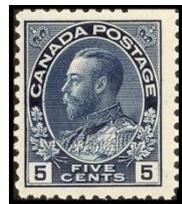


# The Admirals after Marler

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**Leopold Beaudet**  
**Editor, *The Admiral's Log***  
(revised 2023)



# Outline

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- Plates
- Lathework
- Pyramid lines
- Booklets
- Re-entries-retouches
- Design types
- Plate flaws
- Fluorescent ink

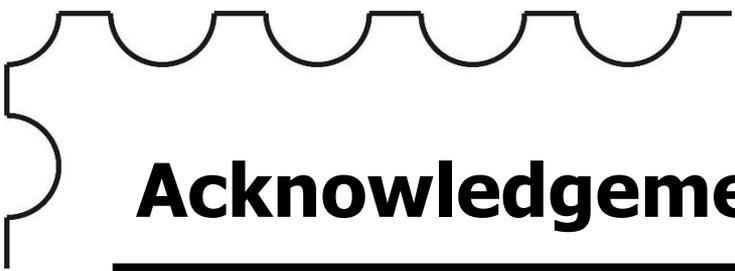
# "The Admirals after Marler"

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- The title has a double meaning
  - Discoveries made after Marler's 1982 book was published
  - Follows the trail blazed by Marler, Reiche, and so many others

This presentation is a revamp of one given to the Philatelic Specialists Society of Canada in 2008. Most of the discoveries described here were made after 2008.

The presentation draws from articles in *The Admiral's Log*, the newsletter of the BNAPS Admiral Study Group, presentations made at BNAPEX Admiral Study Group meetings, and material not yet published.



# Acknowledgements

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I would like to acknowledge the following for the use of illustrations

- Eastern Auctions Ltd.
- Sparks Auctions
- Saskatoon Stamp Centre
- Ian Kimmerly Stamps
- H. R. Harmer
- Randall W. Van Someren
- Bill Burden
- Glen Lundeen
- Ralph E. Trimble

# Admiral stamps

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- Printing
  - Rotary press used except for a few initial plates on flatbed press
  - PO numbers punched on plates up to 1915
  - Straight-edge sheet stamps issued in Jan 1914
  - Experiments with multiple subject dies and transfer rolls in 1915 and 1925
  - Lathework and pyramid lines, from late 1916 to Dec. 1924
  - Migration from wet to dry printing between 1922 & 1926
  - In 1923, began putting 3 plates on rotary press
  - Began chrome plating plates in 1927
- Production
  - 22 designs issued
    - Includes colour changes
  - 17 billion stamps printed
  - Current for 17 years
  - Over 700 plates prepared
  - Precancels galore
  - First regular coils
    - Sidewise and endwise format
    - Produced from sheets
  - First French booklets
  - First semi-postals (War Tax)

# Admiral postal history

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- 1911 – 1¢ and 2¢ Admiral stamps issued in December
- 1914-1918 – World War I
- 1915 - 1¢ War Tax imposed on 15 April
- 1918 – First postal strike
- 1918 – First authorized delivery of mail by air
- 1921 – Parcel post insurance replaces parcel registration
- 1921 – Use of postal meters approved. First usage in 1923.
- 1922 – COD introduced
- 1923 – Philatelic Section established
- 1923 – Canadian Bank Note Co. established on 1 Jan.
  - [Subsidiary of American Bank Note Co.](#)
- 1926 – War Tax removed on 1 July except for postcards and drop letters
- 1928 – Scroll issue appears. Last Admiral stamps replaced in 1929.
  - [3¢ carmine, perf 12 by 8, issued in 1931](#)

Ref: Thomas A. Hillman and E.R. Toop, *The Post Office in Canada: A chronology of Facts, Feats, and Firsts from the French Regime to 1981*, second edition, BNAPS, 2006

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# Plates



# Plates – straddling two panes



- No mention by Marler or Reiche
- Other 1¢ & 2¢ pieces straddling two panes
  - H. R. Harmer sale, 1-2 Nov. 1954, ex Alfred F. Lichtenstein
  - Eastern Auctions sale, 19 Aug. 1995, ex Abe Charkow

Courtesy Eastern Auctions Ltd., sale of 22 Oct. 2011, lots 1669 & 1670

Ref: Leopold Beaudet, "Unique Imperforates", *The Admiral's Log*, Vol. XIII,  
No. 1, Dec. 2013

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# Plates – 3¢ brown

- Marler, p. 504:
  - o “The existence of plate blocks or strips from Plate 92 has not been reported in the philatelic press”



Robert A. Lee Auctions, Sale 110, 26 June 2004, lot 2223 (ex Goodhelpsen)

Ref: Leopold Beaudet, "3¢ Brown Plate 92", *The Admiral's Log*, Vol. IX, No. 1, Apr. 2005

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# Plates – 5¢ violet



Plates  
1 – 14

Wet ptg  
No lathework

Plates  
15 – 22

Wet ptg  
Lathe D, D inv

Plates  
23 – 25

Dry ptg  
No lathe

- Marler and Reiche state:
  - Plates 1-14 used only for 5¢ blue
  - Plates 15-23 used only for 5¢ violet
- Plates 15-22 have lathework
- Plates 23-25 used for dry printing
  - No plate imprint at bottom
- 5¢ violet block must be from plates 9-14

# Plates – 3¢ carmine & 1¢ War Tax

- Other plates reported after Marler's book was published
  - o 3¢ carmine, plates 118-120
    - Jephcott collection (Maresch Sale 239-243, 19-21 June 1990)
    - Common on 3¢ brown
    - Scarce on 3¢ carmine
  - o 1¢ War Tax, plates 9 and 10
    - Handful of blocks known



# Plates – with dots



- Marler was meticulous with plate imprint variations and other marginal markings
  - Never mentioned the dot that appears above some plate nos
- Hans Reiche describes the dot on the 8¢ in his 1965 and 1971 Admiral books

Top block – UR pane  
Middle block – UL pane  
Bottom block – UL pane with dot above "1"

# Plates – 8¢ plates with dots

- All 3 8¢ plates come with a dot above the plate number on the UL pane



# Plates – 4¢ & 20¢ plates with dots

- 4¢
  - Plates 6, 7 – UL pane
- 10¢ bistre brown
  - Plate 23 – UL pane
  - Plate 24 – UR pane
  - Plate 25 – both panes



# Plates – 20¢ & 50¢ plates with dots

- 20¢
  - Plates 6, 7, 9 – UL pane
  - Plate 8 not used
- 50¢
  - Plate 4 – UL pane



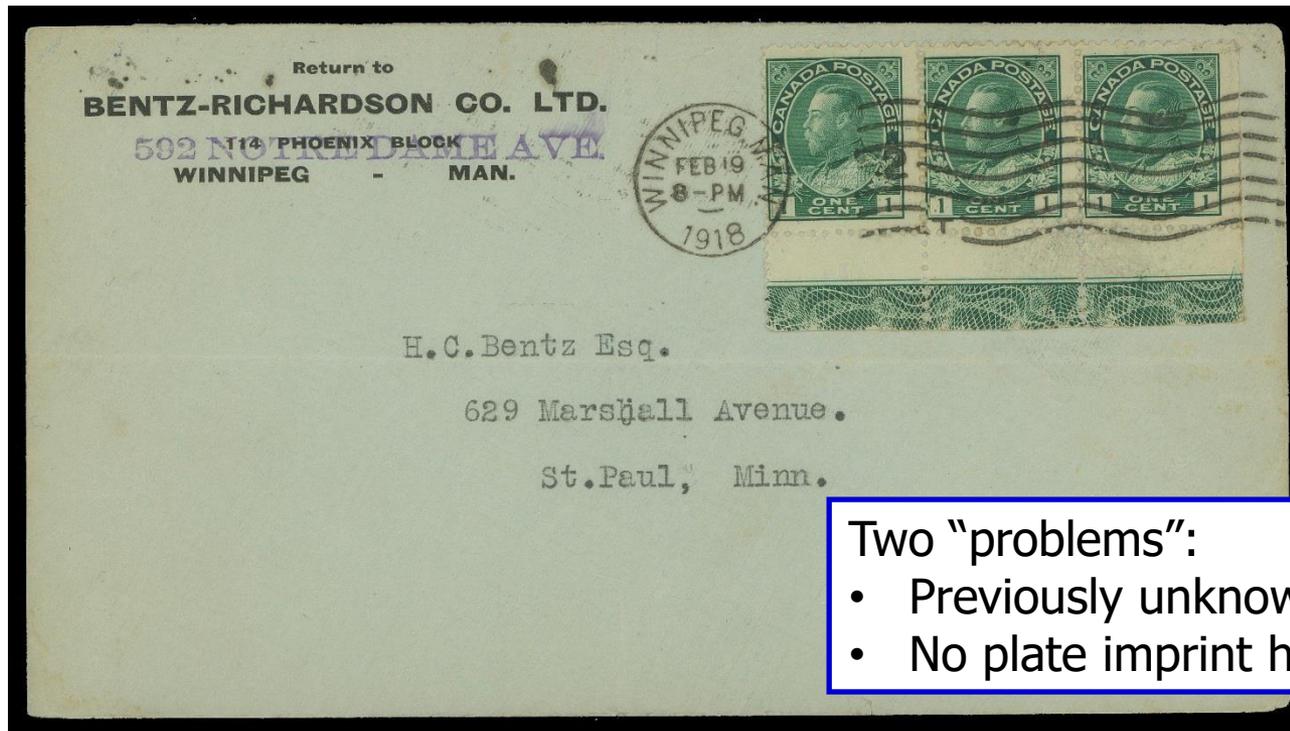
# Plates – why the dots?

---

- Dots occur on the last plates made for each stamp
  - Appear sometime AFTER initial plate use
- Chromium plating began in 1927
  - Dots linked to chromium plating?
- How about other Admiral stamps current in 1927?
  - No dots found on 1¢ yellow, 2¢ green, 5¢ violet
    - There were printings after chromium plating introduced
  - No dots found on 3¢ carmine, 7¢ red brown, \$1.00
    - Probably no printings after chromium plating introduced

# Plates – 1¢ green, imprint in lathework

- Eastern Auctions lot description – “There is a printing order ‘901J’ under lathework of the second stamp”



Two “problems”:

- Previously unknown variety
- No plate imprint has PO “901J”

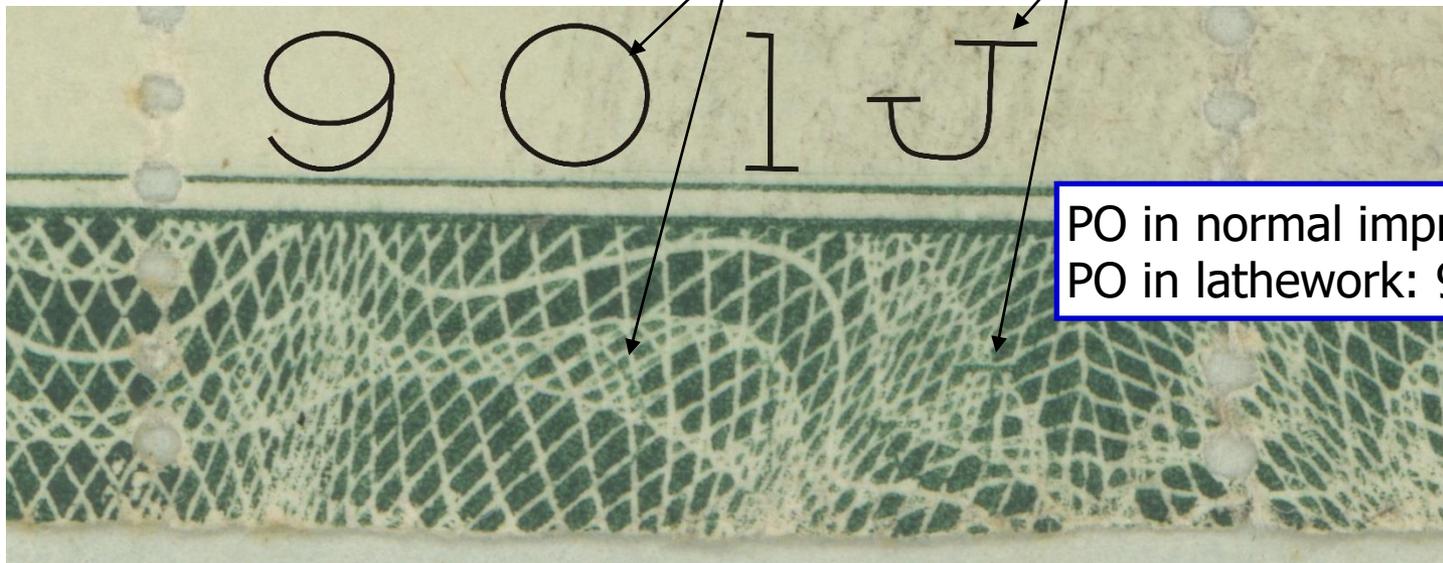
Courtesy Eastern Auctions Ltd.

