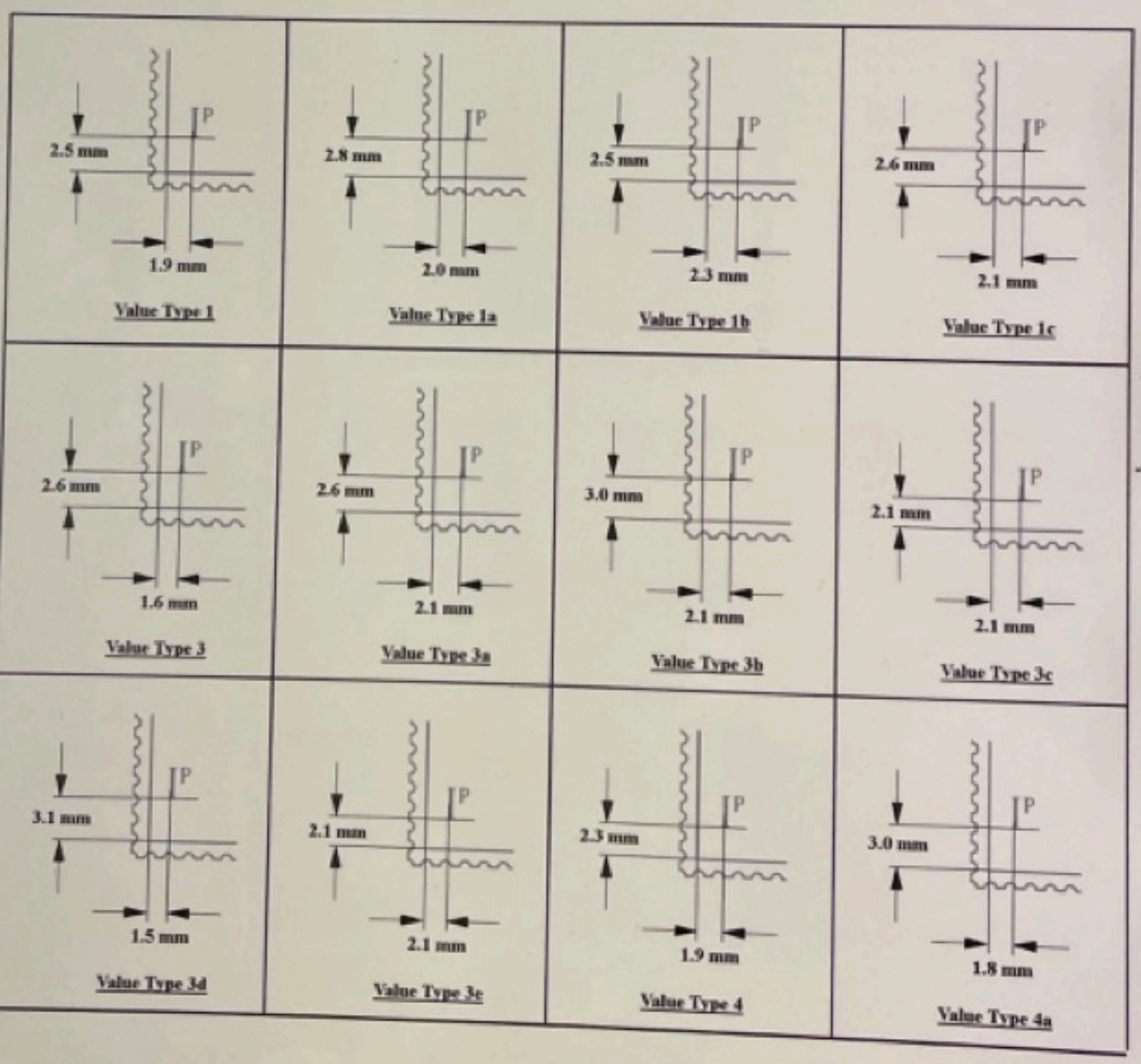
Value Type 2
the very thin „P“ is set wide
of the figure „One“

Value Type 3
as Type 1
but very thin elements

Value Type 4
as Type 1
but thicker elements

Value Type 5
redrawn value
smaller and rounder serifs

VALUE POSITIONS



FCP / DEX

1p

crimson

Two Phosphor Bands – Head Type B1
No: H.F/D.010.B1.2B.

01.1.
Cylinder 11
Value Type 1

01.2.
Cylinder 11
Value Type 1
glossy paper

01.3.
Cylinder 11
Value Type 1
translucent paper and white gum

deep crimson

02.1.
Cylinder 12
Value Type 1

Jumelle Press

03.1.
Se-tenant Coil CS5
Value Type 1

03.2.
Se-tenant Coil CS5
Value Type 1
translucent paper

03.3.
Se-tenant Coil CS5
Value Type 1
missing phosphor

03.4.
Se-tenant Coil CS5
Value Type 1
wide phosphor band at centre, 9,5 mm

Thrissel Press

deep crimson

04.
Se-tenant Coil CS4
Value Type 1
thin paper

FCP / DEX
1p
crimson

Two Phosphor Bands - Head Type B1
No: H.F/D.010.B1.2B.

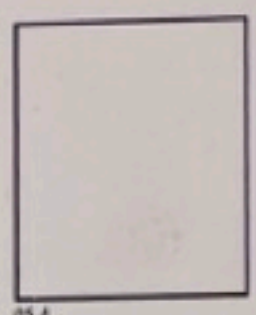
Ex Booklet Pane DP 12

Value Type 1

05.1.

05.2.
translucent paper

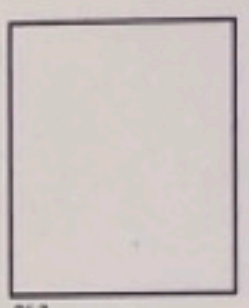
05.3.
wide 9.5 mm phosphor band at right


05.4.
missing phosphor

Value Type 1a

06.1.

06.2.
translucent paper


06.3.
wide 9.5 mm phosphor band at left

06.4.
missing phosphor

Ex Se-tenant coil CS6

Value Type 3

07.1.

07.2.
wide 9.5 mm phosphor band at centre

07.3.
wide 9.5 mm phosphor band at right

Two Phosphor Bands - Head Type B2
No: H.F/D.010.B2.2B.

Ex Booklet Pane DP 24

01.
Value Type 3a

02.
Value Type 3b

03.
Value Type 3c

FCP / DEX
1p
crimson

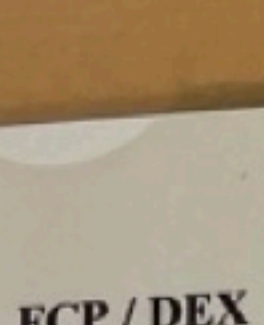
Two Phosphor Bands, 8mm - Head Type B2
No: H.F/D.010.B2.2B8.

Ex Booklet Pane DP 27 and DP28

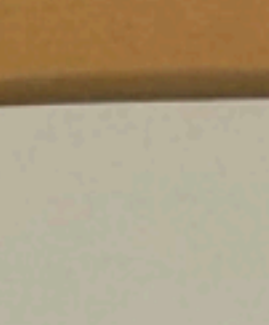
Value Type 1b

left phosphor band short at bottom

01.1.



01.2.
left phosphor band short at bottom



01.3.
right phosphor band short at bottom

right phosphor band short at bottom

Value Type 1c

02.1.

02.2.
left phosphor band short at bottom

02.3.
right phosphor band short at bottom

Ex Booklet Pane DP 45

Chambon Press
Value Type 1

03.1.1.

03.1.2.
dull crimson

03.2.
missing phosphor

phosphor band shift

03.3.
wide 6 mm phosphor band at left and 2 mm band at right

03.4.
wide 6 mm phosphor band at right and 2 mm band at left

FCP / DEX
1p
crimson

Phosphor Band Centre - Head Type B1
No: H.F/D.010.B1.CB.

ex Booklet Pane DP31

Value Type 1d

01.2.1.
thin paper

01.2.2.
thin paper
phosphor band short at top
„P" in value with short base

01.1.1.

01.1.2
phosphor band short at top

„P" in value with short base

01.1.3.
phosphor band short at top
„P" in value with short base

01.1.4.
phosphor band
3 mm short at top

Value Type 1

02.1.

02.2.
phosphor band short at top

02.3.
phosphor band
3 mm short at top

02.4.
missing phosphor

Value Type 1e

phosphor band short at top

03.1.

03.2.
phosphor band short at top

phosphor band 3 mm short at top

FCP / DEX
1p
crimson

Phosphor Band Centre - Head Type B2
No: H.F/D.010.B2.CB.

B3 Phosphor

crimson

04.
Booklet Pane DP36A
Value Type 2
Chambon Press

dull crimson

05.1.1.
Booklet Pane DP60
Value Type 4

very dull crimson

01.1.2.
Booklet Pane DP60
Vlue Type 4

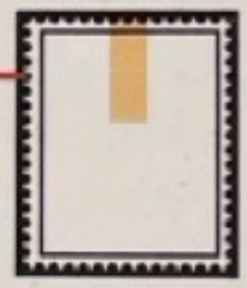
dull crimson

05.2.
Booklet Pane DP60
Value Type 4
Missing phosphor

deep crimson

06.1.
Booklet Pane DP70
Value Type 4

06.2.
Booklet Pane DP70
Vlue Type 4
very short phosphor band



very short 10 mm phosphor band at top

crimson

07.
Booklet Pane DP90
Value Type 4
4.5 mm phosphor band

08.
Booklet Pane DP94
Value Type 4
4.5 mm phosphor band

A Phosphor

crimson

09.1.
Booklet Pane DP94A
Value Type 5
4.5 mm phosphor

09.2.
Booklet Pane DP94A
Vlue Type 5
4.5 mm phosphor
left side imperf

10.1.
Booklet Pane DP94D
Value Type 5
4 mm phosphor
left side imperf

10.2.
Booklet Pane DP94D
Value Type 5
4 mm phosphor
left side imperf
spotty print

FCP / DEX
1p

Phosphor Band Centre - Head Type B1
No: H.F/D.010.B1.CB.

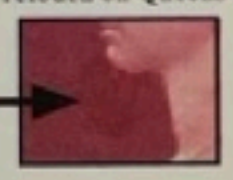
deep crimson

04
Se-tenant Coil CS8 and 9
Value Type 3b

Jumelle Press

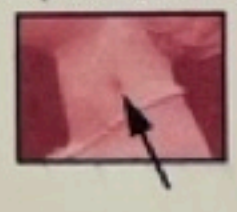
02.1.
Booklet Pane DP36
Value Type 4

02.2
Booklet Pane DP36
Value Type 4
big retouch on Queens chin



02.3
Booklet Pane DP36
Value Type 4
white spots in Queens face

02.4
Booklet Pane DP36
Value Type 4
dark spot on Queens neck



Phosphor Band Right - Head Type B2
No: H.F/D.010.B2.RB.

B3 Phosphor

deep crimson

01.
Miscut Booklet Pane DP93A
Value Type 5

A Phosphor

dull crimson

02
Miscut Booklet Pane DP93E
Value Type 5

very dull crimson

03
Booklet Pane DP98
Value Type 4a

FCP / DEX
1p

Phosphor Band Left - Head Type B2
No: H.F/D.010.B2.LB.

crimson

B3 Phosphor

01.1.
Booklet Pane DP93

01.2.
Booklet Pane DP93
missing phosphor

01.3.
Booklet Pane DP93
additional 1 mm short phosphor band at bottom right

additional 1mm short phosphor band at bottom right

01.4.
Booklet Pane DP93
phosphor band error
addional second phosphor band giving a two band stamp

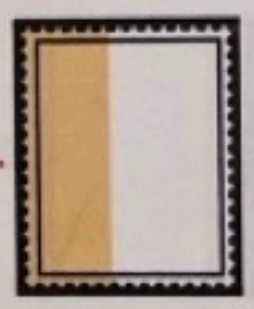
A Phosphor

pale crimson

02.1.
Booklet Pane DP93D

02.2.
Booklet Pane DP93D

023.
Booklet Pane DP93D
wide 8 mm phosphor band



wide 8 mm phosphor band

additional 1mm short phosphor band at bottom right

024.
Booklet Pane DP93D
additional 1mm short phosphor band at bottom right

All Stamps on this Page are Value Type 5

FCP / DEX

1½p

Charcoal Black

First Issued in November 1973

FCP / DEX
1½p

Two Phosphor Bands 9.5 mm
No: H.F/D.015.2B.

charcoal black

Ex Cylinder 9
Value Type 1

01.1.

01.2.
glossy paper

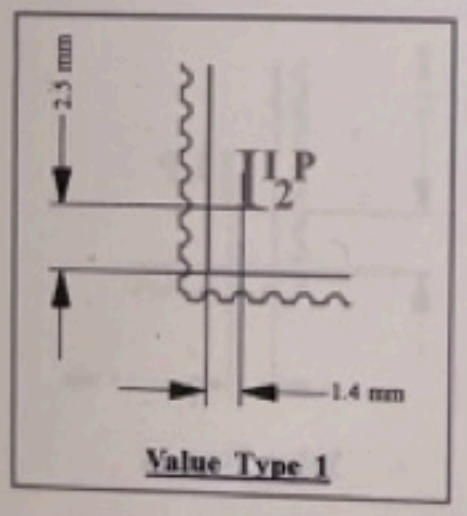
01.3.
translucent paper

Ex Booklet Pane DP12
Value Type 1

02.1.

02.2.
wide 9.5 mm
phosphor band right

02.3.
translucent paper

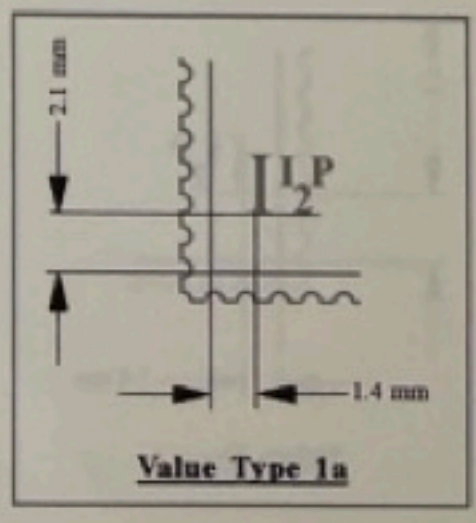


Value Type 1

Value Type 1a

03.1.

03.2.
translucent paper



Value Type 1a

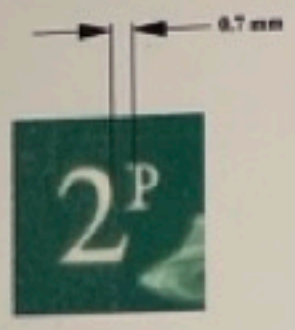
FCP / DEX

2p

Bright Green

First Issued in September 1973

Value Types

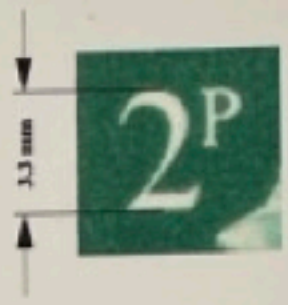


Value Type 1

thick elements
"p" is set wide (0.7 mm) of 2

Value Type 2

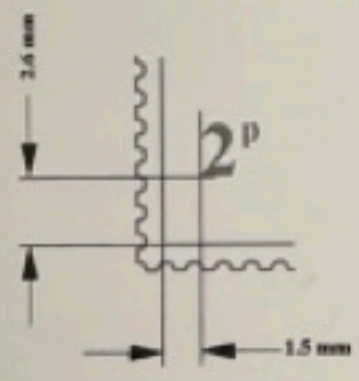
thin slimmer elements
"p" is set closer (0.5 mm) to 2
hight of value tablet 3.1 mm



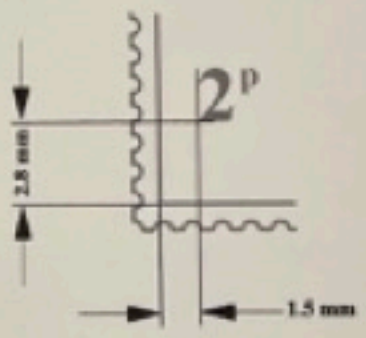
Value Type 3

similar to value type 2
but taller by 0.2 mm
(total 3.3 mm)

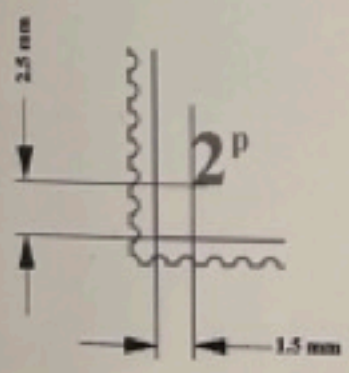
Value Positions



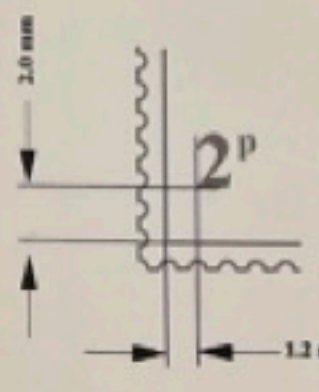
Value Type 1



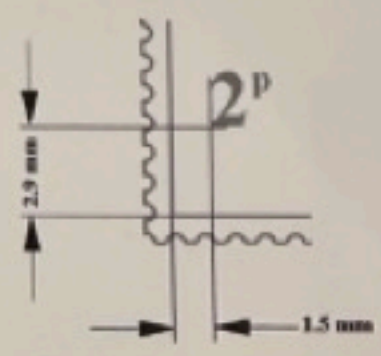
Value Type 1a



Value Type 2



Value Type 2a



Value Type 2b

FCP / DEX
2p

Two Phosphor Bands - Head Type B1
No: H.F/D.020.2B.B1.

bright green
unless otherwise stated

all Stamps on this Page are Value Type 1

01.1.
Booklet Pane DP 11A

01.2.
Booklet Pane DP 11A
translucent paper

02.1.
Cylinder 10

02.2.
Cylinder 10
thin paper / marbled gum

02.3.
Cylinder 10
spotty print

dark bright green

03.1.
Cylinder 11

dark bright green

03.2.
Cylinder 11
glossy paper

04.
Se-tenant Coil CS4
Printed on Thrissell Press
thin paper

wide 9.5 mm
phosphor band centre

05.1.
Se-tenant Coil CS6

05.2.
Se-tenant Coil CS6
wide 9.5 mm
phosphor band centre

05.3.
Se-tenant Coil CS6
wide 9.5 mm
phosphor band right

wide 9.5 mm
phosphor band right

FCP / DEX
2p

Two Phosphor Bands - Head Type B1
No: H.F/D.020.2B.B1.

bright green

Printed on Jumelle Press

Value Type 1

06.1.
Se-tenant Coil CS5

06.2.
Se-tenant Coil CS5
transluscent paper

06.3
Se-tenant Coil CS5
wide 9.5 mm
phosphor band centre

06.4
Se-tenant Coil CS5
wide 8 mm phosphor band left
plus narrow 1.5 mm band right

06.5
Se-tenant Coil CS5
missing phosphor

Two Phosphor Bands - Head Type B2
No: H.F/D.020.2B.B2.

01.1
Booklet Pane DP 42/43
Value Type 1a

01.2
Booklet Pane DP42/43
Value Type 1a
missing phosphor

01.3
Booklet Pane DP43
Value Type 1a
right phosphor band inset

wide 8 mm phosphor band left
plus narrow 1.5 mm band right

02
Booklet Pane DP57
Value Type 1

right phosphor band inset

FCP / DEX
2p

Two Phosphor Bands 8 mm- Head Type B2
No: H.F/D.020.2B8.B2.

bright green

Ex Booklet Pane DP33 / 33A

Value Type 2a

01.1.

