

Plating Table 6
Stages II–VI of the Third Series: Revised Table of Plating Characteristics
on Scott Nos. 9–15 and 18–20

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The broken letters and other letter characteristics of Stages II–VI are listed here. All Positions 1–100 are listed, although some positions listed may be of little use (the previous version of this table included only 85 positions). This table uses the same abbreviations as the revised Stage I plating table. A listing "C-ul" means that the C of Canal has the described feature in the upper left portion of the letter. A listing "A1-t-r" means that the first A of Canal has two features, one at the top and one at the right. The abbreviations used are: "t, b, l, and r" for top, bottom, left, and right, respectively; "c" for center; "tl, tr, bl, and br " for top left, top right, bottom left, and bottom right, respectively; "ul, ur, ll, and lr" for upper left, upper right, lower left, and lower right, respectively, often referring to serifs. "A1" and "A2" refer respectively to the first and second A's in Canal. An "f" after a letter means filled-in. Roman numerals indicate the stage in which a characteristic occurs: II, III, IV, V, and VI . A hyphen between stages means "and" if only two stages are involved and "through" or "inclusive" if three or more are involved. A hyphen before an "s" connects the "s" to all stages linked by a hyphen. This table switches the placement of an "f" for filled-in from after the letter in the Stage I table (and in the previous Stages II–VI table) to before the location. For example, from A2f-r to A2-fr, thereby virtually eliminating the need to list the same letter of one position more than once for an additional, different characteristic (for example, from A2-ll and A2f-r, to A2-ll-fr). Also, the "f" is usually described in a note to help avoid uncertainty regarding its appearance. The notes use the abbreviations "of" and "f", for "obviously filled-in" and "filled-in", respectively. In this note context "of" means there is clearly only a tiny amount of ink where one would otherwise see a break in a letter, indicating it is really all but broken or virtually broken, and that the break is reasonably considered to be present . And "f" in this note context means there is clearly a thin or very thin place where a break is recorded as a significant characteristic of a letter, and that it is reasonably considered to be a filled-in break.

Regarding an A1 or A2 with a top that is flat, rounded, or angled, sometimes one must make a judgment call to decide if the top is abnormal, and if yes, what the abnormality is. To be abnormal, here are the criteria used by this table: to be flat it must be clearly flat with the top virtually parallel with the crossbar; to be rounded it must be obviously much thicker or wider than normal, not just without a sharp peak that many A's lack and that instead have minor rounding; and to be angled it must, be clearly bent or appear bent.

Regarding criteria for a Z-II that is broken, flat, blunt, or rounded there, the abnormality must be obvious; rounded must be obviously very thick, especially compared to Z's on adjacent stamps in multiples, as many Z's otherwise seem to have some rounding instead of a sharp point at the lower left.

Regarding the characteristic filled-in, it could often be a judgment call. Filled-in letters are due to bits of dust, other matter, or excess ink accumulating on the letters. The filling may vary to some degree, gradually accumulating or vanishing. Except in the unusual instances of a dot or blob nearby or touching a place, to qualify for listing this table ideally insists on virtually solid areas for internal filling. For example, in an A1 or A2, "ft" usually means that the area above the crossbar is either solid or has only a small uninked spot or area within it, and "fil" and "flr" usually mean that the filling touches or extends to the inside tip of the serif. For listing filled-in lines this table insists on an obviously much thicker than normal stroke; for example, on an A1 or A2, "fl" and "fr" mean that the left diagonal stroke and right diagonal stroke are very thick, eliminating the need for a judgment call. In Stages V and VI many more "f" often seem to appear, either frequently or occasionally, than are listed in this table; these were judged too numerous, too varied, and too complicated to list and describe, and in any case they would have been of little use. The previous Stages II–VI plating table listed some "f" that seem best not listed, but this table retains their listing, even if they do not strictly match the above stated criteria, unless they are judged to be clearly of minor use.

Because the plating characteristics —especially the breaks and filling— can vary due to various aspects of their printing —such as light or heavy inking, the features may appear, disappear, be larger or smaller than normal, and be irregular. Therefore, to avoid misconception as much as possible, a rigorous standard was used here to qualify as a constant characteristic: if among the source material only one copy did not have the listed feature, that feature is listed as "(s)" or "-s". Because the great majority of characteristics are not constant but only "-s" or "some", this table's notes try to include an adequate indication of the recorded probability of their occurrence, using six frequency categories: constant, 100%; usual/usually, about 80%–99 %; often, about 50%–75% (about one-half to three-quarters); sometimes, about 25%–40% (about one-quarter to one-third); scarce/scarcely, about 15%–20%; and rare/rarely, about 5%–10%. These categories apply to both the features and to any filling of breaks. For example, a break that is "sometimes in II and then often of" means the break occurs on only about 30% of Stage II copies, and on about 50%–75% of those that have it the break is obviously filled-in; in other words a complete-break copy is scarce to rare in II. (Although the revised Stage I table gives precise recorded percentages of occurrence for the probability of occurrence of features, this table's greater complexity with five stages, many filled-in features, and less exhaustive compilation of data, required a less precise system to convey an adequate picture of the recorded probability of occurrence of features.)