John Smallman collection, Sale 23 Feb. 2018, lot 251 (\$891)

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# Plates – 1¢ green, imprint in lathework

- Found on plate 141
  - On plate proof at Library & Archives Canada
  - First 1¢ green plate with lathework
  - Plate imprint and PO no in lathework on both lower panes



# Lathework



← Type A →



← Type B →



Type B inv



← Type C →



Type C inv



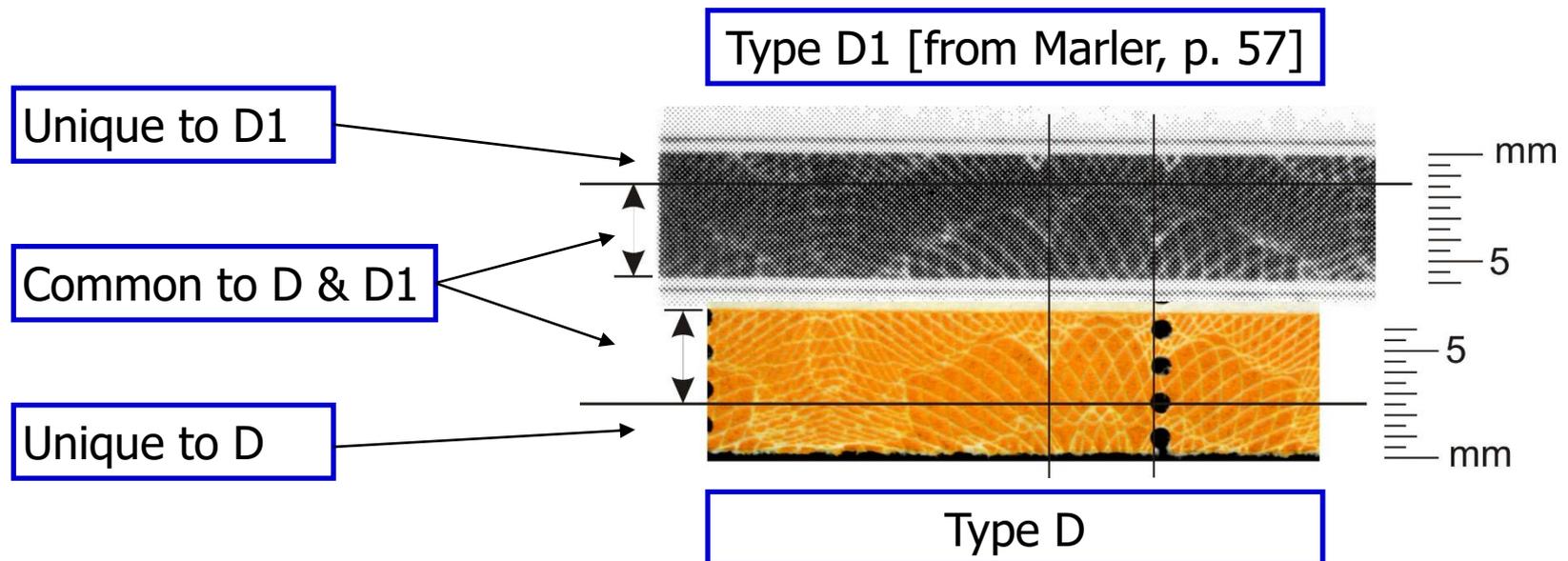
← Type D →



← Type D inv →

# Lathework – difference between D & D1

- Marler: type D1 = type D with line above and below
- In fact, D and D1 come from a lathework design wider than either type
  - D and D1 consist of two partially overlapping bands from the wider design
- D1 only on plates 175 and 176 of the 1¢ yellow
- D1 inverted only on plate 166 of the 2¢ green



# Lathework – 1¢ yellow, type B

- Lathework on 1¢ yellow sheet stamps
  - Type C, D, D inverted, and D1 listed
  - Type B unknown!
- LL corner of LR pane
  - Guide arrow + straight edge
- Where did this stamp come from?
  1. Error in Marler's lathework listing?
  2. Coil plate 11 / 12 (type B lathework)?
  3. 1¢ green plate with type B lathework?

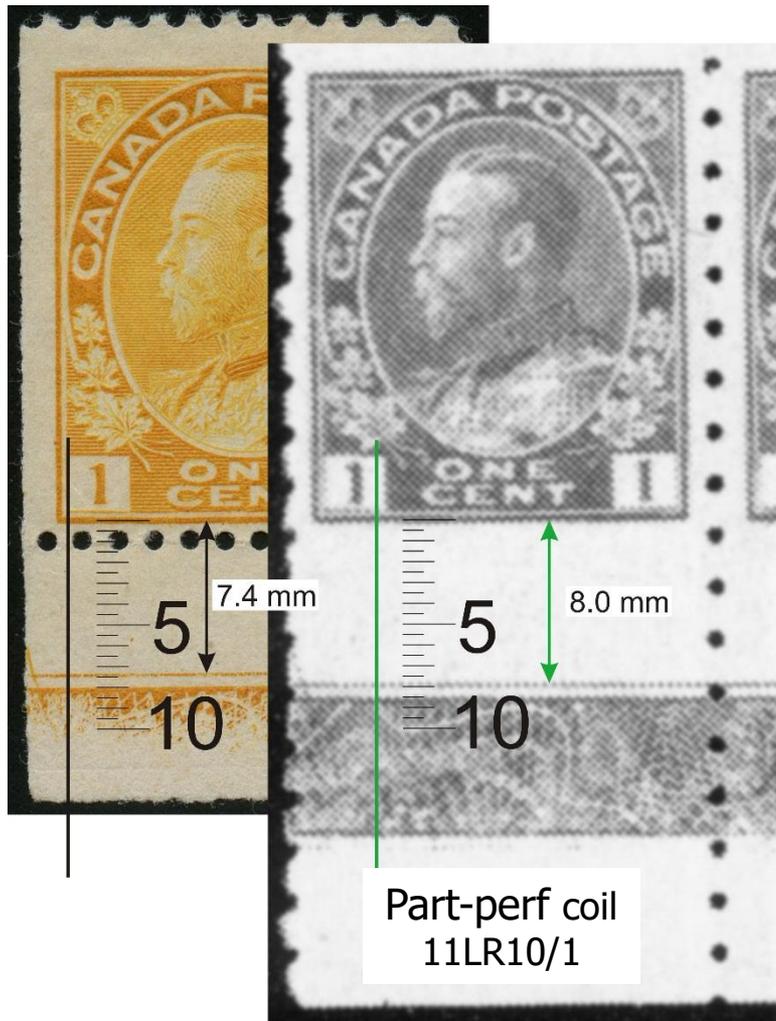


Courtesy Eastern Auctions Ltd.

John Smallman collection, Sale 23 Feb. 2018, lot 73 (\$6,350 with 15% buyer's premium)

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# Lathework – 1¢ yellow, type B – source



- Error in Marler's lathework listing?
  - o No
  - o There are no 1¢ yellow sheet plates with type B lathework
- Coil plate 11 or 12 (both have type B lathework)?
  - o No
  - o Lathework on coil plates 11 & 12 shifted to the right and 0.6 mm lower

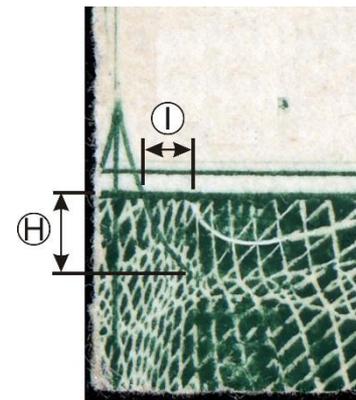
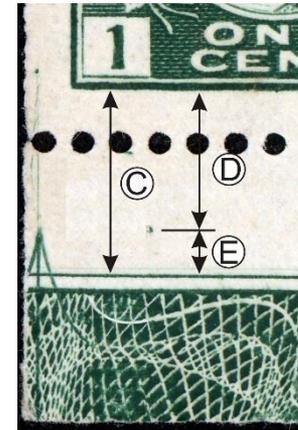
# Lathework – 1¢ yellow, type B – source

- Examined proofs of all 1¢ green plates with type B lathework
  - 26 plates (141 – 166)
- Measured relative position of
  - Stamp design, lathework, and guide arrow
- One plate matched the stamp
  - Plate 150

## Why plate 150?

1¢ green plates: 1 to 170

1¢ yellow plates: 169 to 199 ... and 150



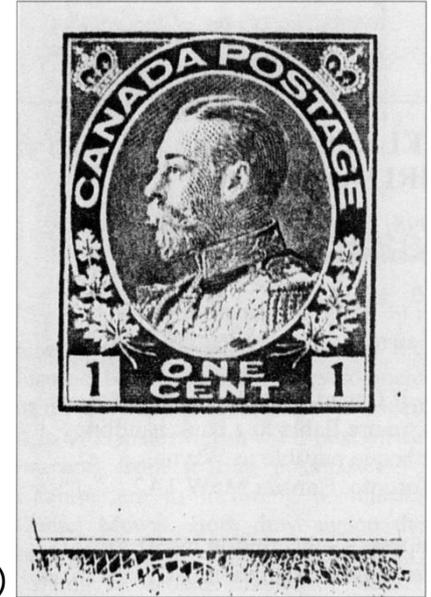
# Lathework – 1¢ yellow, type B – provenance

“Doug Riendeau found a 1¢ [yellow] Admiral with Type B lathework in a ‘sight unseen’ lot he bought at auction.

...

“This newly found lathework is listed in the 1999 [Unitrade Canada] Specialized Catalogue as ‘1¢ yellow, dry printing B, 40%’ with the notation that one example of Type B has been seen by the editors.”

The Yellow Peril (aka Stan Lum), “A Sweetheart in Every Port Part 7 - Lathework, New Finds”, *Maple Leaves*, Vol. 26, No. 2, Apr. 1999.



(Illustration in *Maple Leaves*)

- Listed in Unitrade catalogue from 1999 to 2006
  - Restored in 2019 edition
- Wet or dry?
  - 1999 Unitrade listing said “dry”
  - Stan Lum correctly said “wet”

# Lathework – 1¢ yellow imperf, type B



Imperf, type B  
Plate 150



Part-perf coil, type B  
Coil plate 11

- Marler states 1¢ yellow imperf exists with:
  - Type D1 lathework
    - From plates 175-176
  - Type D lathework
    - From plates 179-180
- Actually type B lathework, not D1
  - Which plate?
    - 1¢ yellow coil plates 11-12 have type B lathework...
    - But imperf stamps come from plate 150
    - Same plate as John Smallman's perforated stamp

Imperf pair courtesy Ian Kimmerly Stamps

Part-perf block courtesy Eastern Auctions Ltd.

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# Lathework – 3¢ brown, type E



- Type E or “special” lathework exists only on plate 77 of the 3¢ brown
- Pieces from the upper panes showing the plate inscription are known but scarce
- Mid 2004 – first example of the lathework reported
  - R. F. (Hank) Narbonne, Greenwood Stamp Co. [*BNA Topics*, July-Sept. 2004]
- Postmark: Chesterville, ON, 23 August 1920
- Plate 77 engraved on 31 March 1920 and approved on 6 April 1920

Courtesy Glen Lundeen

Ref: Leopold Beaudet, “Scarce and Unusual Lathework”, *The Admiral’s Log*, Vol. IX, No. 1, Apr. 2005

# Pyramid lines



Courtesy Glen Lundeen, Eastern Auctions Ltd.