01.2.
left phosphor band short at bottom

both phosphor bands short at top

01.3.
both phosphor bands short at top

left phosphor band short at bottom

Ex Booklet Pane DP38 / 38A

Printed on Jumelle Press

right phosphor band short at bottom

Value Type 2b

02.1.

02.2.
left phosphor band short at bottom

02.3.
right phosphor band short at bottom

Value Type 2

03.1.

03.2.
both phosphor bands short at top

03.3.
right phosphor band inset

Booklet Pane DP38 / DP38A

These panes were printed on the Jumelle Press and the 2p value is ***type 2****.*

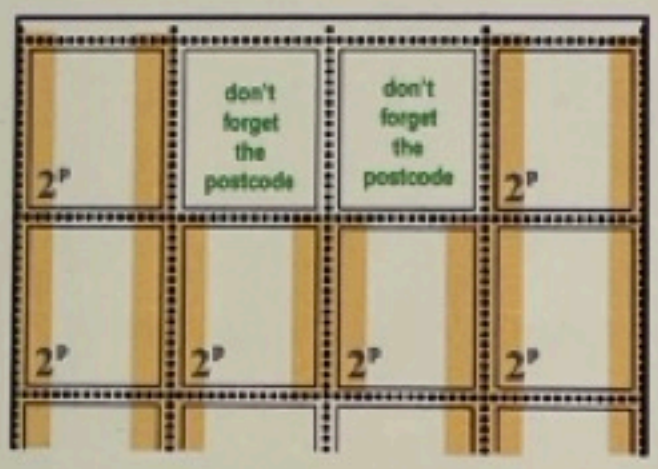
Booklet Pane DP38D / DP38E

These panes were printed on the Chambon Press and the 2p value is ***type 3****.*

In the sheet layout the labels *"don't forget the Postcode"* were positioned side by side, producing a booklet pane each with the label either at right or left.

The layout of the 8 mm phosphor bands is so arranged that no phosphor ink shall be applied on the labels. In the vertical margins the bands were recessed to a width of 4 mm between the 2p stamp and the label and the band in the centre margin between the two 2 p stamps below the labels stopped in the perforation line.

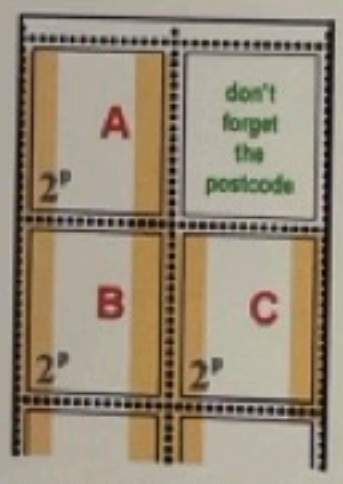
Sectional Illustration of Sheet Layout



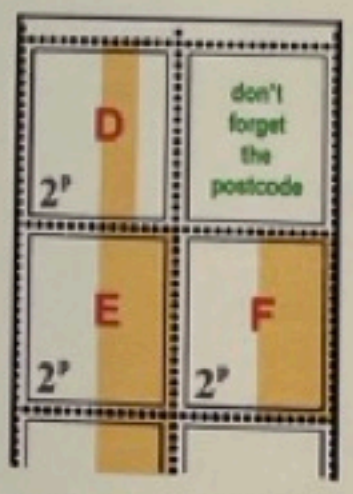
Here is illustrated how the vertical phosphor bands are spaced out around the labels. The normally stop in the centre of the horizontal perforation line below the labels. The band in the centre below the labels ends also in the next perforation line as the 10p stamps below are either side band left or right stamps.

Phosphor Band Errors

Due to unsynchronised phosphor cylinders a number of phosphor band errors have occurred. Here is illustrated how they are effecting the 2p stamps in booklet panes DP38.

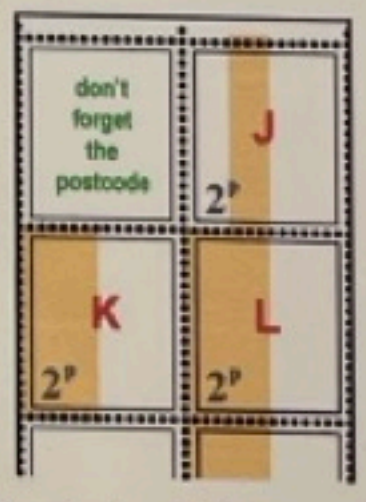


Phosphor band shift down 2 mm
A and C: 2 bands, short at top
B: 2 bands normal



Phosphor band shift left 4 mm
D: 4 mm band displaced to the right
E and F: wide band right 8 mm

Phosphor band shift left and down
G: wide band right 8 mm, short at top
H: wide band right 8 mm, notched at top
I: wide band right 8 mm



Phosphor band shift right 4 mm
J: 4 mm band displaced rihht
K and L: wide band left 8 mm

FCP / DEX
2p

Two Phosphor Bands 8 mm- Head Type B2
No: H.F/D.020.2B8.B2.

bright green

Ex Booklet Pane DP38D / 38E

Printed on Chambon Press

Value Type 3

04.1.

04.2.
missing phosphor

04.3.
both phosphor bands short at top

04.4.
left phosphor band short at bottom

04.5.
right phosphor band short at bottom

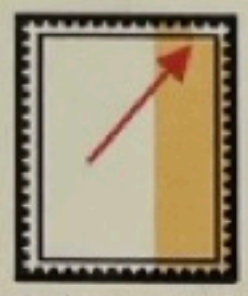
04.6.
left phosphor band inset

04.7.
right phosphor band inset

04.8.
wide 8mm phosphor band left

04.9.
wide 8 mm notched phosphor band right

04.10.
4 mm phosphor band displaced left


wide 8 mm phosphor band at right, notched in the top right corner

04.11.
4 mm phosphor band displaced right

FCP / DEX

2p and 3p

Bright Pink

Rose - Red

Ultramarin

Deep Bright Pink

First Issued in August / September 1973

FCP / DEX

2½p

Phosphor Bands Centre
No: H.F/D.025.CB.
bright pink

04.
Cylinder 19

Two Phosphor Bands
No: H.F/D.025.2B.
deep bright pink

01.
Cylinder 19

Two Phosphor Bands
No: H.F/D.025.2B8.
rose-red

04.
Booklet Pane DP49 / DP49A

3p

Phosphor Bands Centre
No: H.F/D.030.CB.
ultramarin

Value Type 1
thin elements

Value Type 2
very thin elements

Value Type 3
thick elements

01.1.
Cylinder 30, 31, 38
Value Type 1

01.2
Cylinder 30
Value Type 1
phosphor band displaced left

02.
Horizontal Coil C10
Value Type 3
250 phosphor Screen

03.
Vertical Coil C11
Value Type 3

04.1.
Booklet Pane DP21B
Value Type 1

04.2.
Booklet Pane DP21B
Value Type 1
missing phosphor

05.
Booklet Pane DP21A
Value Type 2

Two Phosphor Bands - Head Type B1
No: H.F/D.030.2B.B1.
deep bright pink

01.
Booklet Pane DP51 / DP51A / DP51C

Two Phosphor Bands 8 mm - Head Type B2
No: H.F/D.030.2B8.B2.
deep bright pink

01.
Booklet Pane DP57

FCP / DEX

3½p

Olive - Grey

Purple - Brown

First Issued in August 1973 and April 1983

FCP / DEX
3½p

Two Phosphor Bands
No: H.F/D.035.2B.

olive - grey

Value Type 1

01.1.
Cylinder 9 and 11

01.2
Cylinder 11
imperforate

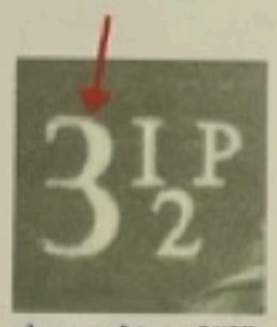
01.3
Cylinder 11
missing phosphor

02
Booklet Pne DP22A

03
Vertical Coil C13

Phosphor Screen 250

04.1
Horizontal Coil C12



damaged top of "3"

04.2
Horizontal Coil C12
damaged top of "3"

Colour Error
deep olive-brown

This error was caused by contamination with ink of the 4p value. It is a genuine example of a much deeper shade. All stamps of this error are well off centre.

05
Cylinder 9

FCP / DEX
3½p

Phosphor Band Centre
No: H.F/D.035.CB.

olive - grey

Value Type 1

01.
Cylinder 9, 11, 12

phosphor band displaced left

01.2
Cylinder 11
phosphor band displaced left

02.1
Booklet Pane DP22B / DP22C

Phosphor Screen 250

03.
Horizontal Coil C14

02.2
Booklet Pane DP22B
missing phosphor

06
Cylinder 11

Paper Error
OCP / DEX
Two Phosphor Bands

This paper was actually made for an overseas customer of Harrisons and used by mistake; it is much thicker and glossier than the normal OCP/DEX paper supplied to Royal Mail. Stamps of this error are always off centre.

---

purple-brown

Value Type 3

04.1
Booklet Pane DP 79

04.2
BookletPane DP 79
missing phosphor

FCP / DEX

4p

Light Ochre

Pale Greenish - Blue

Cobalt - Blue

First Issued in November 1973

FCP / DEX
4p

Two Phosphor Bands
No: H.F/D.040.2B.

light ochre

08.1.
Cylinder 12

01.2.
Cylinder 12
glazed paper

top serif in "p" omitted

01.3.
Cylinder 12
top serif in "p" omitted

Value Type 1

Two Phosphor Bands 8 mm
No: H.F/D.040.2B8.

cobalt - blue

01.1.
Booklet Pane DP49 / DP49A

01.2.
Booklet Pane DP49
left phosphor band
short at bottom

01.3.
Booklet Pane DP49A
right phosphor band
short at bottom

pale greenish - blue

Value Type 3

Phosphor Band Centre
No: H.F/D.040.CB.

01.
Booklet Pane DP70 / DP70A

Phosphor Band Left
No: H.F/D.040.LB.

01.
Booklet Pane DP79

Phosphor Band Right
No: H.F/D.040.RB.

01.
Booklet Pane DP79

FCP / DEX

4½p

Grey - Blue

First Issued in Oktober 1973

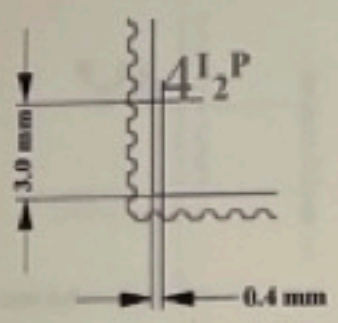
FCP / DEX
4½p

Two Phosphor Bands
No: H.F/D.045.2B.

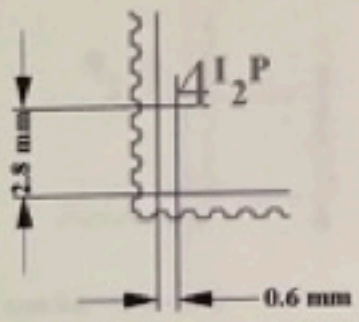
All Stamps on this Page are Value Type 1 unless otherwise stated

light grey-blue

01.
Cylinder 1



Value Type 1



Value Type 1a

deep steel-blue

02.1.
Cylinder 3

dull steel-blue

02.2
Cylinder 3 and 7

deep steel-blue

02.3.
Cylinder 3 and 7
missing phosphor

greyishsteel-blue

02.4.
Cylinder 7
wide 9.5 mm
phosphor band right

steel-blue

02.5.
Cylinder 3 and 7
phosphor under ink

greyish steel-blue

03.
Horizontal Coil C15

greyishsteel-blue

04.1.
Booklet Pane DP 23

pale steel-blue

04.2.
Booklet Pane DP 23
phosphor under ink

greyish steel-blue

05.1.
Booklet Pane DP23A
Value Type 1a

pale steel-blue

05.2.
Booklet Pane DP23A
Value Type 1a
phosphor under ink

FCP / DEX

5p and 5½p

Pale Violet

Claret

Deep Purple

First Issued in Mai 1974 / October 1973

FCP / DEX
5p

Two Phosphor Bands
No: H.F/D.050.2B.

B3 Phosphor

pale violet
Value Type 1

Phosphor Band Centre
No: H.F/D.050.CB.

claret
Value Type 2

01.1
Cylinder 7 and 8

01.
Booklet Pane DP94
phosphor band centre 4.5 mm

01.2
Cylinder 8
wide 9.5 mm phosphor band left

Phosphor Band Centre
No: H.F/D.050.CB.

A Phosphor

02.
Booklet Pane DP94A
phosphor band centre 4.5 mm

03.1
Booklet Pane DP94
straight edge left
phosphor band centre 4.5 mm

03.2
Booklet Pane DP94
straight edge left
missing phosphor

04.
Booklet Pane DP94
straight edge left
phosphor band centre 4 mm

FCP / DEX
5½p

Two Phosphor Bands
No: H.F/D.055.2B.

B3 Phosphor
deep purple

01.
Cylinder 2

Phosphor Band Centre
No: H.F/D.055.CB.

02.1
Cylinder 2 and 4

02.2
Cylinder 4
missing phosphor

03.
Cylinder 4
glazed paper

FCP / DEX

6p

Light Green

First Issued in October 1973

FCP / DEX

6p

light green

Two Phosphor Bands 9.5 mm
No: H.F/D.060.2B.

01.
Cylinder 4
Value Type 1
phosphor under ink

02.1.
Cylinder 8
Value Type 2

02.2.
Cylinder 8
Value Type 2
weak spotty print

02.3.
Cylinder 8
Value Type 2
glossy paper

02.4.
Cylinder 8
Value Type 2
phosphor under ink

03.1.
Booklet Pane DP24
Value Type 2a

03.2.1.
Booklet Pane DP24
Value Type 2b

03.2.2.
Booklet Pane DP24
Value Type 2b
very weak spotty print

03.3.
Booklet Pane DP24
Value Type 2c

04.1.
Se-tenant Coil CS6
Value Type 3

04.2.
Se-tenant Coil CS6
Value Type 3
wide phosphor band
at centre, 9.5 mm

04.3.
Se-tenant Coil CS6
Value Type 3
wide phosphor band
at right, 9.5 mm

FCP / DEX

6½p

Peacock Blue

First Issued in September 1974

FCP / DEX

6½p

peacock blue

Two Phosphor Band 9.5 mm - Head Type B1

No: H.F/D.065.B1.CB.

01.1.

Cylinder 2

01.2.

Cylinder 2

thin translucent paper

Phosphor Band Centre - Head Type B1

No: H.F/D.065.B1.CB.

01.8.

Cylinder 4 and 5

01.5.

Cylinder 4

imperforate

01.2.

Cylinder 4

pale peacock blue

01.3.

Cylinder 4

missing phosphor

centre band

displaced to the left

01.4.

Cylinder 4

centre band

displaced to the left

02.1.

Horizontal Coil C16

02.2

Horizontal Coil C16

weak spotty print

FCP / DEX

6½p

peacock blue

Phosphor Band Centre – Head Type B2
No: H.F/D.065.B2.CB.

01.1.
Cylinder 9 and 11
Value Type 1

01.2.
Cylinder 11
Value Type 1
all over phosphor

01.3.
Cylinder 9
Value Type 1
imperforate

02.1.
Booklet Pane DP25
Value Type 1a

02.2.
Booklet Pane DP25
Value Type 1a
glossy paper

03.
Vertical Coil C17
Value Type 1a

Phosphor Band Left – Head Type B2
No: H.F/D.065.B2.LB.

01.1.
Booklet Pane DP27
Value Type 1

01.2.
Booklet Pane DP27
Value Type 1
spotty print

Phosphor Band Right – Head Type B2
No: H.F/D.065.B2.RB.

01.1.
Booklet Pane DP27
Value Type 1

01.2.
Booklet Pane DP27
Value Type 1
spotty print

FCP / DEX

7 and 7½p

Reddish Brown

Pale Chestnut

First Issued: 7p January 1975 - 7½p April 1974

FCP / DEX
7p

Two Phosphor Band 9.5 mm - Head Type B1
No: H.F/D.070.B1.2B.

deep reddish brown

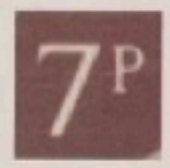
01.1.
Cylinder 3
phosphor under ink

01.2.
Cylinder 3
missing phosphor

01.3.
Cylinder 3
phosphor under ink
thin paper

The 7p issues have three different Value Types:

Type 1
thick elements

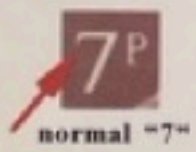


Type 2
thin elements

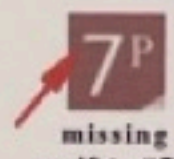
Type 3
very thin elements

reddish brown

02.1.
Cylinder 3 and 6



normal "7"



missing serif to "7"

02.2.
Cylinder 3
missing serif to "7"

02.3.
Cylinder 3 and 6
missing phosphor

02.5.
Cylinder 6
imperforate

02.2.
Cylinder 6
glossy paper

On this Page all Stamps are Value Type 1

FCP / DEX
7p

Phosphor Band Centre - Head Type B2
No: H.F/D.070.B2.CB.

reddish brown

Booklet Pane DP31

Booklet Pane DP31 B
miscut booklet
label should be on the right

05.1.
Booklet Pane DP31
Value Type 1a

05.2.
Booklet Pane DP31
Value Type 1b

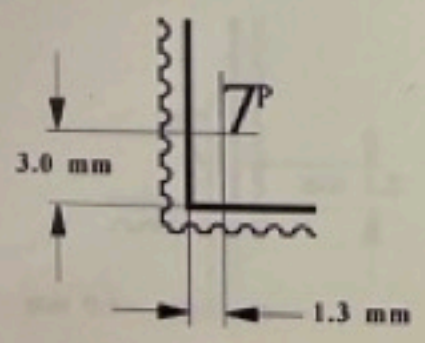
05.3.
Booklet Pane DP31
Value Type 1b
thin paper

05.4.
Booklet Pane DP 31
Value Type 1c

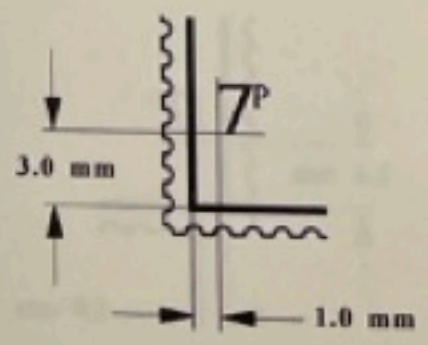
05.5
Booklet Pane DP31
Value Type 1c
thin paper

05.6.
Booklet Pane DP31
Value Type 1d

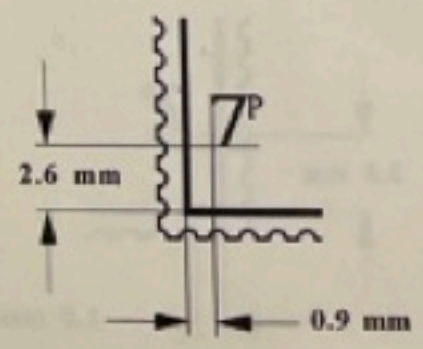
05.10.
Booklet Pane DP 31NP
Value Type 1c
missing phosphor



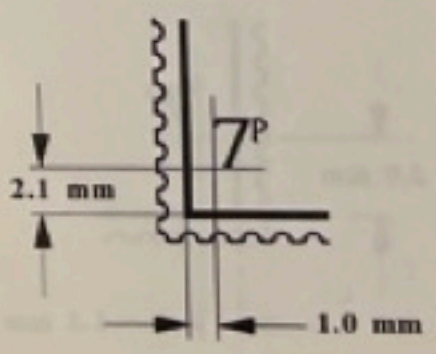
Value Type 1a



Value Type 1b



Value Type 1c



Value Type 1d

FCP / DEX
7p

Phosphor Band Centre - Head Type B2
No: H.F/D.070.B2.CB.

