

Cylinder Block and Single Stamp Identification of the 2½c First Definitive Postage stamp issued from May 1961 to November 1974.

The First Definitive stamps of the Republic of South Africa comprise seventeen values, two designs for the 2½c value and different papers. A collection was compiled using Cylinder Blocks or Single Stamps Mint or used. This collection caters for both. The intention is to reduce the identification of each issue to the essential criteria that can be evaluated objectively, namely design, paper, perforation gauge, phosphorescent bands, and (for cylinder blocks) cylinder numbers.

Each issue of each value is listed on a page for each issue/distribution. For the 2½c value there is a flow chart to facilitate identification and classification. The classification of the 2½c value is based on the Design and the Paper with its watermark (or absence thereof). In addition Cylinder Numbers, Perforations and Phosphorescent Bands are utilized. Identification of the different Designs, different Papers and Watermarks are detailed in succeeding pages and variations.

The different designs are dealt with in detail because of their significance in identifying different issues. The different papers, their watermarks, phosphor characteristics and the period during which each paper was used are also recorded in detail. An understanding of the different designs and papers is the key to identifying the different issues. Each Cylinder Block is shown by listing the distinguishing features for each control block of each value are recorded. The Groot Constantia design were utilized for two values. Designs 1 and 2 the same, Design 3 narrower with its inscription similar to the inscriptions of Designs 2 and 3 of other values

Design 1

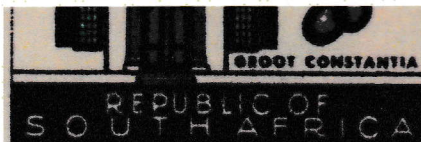
Top row inscription same size as bottom row
Stamp size 24,2 x 30,2mm

Design 2

Top row inscription the same as bottom row
Stamp size 24,2 x 30,2mm

Design 3

Top row of inscription smaller than bottom row
Stamp Size 23,9x30,2mm



The inscriptions of Design 1 and Design 2 are the same. The lines on the face of the building and the outlines of the building are bolder for Design 2 than Design 1. Security paper manufactured by three different paper manufacturers was used. These are identified by the phosphor coating or absence of phosphor coating of the surfaces:

Paper	Abbreviation	Surface
American Security Paper Company	American	No phosphor
Harrison Security Paper	Harrison	Phosphor both surfaces
Kupferschmidt Security Paper	Swiss	Phosphor front surface only

There are two types of American Paper:

Watermark	Type
Coat of Arms	1
No watermark	2

There are four types of Harrison paper:

Coating	Watermark	Type
Phosphor	RSA	3
Phosphor	RSA tete-beche	4
Phosphorescent	RSA tete-beche	5
Phosphorescent	No watermark	6

There is one type of Swiss paper:

Coating	Watermark	Type
Stamp surface: phosphor Gum surface: no phosphor	RSA tete-beche	7

The papers were in use during the following periods:

Paper	Type	First Issue Date	Last Issue Date
<u>American Security Paper Co.</u>	<u>1</u>	<u>31st May 1961</u>	<u>March 1963</u>
American Security Paper Co.	2	August 1961	August 1963
Harrison Security Paper Co.	3	September 1963	July 1968
Kupferschmidt Paper Co.	7	July 1967	May 1970
Harrison Security Paper Co.	4	January 1970	September 1972
Harrison Security Paper Co.	5	October 1971	October 1972
Harrison Security Paper Co.	6	November 1972	September 1974

After October 1972 all South African Definitive stamps were printed on paper with no watermark.

Arms Watermark (The American Security Paper Company Paper Type 1)



RSA Watermark

Harrison Phosphor
Security Paper Type 3

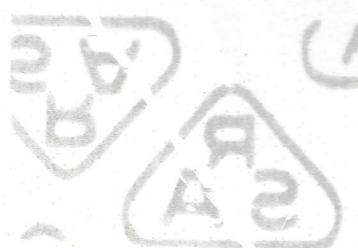
Watermark Reversed

Harrison Phosphor
Security Paper Type 3



RSA tete-beche Watermark
 Harrison Phosphor Security Paper Type 4
 Harrison Phosphorescent Security paper Type 5
 Kupferschmidt Security Paper Type 7