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# Pyramid lines – the stamp that couldn't be

- No 2¢ green plate proof has pyramid lines in the right margin!
- Pyramid lines must have been added to plate after plate proofs were printed
  - Which plate(s)?

Only examples known



Single ex Stan Lum

Block of four courtesy Glen Lundeen

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# Pyramid lines – timeline

Value	Plate	Engraved	Pyramid left	Pyramid right
3¢ brown	110-111	3 Feb. 1922		X
2¢ green	171-172	26 June 1922		
2¢ green	173-174	25 July 1922		
3¢ carmine	115	25 Oct 1922		X
3¢ carmine	116-117	3 Nov. 1922	X	
2¢ green	175-176	29 Nov. 1922	X	
2¢ green	179-181	23 May 1923	X	
2¢ green	177-178	7 July 1923	X	

- Likely 2¢ plates: 171-174

Adapted from Marler, table on p. 60

- 3¢ brown plates 110-111 first with pyramid lines
- 3¢ carmine plates 116-117 first with lines in left margin
- 2¢ green plates 175-181 lines in left margin

# Pyramid lines – 2¢ green, lines at right

Value	Plate	Engraved	Pyramid left	Pyramid right
2¢ green	171-172	26 June 1922		
2¢ green	173-174	25 July 1922		

- Stamps are Marler design type R(2)6
  - Plates 171-172 are type R(2)5
  - Plates 173-174 are type R(2)6
- Based on plating features on plate proofs at Library and Archives Canada:
  - Block of four is from plate 174, LR pane
  - Single is from plate 173, UR pane

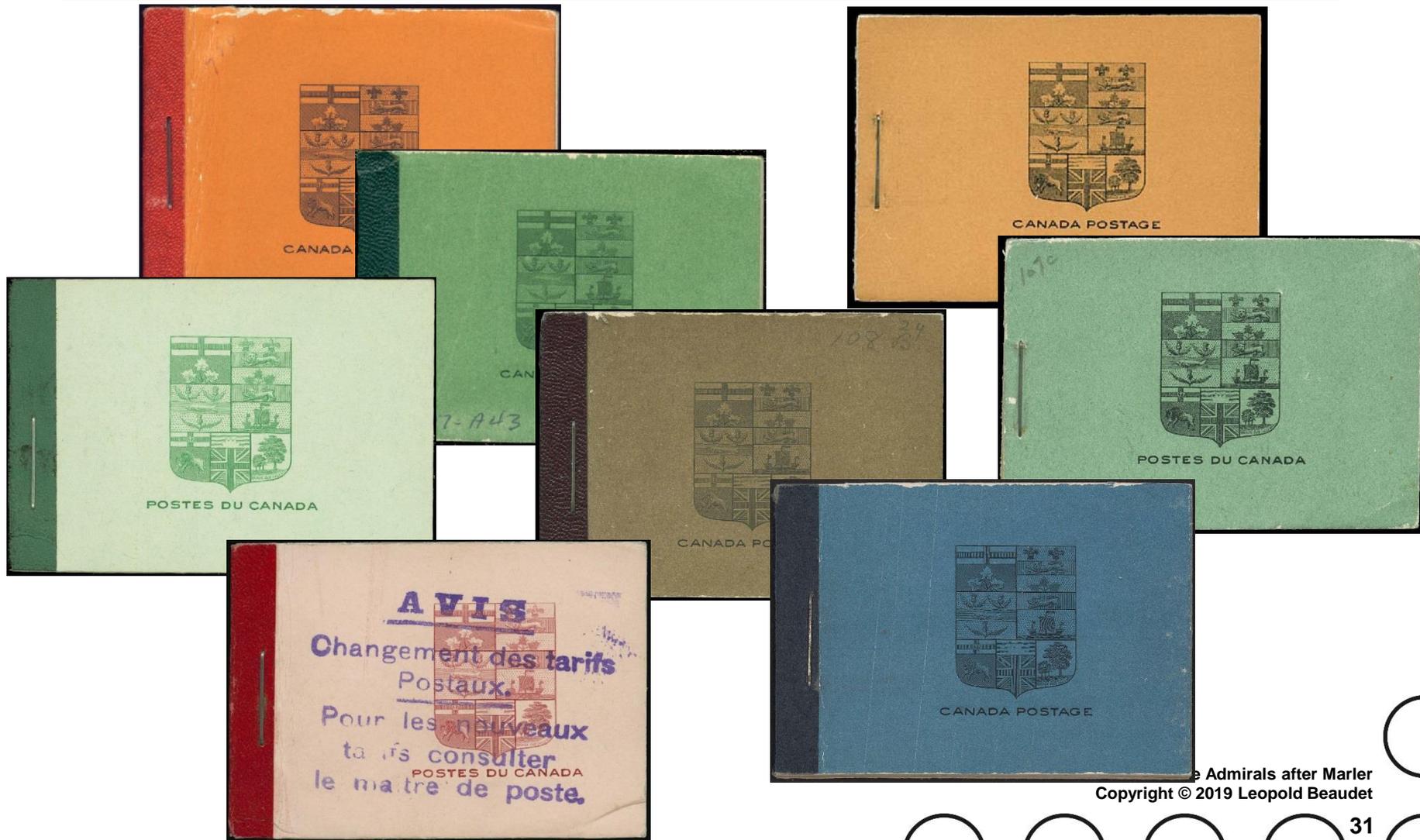


Single ex Stan Lum

Block of four courtesy Glen Lundeen

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# Booklets

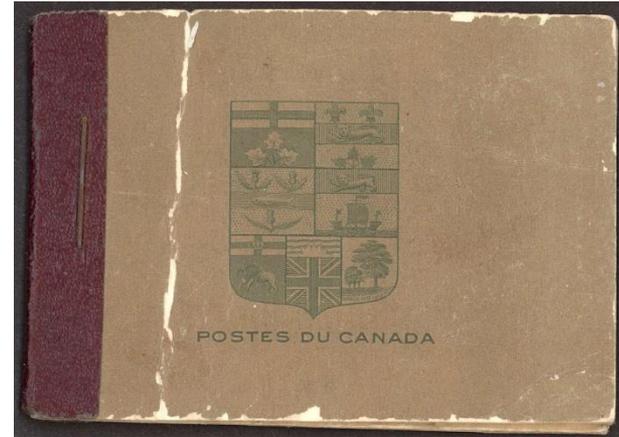


# Booklet – French cover, 3¢ brown stamp



- Brown cover
- Arms engraved in “dark brown”
- Binding tape
- Issued early 1922
- Only known copy
  - Ex Rodgers, Jarrett, Siverts, Bayes
- Marler unaware this printing existed

Booklet on left courtesy H. R. Harmer, Sale 22 May 2008



- Brown cover
- Arms engraved in “greenish black”
- Binding tape
- Issued 1922 or 1923
- Marler describes this printing

# Re-entries & retouches



5¢ blue courtesy Ian Kimmerly Stamps

7¢ bistre courtesy Sparks Auctions

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## Re-entry – 1¢ green coil 12LR35



- Marler reported that sheet stamps were used to produce coils
- In the 1980s, Warren Bosch found the most famous Admiral re-entry on a 1¢ green perf 8 sidewise coil
  - o 12LR35 (plate 12, LR pane, stamp 35)
  - o Only copy known



Courtesy Bill Burden

Ref: Warren Bosch, "Re-entry Reminiscences", *The Admiral's Log*, Vol. XI, No. 1, Jan. 2008

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# Re-entry – 1¢ green 24UR6 many marks



Courtesy Randall W. Van Someren



Ex Ed Beaubien

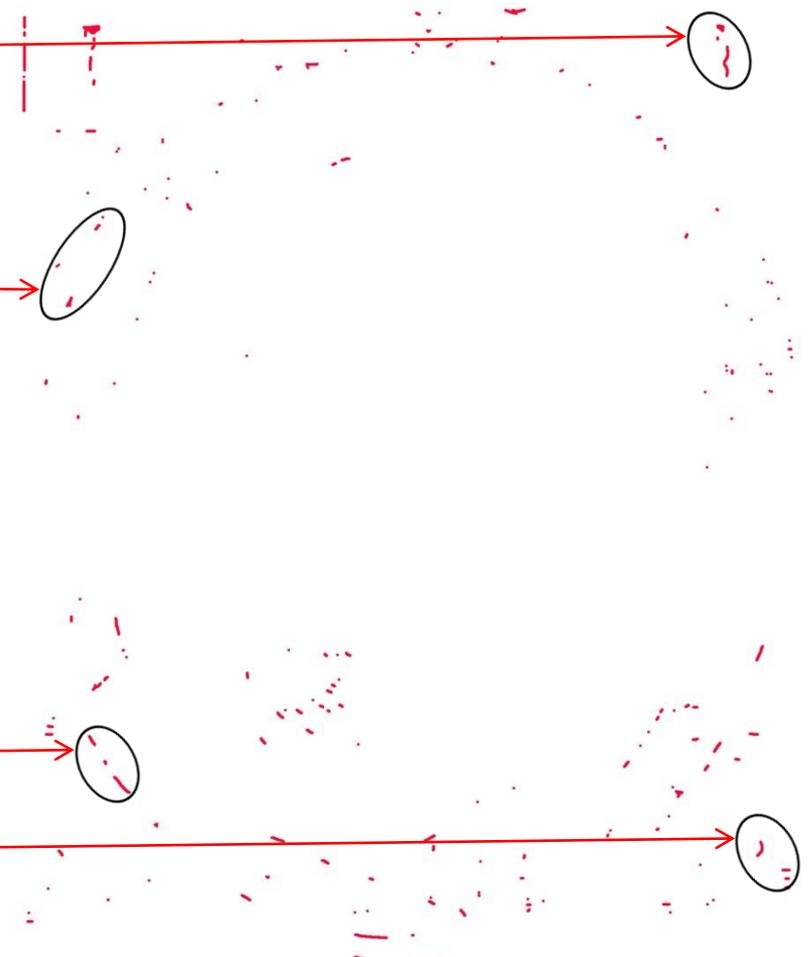


Marler on 24UR6: “Doubling in the upper left of the crown and the top of the vertical line, with marks in CANADA, P, and E and in ONE CENT”

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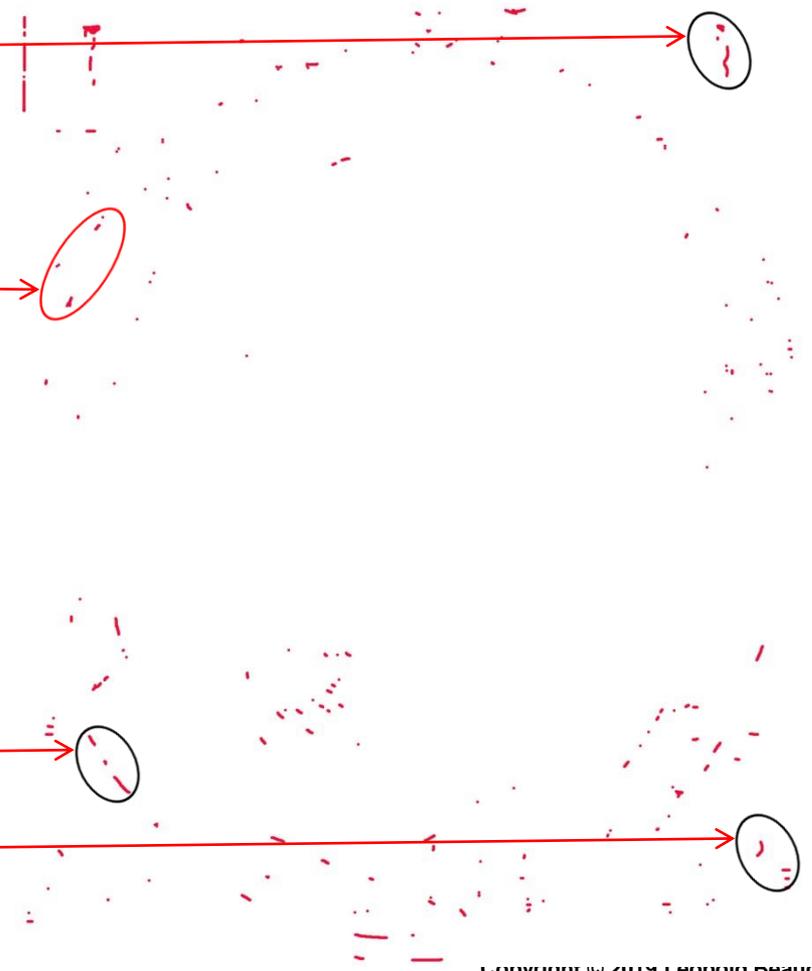
Ref: Randall W. Van Someren, “An Extraordinary Re-entry on the 1¢ Green”, *The Admiral's Log*,  
Vol. XIV, No. 1, June 2018