Only sheets and large multiples with their stage positively identified were used to compile this table, in order to ensure that all positions were examined and that all data is infallible from that material. However, this ignored smaller multiples and singles that could have been examined in a far greater quantity to yield a higher degree of data probability. But using that other material would have risked some error in stage identification, would have covered some positions in great quantity and some in very small quantity for unequal data compilation, and would have required an enormous amount of additional time to complete. Admittedly, perhaps this study of only five sheets of Stage II, four of Stage IV, five of Stage VI, and several other large blocks of these three stages, may have yielded too small a sample to produce a reliable account of the characteristics of many letters on many positions of those stages. That is why the table's notes often say "seems constant in II" , "seems constant in IV", and similar uncertain statements, because it may well be that most of those characteristics actually should be listed "-s" in that stage, in accordance with the rigorous standard used to qualify as constant in this table.

Curiously, the characteristics of the letters of Stages II and IV are often similar, and those of Stages III and V are often similar. Stage IV seems remarkable in two respects. First, a study of four sheets —two of Scott No. 9 and two of Scott No. 13— seldom showed differences in their broken letters, suggesting stage IV may have been a remarkably uniform printing. Second, despite an inking that seems somewhat heavy, Stage IV frequently shows the broken letter characteristics found in the not-heavy inking that is usual on Stage II, but which often do not show on sheets of Stage III which usually has a solid but not heavy inking. Many other broken letters exist in Stage II than are listed here because they occur on only about 10%–30% of those copies examined and were not found to any meaningful degree on one or more of Stages III–VI. Hence they are pointless to list here because they would be of very little use, even for identifying into Stage II itself due to their infrequent appearance and often the difficulty of proving the copy is from Stage II . Many positions in Stages II–V (and in Stage I) show tiny characteristics of the letters of the C.Z. overprint (and also of any Panama overprint) that help to identify a position as virtually certain but that are useless to list here because they are difficult to describe and are best identified and used by comparing them to copies in sheets. Some Scott numbers show listed letter characteristics— especially breaks— that for an uncertain reason seem to exist on only one number or a group of numbers: for example, some are recorded only on No. 9, others are recorded only on No. 12, and others are frequently recorded only on the group of Nos. 13, 14, and 19. This means that some listings may not apply to all of the denominations printed from the same stage.

Position	Letter or Word	Stage	Note
1	N1-II A2-ul(s)-II L-ur(s)-t E-II	II-V II-VI V(ur)-VI(t) II-IV, V-VI-s	Outside serif short (especially compared to the inside serif) ul is diagonal stroke with break at top; II is outside serif mostly missing, appearing as if angled diagonally upward and often ending in a detached dot; ul is usual in II-IV but is sometimes of or f, in V varies equally between break, of or f, and unbroken, in VI is sometimes of but usually is unbroken; II is constant [SEE ALSO POS. 3.] ur is right serif a bit short with tip angled down; t is ul and ur serifs missing or only traces; ur usual in V, is not in VI; t is not in V, is constant in VI. Serif a bit short and usually pointed; constant in II-IV, usual in V, scarce in VI
2	C-tl A1-I-II-c(s) N1-ul A2-ul L-b O-bl N2-II E-ul	VI II-VI II-VI II-III-s II-III-s II-III, V-s II-V-s II, III-s, IV, V-VI-s	Flat I is diagonal stroke missing from top of serifs to or above crossbar; II is outside serif short and curved downwards or missing; c is crossbar with break at left where it should join diagonal stroke (hence is short at left); all three usually occur together in II, with I extending above crossbar; I and II constant in III-VI, with I usually not extending above crossbar, with both f in VI; c occurs only sometimes in III-V and not in VI [This is the same <u>A2-I-II-s</u> on POS. 31 in Stage I] Serif missing [This is the same <u>N2-ul</u> on POS. 82 in Stage I] Diagonal stroke with break about halfway between crossbar and top, and sometimes also at top; often in II, sometimes in III Horizontal stroke with break where it should join vertical stroke; sometimes in II, scarce in III Defective variously: outside flat, or splotchy, or thin, or nick; usual in II, sometimes in III, scarce in V Bottom of serif missing material; usual in II and IV, sometimes in III, rare in V Serif short; constant in II and IV, usual in III and V, rare in VI
3	A1-II A2-II	II-III-s, IV, V-s II-VI	Inside serif short or thin; seems constant in IV, usual in II, III, and V Outside serif mostly gone or —more usually— appearing angled upward due to material missing at bl, but blobby if heavily inked;