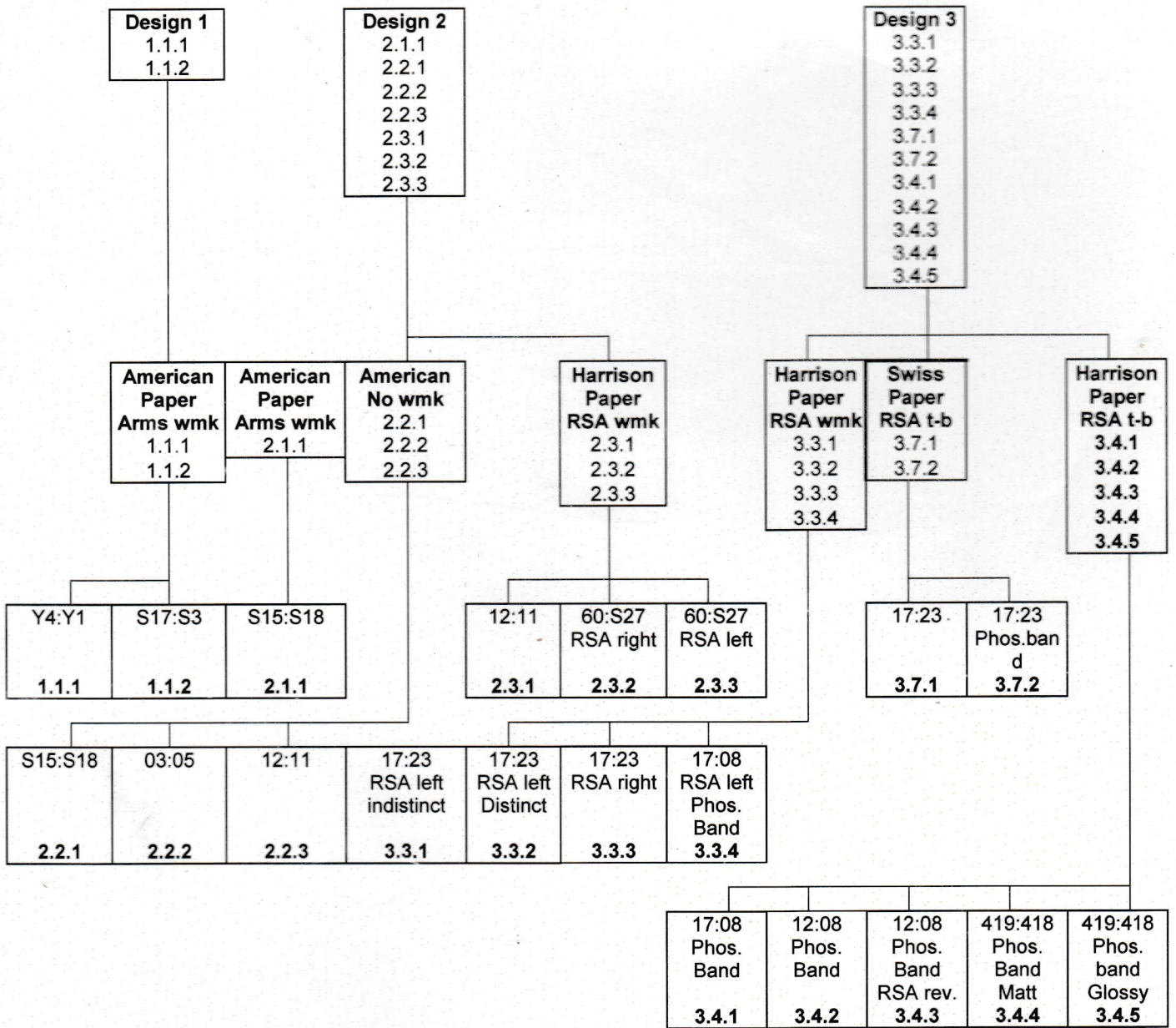
Watermark Reversed



Phosphor coated paper was introduced in September 1963 in anticipation of the introduction of Automatic Canceling Machines by the Post Office. This was the Harrison Type 1 Paper. However, during trials with the new machines, it became apparent that the photo-electric cells did not respond to the phosphor coating. The Automatic Sorting machines were manufactured in Germany, and responded to long wave ultra-violet light. The papers were manufactured in Britain and Switzerland, and emitted short wave ultra-violet light. The new Automatic Canceling Machines were commissioned in December 1969, first in Port Elizabeth and then in the five other major centers.

In September 1969 an extra Cylinder was added to the printing process. This Cylinder printed a 3mm or 5mm wide yellow phosphorescent band onto each stamp. The photo-electric cell of the Automatic Canceling Machine responded to the phosphorescent bands. All sheets of stamps printed between November 1969 and August 1972 were printed with phosphorescent bands. Phosphorescent bands were printed on Swiss Paper from September 1969 until the last printing for which Swiss paper was used—May 1970. All printings on Harrison Type 5 paper were printed with phosphorescent bands.