# Re-entry – 1¢ green 24UR6 re-entry + mat



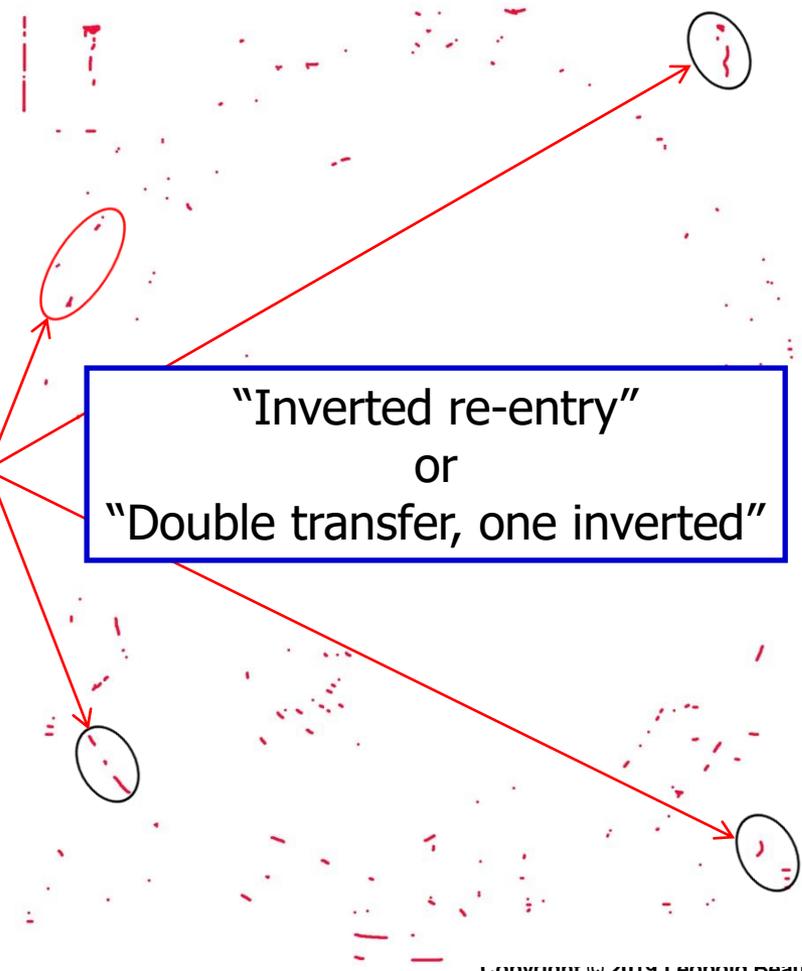
Courtesy Randall W. Van Someren

# Re-entry – 1¢ green mat superimposed



Courtesy Randall W. Van Someren

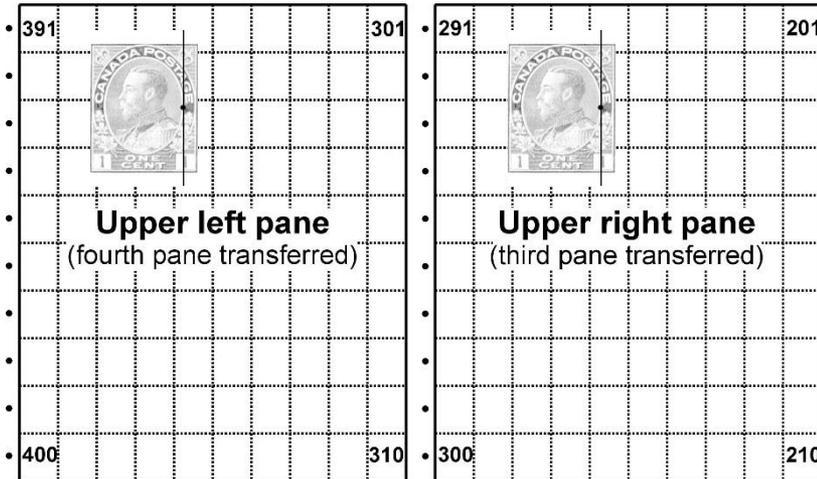
# Re-entry – 1¢ green 24UR6 mat inverted!



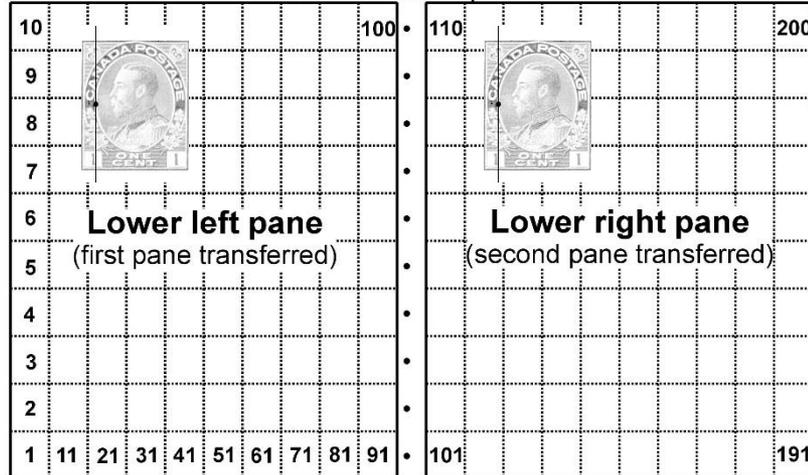
“Inverted re-entry”  
or  
“Double transfer, one inverted”

Courtesy Randall W. Van Someren

# Re-entry – 1¢ green – how did it happen?



Gutter between panes



Transfer begins here

- Plate 24 was laid down in this sequence
  - LL pane
  - LR pane
  - Plate rotated 180°
  - Transfer roll rotated 180°
  - UR pane
  - UL pane
- Suppose ...
  - The plate was rotated for the UR & UL panes
  - The siderographer began laying down 24UR6 with the transfer roll upright
  - The siderographer caught the error, rotated the transfer roll, and finished laying down 24UR6

# Re-entry & retouch – 3¢ brown 29UR20



- Minor re-entry and retouch

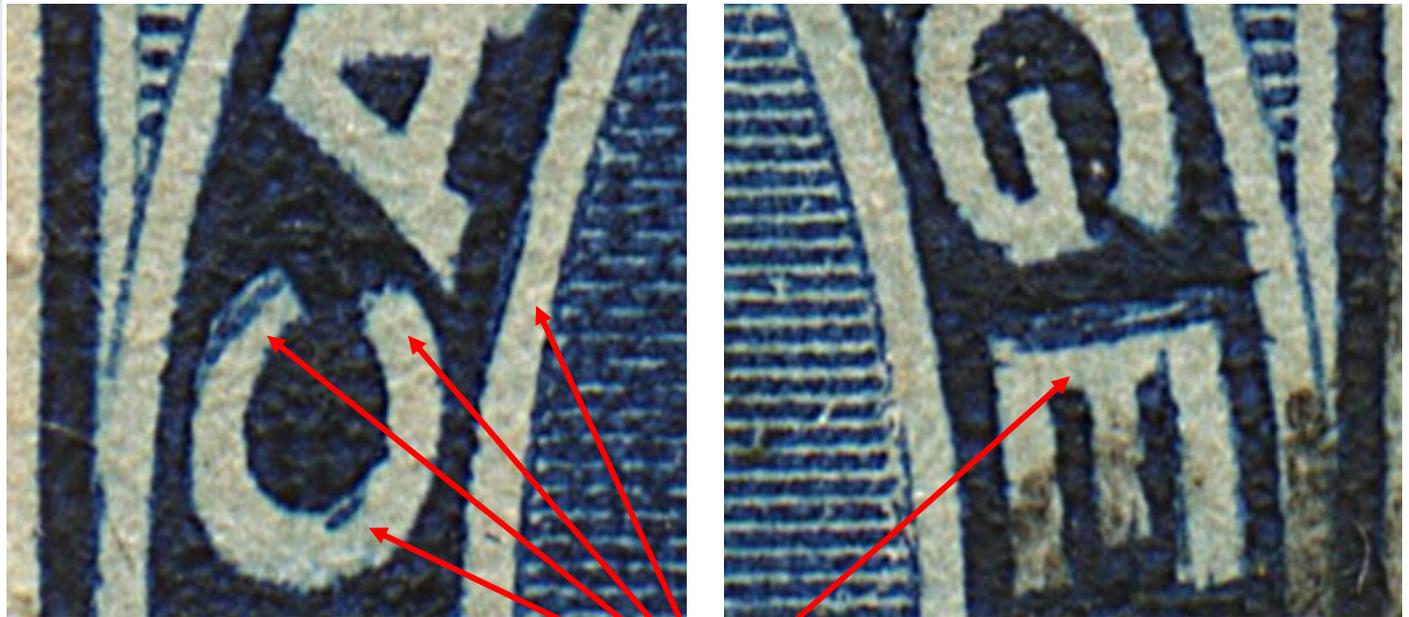
o Not in Marler

There are 117 3¢ brown plates. Using the proofs at Library and Archives Canada, how many stamps do you need to examine to plate this one?

How about ... just TWO!

Shape of vert line of LNB  
◆ Type 7 ◆ Plate 29  
Guide dot in right margin  
◆ Column 10 of UR or LR pane  
Stamp 2 in column 10, UR pane  
◆ 29UR20

# Re-entry – 5¢ blue plating success



Re-entry

Courtesy Bill Burden

Ref: Ralph E. Trimble, "5¢ Blue Re-entry in C of CANADA, E of POSTAGE",  
*The Admiral's Log*, Vol. XII, No.1, Dec. 2010

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# Re-entry – 5¢ blue 9LR80



Type 2

Plates 1-2 (200 stamps), 3-14 (400 stamps) ▶ 5,200 stamps.  
Marler's type 2 ▶ Plates 5 to 10 ▶ 2,400 stamps.  
Guideline in right margin ▶ Column 10 of UR, LR pane ▶ 120 stamps.

From plate proofs at Library and Archives Canada: 9LR80.

Not in Marler.

Other copies: Ralph Trimble (*Log* article + website #4), metari (eBay), listed in Unitrade (111iv).