reddish brown

01.
Vertical Coil C19

02.1.
Booklet Pane DP29

H.F/D.070.B2.CB.02.2.
phosphor band displaced left

02.2.
Booklet Pane DP 29
phosphor band displaced left

deep reddish brown

03.1.
Cylinder 14

03.2.
Cylinder 14
narrow 3mm phosphor band

chocolate brown

04.
Cylinder 14
Phosphor under ink

deep reddish brown

06.1.
Cylinder 20, 21 and 22

06.3.
Cylinder 20
imperforate

06.2.
Cylinder 20
perforation shift vertical 2½ mm

reddish brown

07.1.
Booklet Pane DP 32
phosphor band short at top and bottom

H.F/D.070.B2.CB.07.1.
phosphor band short at top and bottom

H.F/D.070.B2.CB.07.2.
phosphor band short at top plus two additional 1 mm bands bands at top

07.2.
Booklet Pane DP 32
phosphor band short at top plus two additional 1 mm bands bands at top

On this Page all Stamps are Value Type 2

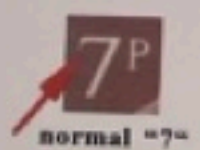
FCP / DEX
7p

Phosphor Band Centre - Head Type B1
No: H.F/D.070.B1.CB.

deep reddish brown

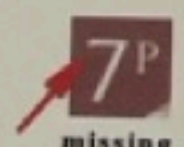
01.1.
Cylinder 8

01.2.
Cylinder 8
perforation shift
vertical 2.5 mm



normal "7"

01.4.
Cylinder 8
left stamp has normal "7"
right stamp has missing serif to "7"



missing
serif to "7"

02.
Horizontal Coil C18

pale reddish brown

03.1.
Se-tenant Coil C8

03.2
Se-tenant Coil C8

On this Page all Stamps are Value Type 2

FCP / DEX
7p

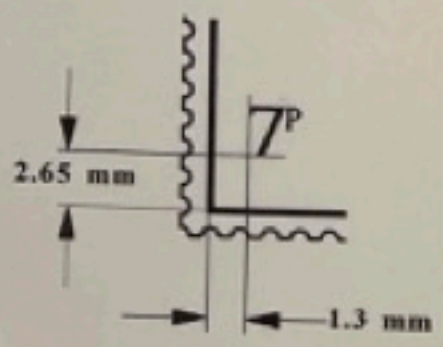
Phosphor Band Left - Head Type B2
No: H.F/D.070.B2.LB.

reddish brown

01.
Booklet Pane DP28A/1
Value Type 1

02.
Booklet Pane DP28A/2
Value Type 2a

03.
Booklet Pane DP 28E
Value Type 3

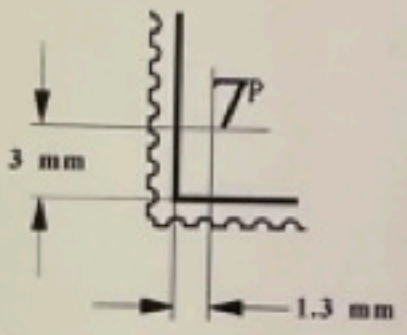


Value Type 1 and 2

FCP / DEX
7p

Phosphor Band Right - Head Type B2
No: H.F/D.070.B2.RB.

reddish brown



Value Type 2a and 3

01.
Booklet Pane DP28/1
Value Type 1

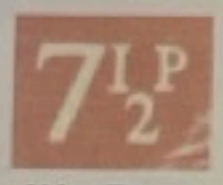
02
Booklet Pane DP28/2
Value Type 2a

03.
Booklet Pane DP 28D
Value Type 3

FCP / DEX
7½p

Phosphor Bands 9.5 mm Left
No: H.F/D.075.2B.

pale chestnut



Value Type 1
thick elements

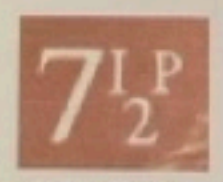
01.
Cylinder 3
Value Type 1

pale chestnut

02.1.
Cylinder 5
Value Type 2

very pale chestnut

02.2.
Cylinder 5
Value Type 2



Value Type 2
thin elements

FCP / DEX

8

Post Office Red

First Issued: October 1973

FCP / DEX

8p

post office rvd

Two Phosphor Bands, 9.5 mm - Head Type B1

No: H.F/D.080.B1.2B.

01.1.
Cylinder 3
Value Type 1

01.2.
Cylinder 3
Value Type 1
glossy paper

01.3.
Cylinder 3
Value Type 1

01.4.
Cylinder 3
Value Type 1
spotty print

02.
Cylinder 3
Value Type 1
phosphor under ink

Phosphor Band Left, - Head Type B2

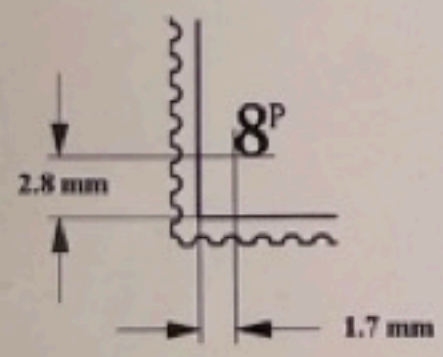
No: H.F/D.080.B2.LB.

01.1.
Booklet Pane DP33A
Value Type 1c

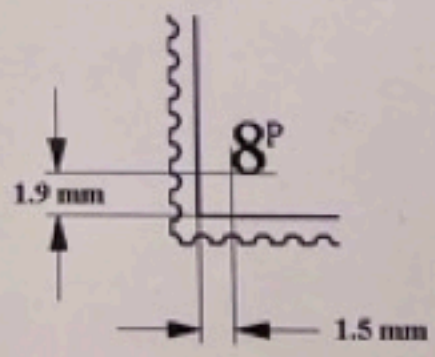
Phosphor Band Right, - Head Type B2

No: H.F/D.080.B2.RB.

01.1.
Booklet Pane DP33
Value Type 1c



Value Type 1



Value Type 1c

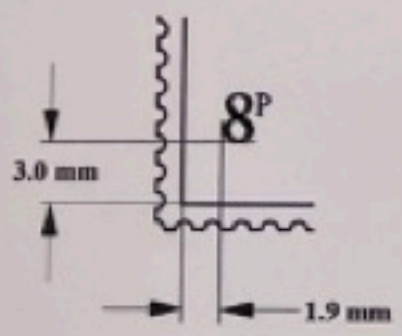
FCP / DEX
8p
post office red

Phosphor Band Centre - Head Type B1

No: H.F/D.080.B1.CB.

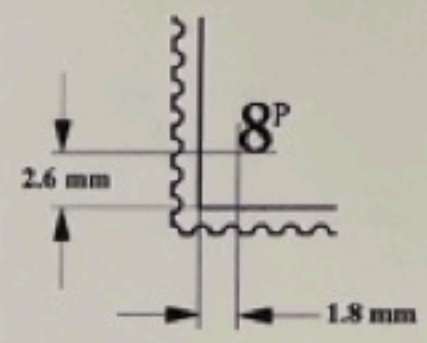
01.1.
Cylinder 3 and 7
Value Type 1

01.2.
Cylinder 7
Value Type 1
2½ mm vertical perforation shift



Value Type 1f

01.4.
Cylinder 7
Value Type 1
imperforate

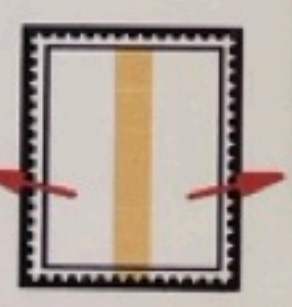


Value Type 1e

02.1.
Columns 1 and 3
Value Type 1f

02.2.
Columns 1 and 3
Value Type 1f
phosphor band short at top

Booklet Pane DP36
Jumelle Press



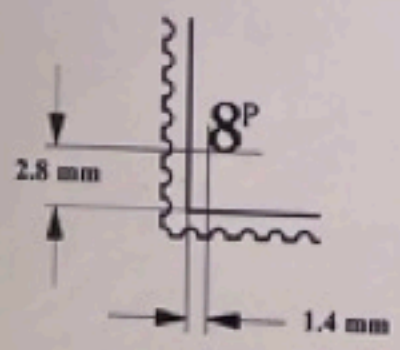
03.1.
Columns 2 and 4
Value Type 1e
phosphor band short at top

03.2.
Columns 2 and 4
Value Type 1e

05.1.
Cylinder 14
Value Type 1a

05.2.
Cylinder 14
Value Type 1a
thick paper

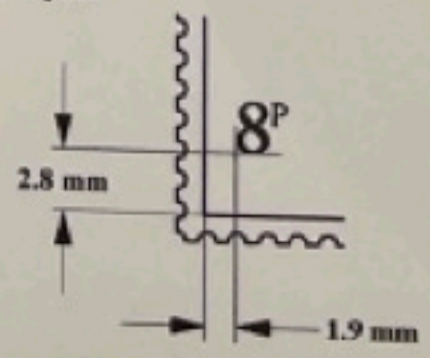
05.3.
Cylinder 14
Value Type 1a
missing phosphor



Value Type 1a

04.
Cylinder 13
Value Type 1a
red face

06.
Se-tenant Coil CS9
Value Type 1b



Value Type 1b

FCP / DEX

8p

post office red

Phosphor Band Centre - Head Type B2

No: H.F/D.080.B2.2B.

01.
Booklet Pane DP34 and DP34A
Value Type 1d

02.
Vertical Coil C20
Value Type 1d

03.
Cylinder 10
Value Type 1d

04.
Booklet Pane DP 37
Value Type 1d
phosphor band short at top and bottom

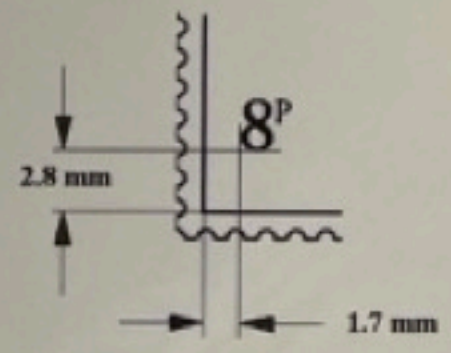
Booklet Pane DP36A
Chambon Press

05.1.
Columns 1 and 3
Value Type 1g

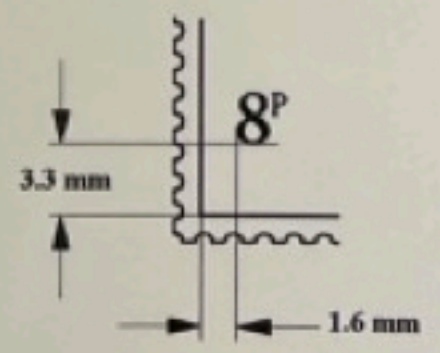
05.2.
Columns 1 and 3
Value Type 1g
phosphor band short at top

06.1.
Columns 2 and 4
Value Type 1
phosphor band short at top

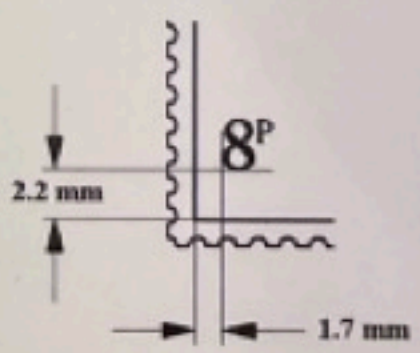
06.2.
Columns 2 and 4
Value Type 1



Value Type 1



Value Type 1d



Value Type 1g

FCP / DEX

8½

Lime - Green

First Issued in September 1975

FCP / DEX

8½p

Two Phosphor Bands, 9.5 mm

No: H.F/D.085.2B.

pale lime green

01.1.

01.2.

perforation shift 4 mm vertical

01.3.

missing phosphor

01.4.

wide 9.5 mm phosphor band at left

01.5.

glossy paper

01.6.

phosphor wash

„all over phosphor"

01.7.

deformed loop to „8"

all above stamps are Cylinder 4 and Value Type 1

yellow lime green

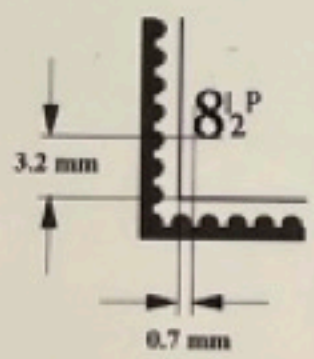
02.

Cylinder 6
Value Type 1

lime green

03.

Vertical Coil C22
Value Type 1



Value Type 1

lime green

04.

Horizontal Coil C21
Value Type 1a

lime green

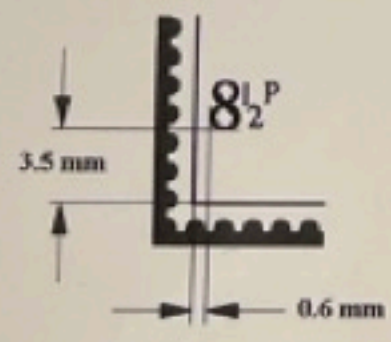
05.

Booklet Pane DP26 and DP26A
Value Type 1

Two Phosphor Bands, 9.5 mm

No: H.F/D.085.2B8.

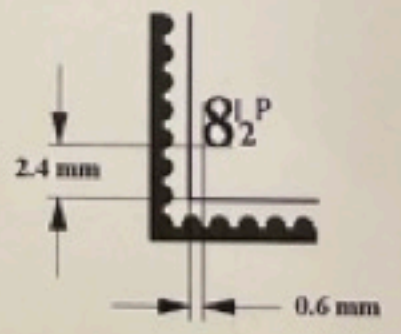
lime green



Value Type 1a

01.

Booklet Pane DP27 and DP27A
Value Type 1b



Value Type 1b

FCP / DEX

9p and 9½p

Dull Orange and Black

Dull Violet

Bright Purple

FCP / DEX

9p

Two Phosphor Bands, 9.5 mm

No: H.F/D.090.2B.

orange and black

all stamps are cylinder 4A4B

02.1.1.

02.1.2.
short tail to „9"

02.2.1.
wide phosphor band 9.5 mm at right

normal „9"

short tail to „9"

02.2.2.
short tail to „9"
wide phosphor band 9.5 mm at right

wide phosphor band 9.5 mm at right

bright orange and black

all stamps are cylinder 8A6B

02.1.1

02.1.2.
missing phosphor

02.1.3.
right phosphor band omitted

02.1.4.
right phosphor band omitted

02.1.5
wide phosphor band 9.5 mm at right

02.2.
pale orange and black

FCP / DEX

9p

Two Phosphor Bands

No: H.F/D.090.2B.

blackish violett

03.4.

Cylinder 11
imperforate

03.1.

Cylinder 11

03.2.

Cylinder 11
missing phosphor

03.3.

Cylinder 11
perforation shift 2mm vertical

deep violett

05.

Cylinder 12
varnish <u>over</u> phosphor

04.1.

Cylinder 11
phosphor under ink

deep violett

06

Cylinder 12
varnish <u>under</u> phosphor

04.2

Cylinder 11
phosphor under ink
imperforate

FCP / DEX

9p

Two Phosphor Bands, 9.5 mm

No: H.F/D.090.2B.

deep violet

07.1.1.
cylinder 12

violet

07.1.2.
cylinder 12

very deep violet

07.1.3.
cylinder 12

deep violet

07.2.
cylinder 12
missing phosphor

07.3.
cylinder 12
glossy paper

07.4.
cylinder 12
spotty print

07.5.
cylinder 12
phosphor wash

violet

08.1.1.
cylinder 16
Jumelle Press

08.1.2.
cylinder 16
Halley Press

08.2.
cylinder 16
weak spotty print

08.3.
cylinder 16
missing phosphor

pale violet

08.4.
cylinder 16
left phosphor band omitted

08.5.
cylinder 16
right phosphor band omitted

08.6.
cylinder 16
ribbed printing

08.7.
cylinder 16
phosphor wash

FCP / DEX

9p

Two Phosphor Bands, 9.5 mm

№: H.F/D.090.2B.

violet
Phosphor under Ink

09.1.
cylinder 16

09.2.
cylinder 16
perforation shift
vertical 4.5 mm

09.3.
cylinder 16
wide phosphor band
9.5 mm at left

deep blue

10.1.
cylinder 27

10.2.
cylinder 27
spotty print

10.3.
cylinder 27
phosphor wash

grey blue

11.
cylinder 29

violet

12.
Vertical Coil C24

violet

13.
Horizontal Coil C23

bluish violet

14
Booklet Pane DP30 and DP30A

FCP / DEX

9p

Two Phosphor Bands, 9.5 mm

No: H.F/D.090.2B.

pale bluish violet

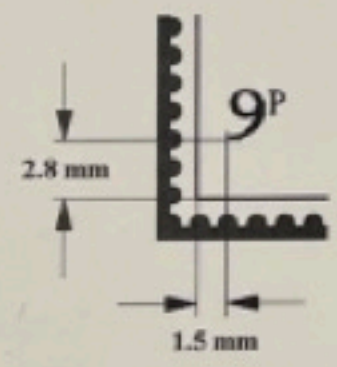
15.1.
Booklet Pane DP32
phosphor bands short at top and bottom

15.2.
Booklet pane DP32
phosphor bands short at top plus additional 2 mm centre band at the top

Two Phosphor Bands, 8 mm

No: H.F/D.090.2B8.

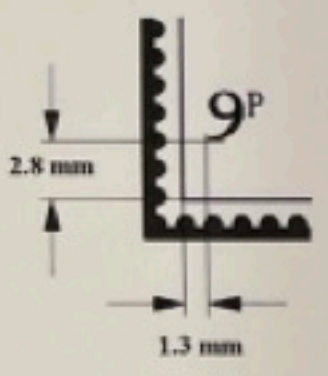
violet



Value Type 1

01.
Booklet Pane DP28 and DP28A
Value Type 1

02.
Booklet Pane DP28 and DP28A
Value Type 1a



Value Type 1a

9½p

Two Phosphor Bands, 9.5 mm

No: H.F/D.095.2B.

bright purple

all stamps are from cylinder 13

01.1.

01.2.
missing phosphor

01.3.
left phosphor band omitted

01.4.
right phosphor band omitted

FCP / DEX

10p

Orange and Flesh - Pink

Light Orange
(original Numerals)

Light Orange
(Redrawn Numerals)

First Issued:

Orange and Flesh - Pink - November 1973
Light Orange (*Original Numerals*) - February 1976
Light Orange (*Redrawn Numerals*) - September 1984

FCP / DEX
10p
terracotta and orange brown

Two Phosphor Bands, 9.5 mm

No: H.F/D.100.2B.250.

No: H.F/D.100.2B.150.

01.1.
Cylinder 8A6B
Phosphor Screen 150.

01.1.
Cylinder 5A4B
Phosphor Screen 250.

No: H.F/D.100.2B.150.

01.2.
Cylinder 8A6B
glossy paper
Phosphor Screen 150.

10p
orange

Two Phosphor Bands, 9.5 mm - Head Type D1

No: H.F/D.100.D1.2B.

01.1.