Issue Ref	Issue Date	Cylinder Numbers	Design	Paper Type	Surface	Watermark	Hor:Vert
1.1.1	May-61	Y4:Y1	Design 1	American	Untreated	Arms left	14:14
1.1.2	Jul-61	S17:S3	Design 1	American	Untreated	Arms right	14:14
2.2.1	Aug-61	S15:S18	Design 2	American	Untreated	No wmk.	14:14
2.1.1	Sep-61	S15:S18	Design 2	American	Untreated	Arms right	14:14
2.2.2	Dec-61	3:5	Design 2	American	Untreated	No wmk.	14:14
2.2.3	Mar-63	12:11	Design 2	American	Untreated	No wmk.	14:14
2.3.1	Oct-63	12:11	Design 2	Harrison	Phosphor	RSA left	14:14
2.3.2	Apr-66	60:S27	Design 2	Harrison	Phosphor	RSA right	14:14
2.3.3	Apr-66	60:S27	Design 2	Harrison	Phosphor	RSA left	14:14
3.3.1	Apr-67	17:23	Design 3	Harrison	Phosphor	RSA left Indistinct	14:14
3.3.2	Aug-67	17:23	Design 3	Harrison	Phosphor	RSA left Distinct	14:14
3.3.3	Aug-67	17:23	Design 3	Harrison	Phosphor	RSA right	14:14
3.7.1	Aug-67	17:23	Design 3	Swiss	Phosphor	RSA t-b left/right	14:14
3.7.2	Jan-70	17:23:Y32	Design 3	Swiss	Phosphor	RSA t-b left/right	14:14
		3 mm phos band					
3.3.4.	Jul-70	17:8:Y32	Design 3	Harrison	Phosphor	RSA left	14:14
		3 mm phos band					
3.4.1	Jul-70	17:8:Y32	Design 3	Harrison	Phosphor	RSA t-bleft/right	14:14
		3 mm phos band					
3.4.2	Dec-70	12;8;Y32	Design 3	Harrison	Phosphor	RSA t-bleft/right	14:14
		3 mm phos band					
3.4.3	Dec-70	12;8;Y32	Design 3	Harrison	Phosphor	RSA t-b rev	14:14
		3 mm phos band					
3.4.4	Jan-71	419:418:G6	Design 3	Harrison Matt	Phosphor	RSA t-b left/right	14:14
		3mm phos band					
3.4.5	Feb-71	419:418:G6	Design 3	Harrison	Phosphor	RSA t-b left/right	14:14
		3mm phos band		Glossy			



Photographic advertising material issued by the SA Post Office for the issue of the 2½c Groot Constantia stamp.



Frame 1: Introduction + some prints
 Frame 2: Prints + varieties
 Frame 3: Prints + varieties
 Frame 4: Varieties
 Frame 5: varieties

31 May 1961 - one of the FDC's that were issued with the Post Offices special open to cancel these covers.

Waltons Stationery Co. W45R

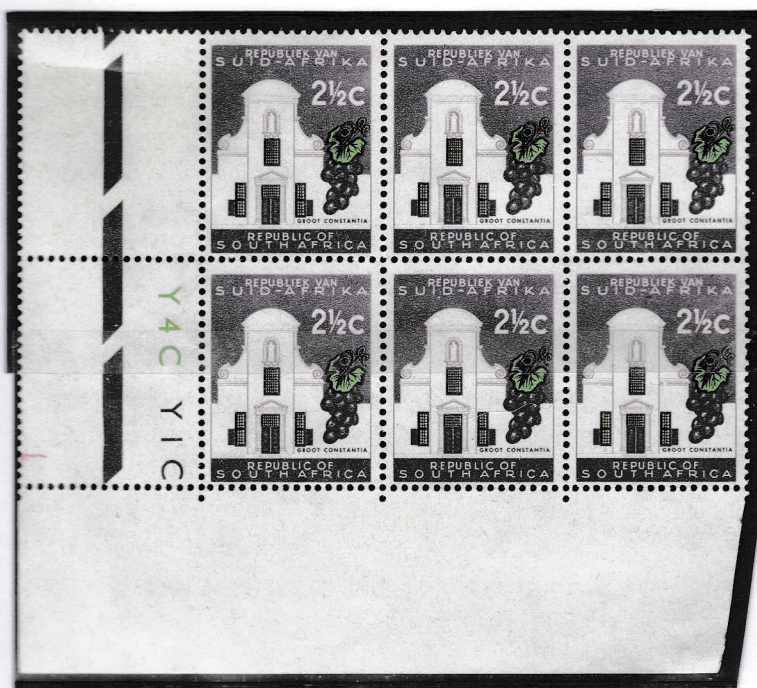


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R
FILATELIEBUREAU
PHILATELIS BUREAU
H.P.K./O.P.O., PRETORIA
NO. X A.8/1



Issue 1.1.1. 31 May 1961. The issue is Group 1 issue 1 and only 1 distribution. Two different printing techniques produced the 2½c by using the Albertina machine for Group I and Group II. The four issues below were the first printed cylinder issues Y4:Y1 with an A, B, C and D were for each of the quadruple produced format. Watermark = Arms left facing, Perforation 14, design 1 as shown on the first page and American paper that was untreated was used (Issue 1.1.1 on the matrix).