Courtesy Bill Burden

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# Defective transfer – 7¢ bistre



Upper left – 1R100



Lower left – 1L13



Lower left – 1L33



Lower left, retouched – 2L53



Bottom frame – 1L46



Lower right – 2R49

- Over 60 defective transfers on plates 1 and 2
  - o About 10 of them retouched

# Defective Xfer – major retouch on 2L76



Ex Sandy Mackie

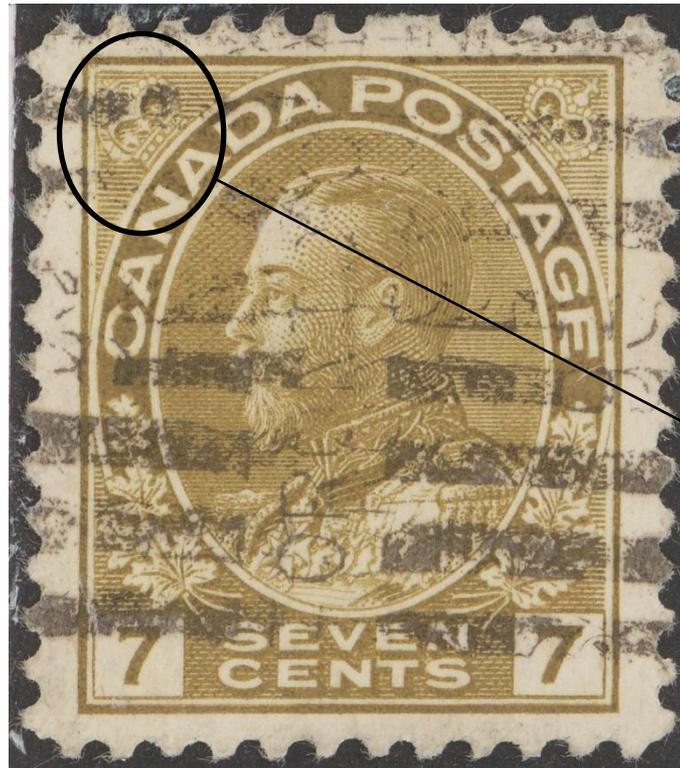
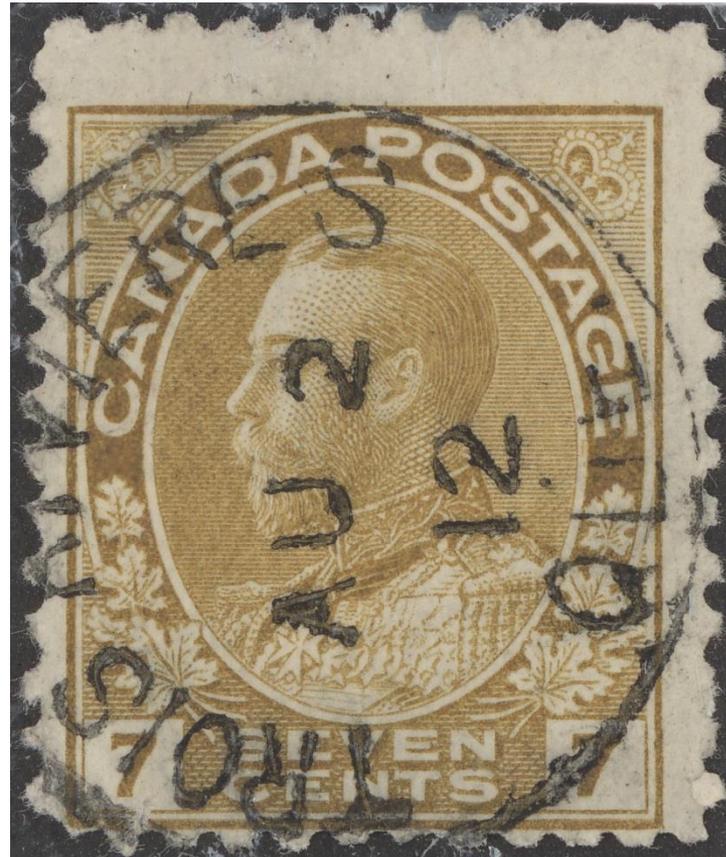


Photo from plate proof [Marler, p. 30].  
"X" in pencil flags defective transfer of the upper left.  
Issued stamp with upper left spandrel retouched.

# Defective Xfer – astounding retouch

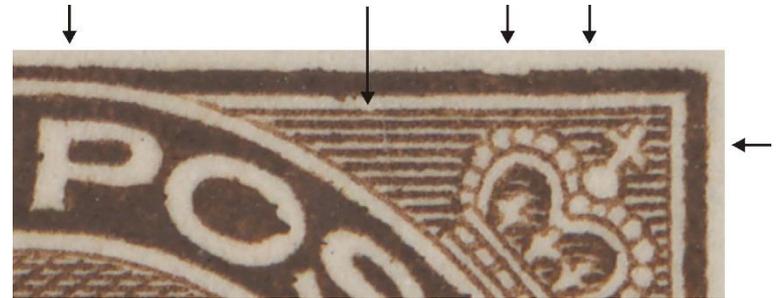
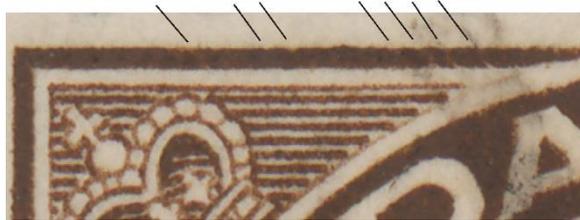


Stamp w/o the retouch! The retouch was made AFTER plate was put into production. When? Before the stamp with the retouch dated AU 2 / 12 was printed.

Ex Sandy Mackie

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# Marler design types



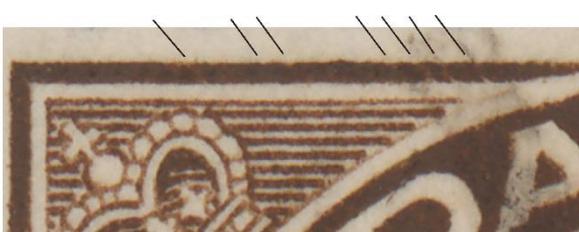
# Marler design types

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- What is a design type?
  - A set of characteristics common to a group of subjects on an appreciable part of a plate, an entire plate, or several plates
    - Typically but not always produced by a relief on the transfer roll
- Why are they important?
  - Identify the plate or group of plates that a stamp with a re-entry or some other plate flaw comes from
  - Detect fakes
  - Distinguish sheet stamps from booklets

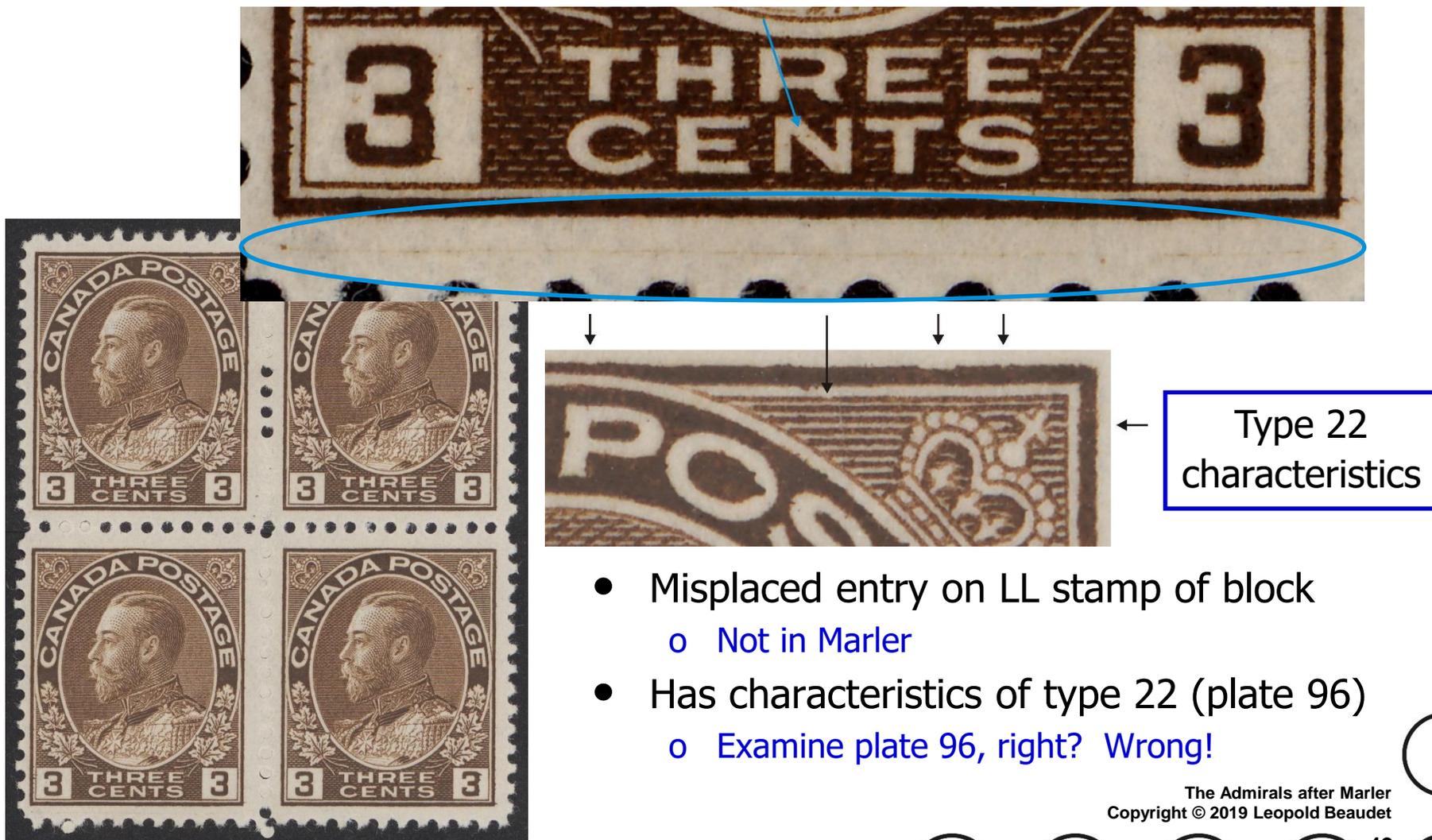
# Design types – 3¢ brown, new file marks

- Marler found 5 file mark patterns on 3¢ brown
  - Types 10 to 14 – plates 38-44, 46-49, 52-61
- Randall W. Van Someren found a 6<sup>th</sup> file mark type
  - On type 16 stamps – plates 50-51
- How to fix Marler design types?
  - Just add file marks to Marler's type 16 description



The slanted lines are  
above file marks in  
the frame

# Design types – 3¢ brown misplaced entry



- Misplaced entry on LL stamp of block
  - Not in Marler
- Has characteristics of type 22 (plate 96)
  - Examine plate 96, right? Wrong!

# Design types - 3¢ brown plate 82 type ?

Plate 82 – type ?

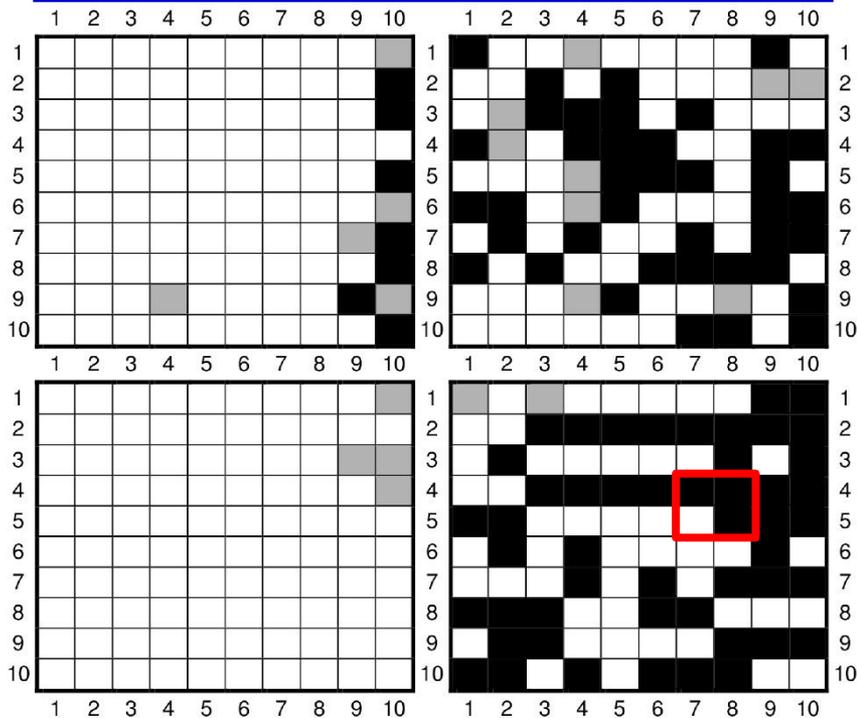
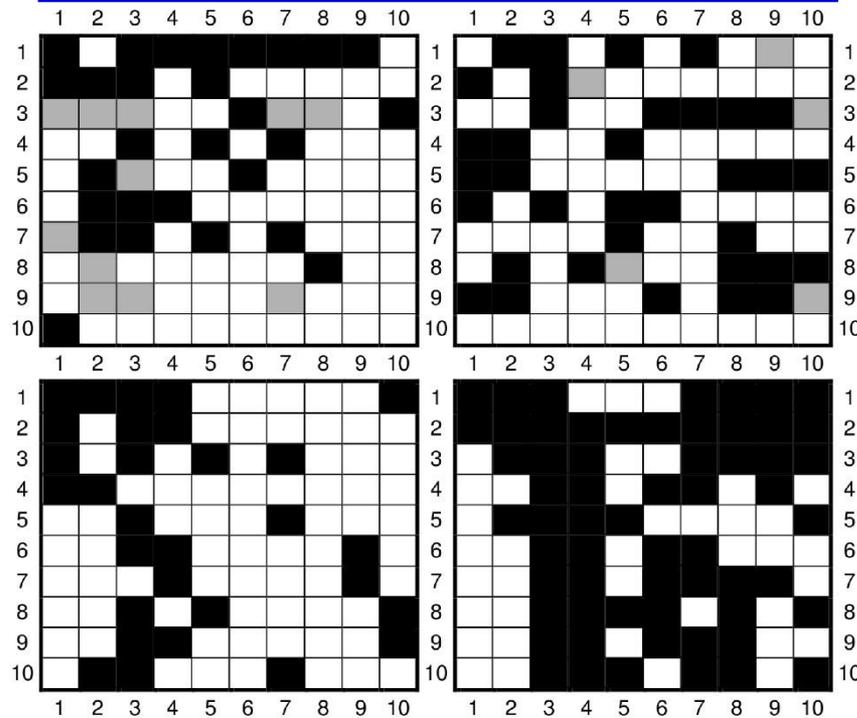