01.3.

wide 9.5 mm phosphor band at right

02.1.
phosphor under ink

01.4.
imperforate

all above stamps are from Cylinder 3 and have Value Type 2

03.1.
Value Type 5
Booklet Pane DP74

FCP / DEX

10p

Two Phosphor Bands 8 mm – Head Type D2
No: H.F/D.100.D2.2B8.

orange

01.1.
Booklet Pane DP33
Value Type 4

01.2.
Booklet Pane DP33
Value Type 4
missing phosphor

Phosphor Band Centre – Head Type D1
No: H.F/D.100.D1.CB.

orange

01.1.
Cylinder 2 and 3
Value Type 2

01.2.
Cylinder 2
Value Type 2
missing phosphor

01.3.
Cylinder 2
Value Type 2
perforation shift 2.5 mm vertical

01.4.
Cylinder 2
Value Type 2
imperforate

02.
Booklet Pane DP 35
Value Type 2

03.
Vertical Coil C25
Value Type 2

FCP / DEX
10p

Phosphor Centre Band - Head Type D2
No: H.F/D.100.D2.CB.

orange

01.1
Booklet Pane DP41and DP43
Value Type 2

01.2
Booklet Pane DP43
Value Type 2

01.3
Booklet Pane DP41and DP43
Value Type 2
missing phosphor

02.1
Booklet Pane DP44
Value Type 4
phosphor band short at top and bottom

centre band slightly displaced to the right plus ½ mm left band

02.2
Booklet Pane DP44
Value Type 4
missing phosphor

Two Phosphor Bands 9.5 mm - Head Type D2
No: H.F/D.100.D2.2B.

All Stamps are Value Type 2

Printed on Chambon Press

01.1
Cylinder 7

01.2
Cylinder 7
missing phosphor

01.3
Cylinder 9
"brownish" shade

01.4
Cylinder 9
"reddish" shade

unusual perforation hole between the two stamps due to a damaged perforator pin

01.5
Cylinder 9
missing phosphor

FCP / DEX

10p

orange

Two Phosphor Bands 9.5 mm - Head Type D2

No: H.F/D.100.D2.2B.

All Stamps are Value Type 2

Printed on Jumelle Press

.01.
Booklet Pane DP 37
phosphor bands short at top and bottom

Printed on Chambon Press

GP01.
Cylinder 7

GP02.
Cylinder 7
missing phosphor

GP03.
Cylinder 7
blind perforation in centre margin

GP04.1.
Cylinder 9
brownish "shade"

GP04.2.
Cylinder 9
reddish "shade"

02.
Cylinder 9
original spot

original stage of spot

retouched stage

a dominant dark spot in Queens hair

03.
Cylinder 9
spot retouched

04.
Cylinder 9
horizontal scratch

a major scratch goes right through the bust and partly through the value

FCP / DEX
10p
orange

Phosphor Side Band Left, 9.5 mm - Head Type D2
No: H.F/D.100.D2.LB.

01.1.
Booklet Pane DP43
Value Type 2

additional very short band at bottom right

01.2.
Booklet Pane DP43
Value Type 2

Phosphor Side Band Left, 8 mm - Head Type D2
No: H.F/D.100.D2.LB8.

01.1.J.
Booklet Pane DP38A
Value Type 4

01.2.J.
Booklet Pane DP38A
Value Type 4
phosphor band error
additional 1 mm phosphor band at the top right

Phosphor Side Band Right, 8 mm - Head Type D2
No: H.F/D.100.D2.RB8.

01.1.J.
Booklet Pane DP38
Value Type 4

01.2.J.
Booklet Pane DP38
Value Type 4
phosphor band error
additional 1 mm phosphor band at the top left

Jumelle Press

02.1.C.
Booklet Pane DP38E
Value Type 4

02.2.C.
Booklet Pane DP38E
Value Type 4
Phosphor band error
wide 8 mm phosphor band at the left

Chambon Press

02.3.C.
Booklet Pane DP38B
Value Type 4
missing phosphor

02.1.C.
Booklet Pane DP38B
Value Type 4

02.2.C.
Booklet Pane DP38B
Value Type 4
Phosphor band error
wide 8 mm phosphor band at the right

No: H.F/D.100.D2.LB8.02.2.C.

wide 8 mm phosphor band at the left

No: H.F/D.100.D2.LB8.01.2.J.

additional 1 mm phosphor band at the top right

No: H.F/D.100.D2.RB8.01.2.J.

additional 1 mm phosphor band at the top left

No: H.F/D.100.D2.RB8.02.2.C.

wide 8 mm phosphor band at the right

FCP / DEX

10½p and 11p

Yellow

Slate - Blue

Orange - Pink

First Issued:

10p Yellow - February 1976
10½p Slate-Blue - April 1978
11p Orange-Pink - February 1976

FCP / DEX

10½p

Two Phosphor Bands

No: H.F/D.105.2B.

slate blue

02.

Cylinder 1

yellow

01.

Cylinder 1

01.1.

Cylinder 1
phosphor wash
„all over phosphor"
normal bands are visible

11p

pastel red

Two Phosphor Bands

No: H.F/D.105.2B.

01.

Cylinder 4

01.1.

Cylinder 4
missing phosphor

02.

Cylinder 4
phosphor under ink

FCP / DEX

11½p

Drab

First Issued in January 1981

FCP / DEX
11½p

Phosphor Band Centre - Head Type B2
No: H.F/D.115.CB.B2.

All Stamps on this Page are Value Type1 unless otherwise stated

drab

Value Type 1
thin elements

01.1.
Cylinder 1 and 3

Value Type 2
thick elements

01.2
Cylinder 3
imperforate

02.
Booklet Pane DP46

03.
Vertical Coil C27

04.
Booklet Pane DP50
Value Type 2
phosphor band short at top and bottom

FCP / DEX
11½p

All Stamps on this Page are Value Type1

drab

Phosphor Band Left - Head Type B2
No: H.F/D.115.LB.B2.

01.1.
Booklet Pane 45A

01.2.
Booklet Pane 45A
missing phosphor

02.
Booklet Pane 48A
darker shade

Phosphor Band Right - Head Type B2
No: H.F/D.115.RB.B2.

01.1.
Booklet Pane DP45

01.2.
Booklet Pane 45
narrow phosphor band 2 mm

01.3.
Booklet Pane 45
wide phosphor band 6 mm

02.
Booklet Pane 48
darker shade

narrow phosphor band 2 mm

wide phosphor band 6 mm

Phosphor Band Left - Head Type B1
No: H.F/D.115.LB.B1.

01.
Booklet Pane DP49A

Phosphor Band Right - Head Type B1
No: H.F/D.115.RB.B1.

01.
Booklet Pane DP49

FCP / DEX

12p

Lime Green

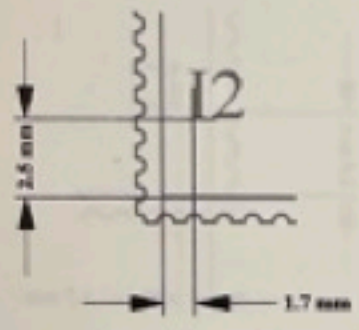
Emerald Green

First Issued in February 1980 / October 1985

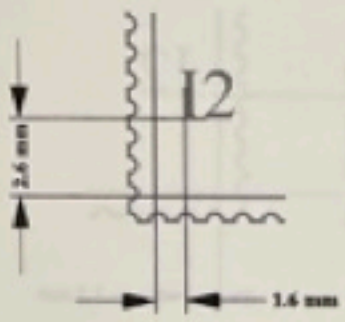
FCP / DEX
12p

Value Type 1
used with
lime green stamps

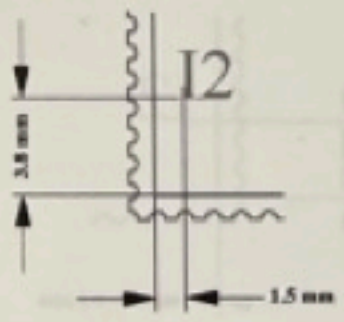
Value Type 2
used with
emerald green stamps



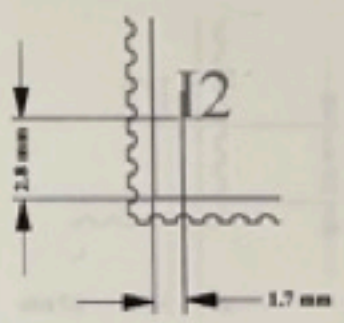
Value Type 1
Booklet Pane DP44



Value Type 1a
Booklet Pane DP38
Chambon Press



Value Type 1b
Booklet Pane DP 38
Jumelle Press



Value Type 1c
Booklet Pane DP40 / 43

No.: 120.2B8.02.2.

No.: 120.2B8.02.3.

No.: 120.2B.01.3.

No.: 120.2B.01.4.

No.: 120.2B.01.5.

No.: 120.2B.01.5.

No.: 120.2B.02.1.

No.: 120.CB.02.4.

No.: 120.CB.04.2. and 05.2.

Extra Pin Variety

Due to a fault in the APS machine a repair was needed and an extra pin was inserted in the perforator, resulting in 17 holes down the vertical side of the stamp instead of the normal 16 (corner perforation holes not counted).

The damage is between the first and second vertical row. However, the position varies up and down from sheet to sheet.

FCP / DEX
12p

Two Phosphor Bands 8 mm
No: H.F/D.120.2B8.

lime green

Printed on Jumelle Press

01.
Booklet Pane DP38 / 38A

Printed on Chambon Press

02.1.
Booklet Pane DP38D / 38E

02.2.
Booklet Pane DP38D / 38E
wide 8 mm
phosphor band left

02.3.
Booklet Pane DP38D / 38E
wide 8 mm
phosphor band right

02.4.
Booklet Pane DP38D / 38E
missing phosphor

Two Phosphor Bands
No: H.F/D.120.2B.

01.1.
Booklet Pane DP 40 / DP43

01.2.
Booklet Pane DP 40 / DP43
missing phosphor

01.3.
Booklet Pane DP 40 / DP43
wide phosphor band
centre 6.5 mm

01.4.
Booklet Pane DP 40 / DP43
wide phosphor band
centre 9.5 mm

01.5.
Booklet Pane DP 40 / DP43
wide phosphor band
inset left 9.5 mm

01.6.
Booklet Pane DP 40 / DP43
left phosphor band inset

02.1.
Booklet Pane DP 44
phoasphor bands short
at top and bottom

02.2
Booklet Pane DP 44
missing phosphor

FCP / DEX
12p

Phosphor Band Centre
No: H.F/D.120.CB.

emerald green

01.1.
Cylinder 9, 10, 11, 12, 13,

01.2.
Cylinder 11
sreened value

01.3.
Cylinder 9
missing fhosphor

01.4.
Cylinder 9
white spot in Queens face

01.1.
Vertical Coil C28A

01.4.
Horizontal Coil C28B

01.5
Cylinder 12
perforator pin repair - "17 pin variety"

02.1.
Booklet Pane DP84

02.2.
Booklet Pane DP84
very thin value

02.3.
Booklet Pane DP84
"white face"

02.4
Booklet Pane DP84
narrow 2 mm phosphor band

02.5.
Booklet Pane DP84
missing phosphor

FCP / DEX
12p

Phosphor Band Centre
No: H.F/D.120.CB.

emerald green

03.
Booklet Pane DP90

04.1.
Cylinder 9 and 10

blue star (2nd star)
printed on gummed side

04.2.
Cylinder 9
phosphor band displaced right

Phosphor Band Centre 4.5 mm

05.1.
Booklet Pane DP 87
"British Rail"

05.2.
Booklet Pane DP87
"British Rail"
phosphor band displaced right

05.3.
Booklet Pane DP87
"British Rail"
missing phosphor

Phosphor Band Left
No: H.F/D.120.LB.

01.
Booklet Pane DP 88
"British Rail"

Phosphor Band Centre
No: H.F/D.120.CB.
A Phosphor

06.1.
Cylinder 13

06.2.
Cylinder 13
phosphor wash

Phosphor Band Right
No: H.F/D.120.RB.

01.
Booklet Pane DP88
"British Rail"

FCP / DEX

12½p

Light Emerald

First Issued in January 1982

FCP / DEX
12½p
Phosphor Band Centre
No: H.F/D.125.CB.

pastel green

All Stamps on this Page are Value Type 1

01.1.1.
CCylinder 1

01.2.2.
Cylinder 2
Imperforate

01.2.1.
Cylinder 2

01.1.2.
Cylinder 1
perforation shift
3 mm vertical

01.2.2.
Cylinder 2
perforation shift
11 mm vertical

01.2.3.
Cylinder 2
missing phosphor

01.3.
Cylinder 10

01.4.1.
Cylinder 11
darker shade

01.4.2.
Cylinder 11
darker shade
imperforate

FCP / DEX

12½p

pastel green

Phosphor Band Centre

Value Type 1

Phosphor Band Variations

No: H.F/D.125.CB.

Due to a doctor blade fault during the process of phosphor band printing a number of band variations occurred.

01.1.2.

Cylinder 1

two additional phosphor bands, 1 mm and 2 mm, on the left

01.1.3.

Cylinder 1

one additional phosphor band, 1 mm, at the extrem left

01.1.4.

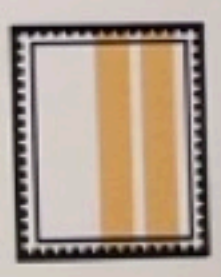
Cylinder 1

two additional phoshor bands on the right, each 3 mm

01.1.5.

Cylinder 1

one additional phosphor band, 4 mm, on the right



01.1.6.

Cylinder 1

one additional phosphor band, 2 mm, on the right

01.1.7.

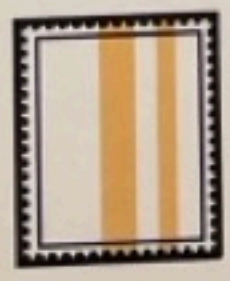
Cylinder 1

Phosphor wash "all over phosphor"

01.4.2.

Cylinder 11

***darker shade* phosphor wash "all over phosphor"**



FCP / DEX
12½p
pastel green

Phosphor Band Centre

Value Type 1

PUI
Phosphor under Ink

No: H.F/D.125.CB.
all stamps are cylinder 2

02.1

02.2

perforation shift
6 mm vertical and 2 mm horizontal

Phosphor Band Variations

02.3.1.

phosphor wash
"all over phosphor"

02.3.2.

phosphor band
displaced to the right

02.3.3.

phosphor band
displaced to the left

02.3.4.

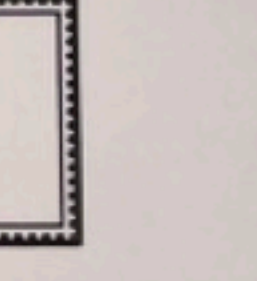
two narrow phosphor bands
at left and right margins

02.4.2.

imperforate
phosphor bands displaced to the left

02.3.5

narrow 2 mm phosphor band
at the left margin



FCP / DEX
12½p
pastel green

Phosphor Band Centre

No: H.F/D.125.CB.

03.

Value Type 2
Vertical Coil

Booklet Pane DP 52 and 52A

04.1.

Value Type 2

04.2.

Value Type 2
missing phosphor band

Booklet Pane DP57

05.1.

Value Type 1
centre band short at bottom

05.2.

Value Type 1
missing phosphor band

Phosphor Band top and bottom short
Star Type 1 printed in blue on the back

Booklet Pane DP59

06.1.

Value Type 1

06.2.

Value Type 1
missing phosphor band

06.3.

Value Type 1
vertical phosphor band shift two additional short bands at top

06.4.

Value Type 1
vertical phosphor band shift two additional short bands at bottom

No. H.F/D.125.CB.06.3.

vertical phosphor band shift two additional short bands at top

Star Type 1
printed on the back oft he stamp

No. H.F/D.125.CB.06.4.

vertical phosphor band shift two additional short bands at bottom

FCP / DEX
12½p
pastel green

Phosphor Band Centre

No: H.F/D.125.CB.

07.1.
Value Type 3
Booklet Pane DP60

07.2.
Value Type 3
Booklet Pane DP60
missing phosphor

Phosphor Band top and bottom short
Star Type 2 printed in blue on the back

08.
Value Type 2
Booklet Pane DP67

Star Type 2
printed on the back oft he stamp

Phosphor Band
top and bottom short

09.
Value Type 1
Booklet Pane DP67

Two Phosphor Bands, 8 mm
dark pastel green

No: H.F/D.125.2B8.

Phosphor Band Error*

left phosphor band
short at top and bottom

01.
Value Type 2
Booklet Pane DP53D
right phosphor band
short at top and bottom

02.
Value Type 2
Booklet Pane DP53D
left phosphor band
short at top and bottom

left phosphor band
short at top and bottom

** The phosphor bands in booklet pane DP53D are displaced by one row.*
The bands which should be on the 15½p stamp are now on the 12½p stamp.

FCP / DEX
12½p
pastel green

Phosphor Band Left, 8 mm
No: H.F/D.125.LB8.

01.1.
Value Type 1
Booklet Pane 51A

phosphor band error
additional 1mm short band at the top right

01.2.
Value Type 1
Booklet Pane 51A
additional 1mm short band at the top right

dark pastel green

02.1.1.
Value Type 2
Booklet Pane DP53

bright pastel green

02.1.2.
Value Type 2
Booklet Pane DP53

dull pastel green

03.1.
Value Type 1
Booklet Pane DP56

Phosphor Band Right, 8 mm
No: H.F/D.125.RB8.

pastel green

01.1.
Value Type 1
Booklet Pane DP51

pastel green

01.2.
Value Type 1
Booklet Pane DP51
additional 1mm short band at the top left

phosphor band error
additional 1mm short band at the top left

dark pastel green

02.1.1.
Value Type 2
Booklet Pane DP53

bright pastel green

02.1.2.
Value Type 2
Booklet Pane DP53

dull pastel green

03.1.
Value Type 1
Booklet Pane DP56

phosphor band error
6 mm wide phosphor band right

03.4.
Value Type 1
Booklet Pane DP56
6 mm wide phosphor band right

FCP / DEX
12½p
pastel green

Phosphor Band Left, 9.5 mm

No: H.F/D.125.LB.

01.1.
Value Type 1
Booklet Pane DP57

phosphor band short at top

01.2.
Value Type 1
Booklet Pane DP57
phosphor band short at top

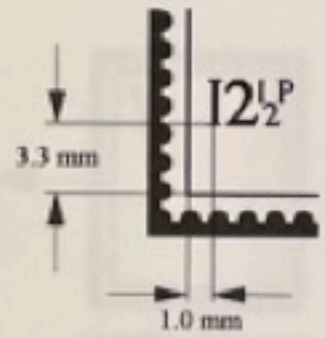
01.3.1.
Value Type 1
Booklet Pane DP57
wide 9.5 mm phosphor band at left

phosphor band error
wide 9.5 mm phosphor band at left

phosphor band error
wide 9.5 mm phosphor band at left, short at top

01.3.2.
Value Type 1
Booklet Pane DP57
wide 9.5 mm phosphor band at left, short at top

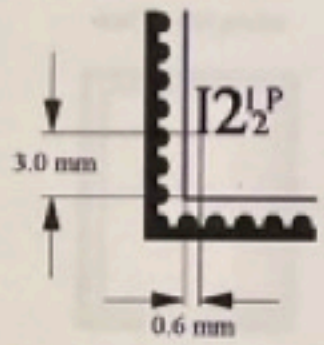
02.1.
Value Type 1
Booklet Pane DP61 and DP61A



Value Type 1

03.1.
Value Type 1
Booklet Pane DP63A

04.1.
Value Type 1a
Booklet Pane DP63



Value Type 1a

04.2.
Value Type 1a
Booklet Pane DP63
phosphor wash
"all over phosphor"

FCP / DEX
12½p
pastel green

Phosphor Band Right, 9.5 mm

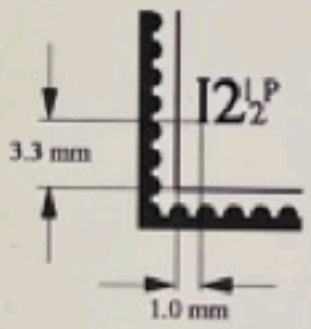
No: H.F/D.125.RB.