	Z-ul N2-ur	II-VI-s II, III-V-s	usually angled in II-V, although sometimes blobby in V, and usually blobby in VI [SEE ALSO POS.1] Outside joint of serif and horizontal stroke sloped or slightly rounded (instead of right angle); usual in II and IV, often in III and V-VI Inside serif bit short; seems constant in II, usual in III and IV, rare in V
4	A1-II N2-II E-t	II-IV-s II, III-IV-s II-III, IV-VI-s	Outside serif is a ball, sometimes detached; usual in II, scarce in III-IV and then usually of Outside serif bit short (not as long as inside serif) ; seems constant in II, sometimes in III, scarce in IV Horizontal stroke with break where it should join vertical stroke; usual in IV-VI and then rarely of or f
5	C-tr-br A1-ul A2-II	II-V-s II, III-s, V-s II-V-s	tr and br are breaks: tr often in II, scarce in III, often in IV, not in V; br constant in II, sometimes in III and then often of or f, often in IV and then of or f, scarce in V and then f Diagonal stroke with break just above crossbar, or near top, or both (either may be f); seems constant in II, scarce in III, rare in V Inside serif either short or ends in a detached dot; usual in II, often in III and then sometimes of, scarce in IV, often in V and then often f
6	C-br A1-ul-II-c-lr O-ur-bl(s)-b(s) N2-II-ur E-fur	II-s II-V-s II-V-s II-IV-s IV	Break; occurs sometimes ul is diagonal stroke with break just above where it joins crossbar; often in II, usual in III and then rarely f, seems constant in IV, sometimes in V and then often of. ll is outside serif short and ends in a detached dot, and inside serif ends in a detached dot; usual in II-IV, rare in V. c is crossbar with break left of center; usual in II-IV, scarce in V. lr is inside serif is a detached line, and outside serif is short; often in II, sometimes in III, often in IV, not in V ur is large break; constant in II-V although in V rarely of or f. bl is break, usually tiny; often in II-III and then scarcely f, scarce in IV, not in V. b is break in center; often in II and then scarcely f, rare in III, often in IV, not in V [This is the same O-ur-s on POS. 65 of some panes in Stage I] ll is outside serif bit short; usual in II, rare in III, not in IV. ur is inside serif thin; scarce in II, sometimes in III, often in IV Dash above center serif
7	C-tr-fur	II-VI-s	tr is break just left of serifs; seems constant in II where scarcely f, sometimes in III and then of, usual in IV and then sometimes of, sometimes

	N1-II(s)-ur	II-VI	in V and then usually of or f, scarce in VI and then of. fur is left of bottom serif (B. serif thicker than normal) ; often in II-V, usual in VI ll is outside serif bit short; usually occurs. ur is outside serif bit short ; constant
8	A1-II A2-II-c	II-V II-III-s, IV, V-s	Inside serif short or ends in a detached dot; seems constant in II, usual in III, seems constant in IV, often in V ll is inside serif short; often in II, sometimes in III, seems constant in IV, sometimes in V. c is crossbar with break just left of its center and/or where it should join right diagonal stroke; often in II-III, seems constant in IV, sometimes in V
9	C-tl-b N1-II E-t-c	II-VI-s II-VI-s II-VI-s	tl is large break, sometimes with dot in center of break; often in II, sometimes in III, often in IV, sometimes in V-VI and then usually of or f. b is break just left of center; constant in II-IV, sometimes in V, not in VI Outside serif short and sometimes ends angled up; seems constant in II, often in III, seems constant in IV, often in V-VI t is top bar with break in center; constant in II, often in III and then sometimes of or f, constant in IV, often in V and then sometimes f, rare in VI. c is middle bar with break where it should join serifs; sometimes in II, rare in III, often in IV, sometimes in V and then often of, not in VI
10	N1-ur A2-t Z-b N2-ul E-ft-c	II-VI II-VI II-V-s II-III-s, IV II-VI-s	Outside serif short Top is short and flat or sometimes rounded Bottom bar with 1 or 2 breaks, near left and right ends, either or both may occur; usual in II, scarce in III and then often of, seems constant in IV where sometimes of, sometimes in V and then of or f Serif tip points or curved slightly downward; sometimes in II-III, seems constant in IV ft is small blob to top left of top serif of middle bar, varying from a vertical dash to a dot; not in II-V, usual in VI. c is vertical stroke with a diagonal gap mostly above the level of the middle bar; often in II, rare in III, usual in IV and then often of or f, often in V and then usually of or f, not in VI
11	N1-II A2-ul	II-III-s, IV, V-s II-VI-s	Outside serif large or small nick in bottom; often in II, sometimes in III and then sometimes of or f, constant in IV, usual in V [This is the same <u>N2-II-s</u> on POS. 92 in Stage I.] Diagonal stroke break near top; often in II and then scarcely f, scarce in III-IV and then often of or f, sometimes in V and then often of or f, rare in VI and then of