Plate 96 – type 22



- Misplaced entry is 82LR47
- Marler says plate 82 is type 17
  - It is actually type 22, like plate 96
- How to fix Marler design types?
  - Reclassify design type of plate 82

Black = dent in top frame

Grey = bulge (retouch) in top frame

# Design types – 2¢ carmine type R32

- 2¢ carmine type R32 – plates 141-144
  - Marler: vertical line of RNB broken at top and two places near the top 1 mm



# Design types – 2¢ carmine type R32

---

- Many R32 stamps have another characteristic
  - Bottom frame weak below CE in CENTS
  - Plate 142 (panes on right side, column 7 to 10), 143, 144
  - Discovered independently by Sandy Mackie and Randall W. Van Someren
- How to fix Marler design types?
  - Define R32 subtype – R32A



# Design types – 3¢ brown type 17

---

- Type 17
  - o Break in UR vertical line between lines 3 and 4
  - o 13 plates: 62 (panes on left side, columns 1 to 5), 66, 67, 82 (?), 83, 86-89, 110-113



## Design types – plate 62 is NOT type 17!

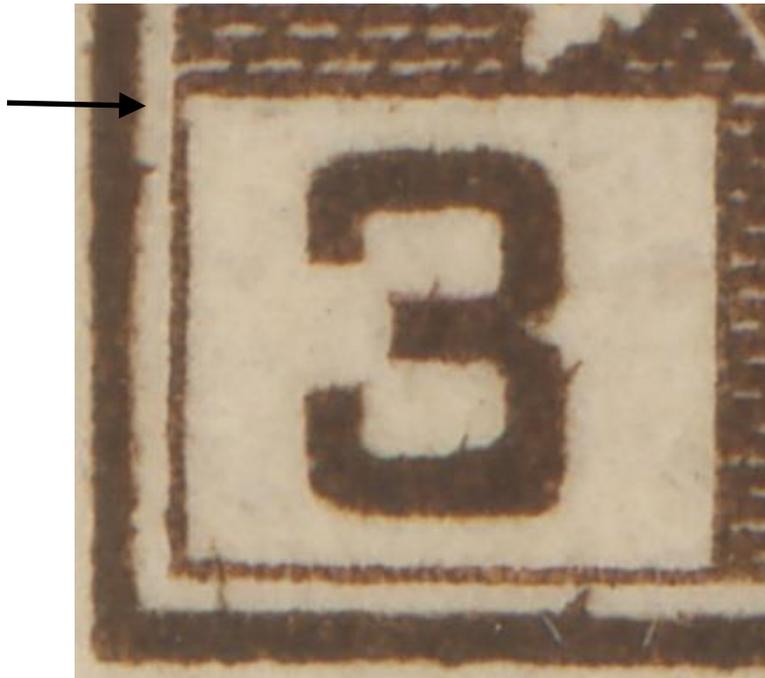


- Plate 62 columns 1 to 5 have readily identifiable characteristic
  - Lower part of left frame rough or broken
- Not type 17
  - But stamps have break in UR vertical line
- Discovered independently by Peter Payne, Randall W. Van Someren, and me
- How to fix Marler design types?
  - Need a new type number!

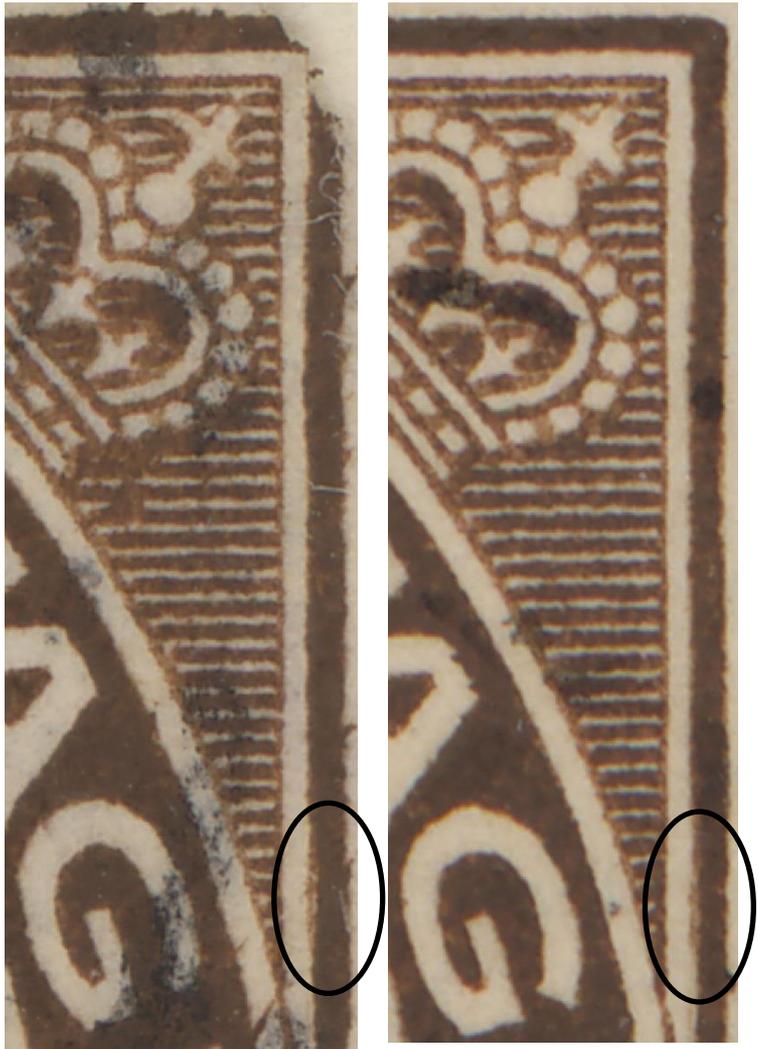
# Design types – 3¢ brown type 19

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- Type 19
  - o Break at the top of the left numeral box (LNB)
  - o 6 plates: 63, 71, 73, 76, 77, 102



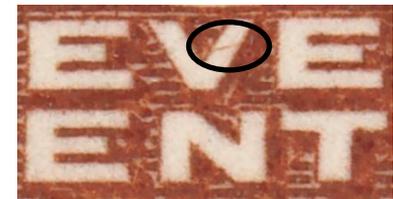
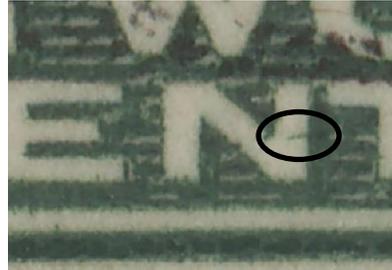
## Design types – plate 63 is NOT type 19!



- Stamps have readily identifiable characteristic
  - Break in the right frame opposite G
  - Also have break at top of LNB
- Discovered by Randall W. Van Someren
- How to fix Marler design types?
  - Need a new type number!

Ref: Richard M. Morris, "A Relief Break – Take 3", *The Admiral's Log*, Vol. XII, No. 1, Dec. 2010

# Plate flaws



# Plate flaws – 7¢ red brown

- Two plates: 7 and 8
- Position of flaws varies from stamp to stamp
- Marler: separate relief for each plate

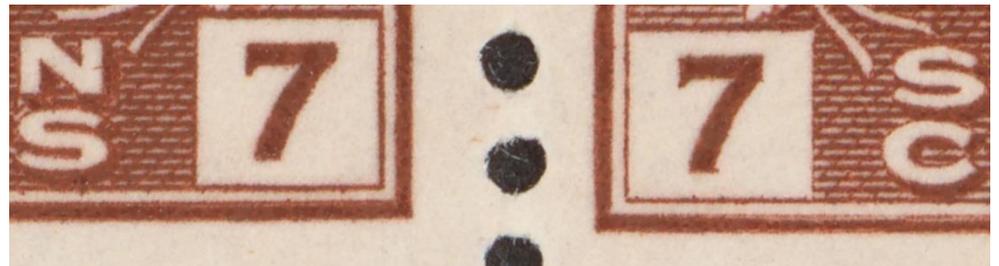
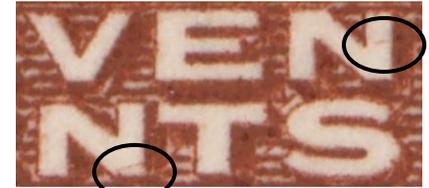


Plate 8 – Line in N on all stamps in block of 4

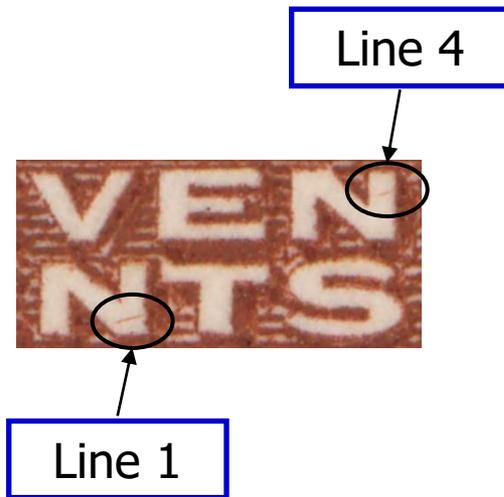


Plate 7 – Line in V



# Plate flaws – 7¢ Line in N of SEVEN, CENTS

- Four lines in top margin of several columns of plate 8
  - Line 1 – Line in N of CENTS
  - Line 4 – Line in N of SEVEN