Nick in last tremline, not listed;
movement of green to the left,
about 1mm, not listed.



Movement of green to the left,
about 1mm, not listed.

1.1.2. 30 June 1991. The issue is Group 1. Issue 2 and all other issues in this group were produced by using the Goebels machine for Group 1. The four issues below were the cylinder issue S17-S3. Watermark = Arms right facing. Perforation 14, design 1 as shown on the page and American paper that was untreated used.



Guillotine cut with extra perforation on left.

White spots under A and I of Afrika.

Misalignment of perforation in cross between top and bottom row, top marginal arrow.



Mauve smudge under i of Suid.



Misalignment of perforation between top and bottom row, marginal arrow.

Purple line below first 2 of 2 1/2.



Sheet number.



Design move to left and grape spot above right hand window.

S15:S18, August 1961, Group II issue 1. first distribution. No watermark, Matrix 2.2.1, and a redrawn design. Unwatermarked paper.

V2: Dot on gable, and another left of window above door, 1/11; V4: Dot to left of window above door, 1/20; V6: Dot between p and u of Republic, 4/1; V7: Mauve dot below hyphen of Suid-Afrika, 1/1; V8: Mauve dot above p of Republiek and also fr of Afrika, 1/10; V9: Mauve smudge below first A of Afrika, 1/19; V10: Mauve smudge below Su of Suid, 1/20; V12: White smudge below k of Afrika, 3/1; V13: Mauve smudge below u of Suid, 4/1; V 14: Tiny mauve dot left of the figurine, 5/11; V15: Small mauve dot left of window in the gable, 5/19, small green line on bottom edge right.



Sheet number below stamps 5 and 6; V6:Dash between p and u of Republic, 4/1; V13: Mauve smudge below u of Suid, 4/1; Off centre green.



Sheet number below stamps 5 and 6; V6:Dash between p and u of Republic, 4/1; V13: Mauve smudge below u of Suid, 4/1; Reprint.

2.1.1., S15:S18, September 1961, Group II issue 1. Second distribution. Arms watermark facing right and a redrawn design. Produced by the Albertina machine.

V7: Dot to the right of grapes, 1/1; V6: Dash between p and u of Republiek, 4/1; V7: Mauve dot below hyphen of Suid-Afrika, 1/1; V10: Mauve smudge below u of Suid, 4/1; V15: Small mauve dot left of window in gable, 5/19; V17: Bottom right corner without green flaw, watermarked paper, 2 of sheet number on in right hand strip on the bottom right.



1-1



V6: Mauve dot above S of South, 2/1; V7: Mauve mark over k and v of Republiek van, 3/2; V9: Tiny mauve dot above of Republiek, 5/20.

2.2.3 - March 1963, Cylinder 12:11, Group II issue 3, First distribution. No watermark and a redrawn design. Produced on American untreated paper. Sheet number 6 black numbers with an added A, B, C and D.

V5: Mauve splash at lower left of grapes, 5/1;
 V11: Small mauve dot in gutter above left window, 5/1,



V5: Mauve splash at lower left of grapes, 5/1;





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114

2.3.2. April 1966, Group III. Issue 2, first distribution, Watermark RSA facing right, Fluorscent front and back.

Large perforation. Showing drunken feature in vertical row between stamps 5/1 and 3/1, not listed; violet dot at 11 o' clock bottom left window (multi-positive common of issue 2 and panes A and C of Issue 2.



Large perforation. Showing drunken feature in vertical row between stamps 5/ and 3/1, not listed; violet dot at 11 o' clock bottom left window (multi-positive common of issue 2 and panes A and C of Issue 2; showing ink blotches on bottom trem line and around 60 of control umber.

ir/5

2.3.3. April 1966. Cylinder 60:S27 nearly into stamp, Group III issue 2. Second distribution. RSA facing left. Printing was a small number of sheets. Small perforations, RSA well defined, full sheet folded bigger than A3 paper. All varieties V 1-V10. Two sheet numbers, vague.