01.1.
Value Type 1
Booklet Pane DP57

wide 9.5 mm phosphor band at centre

01.2.
Value Type 1
Booklet Pane DP57
wide 9.5 mm phosphor band at centre

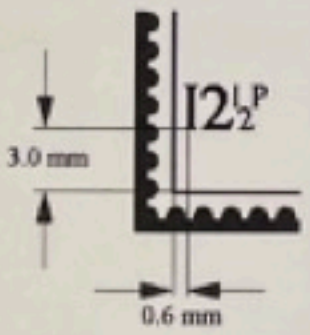
02.1.
Value Type 1
Booklet Pane DP61 and DP61A



Value Type 1

03.1.
Value Type 1
Booklet Pane DP63A

04.1.
Value Type 1a
Booklet Pane DP63 and DP64



Value Type 1a

04.2
Value Type 1a
Booklet Pane DP63
phosphor wash
"all over phosphor"

Missing Phosphor Band*

02.2
Value Type 1
Booklet Pane DP61 and DP61A

04.3
Value Type 1a
Booklet Pane DP63 and DP64

**Missing phosphor can be from both stamps, left or right phosphor band*

FCP / DEX

13p

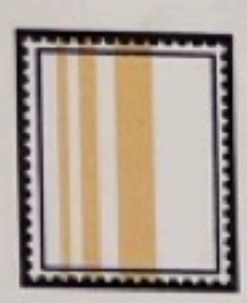
First Issued in February 1980 / October 1985

FCP / DEX
13p
chestnut

B3 Phosphor

Phosphor Band Centre 4 mm, except were otherwise stated

No: H.F/D.130.CB.B3ph.



two additional phosphor bands left of centre band, 1 and 1.5 mm

01.3.
Cylinder 14
perforator pin repair - "17 pin variety"

two additional phosphor bands right of centre band 1 and 1.5 mm

01.1.
Cylinder 7 and 14

01.2.
Cylinder 7
two additional phosphor bands left

01.3.
Cylinder 7
two additional phosphor bands right

02.
Vertical Coil C30

03.1.
Horizontal Coil C30A
4.5 mm phosphor band

03.2.
Horizontal Coil C30A
4.5 mm phosphor band
phosphor band displaced right

04.1.
Booklet Pane DP68

04.2.
Booklet Pane DP68
missing phosphor band

05.1.
Booklet Pane DP70 and DP70A
deep chestnut

05.2.
Booklet Pane DP70 and DP70A
pale chestnut

Blue Star Type 2

06.
Booklet Pane DP78
5 mm phosphor band

08.
Booklet Pane DP68B and DP68C
Blue Star Type 2 printed on the gum

07.
Booklet Pane DP94
4.5 mm phosphor band

FCP / DEX
13p

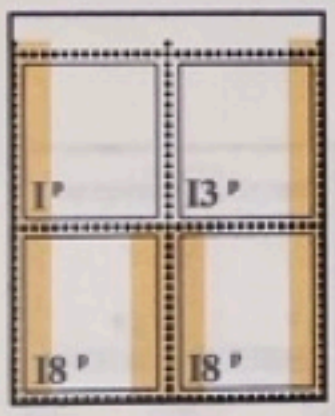
chestnut

B3 Phosphor

Phosphor Band Left
No: H.F/D.130.1.B.B3ph.

01.1
Booklet Pane DP71 and DP71A
deep chestnut

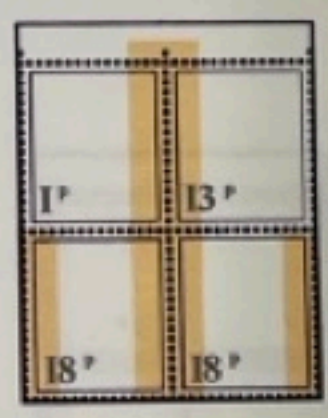
01.2
Booklet Pane DP71 and DP71A
pale chestnut



DP93 - *corect phosphor bands* -
13p stamp has one band right

02.
Booklet Pane DP93A

phosphor band error
Phosphor bands are revered due to an unsynchronised phosphor cylinder. Results is a 13p stamp with phosphor band left.



DP93 - *phosphor band error* -
13p stamp has one band left

03.
Booklet Pane DP73 and DP75
deep dull chestnut

04.
Booklet Pane DP74
brownish chestnut

06.
Booklet Pane DP95

05.
Booklet Pane DP79
pale chestnut

FCP / DEX
13p

chestnut

B3 Phosphor

Phosphor Band Right
No: H.F/D.130.RB.B3ph.

01.1
Booklet Pane DP71 and DP71A
deep chestnut

01.2
Booklet Pane DP71 and DP71A
pale chestnut

02.1
Booklet Pane DP73 and DP75
deep chestnut

02.2
Booklet Pane DP79
pale chestnut

03.1
Booklet Pane DP93

additional 1mm short phosphor band at bottom left

03.2
Booklet Pane DP3
additional 1mm phosphor band at bottom left

Two Phosphor Bands - Phosphor Band Error

Booklet Panes DP71B and DP71C - Due to an unsynchronised phosphor cylinder, the phosphor bands were reversed. 13p stamps have now the bands which the 17p stamps should have and vice versa.

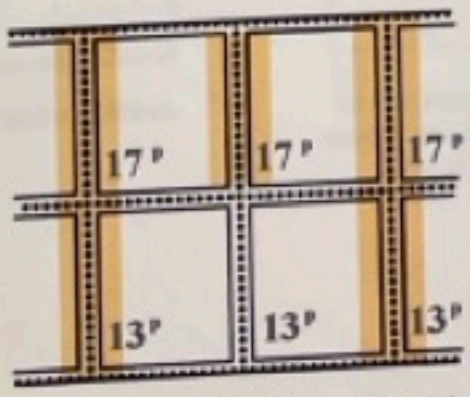
No: H.F/D.130.2B.B3ph.

01.1
left phosphor band short at top and bottom
deep chestnut

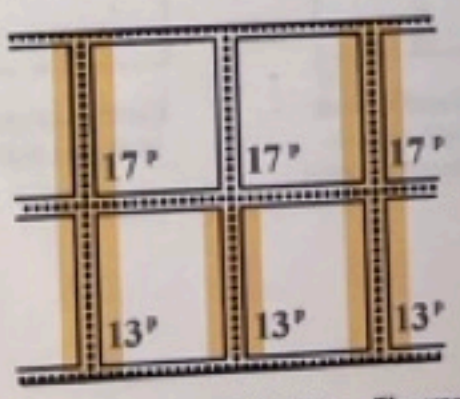
01.2
left phosphor band short at top and bottom
pale chestnut

02.1
right phosphor band short at top and bottom
deep chestnut

02.2
right phosphor band short at top and bottom
pale chestnut



Section of Booklet Pane DP71/71A - *„The original pane".*
13p stamps with phosphor bands left or right.



Section of Booklet Pane DP71B/71C - *„The error pane".*
13p stamps have now two phosphor bands with either, the left or right band, short at top or bottom.

FCP / DEX
13p

chestnut

A Phosphor

Phosphor Band Centre 4 mm, except were otherwise stated

No: H.F/D.130.CB.Aph.

01.1.
Cylinder 7, 14, 15

01.2.
Cylinder 14
2.5 mm perforation shift

01.3.
Cylinder 15
missing phosphor band

02.
Booklet Pane DP94C

03.
Booklet Pane DP68D and DP68E

04.
Booklet Pane DP97 and DP99

01.1.
Booklet Pane DP100 and DP101

4.5 mmPhosphor Band

06.1.
Booklet Pane DP94A

06.2
Booklet Pane DP94A
short 5 mm phosphor band at top

07.1.
Booklet Pane DP94B
straight edge right

07.2.
Booklet Pane DP 94B
straight edge right missing phosphor band

short 5 mm phosphor band at top

FCP / DEX
13p
chestnut

A Phosphor

Phosphor Band Left
No: H.F/D.130.LB.Aph.

02.
Booklet Pane DP95A

01.
Booklet Pane DP93C
phosphor band reversed
for explanation see under B3 Phosphor - phosphor band error DP93 / 93A

03.
Booklet Pane DP95B
straight edge left

Phosphor Band Right
No: H.F/D.130.RB.Aph.

01.1.
Booklet Pane DP93D
deep chestnut

01.2.
Booklet Pane DP93D
pale chestnut

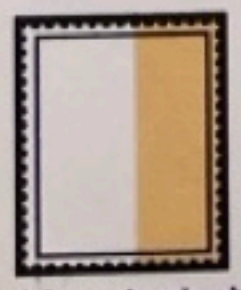
01.3.
Booklet Pane DP93D
additional 1 mm short phosphor bandat bottom left

01.4.
Booklet Pane DP93D
wide 9.5 mm phosphor band

01.5.
Booklet Pane DP93D
narrow 1 mm phosphor band

02.
Booklet Pane DP98

additional 1mm short phosphor band at bottom left



wide 9.5 mm phosphor band

narrow 1mm phosphor band

FCP / DEX

14p

Steel Blue

Dark Blue

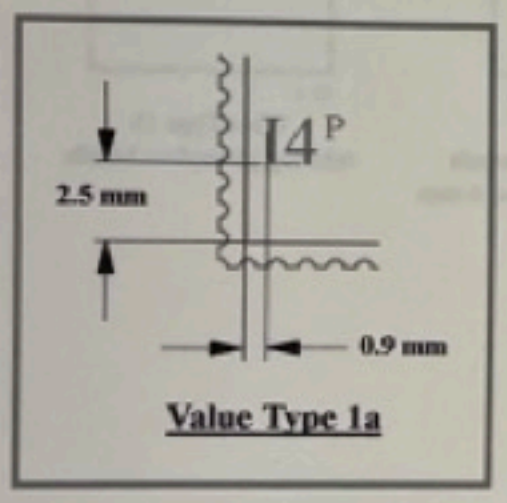
First Issued:

Steel Blue - January 1981
Dark Blue - August 1988

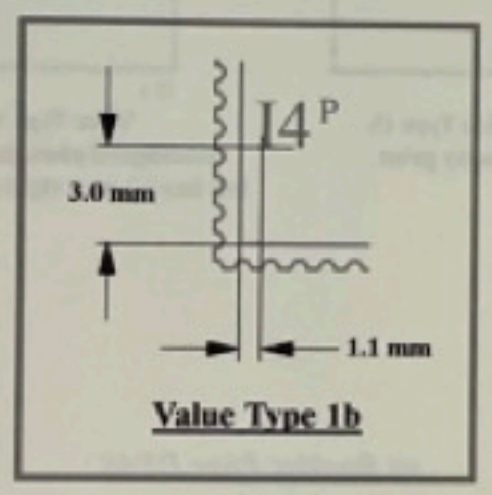
FCP / DEX
14p

Value Type 1
used on
steel bue stamps

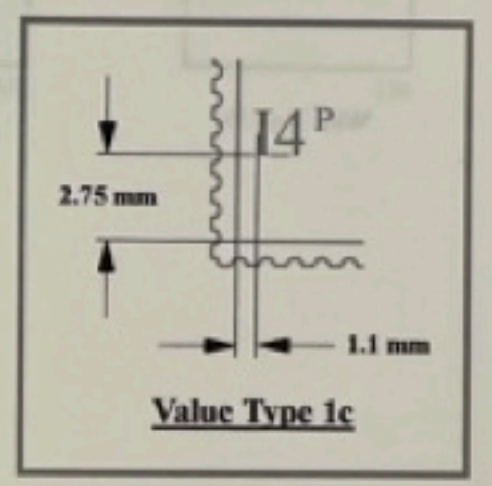
Value Type 2
used on
dark blue stamps



Value Type 1a



Value Type 1b



Value Type 1c

misaligned phosphor bands
left band 2 mm, right band 6 mm
Booklet Pane DP45

both phosphor bands
short at top and bottom
Booklet Pane DP50

FCP / DEX
14p
steel - blue

Two Phosphor Bands 8 mm
No: H.F/D.140.2B8.

ex Booklet Pane DP45

01.1.
Value Type 1a

01.2.
Value Type 1a
spotty print

01.3.
Value Type 1a
misaligned phosphor bands
left band 6 mm, right band 2 mm

02.1.
Value Type 1b

02.2.
Value Type 1b
spotty print

02.3.
Value Type 1b
misaligned phosphor bands
left band 2 mm, right band 6 mm

02.4.
Value Type 1b
missing phosphor bands

ex Booklet Pane DP48

03.1.1.
light steel-blue

03.1.2.
light steel-blue
left phosphor band
short at top and bottom

03.1.3.
light steel-blue
right phosphor band
short at top and bottom

03.2
dark steel-blue

03.2.2.
dark steel-blue
left phosphor band
short at top and bottom

03.2.3.
dark steel-blue
right phosphor band
short at top and bottom

FCP / DEX
14p

B3 Phosphor

Two Phosphor Bands 9.5 mm
No: H.F/D.140.2B.B3ph.

steel - blue

01.
Booklet Pane DP50
Value Type 1c
both phosphor bands
short at top and bottom

A Phosphor

Phosphor Band Right
No: H.F/D.140.RB.Aph.

deep blue

01.1.
Booklet Pane DP116
complete phosphor band

01.2.
Booklet Pane DP116
phosphor band short at top

01.3.
Booklet Pane DP116
phosphor band short at bottom

01.4.
Booklet Pane DP116
missing phosphor band

02.1.
Booklet Pane DP117

02.2.
Booklet Pane DP117
phosphor band short at top

FCP / DEX
14p

A Phosphor

Phosphor Band Centre
No: H.F/D.140.CB.Aph.

deep blue

01.4
Cylinder 10
imperforate

01.1.
Cylinder 10

01.2
Cylinder 10
deep grey blue

01.3.
Cylinder 10
misperforated

02
Booklet Panes DP109 and DP110

Booklet Pane DP109

03
Booklet Pane DP114

04
Horizontal Coil C31A

05
Vertical Coil C31B

FCP / DEX
14p

A Phosphor

Phosphor Band Centre
No: H.F/D.140.CB.Aph.

deep blue

ex Booklet Panes DP109A, DP109B and DP110A

Booklet Pane DP109A

Booklet Pane DP109B

06.
straight edge top

07.
straight edge bottom

08.
straight edge top and right

09.
straight edge right and bottom

10.
straight edge bottom
phosphor band short at top

11.
straight edge right and bottom
phosphor band short at top

12.
straight edge top
missing phosphor band

Booklet Pane DP109A
missing phosphor

13.
straight edge top and right
missing phosphor band

FCP / DEX

15p

Bright Blue

First Issued in September 1989

FCP / DEX
15p
bright blue

Phosphor Band Centre
No: H.F/D.150.CB.

01.1.
Cylinder 3

01.2.
Cylinder 3
narrow 2 mm phosphor band

01.3.
Cylinder 3
missing phosphor band

02.
Horizontal Coil C31C
thin value

01.4.
Cylinder 3
imperorate

03.
Vertical Coil C31D

Phosphor Band Left
No: H.F/D.150.LB.

0.1.
Booklet Pane DP132
phosphor band inset

phosphor band inset

phosphor band notched in the top left corner

01.2.
Booklet Pane DP132
phosphor band notched in the top left corner

Phosphor Band Right
No: H.F/D.150.RB.

01.
Booklet Pane DP147

FCP / DEX

15½p

Pale Violet

First Issued in February 1982

FCP / DEX
15½p

pale violet

Value Type 1
thick elements

Value Type 2
thin elements

Two Phosphor Bands 8 mm
No: H.F/D.155.2B8.

Stamps ex Booklet Panes DP53, 53A
Value Type 1

01.1.
very pale violet

01.2.
very pale violet
left phosphor band
short at top and bottom

01.3.
very pale violet
right phosphor band
short at top and bottom

02.1.
deep pale violet

02.2.
deep pale violet
left phosphor band
short at top and bottom

02.3.
deep pale violet
right phosphor band
short at top and bottom

left phosphor band
short at top and bottom

right phosphor band
short at top and bottom

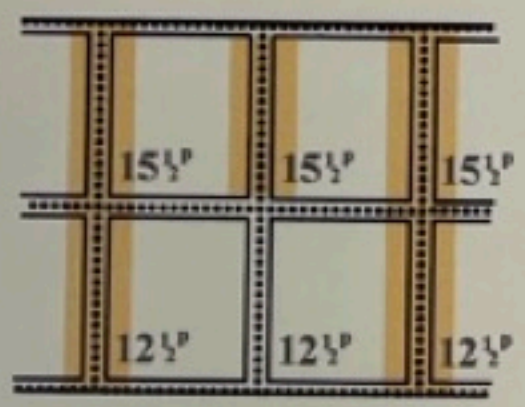
FCP / DEX
15½p
pale violet

Stamps ex Booklet Panes DP53B
Value Type 1

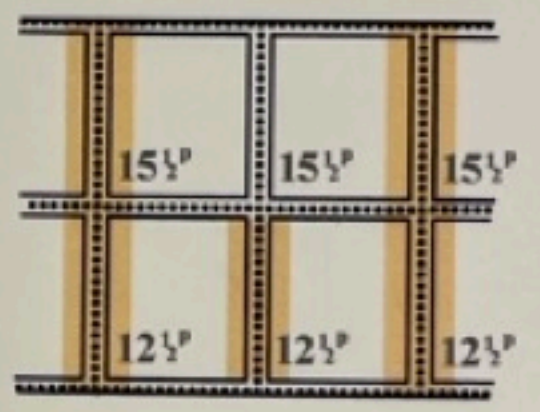
Phosphor Band Error

Phosphor Band Left or Phosphor Band Right

Booklet Panes DP53B - Due to an unsynchronised phosphor cylinder, the phosphor bands were reversed. 12½p stamps now have the bands which should be on the 15½p stamps and vice versa.



Section of Booklet Pane DP53 and DP53A
„The original pane" - **15½p stamps with two phosphor bands, either left or right band short at top and bottom.**



Section of Booklet Pane DP53B
„The error pane - **15½p stamps have now one phosphor band , either left or right.**

No: H.F/D.155.LB8.
phosphpor band 8 mm left

No: H.F/D.155.LB8.
phosphor band 8 mm right

phosphor band left 8mm

phosphor band right 8mm

FCP / DEX
15½p

pale violet

Two Phosphor Bands 9.5 mm

No: H.F/D.155.2B.

Stamps ex Booklet Panes DP55 and DP58

Value Type 2

01.1

01.2.

missing phosphor bands

Stamps ex Booklet Panes DP59

Value Type 1 - Both Phosphor Bands short at Top and Bottom

Star Type 1 printed on the gum

02.1.

02.2.

missing phosphor band

02.3.

additional short 1.5 mm phosphor band at bottom

02.4.

both phosphor bands short at bottom

02.5.

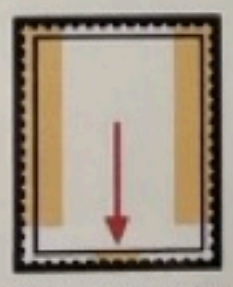
left phosphor band omitted

both phosphor bands short at top and bottombottom

the correct phosphor bands

both phosphor bands short at bottom

phosphor band error



additional short 1.5 mm phosphor band at centre

phosphor band error

FCP / DEX

16p

Mushroom

First Issued in April 1983

FCP / DEX
16p
mushroom

Two Phosphor Bands, 9.5 mm
No: H.F/D.160.2B.

All Stamps are ex Booklet Panes DP61 and DP61A

pale mushroom

01.1.