# Plate flaws – 7¢ same flaw on BOTH plates

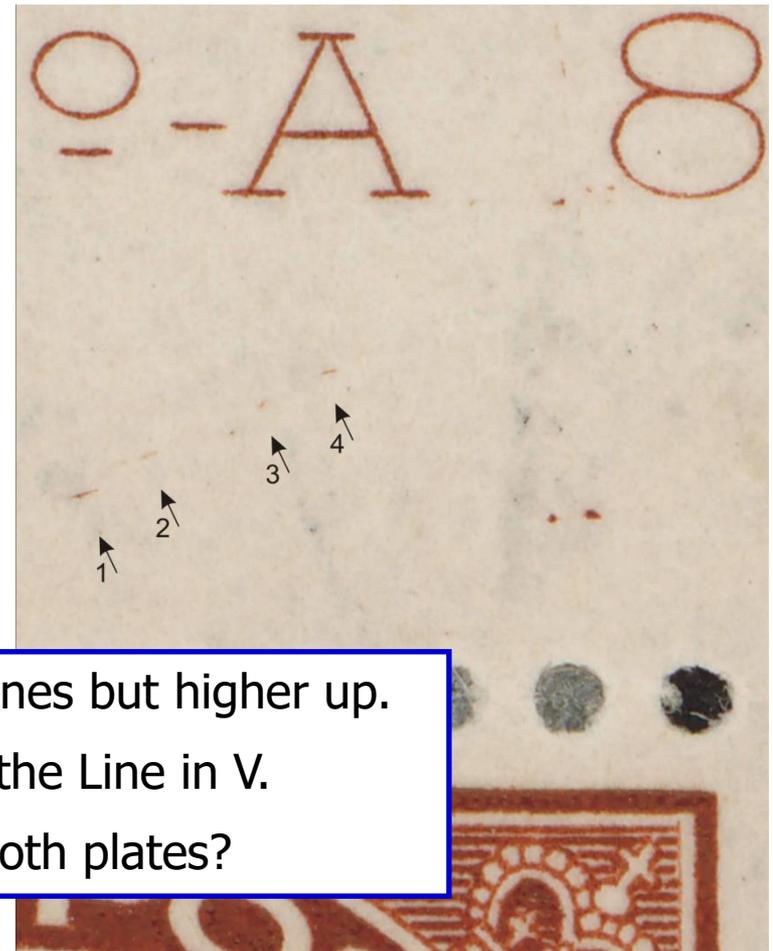
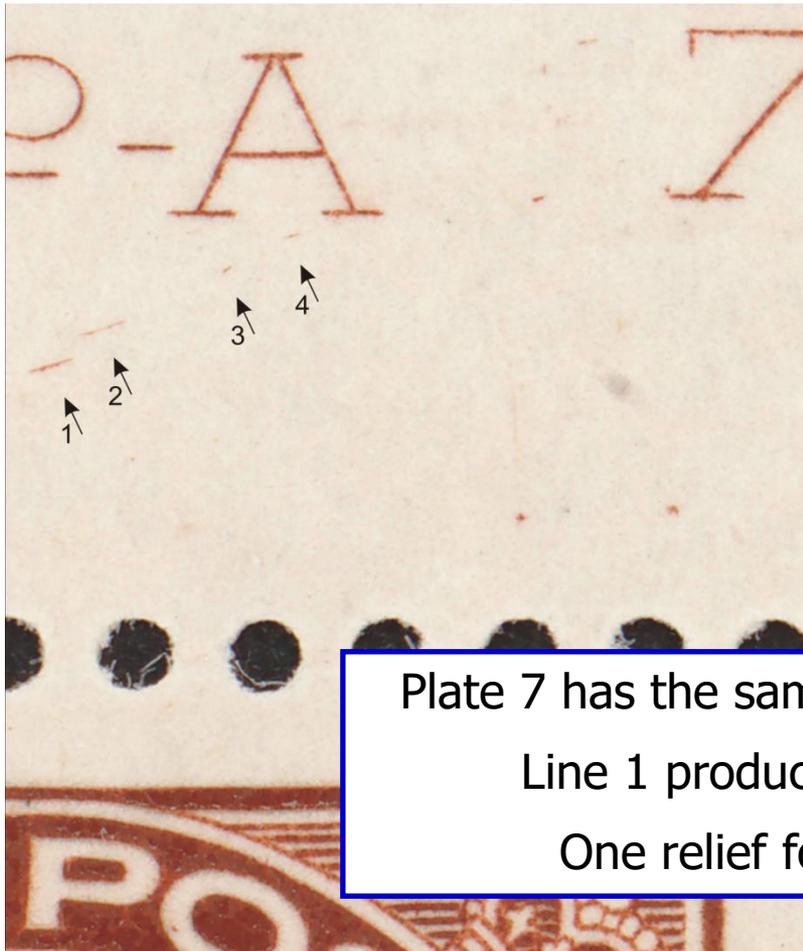


Plate 7 has the same lines but higher up.  
Line 1 produced the Line in V.  
One relief for both plates?

# Plate flaws – 2¢ vertical band flaws

- Constant flaws that occur at different places up and down a narrow vertical band

## Yellow band

A short horizontal dash on the left side of the design

## Green band

A diagonal line rising to the right, sometimes with another diagonal line above it going the other way

## Red band

A nearly horizontal dash rising slightly to the right, sometimes with a dot at the midpoint



# Plate flaws – 2¢ vertical band flaws

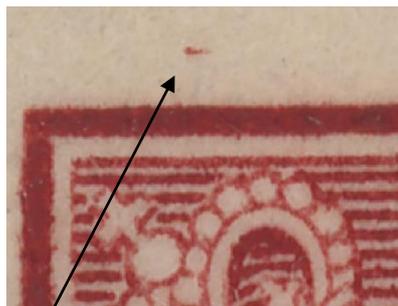
- The flaws occur on
  - o 2¢ carmine sheet stamps
  - o 2¢ green sheet stamps
  - o 2¢ green sidewise coils
  
  - o Retouched die, state 1
  - o Retouched die, state 2
  - o Re-engraved die
  
  - o Several design types



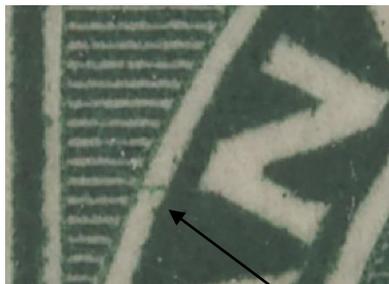
Stamp	Type			
2¢ carmine	R32	Yellow	Green	Red
	R(2)1		Green	Red
	R(2)3	Yellow	Green	Red
2¢ green	R(2)5	Yellow	Green	Red
	R(2)9		Green	Red
	RE1	Yellow	Green	Red
	RE2	Yellow	Green	Red
2¢ green coil	RE3		Green	Red
	SRR(2)11	Yellow		
	SRRE12	Yellow	Green	

Table adapted from article by Randall W. Van Someren

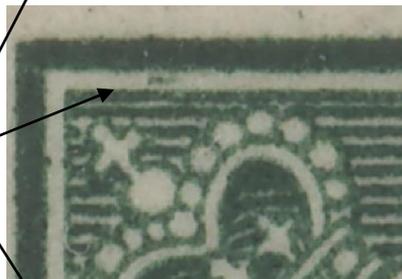
# Vertical band flaws - 2¢ yellow band flaw



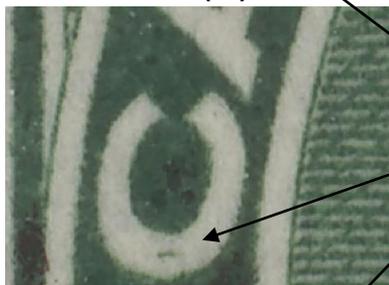
R32



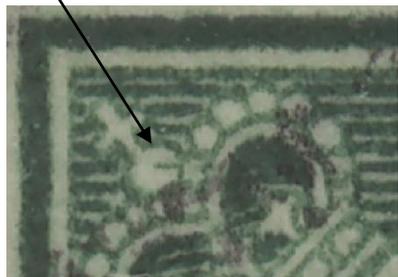
SRR(2)11



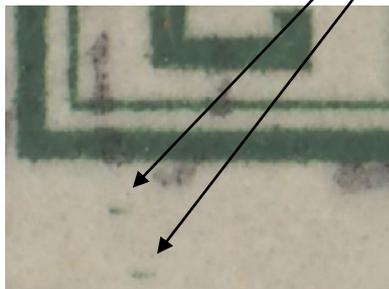
SRR(2)11



SRRE12



R(2)5



RE1



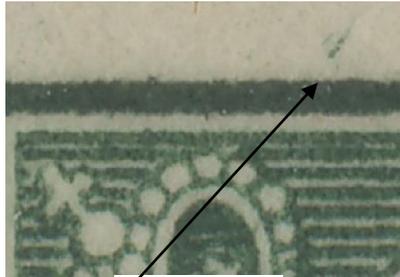
## Yellow band

A short horizontal dash on the left side of the design

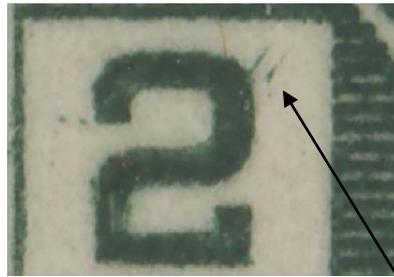
Stamp images courtesy  
Randall W. Van Someren

The Admirals after Marler  
Copyright © 2019 Leopold Beaudet

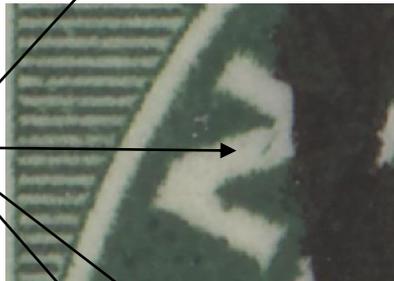
# Vertical band flaws - 2¢ green band flaw



R(2)9



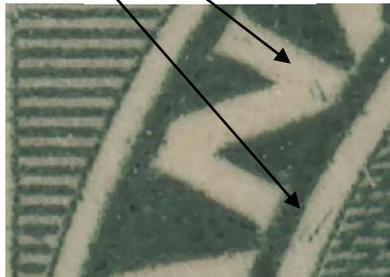
R(2)5



SRRE12



R(2)9



RE1



R32



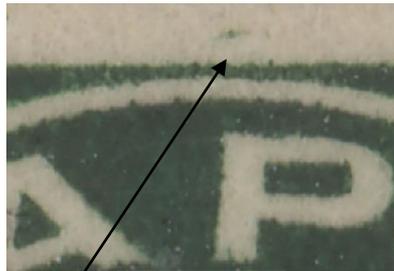
## Green band

A diagonal line rising to the right, sometimes with another diagonal line above it going the other way

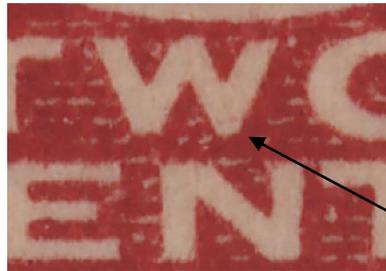
Stamp images courtesy  
Randall W. Van Someren

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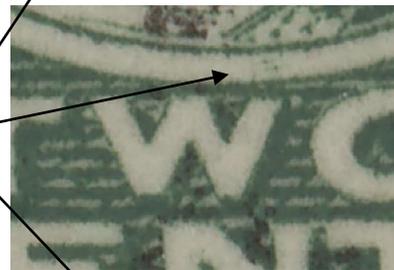
# Vertical band flaws - 2¢ red band flaw



R(2)9



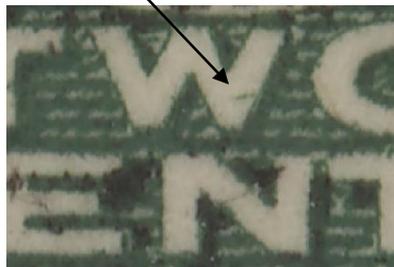
R(2)1



RE1



RE1



RE2

Both Reiche and Marler mention a line in the N in CENTS

**Red band**  
A nearly horizontal dash rising slightly to the right, sometimes with a dot at the midpoint

Stamp images courtesy  
Randall W. Van Someren

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# Vertical band flaws – how common on 2¢?