02.1.
left phosphor band short at top and bottom

03.1
right phosphor band short at top and bottom

04.1.
left phosphor band omitted

left phosphor band short at top and bottom

right phosphor band short at top and bottom

dark mushroom

02.2
left phosphor band short at top and bottom

03.2
riht phosphor band short at top and bottom

01.2

FCP / DEX

17p

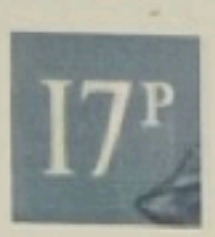
Grey - Blue

Dark Blue

First Issued:

Grey - Blue - September 1984
Dark Blue - April 1990

FCP / DEX
17p



Value Type 2
thick elements

Value Type 3
thin elements
especially thin letter "p"

Two Phosphor Bands

No: H.F/D.170.2B.B3ph.

B3 Phosphor

grey - blue

Value Type 2

Booklet Pane DP 71, DP71A, DP71B and DP71C

01.1.1.
deep grey-blue

01.1.2.
light grey-blue

01.2.1.
deep grey-blue

01.2.2.
light grey-blue

left phosphor band
short at top and bottom

01.3.1.
deep grey-blue

01.3.2.
light grey-blue

right phosphor band
short at top and bottom

Phosphor Band Error

Phosphor Band Left and Right on Booklet Panes DP71B and DP71C

Due to an unsynchronised phosphor cylinder, the phosphor bands on these booklet panes were reversed. 17p stamps have now the bands which the 13p stamps should have and vice versa.*

No: H.F/D.170.LB.B3ph.

02.
phosphor band left

03.
phosphor band right

No: H.F/D.170.RB.B3ph.

**for more detailed information on this error please refer to section 13p, phosphor band error.*

FCP / DEX
17p

Two Phosphor Bands
No: H.F/D.170.2B.B3ph.

B3 Phosphor

grey - blue

Booklet Pane DP 74

Value Type 3

04.1.

04.2.
left phosphor band
very short at top

04.3.
right phosphor band
short at bottom

Booklet Pane DP 85A, DP785A

Value Type 2

05.1.1.
deep grey-blue

05.1.2.
light grey-blue

05.2.1.
deep grey-blue

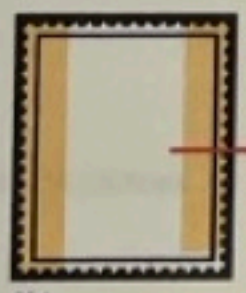
05.2.2.
light grey-blue

left phosphor band
short at top and bottom

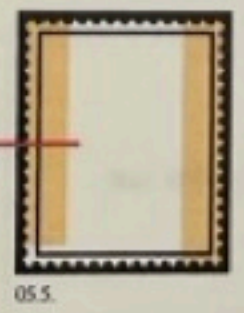
05.3.1.
deep grey-blue

05.3.2.
light grey-blue

right phosphor band
short at top and bottom


05.4.
right phosphor band
very short at bottom

deep grey-blue


05.5.
left phosphor band
very short at bottom

FCP / DEX
17p

Two Phosphor Bands
No: H.F/D.170.2B.B3ph.

B3 Phosphor

grey - blue

Value Type2

06.
Booklet Pane DP79

07.
Booklet Pane DP88
very light grey-blue

Booklet Pane DP 82

08.1.
deep grey-blue

08.2.
both phosphor bands
short at top

08.3.
both phosphor bands
short at bottom

Star Type 2
printed on gum

08.4.
left phosphor band inset

08.5.
right phosphor band inset

very light grey-blue

08.6.
left phosphor band omitted

08.7.
right phosphor band omitted

08.8.
right phosphor band omitted
left band short at top

Booklet Pane DP 82A
(No Star)

09.1.

09.2.
both phosphor bands
short at top

09.3.
left phosphor band inset

FCP / DEX
17p

A Phosphor

dark - blue

Phosphor Band Centre
No: H.F/D.170.CB.Aph.

01.
Cylinder 17

02.
Vertical Coil C34A

Booklet Pane DP 162

Phosphor Band Left
No: H.F/D.170.LB.Aph.

03.1.

03.2.
phosphor band short at bottom

03.3.
phosphor band inset

03.4.
missing phosphor band

Phosphor Band Right
No: H.F/D.170.RB.Aph.

04.1.

04.2.
phosphor band short at top

04.3.
phosphor band short at bottom

Booklet Pane DP 163

Phosphor Band Right - Straight edge left
No: H.F/D.170.RB.Aph.

05.1.

05.2.
phosphor band short at top

05.3.
thin horizontal stroke through "7"

FCP / DEX

18p

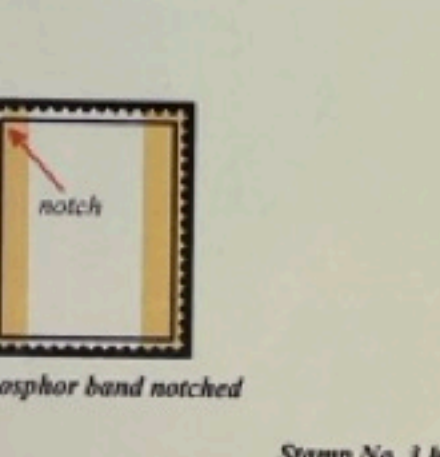
Grey - Green

Bright Green

First Issued:

Grey - Green - Januar 1987
Bright Green - September 1991

Layout of Phosphor Bands for 18p Stamps on Booklet Panes DP93 and DP95



Correct Phosphor bands
DP93 and DP93B
Stamp No. 3 has right phosphor band short at top
Stamp No. 4 has left phosphor band short at top

left phosphor band notched

DP93, DP93A, DP93B, DP93C
Dp93 and DP93A has B3 Phosphor
Dp93B and DP93C has A Phosphor

Displaced Phosphor Bands
Booklet Pane DP93D
Stamp No. 3 has wide phosphor band left and narrow 1 mm band right, short at top
Stamp No. 4 has wide phosphor band left, short at top and narrow band right

ERROR PANE
due to unsynchronised phosphor cylinder

Reversed Phosphor Bands
DP93A and DP93C
Stamp No. 3 has left phosphor band short at top
Stamp No. 4 has right phosphor band short at top

left phosphor band inset

DP95 and DP95A
DP95 has B3 Phosphor
DP95A has A Phosphor

Stamp No. 2 has left phosphor band inset
Stamp No. 3 has right phosphor band short at top
Stamp No. 4 has left phosphor band notched
Stamps No. 5 and 6 have two phosphor bands

DP95B
DP95B has A Phosphor

FCP / DEX
18p

B3 Phosphor

Two Phosphor Bands
No: H.F/D.180.2B.B3ph.

grey - green

01.
Booklet Pane DP95

02.
Booklet Pane DP93
left phosphor band short at top

03.
Booklet Pane DP93 and DP95
right phosphor band short at top

04.
Booklet Pane DP95
left phosphor band inset

05.
Booklet Pane DP95
left phosphor band notched

pale grey - green

06.
Booklet Pane DP93
left phosphor band short at top

07.
Booklet Pane DP93
right phosphor band short at top

Phosphor Band Error
bands reversed due to uncynchronised phosphor cylinder

X1
Booklet Pane DP93A

FCP / DEX
18p

A Phosphor

Two Phosphor Bands
No: H.F/D.180.2B.Aph.

grey - green

01.1.
Booklet Pane DP95A

01.2.
Booklet Pane DP95A
missing phosphor bands

02.
Booklet Pane DP93B
left phosphor band short at top

03.
Booklet Pane DP93B and DP95A
right phosphor band short at top

04.
Booklet Pane DP95A
left phosphor band inset

05.
Booklet Pane DP95A
left phosphor band notched

06.
Booklet Pane DP98

07.1.
Booklet Pane DP95B
straight edge left

Straight Edge Left or Right

07.2.
Booklet Pane DP95B
straight edge right

08.
Booklet Pane DP95B
straight edge left
right phosphor band short at top

09.
Booklet Pane DP95B
straight edge right
left phosphor band inset

10.
Booklet Pane DP95B
straight edge right
left phosphor band notched

FCP / DEX
18p

A Phosphor

Two Phosphor Bands
No: H.F/D.180.2B.Aph.

grey - green

Phosphor Band Errors
bands reversed or dispositioned due to uncynchronised phosphor cylinder

X2.
Booklet Pane DP93C
phosphor bands reversed

X3.
Booklet Pane DP93D
phosphor bands displaced
wide phosphor band left and narrow band right

Phosphor Band Centre
No: H.F/D.180.CB.Aph.

bright green

01.2.
Cylinder 12
imperforate

01.1.
Cylinder 5 - 12

02.1.
Vertical Coil C36A

02.2.
Vertical Coil C36A
missing phosphor band

03.
Cylinder 4
deep bright green
yellowish head

X4.
Cylinder 11
blind perforation in centre margin

FCP / DEX

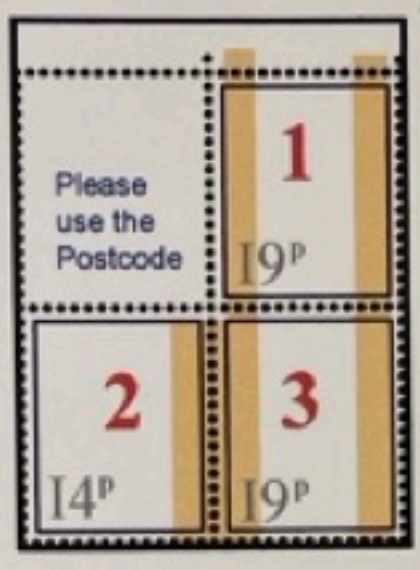
19p

Orange

First Issued: September 1988

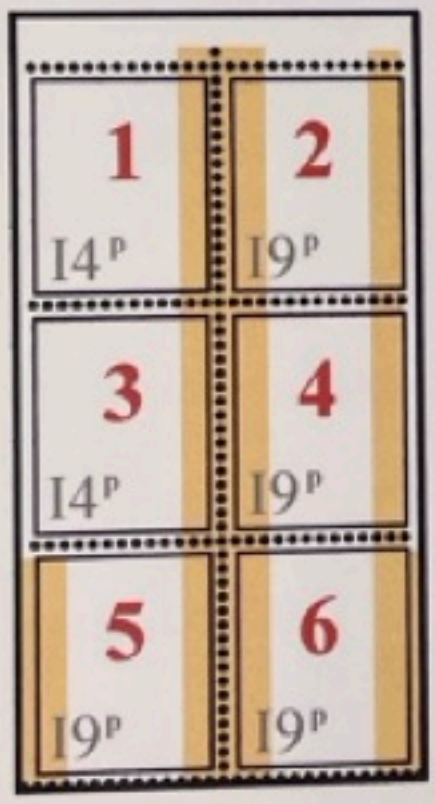
Layout of Phosphor Bands for 19p Stamps on Booklet Panes DP116 and DP117

Booklet Pane DP116



Stamp No. 1 has two phosphor bands, both Inset
Stamp No. 3 has two phosphor bands, left band notched on top and right band inset

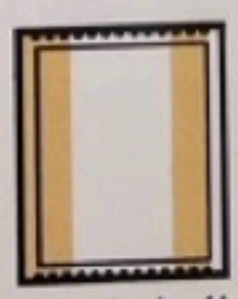
Booklet Pane DP117



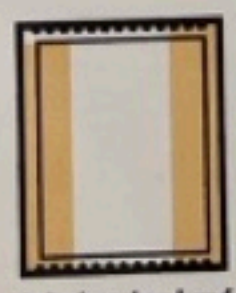
Stamps No. 2 and 4 have two phosphor bands, right band inset
Stamp No. 5 has two phosphor bands, left band short on top
Stamp No. 6 has two phosphor bands, right band notched on top

both phosphor bands inset
DP116 No. 1

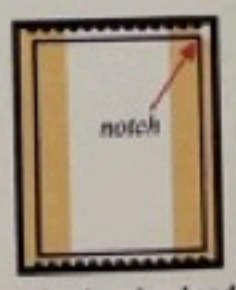
left phosphor band notched and right band inset
DP116 No. 4



right phosphor band inset
DP117 No. 2 and 4



left phosphor band short at top
DP117 No. 5



right phosphor band notched at top
DP117 No. 6

FCP / DEX
19p

orange

Two Phosphor Bands
No: H.F/D.190.2B.Aph.

Booklet Pane DP116

01.
missing phosphor bands

02.
both phosphor bands inset

03.
left phosphor band notched
right phosphor band inset

04.
both phosphor bands
short at bottom

Booklet Pane DP117

05.
right phosphor band inset

06.
left phosphor band
short at top

07.
right phosphor band
notched at top

FCP / DEX
20p

Purple

Black

Value Type 1
Original Numerals

Value Type 2
Thick Value

Value Type 3
Thin Value

Two Phosphor Bands
No: H.F/D.200.2B.B3ph.

B3 Phosphor

purple

01.
Cylinder 4
Value Type 1

02.
Cylinder 4
Value Type 1
wide 9.5 mm phosphor band right

Two Phosphor Bands
No: H.F/D.200.2B.Aph.

A Phosphor

black

01.1.
Booklet Pane DP132
Value Type 2
both phosphor bands
short at top
left band inset

01.2.
Booklet Pane DP132
Value Type 2
both phosphor bands
short at top
left band not inset

02.1.
Booklet Pane DP147
Value Type 3
11 mm distance between
phosphor bands

02.2.
Booklet Pane DP147
Value Type 3
10 mm distance between
phosphor bands

Layout of Phosphor Bands
20p Stamp on Booklet Pane DP132
22p Stamps on Booklet Pane DP163

Booklet Pane DP132

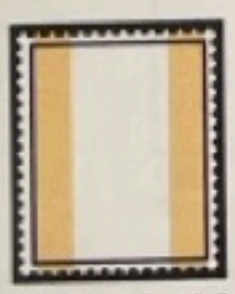
both phosphor bands are short at top, left band is inset
DP132 No. 2

Booklet Pane DP163 and DP163A

Booklet Pane DP163

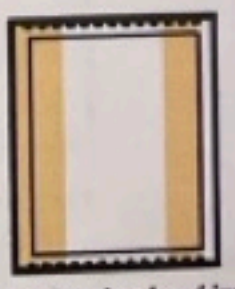
Booklet Pane DP163A

Booklet panes DP163 and DP163A were printed with two different phosphor cylinders. On pane DP163, the right hand band on the 22p values is 4 mm wide and on DP163A it is 5 mm wide.



both phosphor bands inset and short at top
DP163 No. 1

left phosphor band notched and right band inset
DP163 No. 3



right phosphor band inset
DP163 No. 5

FCP / DEX
22p

orange-red

Two Phosphor Bands
No: H.F/D.220.2B.

Right Phosphor Band 4 mm

01.
Booklet Pane DP163
both phosphor bands inset and short at top

02.
Booklet Pane DP163
left phosphor band notched and right band inset

03.
Booklet Pane DP163
right phosphor band inset

04.
Booklet Pane DP163
missing phosphor bands

Right Phosphor Band 5 mm

05.
Booklet Pane DP163A
both phosphor bands inset and short at top

06.
Booklet Pane DP163A
left phosphor band notched and right band inset

07.
Booklet Pane DP163A
right phosphor band inset

FCP / DEX

Two Phosphor Bands

bright red

purple

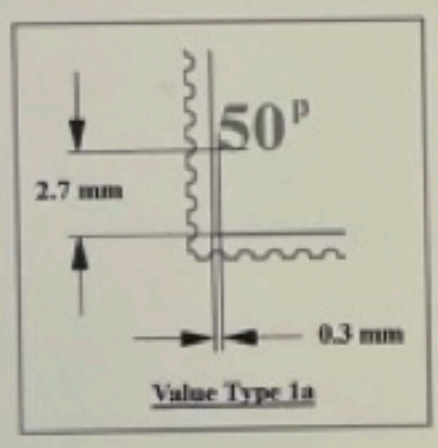
olive-sepia

drab-ochre

No: H.F/D.260.2B.01.Aph.
A Phosphor
Booklet Pane DP98

No: H.F/D.310.2B.01.B3ph.
B3 Phosphor
Booklet Pane DP88

No: H.F/D.340.2B.01.B3ph.
B3 Phosphor
Booklet Pane DP79

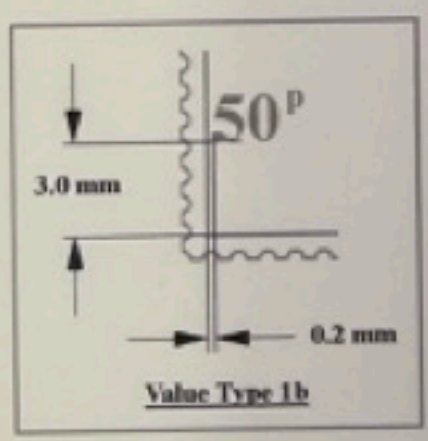


Value Type 1a

No: H.F/D.500.2B.B3ph.
B3 Phosphor

Cylinder 4

01.3 **imperforate**



Value Type 1b

Two Phosphor Bands

01. 1.
Cylinder 4
Value Type 1a

01.2.
Cylinder 4
Value Type 1a
heavy phosphor wash
phosphor all over

No Phosphor Bands

02.
Cylinder 4
Value Type 1a
Kampf Perforation

03.1.
Cylinder 21
Value Type 1a
APS Perforation

No Phosphor Bands

04.
Cyliner 28
Value Type 1a
perforation shift 2.5 mm vertical

03.2.
Cylinder 21
Value Type 1a
Extra Pin Repair (17 Hole Variety)

05.
Cylinder 31and 34
Value Type 1b

FCP / DEX

ochre

grey - black

50p

Two Phosphor Bands

A Phosphor

No: H.F/D.500.2B.Aph.

01

Booklet Pane DP147

NPP None Phosphor Paper

No: H.F/D.500.NP.

01

Cylinder 35
Value Type 2
ochre

Value Type 2

02

Cylinder 36
Value Type 2
yellow ochre

75p

No: H.F/D.750.NP.

01.1

Cylinder 1

01.3

blind perforationin vertical margin

01.2

Cylinder 1
screened value

FCP / DEX

Preprinted Phosphor Paper

As one episode in the attempts to find the best way of incorporating phosphor to the surface of paper for postage stamps, a short-lived experiment was made with preprinted phosphor paper. The phosphor was printed by a separate cylinder on to the fluorescent coated paper (FCP), then the colour cylinder was additionally applied to print the stamps. The result is a dull, matt appearance, the phosphor ink preventing a clean print of the image of the stamp. Under a lens the 150-screen phosphor is seen in the margins. Only three values (1p, 2p and 10p) were issued on preprinted phosphor paper in October 1979.

01.
crimson
Cylinder 12

02.1.
bright green
Cylinder 13

02.2
"White face" *bright green*
Cylinder 13
very spotty print

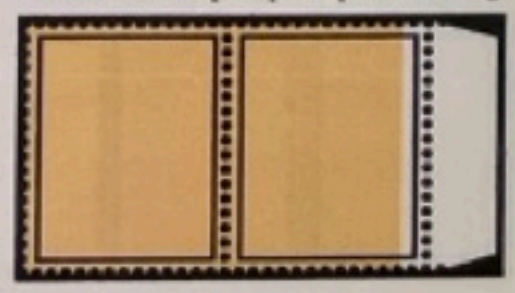
03.1.
light orange
Cylinder 3

04.
light orange
Booklet Pane DP35

05.
pale orange
Booklet Pane DP35

06.
light orange
Vertical Coil C26

03.2.
Cylinder 3
right hand stamp, on the right side, has a 3 mm band of phosphor print missing



1970
First Recess Printed Stamps
by
Bradbury, Wilkinson

The first stamps printed in decimal currency were the high values of 10p, 20p and 50p which were based on the recess printed Machin issue of the former large format, old currency values of 2/6, 5/- and £1 from 1969. The stamps were issued eight months in advance of decimalisation, on 17th of June 1970.

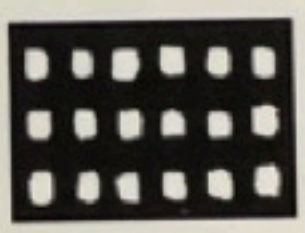
Originally the Post Office supplied the paper but, because of shortages, Bradbury, Wilkinson used their own paper (by collectors known as *„Contractors Paper*) for the final printings. The papers differ as follows:

Post Office Paper is similar to OCP used for the small format low values, although thinner with a smooth cream PVA gum.

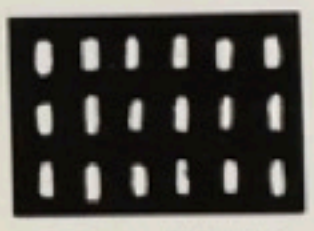
Contractor's Paper is clay-coated, comparable with FCP and with smooth white PVA gum.

No stamps in this issue had phosphor bands; however, the 10p and some of the 50p printings were on all-over phosphor coated paper.

Types of £1 value. When the 10p, 20p and 50p values were issued in 1970 it was decided to change the sheet size of the £1 value from its existing 40 to bring it into line as sheets of 100. Although the same master die was used there is, for technical reasons, a small difference between the two issues. Single stamps of the £p issue can be identified under good magnification, by examining the top left and bottom right corners. The £sd stamp has thick horizontal lines, whereas the £p has thick vertical lines.



Ex sheets of 40 (£sd)



Ex sheets of 100 (£sd)

In 1972 the change-over to decimal Machins was completed for the £1 value when the script value tablet was redrawn in a more modern block style.

Script Style

Block Style

1970
First Recess Printed Stamps
by
Bradbury, Wilkinson

Post Office Paper

20p

BW.POP/P.200.

01.

02. glazed paper
Plate 4

50p

BW.POP/P.500.

01.

02. uncoated paper
Plate 8 + 9

03. ultra thin paper
Plate 8 + 9

£1

BW.POP/P.1000.

01.

02. re-drawn value tablet

1970
First Recess Printed Stamps
by
Bradbury, Wilkinson

Phosphor Coated Paper

10p

BW.P/P.100.

50p

BW.P/P.500.

Contractor's Paper

20p

BW.CP/P.200.

50p

BW.CP/P.500.

01.

50p

BW.CP/P.500.

02.

thin paper

£1

BW.CP/P.1000.

re-drawn value tablet

1977
High Value Machin Head
by
Harrisons

During the period 1977 to 1988 Harrisons printed stamps of £1 and above by photogravure in the same large vertical format as many of the commemorative stamps.

The issued sheets of 100 stamps are printed as two panes of 50 stamps (5 x 10) separated by a central gutter.

The paper is **FCP** and the gum **DEX**.

1977 - 1988
High Value Machin Head
by
Harrisons

1977

H.F/D.L1000.

H.F/D.L2000.

H.F/D.L5000.

1983

H.F/D.L1300.

1984

H.F/D.L1330.

1985

H.F/D.L1410.

1986

H.F/D.L1500.

1987

H.F/D.L1600.

1977
High Value Machin Head
by
Harrisons

Gutter Pairs

1988
Castles - First Issue

The large photogravure version of the Machin Head was superseded in 1988 by a new series of high value stamps depicting castles. The stamps were recess-printed. The sheets of 100 stamps are divided by horizontal and vertical gutters into four panes of 25 (5x5). The stamp size centre gutter contains a bar in the basic colour of the stamp.

New photographs of the castle were taken for these stamps by H. R. H. The Duke of York and these were published in the *British Philatelic Bulletin* in September 1988.

Christopher Matthews of Harrisons based his engravings on those photos and at the same time made two new master engravings of the Machin Head, facing left and right. These he interpreted so that they resembled the original sculpture rather than a photographic portrait.

Paper. The paper used for this printing is FCP (Fluorescent Coated Paper) with DEX (Dextrin) gum.
Perforation 15 x 14.

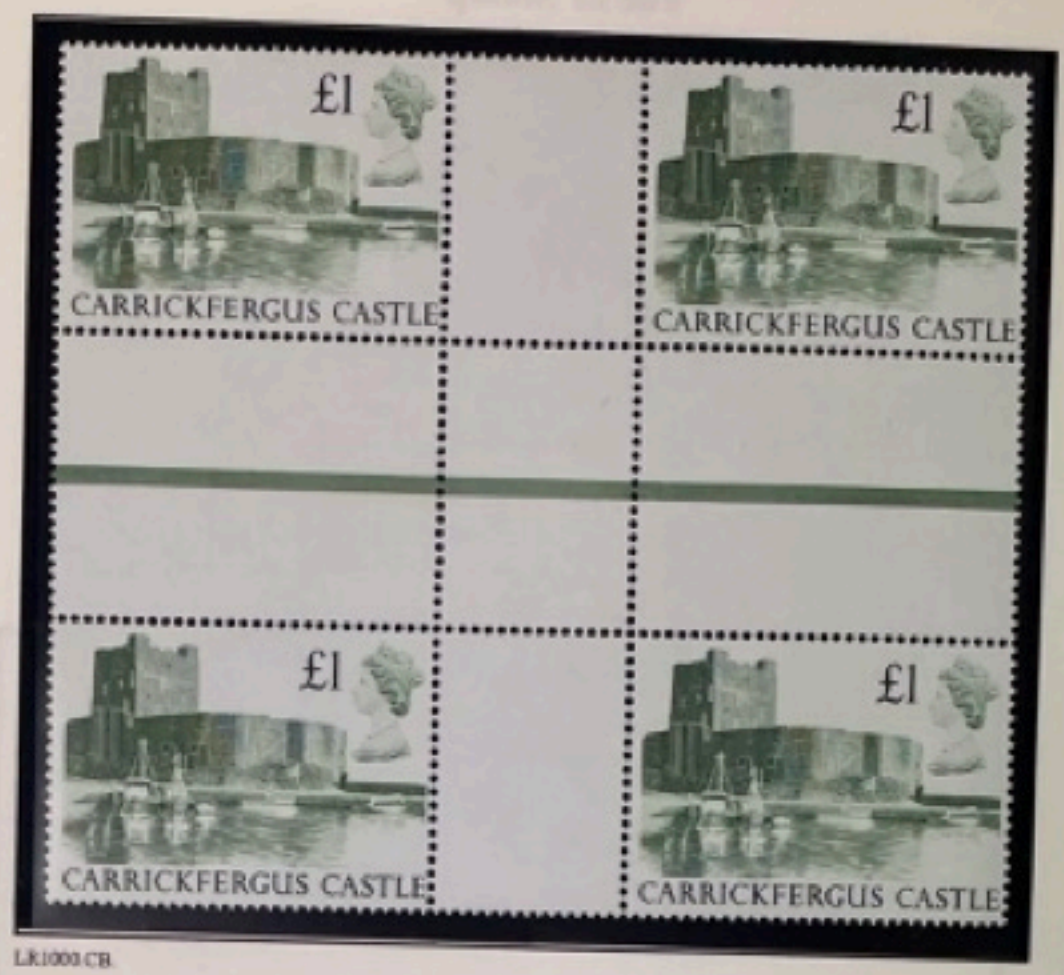
Highly glazed paper. Two values found early in 1990 were on paper outside the normal range of tolerance. The £1.50 and the £2 occurred on a highly glazed, fairly opaque paper in noticeable paler shades; the gum is white and UV fluorescence is weak. This paper was substituted for normal stock because of a temporary shortage.

Glazed paper. The £1 value, issued around the same time as the £1.50 and £2 mentioned above, exists on a slightly less glazed paper. This is distinctive in its yellowish green colour, and also shows a reduced OBA content, although no a lacking in fluorescence as the highly glazed paper. It is also assumed that this paper was a stopgap for normal paper due to shortage.

1988

Harrison Printing - Castles - First Issue

FCP / DEX



LR1000 CB

LR1000 HGP

LR1000 VGP

LR1001 VGP

yellowish green and green toned paper as result of defective plate wiping

1988

Harrison Printing - Castles - First Issue

FCP / DEX

LR1000

LR1000 PS1.

Perforation Shift

2 mm horizontal perforation shift cutting through "E" of castle

LR1000 PS2.

Perforation Shift

6 mm perforation shift upwards

LR1002

Colour Variation

very pale green and name of castle in light green

LR1001

low OBA

LR1001A

low OBA

and green toned paper as result of defective Plate wiping

1988

Harrison Printing - Castles - First Issue

FCP / DEX

LR1500.CB.

LR1500.VGP.

basic colour: plum

LR1501.VGP.

pale plum

creamy glazed paper - Plate 2G

LR1500.EC.VGP.

bright reddish purple and pink toned paper as result of defective plate wiping - Plate 2D

LR1500.HGP.

1988

Harrison Printing - Castles - First Issue

FCP / DEX

LR1500

basic colour: plum

LR1500.EC1

Colour Variation

pale plum - Plate 3A

LR1500.EC2

Colour Variation

bright reddish purple and pink toned paper as result of defective plate wiping - Plate 2D

LR1500.PS

Perforation Shift

bottom perforation row shifted down into bottom margin

LR1501

creamy glazed paper - Plate 2G

LR1501A

creamy glazed paper - Plate 2G

figure "1" of £ 1.50 is incomplete

1988

Harrison Printing - Castles - First Issue

FCP / DEX

LR2000.CB.

LR2000.VGP.

LR2000A.VGP.

"weak lettering" of value tablet and castle name

1988

Harrison Printing - Castles - First Issue

FCP / DEX

LR2000 HGP

LR2000

basic colour: indigo

LR2000 EC

Colour Variation

light bright blue

LR2000 A EC

Colour Variation

pale blue

"wack lettering" of value tablet and castle name

LR2001

low OBA

LR2001 EC

glazed paper and colour variation

pale grey blue

LR5000A

blind perforation in vertical row

1988

Harrison Printing - Castles - First Issue

FCP / DEX

LR5000 HGP

LR5000 CB

LR5000

basic colour: sepia

LR5000 VGP

LR5000 EC

<u>Colour Variation</u>

deep sepia

Postage Due Stamps

The Post Office's "To Pay Labels" are more familiar known to philatelists as "Postage Dues". They were originally introduced to collect postage that had been underpaid on letters and parcels, but as they also served to indicate customs and VAT charges on postal packets the wording "To Pay" was adopted when a newly designed series was introduced on decimalisation.

Their designation as "labels" by the Post Office explains the absence of the Queen's portrait, but in spite of this they are an obvious companion to a collection of Machin stamps, following the same paper and gum modifications.

First Series

Harrison Printing in Photogravure

The first series, introduced in 1974, was designed by Jeffery Matthews.

1970/71
OCP / PVA

D1

D2

D3

D4

D5

D6

D7

D8

D9

D10

1973/74
FCP / PVA

D11

D12

D13

D14

D15

D16

First Series

Harrison Printing in Photogravure

1974 - 1978
FCP / DEX

D17

D18

D19

D20

D21

D22

D23

D24

D25

D26

D27

D28

1980
PCP2 / DEX

Printed on the wrong paper in error

D29

D30

Second Series

Harrison Printing in Photogravure

A second series appeared in 1982 designed by Sedley Place Design Ltd.

The basis for calculating postage due charges was altered about this time. It had formerly been double the deficiency at second class rate. Now the basis was the amount of underpayment at second class rate plus a fee of 10p, rounded down to the nearest penny.

1982
FCP / DEX

D31

D32

D33

D34

D35

D36

D37

D38

D39

D40

D41

D42

Second Series

Harrison Printing in Photogravure

The sheet size is 200 stamps, printed in two panes with a central gutter.

1982

FCP / DEX

Gutter Pairs

D31.GP.

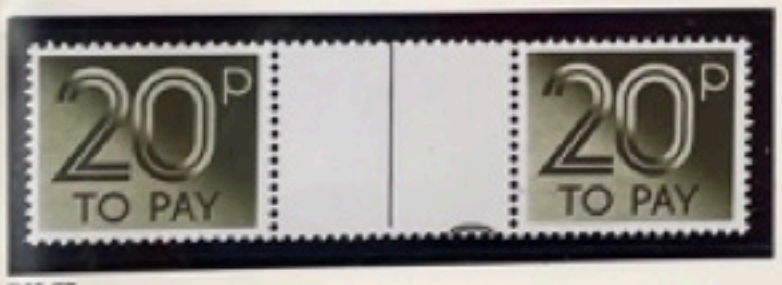
D32.GP.

D33.GP.

D34.GP.

D35.GP.

D36.GP.



D37.GP.

D38.GP.

D39.GP.

D40.GP.

D41.GP.

D42.GP.

Third Series

The House of Questa Printing in Lithography

A further change to the design was made in 1994, again by Sedley Place Design Ltd., based on an original photograph by David Burton, of an embossed image of the St. Edwards Crown on paper. The effect of shadow and the graduated background Crowns design was achieved by using the latest computer aided design technology.

The paper and perforation are security types, ones again mirroring the definitive development. The colours given are the basic constituents, but due to the graduation, intermediate shades are also present between the base colours.

1982
OFNP / PVA

D44

D43

D45

D46

D47

D48

D49

D51

D50

Due to changes in the way that underpaid postage fees are collected, and as postage dues are no longer used as receipts for VAT and duty on imported goods, they have now become obsolete. As a consequence, this series was withdrawn from sale on 28 January 2000.

BRIEFMARKEN

nach dem Entwurf

von

Arnold Machin

Eine Sammlung von Alfred Jahr, Krefeld

Die Evolution einer neuen Briefmarke
Der Entwurf von Arnold Machin

Um 1961 beschwerten sich, sowohl die Entwerfer als auch die Drucker, bei der britischen Postverwaltung, das Porträt in Dreiviertelansicht nach dem Entwurf von Wilding, für Sondermarken weiter zu verwenden, welche zu dieser Zeit immer häufiger herausgegeben wurden. Sie meinten, das ein Porträt in Seitenansicht besser sei und Faith Jaques legte eine Anzahl von Entwürfen vor, die

Harrison Essay, März 1966

Wilding Porträt
in Seitenansicht
(Porträt von 1952)

Buckley Porträt
ohne Tiara
(Porträt von 1962)

darstellen sollten, wie ein solches Porträt aussehen würde, wenn es in die zur Zeit verwendeten Briefmarken eingebracht würde, einschließlich der Dauermarken. Daraus resultierend wurden die Originalfotografien von Wilding an Michael Gorman übergeben um eine Seitenansicht des

Januar 1966, Submissionszeichnung
von
Arnold Machin

Porträts vorzubereiten. Dies wurde 1962 vorgelegt und auch später, in den Jahren 1965 und 1966 legte der Künstler Entwürfe dieser Art bei verschiedenen Submissionen vor. Allerdings fand er bei der Postverwaltung keine Gegenliebe, worauf er sich zurück zog.

Aber, das Problem blieb. In der Folge bereitete die Druckerei Harrison im März 1965 einige Essays vor, bei denen in Wilding Rahmen, Seitenprofilaufnahmen einsetzt wurden. Diese Aufnahmen wurden von Wilding zur Zeit der Krönung gemacht. Hinzu kam noch eine Seitenprofilaufnahme von Anthony Buckley. Eine große Anzahl von Buckley Fotografien wurden auf

Januar 1966, Submissionszeichnungen
von
Arnold Machin

Wunsch der Königin als Vorlage verwendet.

Anthony Wedgewood Benn war zu dieser Zeit der General Postmeister und er erhielt im Februar 1965 die Genehmigung der Königin, eine Studie für eine neue Dauerserie vorzubereiten. Man entschied sich, einige bekannte Entwerfer mit der Lösung des Problems zu betrauen.

Zur dieser Zeit promovierte Andrew Restall in der Fachrichtung Miniaturdesign. Er beschäftigte sich mit verschiedenen Projekten, einschließlich neuer Briefmarken der Dauerserie. Dies geschah unabhängig von den anderen Künstlern und unabhängig vom "Stamp Advisory Committee.

Am 25. März verkündete der Generalpostmeister, daß die Königin ihre Zustimmung gab, neue Marken für die Dauerserien in Erwägung

Januar 1966, Submissionszeichnungen
von
Arnold Machin

zu ziehen, und, dazu auch ein neues Profilfoto zu machen.

Aufnahmen von Lord Snowdon, die er 1964 für die neuen Dezimalmünzen machte, wurden an ausgesuchte Künstler, als Grundlage für ihre Entwürfe verteilt. Die bedachten Künstler waren Reginald Brill, Stuart Devlin, David Gentleman, Arnold Machin und John Ward. Am 29. November 1966 wurden sie formell beauftragt, ein künstlerisch gestaltetes Porträts der Königin im Vollprofil vorzulegen. Die Submission wurde für Januar 1966 verlangt. Alle damals eingesandten Vorlagen befinden sich jetzt im nationalen

Postmuseum. Es gibt kein Material von Ward, aber alle anderen sind dort ausgestellt, zusammen mit Essays, die nach dem Entwurf von Andrew Rastall angefertigt wurden.

Anold Machin basierte seine Arbeiten auf Zeichnungen, die er vom Porträt der Königin auf den neuen Münzen anfertigte und nach dem

David Gentleman
Fotografische Alternative zu den Machinarbeiten
nach einem Hedgecoe Foto

Oktober 1966
Dezember 1966

historischen Entwurf der "Penny Black" Briefmarke. Sein Entwurf wurde favorisiert und er fertigte einen Gipsabguß an, der, wegen seiner Ähnlichkeit mit den Geldstücken, als "Coinage Head" (Münzenkopf) bezeichnet wird, obwohl das Porträt jetzt andersherum plaziert ist. Hiervon wurden Aufnahmen gemacht und von Harrisons wurden Essays vorbereitet, wobei die Porträts in verschiedene Rahmen, versehen mit den unterschiedlichen Regionalemblemen gesetzt wurden.

Arnold Machin
Gibsabguß

"Coinage" Porträt
März 1966

Die ersten Essays datieren vom 5. - 7. April 1966. Machin war mit dem Resultat aber nicht zufrieden. Daraufhin wurde der Abguß von John Wickers neu fotografiert und weitere Essays wurden von Harrisons am 2. Mai hergestellt. Alle diese Arbeiten gingen auf die ursprünglichen Snowdon Fotografien von 1964 zurück. Allerdings, wurde die gewünschte schlichte Erscheinung nicht erreicht.

Das "Stamp Advisory Committee" wollte eine Alternative zur Arbeit von Machin haben, worauf John Hedgecoe im Juni 1966 eine Reihe von Aufnahmen der Königin machte. David Gentleman bearbeitete diese und schuf eine fotografische Alternative, wovon Harrisons gegen Ende des

Arnold Machin
Gibsabguß

"Tiara" Porträt
September 1966

Jahres Essays herstellte. Zu dieser Zeit hatte Machin seine Skulptur vereinfacht. Sein zweiter Gipsabguß war eine kleinere Version, die nur den Kopf der Königin und den Nacken zeigte. Sie trug eine Tiara wie in Machin's früherem Entwurf. Von dem neuen Abguß wurden am 19. Oktober Essays angefertigt, mit glattem Hintergrund und nur der Wertangabe als Inschrift. Als diese dem "Stamp Advisory Committee" vorgelegt wurden (zusammen mit den ersten Hedgecoe Fotoessays), betrachtete man sie als große Verbesserung. Das Committee schlug vor, die Tiara durch ein Diadem, entsprechend der Wildingmarken, zu ersetzen. Machin modellierte unmittelbar eine neue Form und schuf ein Porträt, welches dem

"Diadem" Essay
Erste Andeutung des Mieders
Einfügung der Wertangabe
November 1966

endgültigen Entwurf schon sehr ähnlich ist, aber noch ohne Mieder. Viele Fotografien wurden mit unterschiedlicher Beleuchtung gemacht, wonach am 31. Oktober 1966 fünf Essays gedruckt wurden.

Wieder war der Hintergrund einfarbig aber diesmal ohne Wertangabe.