Plate 142 – type R32

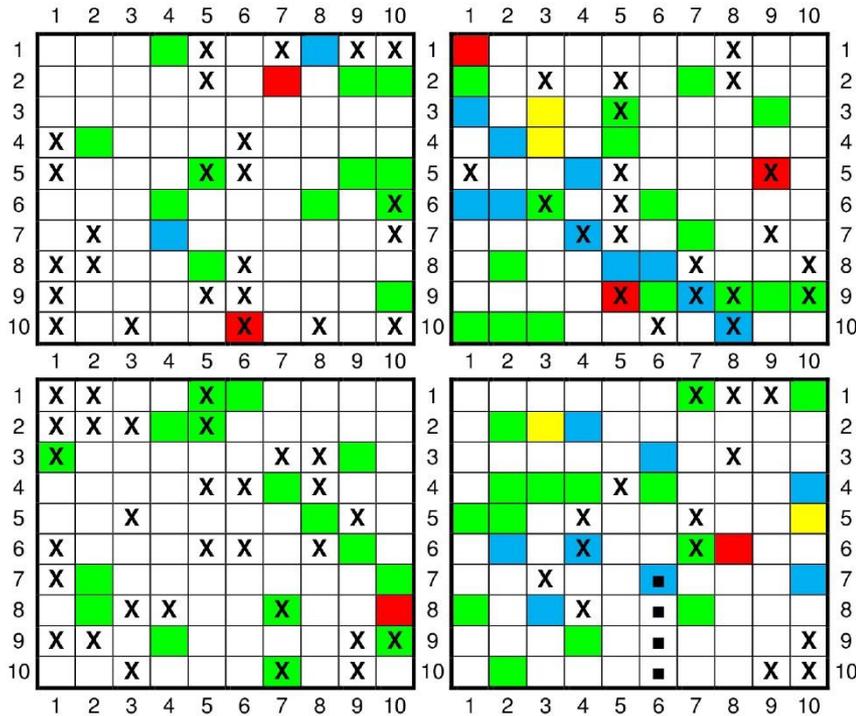
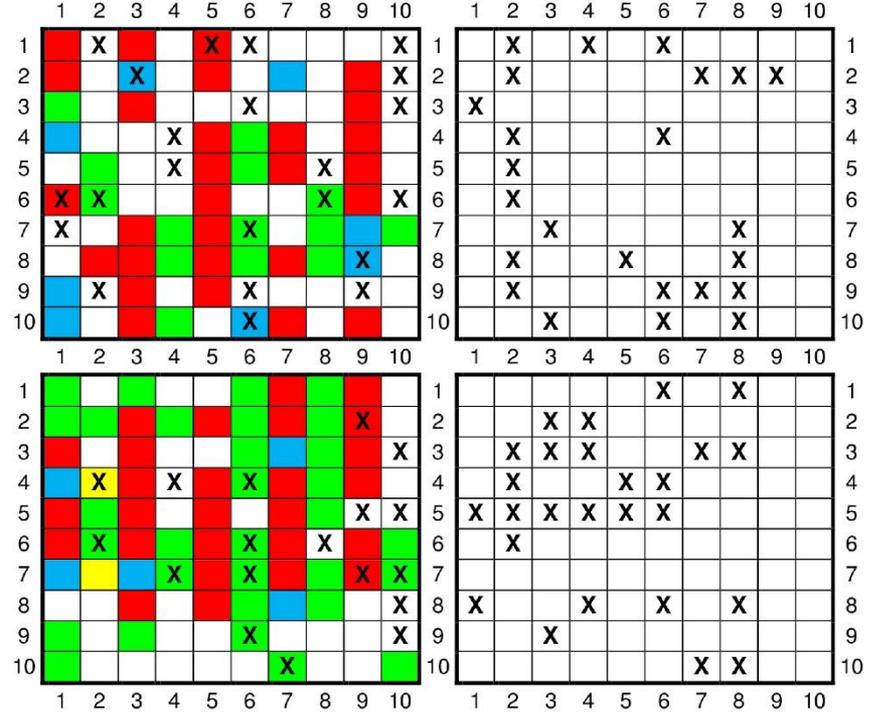


Plate 158 – type R(2)3



Blue = Two or three VB flaws  
 X = Other plate flaw  
 ■ = Relief break

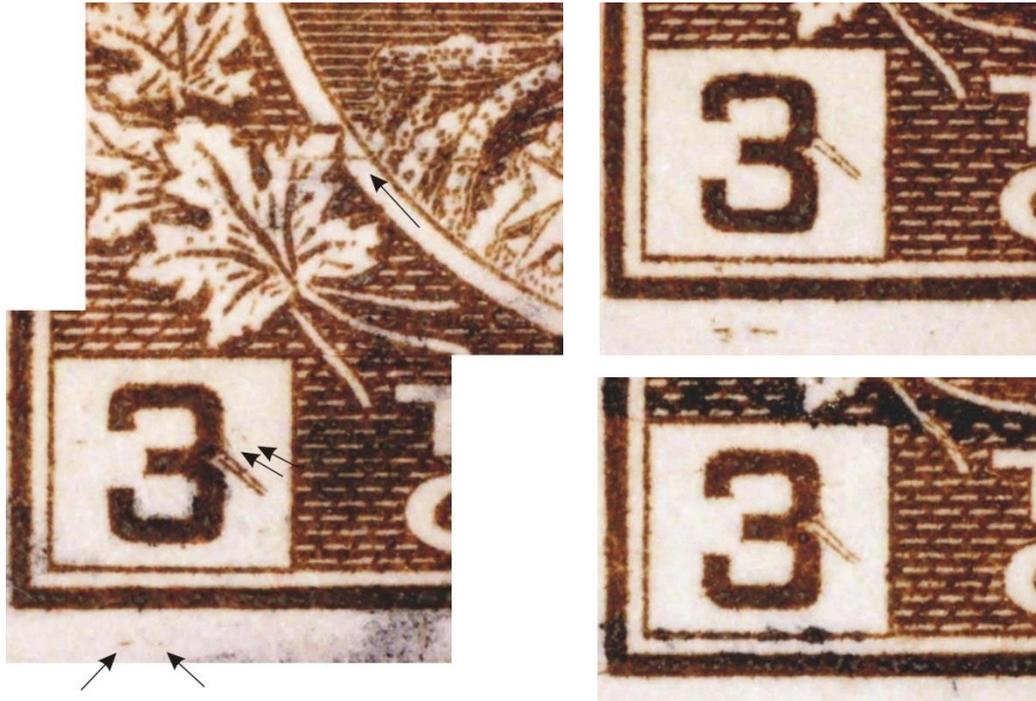


Remarkably, no VB flaws on right panes

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# Plate flaws – 3¢ vertical band flaw

- Two-by-two flaw
  - Two diagonal lines on the right side of the “3” in the LNB
  - Two horizontal dashes in the bottom margin below the “3” in the LNB



Other, less common, parts of two-by-two flaw

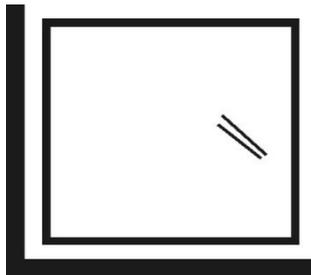
- Horizontal line through top part of bottom left leaf
- Lines in the leaf stem closest to the LNB
- Two short diagonal lines to the right of the upper part of the “3” in the LNB

Courtesy Ralph E. Trimble

Ref: Leopold Beaudet and Richard M. Morris, “Mystery Markings on Admiral Stamps”, *The Admiral's Log*, Vol. XI, No. 1, Jan. 2008

# Vertical band flaws – 3¢ Two-by-two flaw

- Prolific on plates 118-120
  - Two diagonal lines in LNB
    - Top letter in plate map
  - Two dashes in bottom margin below LNB
    - Bottom letter in plate map
- Only in the even columns!

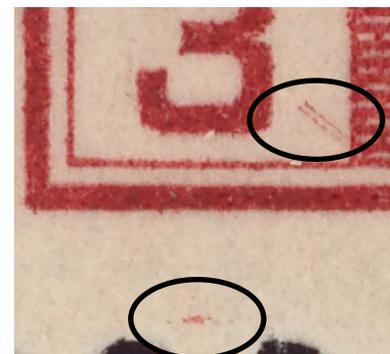
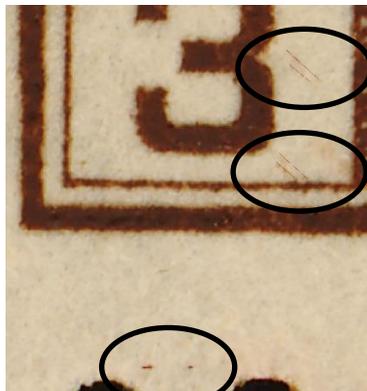
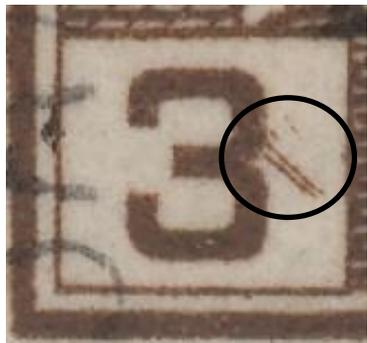


Distribution on plate 120  
 W = Weak  
 M = Medium  
 S = Strong

	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10		
1																						1
2																					W	2
3		W		W		W				W		W		W		W		W		W	-	3
4		W		W		W						W		M		W		W		W		4
5				W		W						W		M				-				5
6		M		W		W						S		M				S				6
7				M		W		W		W		W		-		-					M	7
8		W		W		W				W		M									-	8
9		W		W		W				W						-		M		M	M	9
10										M		S		M							W	10
1				W						M				M		-		M		M	W	1
2										S		M		W							W	2
3				W						M		M						S			-	3
4										M		W		W							S	4
5		W		W						S		W									-	5
6		M		W		-				M						W					M	6
7				W								W		W				-				7
8		W		W		W				S											-	8
9		W								M		-		W							S	9
10										W				W							W	10

# Vertical band flaws – 3¢ brown & carmine

- Two-by-two flaw found on
  - o 3¢ brown, wet printing
    - Plates 12, 18, 22, 32, 35, 36, 41-45, 55, 61, 66, 94, 114-117
  - o 3¢ brown, dry printing
    - Plates 118-120
  - o 3¢ carmine
    - Plates 121, 125



# Fluorescent ink

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# Fluorescent ink – stamps with & without

- Fluorescent red ink appeared in early 1916
  - o Stamps with non-fluor and fluor ink
    - 2¢ carmine
      - Sheets, booklets, sidewise & perf 12 endwise coils
    - 2¢ War Tax
    - 2¢+1¢ carmine War Tax
  - o All 3¢ carmine stamps have fluorescent ink
- 1976: E. R. Crain lists stamps with fluor ink
- 1977: Paul V. Roling analyzes Admiral stamps
  - o By date, type, and plate



Ref: E. R. Crain, "Fluorescent Ink on Canadian Stamps", *Canadian Philatelist*, Vol. 27, No. 1, Jan.-Feb. 1976; Vol. 27, No. 2, Mar.-Apr. 1976

Ref: Paul V. Roling, "The Two Cents Red Admirals under Ultraviolet Light", *Canadian Philatelist*, Vol. 28, No 1, Jan.-Feb. 1977

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# Fluorescent ink – 2¢ carmine, 160 plates

- “Easy” to identify stamps from
  - o Original die
  - o Retouched die, state 1
  - o Retouched die, state 2



“Retouched plate” 87, 88, 90      “Worked-over die” 89, 93, 94      Retouched die, state 2 149-160

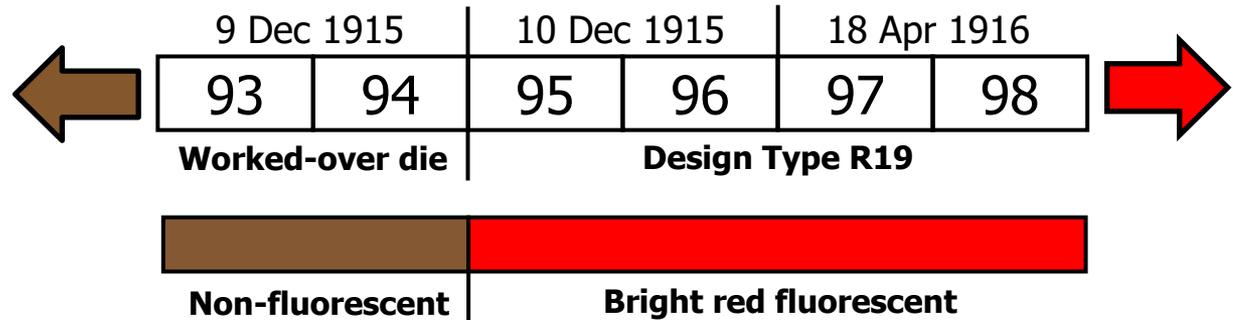
Original die 1-26	Retouched die, state 1 27-86, 91, 92	Retouched die, state 1 95-148	
26 plates	122 plates		12 pl

Wouldn't it be great to have an easy way to sort the retouched die, state 1, stamps into smaller piles?

# Fluorescent ink – sorting the 2¢ carmine



## Plate number and date of approval



- Can sort retouched die, state 1, in two piles
  - Plates 27-86, 91, 92 (R1 to R18)
    - Non-fluor or dull maroon or yellow-brown fluor (any plate)
  - Plates 95-148 (R19 to R34)
    - Bright red fluor
    - 3<sup>rd</sup> pile: plates 95 to about 114 (R19 to R26) fluoresce orange red

# Fluorescent ink – sorting the 2¢ carmine