Als die Königin die Essys sah, erklärte sie ihren Wunsch nach einem Mieder, worauf Machin dieses hinzufügte. Um diese Arbeit durchzuführen,

Arnold Machin
Gipsabguß

"Diadem" Porträt
Oktober 1966

vergrößerte Machin Fotografien der früheren Essays und fügte Wertangabe und Mieder von Hand zu. Diese Arbeit wurde dann in eine neue Skulptur überführt. Er fotografierte den entstandenen Gipsabguß oftmals, bis er mit der Modellierarbeit und der Beleuchtung zufrieden war. Am 6. und 7. Dezember wurden die ersten Essays des endgültigen Machin Abgusses gedruckt und zwar in einer ziemlich großen Stückzahl um auch die Farbauswahl für die fertigen Briefmarken zu treffen.

Machin stellte zwei Gipsabgüsse mit Mieder her. Einer der beiden (mit kompletter Halskette und einer Schattierungslinie im Haar) befindet sich im Nationalen Postmuseum. Wo sich der Zweite befindet (mit zwei Schattierunglinien im Haar und gebrochener Perle in der Halskette), weiß man nicht. Der erste Abguß wurde zum Druck der Marken mit schattiertem Hintergrund verwendet und der zweite für den Druck mit einfarbigem Hintergrund.

Die Königin selber, wählte die Farbe der Marke für die normale Inlandrate, - eine Art schwarzgraubraun. Kurz nach der Einführung, mußte diese dunkle Farbe, die bewußt wegen ihrer Ähnlichkeit zur "Penny Black" gewählt wurde, geändert werden, weil diese Farbe das Phosphor-signal, welches für die ALF Entwertungsmaschine benötigt wird, zu stark beeinflußt hat.

Endgültiger Abguß, Type 1
Mit einer Schattierungslinie im Haar
Komplette Halskette

Endgültiger Abguß, Type 2
Mit zwei Schattierungslinien im Haar
Geschwärzt für hochwertige Fotoaufnahmen

Phosphoraufdrucke

Phosphoraufdrucke, die meistens in Form von senkrechten Bändern und in seltenen Fällen ganzflächig sind, dienen einmal dazu, Briefe zur Entwertung in die richtige Lage für die Abstempelung zu bringen und zum anderen zum sortieren der Post in eine erst- und zweitklassige Hantierungs- und Zustellungskategorie. Die Marken für die Post erster Klasse haben zwei Phosphorbänder und die der zweiten Klasse ein Band. Seit der Einführung der Marken mit phosphorbeschichtetem Papier, haben nur noch die Marken der zweiten Gebührenklasse ein Phosphorband, mit der Ausnahme von Markenheftchen mit Zusammendrucken, wo auch weiterhin Marken mit zwei Phosphorbändern vorkommen.

Phosphorfarbe

Für den Druck der Phosphorbänder wird eine fast unsichtbare, phosphoreszierende Farbe verwendet. Gedruckt wird von Harrison im Rastertiefdruck und von den anderen Druckereien im Offsetdruck. Die bei den Machin-Ausgaben verwendete Phosphorfarbe reagiert auf ultraviolette Bestrahlung (Wellenlänge 253,7 Nanometer) durch violettes Nachleuchten.

Bandaufdruck

ganzflächiger Aufdruck

Neue Phosphorfarbe, A-Phosphor

Um Verfärbungen im Markenbild zu vermeiden, entwickelte Harrison in 1986 eine neue Phosphorfarbe, weil die früher verwendete Farbe die Tendenz hatte, sich mit der Druckfarbe zu vermischen, wodurch die Phosphorbänder zu deutlich sichtbar wurden. Bei der neuen Farbe hat man die gleiche Phosphorkomposition für den Aufdruck der Bänder verwendet, wie sie auch für die Beschichtung von ACP-Papier verwendet wird.

Unter ultraviolettem Licht reagiert A-Phosphor bedeutend schwächer als der früher verwendete Phosphor, der jetzt als "Alter Phosphor" bezeichnet wird.

Phosphorraster

Bei den Phosphoraufdrucken in Rastertiefdruck werden zwei Rasterungen verwendet; ein feines Raster 250 und ein gröberes Raster 15o. Dabei geben die Zahlen die Rasterpunkte pro Quadratzoll an. Man kann das Kreuzgitter der Rasterung erkennen, indem man die Marken unter Vergrößerung (mindestens 10-fach) und bei schräg einfallendem Licht betrachtet. Durch Vergleiche erkennt man den Unterschied zwischen den beiden Rastern.

grobes Raster 150

feines Raster 250

Phosphorbänder

Phosphorbänder werden in Form von senkrechten Streifen auf die Markenbögen gedruckt, wobei folgende Einzelheiten von besonderer Bedeutung sind.

1. Zwei Phosphorbänder 9.5 mm

Die aufgedruckten Phosphorbänder verlaufen zentrisch über die senkrechte Perforation, in einer Breite von 9,5 mm, so daß die Marken an beiden Längsseiten je ein schmales Phosphorband tragen. Der Zwischenraum zwischen den Bänder beträgt hierbei 10,5 mm. Die 9,5 mm breiten Bänder sind als Standardaufdruck zu betrachten.

2. Zwei Phosphorbänder 8 mm

Bei einigen Ausgaben wurden die Streifen in 8 mm Breite aufgedruckt, wodurch etwas schmälere Bänder entstanden, die jetzt einen Abstand von 12 mm voneinander haben.

3. Phosphorband Mitte

Wie beschrieben tragen die Marken der zweiten Gebührenklasse nur ein Phosphorband, welches in den meisten Fällen senkrecht in der Markenmitte verläuft. Die Standardbreite ist hier 4 mm. Es kommen aber auch Breiten von 4,5 und 5 mm vor.

Phosphorband Mitte

4. Phosphorseitenbänder

Marken mit nur einem Phosphorband werden auch hergestellt indem die vorher beschriebenen 9,5 oder 8 mm breiten Phosphorbänder jeweils über jede zweite Perforationsreihe gedruckt werden. Hierbei entstehen Marken mit nur einem seitlichen Band, dem sogenannten **Seitenband**, welches sich dann entweder am rechten oder linken Seitenrand befindet.

Seitenband Links

Seitenband Rechts

Da die Verteilung des aufgedruckten Streifens auf die jeweilige Markenseite nicht immer symmetrisch ist, ist bei Einzelmarken eine richtige Zuordnung des Ursprungs (8 oder 9,5 mm Streifen) nicht immer einwandfrei möglich, falls sich die Herkunft der Marke nicht auch durch andere Merkmale belegen läßt. Solche Stücke sollten in Paaren gesammelt werden.

5. Phosphorbalken

Phosphorbalken sind im Sinne auch senkrechte Phosphorbänder, die jedoch lediglich das Markenbild überdecken, also nicht den Markenrand oder die Perforation. Der Grund dafür ist, daß bei Zusammendrucken von Marken der ersten und zweiten Gebührenklasse, keine Überschneidungen der Phosphorbänder auf die jeweils andere Marke vorkommen sollen.

Phosphorbalken Mitte

Zwei Phosphorbalken

6. Breite Phosphorbänder

Die breiten Phosphorbänder sind als Phosphoraufdruckabart zu betrachten, sie entstehen durch falsches einlegen der Markenbogen in die Druckpresse. Der Verlauf ist hier nicht entlang der senkrechten Perforation, sondern über das Markenbild. Man unterscheidet zwischen den Positionen Rechts, Links und Mitte.

breite Phosphorbänder mit den Positionen

Links Mitte Rechts

Phosphorband - Variationen

Im Bereich der Phosphorbandaufdrucke kommt es zu einer Unmenge von Variationen. Diese entstehen durch Zusammendrucke in Markenheftchen, wobei Marken der ersten und zweiten Gebührenklasse auf einem Heftchenblatt zusammengedruckt sind. Es soll versichert werden, daß die Marken der zweiten Gebührenklasse garantiert nur ein Phosphorband haben.

Zwei Phosphorbänder linkes Band unten kurz

Band Mitte oben kurz

Phosphorband Rechts unten kurz

Briefmarken - Dauerserie

nach dem Entwurf von

Arnold Machin

1. Teil

Markenausgabe der alten Währung

Druck: Harrison & Sons Ltd

Kopf Typen

Beim Druck werden zwei unterschiedliche Kpftypen verwendet, die auch bei den meisten Wertstufen beide vorkommen.

Kopf Type A

Der Unterrand der Büste erscheint klar gezeichnet, ohne Schattierung und wirkt deswegen " geradlinig, flach".

Kopf Type B

Der Unterrand der Büste ist schattiert und wirkt daher "abgerundet". Die Büste scheint näher am Unterrand der Marke.

Typenunterschied der 4p Marke

4p Marke, orangerot und hellorangerot, Kopf Type B. Phosphorraster 250

Type 1

Wertziffer hochstehend.(Nr. 047 und 050)

Type 2

Wertziffer tiefstehend (Nr.049, 051 und 052)

1.Teil

Markenausgabe der alten Währung

In dieser Ausgabe wurden die hier abgebildeten Phosphoraufdrucke verwendet

Zwei Phosphorbänder 9,5 mm, Abstand voneinander 10,5 mm

Phosphorband Rechts

Phosphorband Mitte, 4 mm

Phosphorband Links

Breites Phosphorband, 9,5 mm
Bei diesem Phosphoraufdruck handelt es sich um eine Fehlpositionierung.
Das Band kann rechts, links oder mittig auftreten.

Obige Phosphorbänder sind in Raster 150 dargestellt

Phosphorbänder in Raster 250

1967 - 1970

Kopf Type A

Gummierung: Gummi Arabikum (GA)

Phosphorband Mitte, Raster 150

03 tiefviolett

06 violett

012

Phosphorband Mitte, Raster 250

04 tiefviolett

05 bläulichviolett

012A

Fehlendes Phosphorband

03aNP trübviolett

03bNP leuchtendviolett

Zwei Phosphorbänder, Raster 250

08A

Ein Phosphorband 9,5 mm

08A BB

1968 - 1970

Kopf Type A

Gummierung: Polivinylalkohol (PVA)

Zwei Phosphorbänder, Raster 150

022

023

027

032

034 schwarzgraubraun

035 schwarzolivbraun

053 schieferblau

054 dunkelblau

055 dunkelpreußischblau

061 rötlichlila

061a "Scarred Face" hell

061b "Scarred Face" dunkel

062 lebhaftmagnetrot

063 lilapurpur

067

069

070

072

074 hellblau/schwarzblau

074A preußischblau/schwarzblau

1967 - 1970

Kopf Type A

Gummierung: Gummi Arabikum (GA)

Zwei Phosphorbänder, Raster 150

08 schwarzbraun

09 schwarzgraubraun

014

015 hellviolett

016 leuchtendviolett

017 dunkelblau/blaugrün

018 dunkelblau/preußischblau

020 schwarz/trüborange

021 schwarz/leuchtendorange

Fehlende Phosphorbänder

08NP schwarzbraun

015NP obere Marke mit zwei Phosphorbänder

09NP schwarzgraubraun

014NP

017NP dunkelblau/blaugrün

019NP dunkelblau/hellblau

020NP schwarz/trüborange

1968 - 1970

Kopf Type A

Gummierung: Polivinylalkohol (PVA)

Fehlende Phosphorbänder

022NP

023NP trüboliv

023aNP leuchtendoliv

027NP

029NP

034NP schwarzgraubraun

035NP schwarzolivbraun

044NP

053NP schieferblau

054NP dunkelblau

061NP rötlichlila

063NP lilapurpur

069NP

072NP

074NP hellblau/schwarzblau

074A NP preußischblau/schwarzblau

1968 - 1970

Kopf Type A

Gummierung: Polivinylalkohol (PVA)

Zwei Phosphorbänder, Raster 250

Phosphorband Mitte, Raster 150

Posphorband Mitte, Raster 250

Phosphorbeschichtetes Papier (PCP)
Versuchsdruck

Versuche, Phosphor in die Beschichtung des Papiers einzubringen, begannen am 10.12.1969 mit einer kleinen Auflage dieser Marke. Es wurden keine zusätzlichen Phosphorbänder aufgedruckt.

1968 - 1970

Kopf Type B

Gummierung: Gummi Arabikum (GA)

Phosphorband Mitte, Raster 250

01 02 07 013

Gummierung: Polivinylalkohol (PVA)

Zwei Phosphorbänder, Raster 150

024 028 032A

056 schieferblau 057 dunkelblau 059 dunkelpreußischblau 064

066

068

Ungezähntes Markenpaar

056 IMP von Zylinder 10

1968 - 1970

Kopf Type B

Gummierung: Polivinylalkohol (PVA)

Zwei Phosphorbänder, Raster 250

025

028A

033

038

059

065

Fehlende Phosphorbänder

024NP
trüboliv

025NP
gelboliv

028NP

033NP

038NP
schwarzgraubraun

042NP
schwarzolivbraun

047NP

056NP
schieferblau

058NP
Ränder gerastert

059NP
dunkelpreußischblau

066NP

068NP

1968 - 1970

Kopf Type B

Gummierung: Polivinylalkohol (PVA)

Phosphorband Mitte, Raster 150

Wertziffer Type 1

030

046 hellorangerot

Phosphorband Mitte, Raster 250

Wertziffer Type 1 | Wertziffer Type 2

026

031

047 hellorangerot

049 orangerot

042 schwarzgraubraun

042a schwarzgraubraun
Phosphorband nach links

042b schwarzgraubraun
Phosphorband nach rechts

043 schwarzolivbraun

Phosphorseitenband, Raster 250

Links

050 hellorangerot

Links

051 orangerot

Rechts

052 orangerot

1968 - 1969

Kopf Type B

Gummierung: Polivinylalkohol (PVA)

Phosphorband Fehldruck

Ein breites Phosphorband 9.5 mm

025BB Phosphorraster 250

028BB Phosphorraster 150

033BB Phosphorraster 250

Ungestrichenes Papier

Zwei Phosphorbänder, Raster 250

025UC

059UC

070UC

049UC Phosphorband Links

051UC Phosphorband Mitte

052UC Phosphorband Rechts

Bei diesem Druck wurde fehlerhaftes Papier verwendet, bei dem die Kreidebeschichtung der Oberfläche fehlte.

Das Papier ist dünner als gestrichenes Papier, so daß das Markenbild von der Rückseite leicht zu erkennen ist. Der Druck ist stumpf, matt und leicht unscharf. Unter ultraviolettem Licht reagiert die Oberfläche dunkel.

Gemischtes Phosphorraster

1967 - 1970

Gemischte Phosphorraster

Bei verschiedenen Marken dieser ersten "Machin - Dauerserie" kommt eine Phosphor - Aufdruckvariante vor, bei der die Phoshporbänder zwei Raster haben und zwar, entweder Raster 150 im oberen und 250 im unteren Teil, oder umgekehrt. Diese Variante gibt es allerdings nur bei Marken mit einem Phosphorband Mitte.
Dies wird damit begründet, daß die um die Druckwalze gelegten Bänder, mit Raster 150, durch ein Verbindungsglied verbunden werden, welches etwa 100 mm lang ist und eine 250er Rasterung hat. Hierdurch enstanden die hier aufgeführten Varianten. Darüberhinaus, wenige Marken in Raster 250 und die größte Anzahl in Raster 150.

Gummierung: Gummi Arabikum (GA)

Kopf Type A

Raster 150/250

Raster 250/150

Gummierung: Polivinylalkohol (PVA)

Kopf Type A

Raster 150/250

Raster 250/150

Kopf Type B

Raster 15o/250

Raster 250/150

1969

Kopf Type B

Rollenmarken für Automaten
Fünferstreifen

Gummierung: Gummi Arabikum (GA)

CO 16

Zusammendrucke aus dem Automatenstreifen

CO 16.1

CO 16.2

CO 16.4

CO 16.5

CO 16.6

CO 16.7

CO 16.3

Kopf Type B

Gummierung: Polivinylalkohol (PVA)

Phosphorband Mitte, Raster 250

1968

OB 4a

schwarzgraubraun

OB 4b

schwarzolivbraun

OB 5a

schwarzgraubraun

OB 5b

schwarzolivbraun

1969 - 1970

OB 6

OB 7

1968

Kopf Type B

Gummierung: Polivinylalkohol (PVA)

Zwei Phosphorbänder, Raster 250

OB 1

OB 2

OB 2 BB

Ein breites Phosphorband 9,5 mm, rechts

OB 3

1968 - 1970

Kopf Type A

Gummierung: Polivinylalkohol (PVA)

Zwei Phosphorbänder, Raster 150

OB 11a schwarzgraubraun

OB 11b schwarzolivbraun

Phosphorband Mitte, Raster 150

OB 12 I

OB 13 I

Phosphorband Mitte, Raster 250

OB 12 II

OB 13 II

1968 - 1970

Kopf Type A

Gummierung: Gummi Arabikum (GA)

Phosphorband Mtte, Raster 150

OB 14 I

Phosphorband Mitte, Raster 250

OB 14 II

Kopf Type B

Gummierung: Polivinylalkohol (PVA)

Phosphorband Mitte, Raster 150

OB 13A I

Phosphorband Mitte, Raster 250

OB 13A II

Zwei Phosphorbänder, Raster 150

OB 15a schieferblau

OB 15b dunkelblau

1968

Kopf Type B

Gummierung: Polivinylalkohol (PVA)

Zwei Phosphorbänder, Raster 150

OB 8

Phosphorband Mitte, Raster 150

OB 9 I

Phosphorband Mitte, Raster 250

OB 9 II

1967 / 68

Kopf Type A

Gummierung: Gummi Arabikum (GA)

Zwei Phosphorbänder, Raster 150

OB 10 schwarzbraun

OB 10A tiefschwarzbraun

1968 -1970

Kopf Type B

Gummierung: Polivinylalkohol (PVA)

Phosphorband Mitte, Raster 250

OB 16a I schräger Anschnitt

OB 16a 4d Marke schwarzgraubraun

OB 16b 4d Marke schwarzolivbraun

Zwei Phosphorbänder, Raster 250

OB 17

1967 - 1970
Kopf Type B

Zusammendrucke aus Markenheftchenblättern
Gummierung: Polivinylalkohol (PVA)

Zwei Phosphorbänder, Raster 250

S/T 1

S/T 2

S/T 2 I
Je ein breites Phosphorband auf der rechten Markenseite

Phosphorband Mitte, Raster 250

S/T 3a
schwarzgraubraun

S/T 3b
schwarzolivbraun

S/T 4

S/T 5a
schwarzgraubraun

S/T 5b
schwarzolivbraun

1d Marke, zwei Phosphorbänder / 4d Marke, Seitenband Links, Raster 250

S/T 6

1969

Kopf Type B

Markenheft "Stamps for Cooks"
"Briefmarken für Köche"

Gummierung: Polivinylalkohol (PVA)

OB 19

OB 21

1969

Kopf Type B

Markenheft "Stamps for Cooks"
"Briefmarken für Köche"

Gummierung: Polivinylalkohol (PVA)

OB 21a

OB 23

1969

Kopf Type B

Zusammendrucke aus dem Markenheft "Stamps for Cooks"
"Briefmarken für Köche"

Gummierung: Polivinylalkohol (PVA)

Phosphorband Rechts | Zwei Phosphorbänder | Phosphorband Links

S/T OB 19.1

S/T OB 19.2

S/T OB 19.4

S/T OB 19.5

S/T OB 19.6

S/T OB 19.7

S/T OB 19.3

1969

Druck Bradbury, Wilkinson

auf

Post Office Papier

H1

H2

H3

H4

Post-Office Papier ist ähnlich dem Original Coated Papier (OCP), welches für die kleinformatigen Marken verwendet wurde. Es ist jedoch dünner und hat eine glatte, kremfarbige PVA (Polivinylalkohol) Gummierung