12	L-b O-bl E-t	II-V-s II-s, IV-VI-s II-s, IV-V-s	Horizontal bar break bit right of center; often in II-IV and then sometimes f in II and usually of or f in III, rare in V and then f Small break or thin area almost as if a nick; usual in II and IV, often in V and then sometimes of, sometimes in VI Top bar break or nick outside just left of center; often in II and IV, sometimes in V and then of or f
13	A1-ul-ll N1-l-ll-ur A2-ll-flr	II-s II-VI-s II-VI-s	ul is diagonal stroke break at top and/or at crossbar; often occurs and then sometimes f. ll is diagonal stroke break halfway between crossbar and serifs, and outside serif short; break often occurs and then often f, short serif usually occurs l is diagonal stroke break—often wide—between crossbar and serifs; constant II-IV, usual in V and then scarcely f, scarce in VI and then f. ll is outside serif short; often in II-III, seems constant in IV, often in V, sometimes in VI. ur is outside serif short; seems constant in II, usual in III, seems constant in IV, scarce in V, often in VI ll is inside serif ends in a detached dot or an attached thin line; sometimes in II, rare in III, often in IV, sometimes in V and then scarcely f, scarce in VI. flr is inside serif area; sometimes in II, often in III, seems constant in IV, usual in V, not in VI
14	A1-ul A2-ll Z-ul N2-1r-flr E-ul E-c-fur	II-III-s, IV II-IV II-V, VI-s II-IV, V-VI-s II-s III-VI-s	Diagonal stroke break halfway between crossbar and top; often in II-III, where in III sometimes of or f Outside serif short Serif's outside sloped or thin —missing material especially at ul; constant in II-V, often in VI lr is diagonal stroke short at bottom; usual in II, not in III-VI. flr is inside area where diagonal and vertical strokes join, usually a small blob or sometimes a dot; scarce in II, constant in III-IV, usual in V, often in VI Serif with left one-half detached; occurs often c is middle bar's top serif tilted or curved to right and often thick; constant in III-IV, often in V-VI. fur is inside area where bar and serif join, sometimes extending to top serif of middle bar; rare in III, scarce in IV, usual in V-VI
15	C-tr	II, III-s, IV, V-VI-s	Break about halfway between top and serifs; constant in II, usual in III and then sometimes of, seems constant in IV, usual in V and then rarely of, scarce in VI

	A1-ft A1-ll N1-fur L-ll E-ll	VI II-V IV-V II-V-s II-s, IV-V-s	Dot or blob above or touching crossbar Outside serif short Two small dots in IV, same but sometimes blob or solid in V Serif short; often in II, sometimes in III, usual in IV, often in V Serif bit short; usual in II, not in III, rare in IV, sometimes in V
16	A1-t-c A2-ll N2-l E-c E-ful	II-VI-s IV-V-s II-V-s II-III, IV-VI-s VI	t is top flat or rounded; usual in II and III, often in IV, V, and VI. c is crossbar break just left of its center; sometimes in II and III and then often of, often in IV and then often of or f, often in V and then rarely of Diagonal stroke break about halfway between crossbar and serifs; often in IV, and sometimes of or f, rare in V and then of Vertical stroke break one-third from its top; usual in II and then sometimes of or f, often in III and then often of or f, often in IV and then sometimes f, rare in V and then often of Vertical stroke gap in center, middle bar missing, and center of serifs missing; sometimes defect shows various degrees of filling; constant in II-III, usual in IV, usual in V and then sometimes f, often in VI and then f Large block extending from inside corner down almost to middle bar and over almost to top serif, although rarely that area is solid (or completely f)
17	C-ur N1-flr A2-fr N2-ful E-ll	II-VI-s III-s, IV, V-s III-s, IV, V-s IV-V-s II	Top serif with flat top; usual in II, scarce in III, sometimes in IV, rare in V, often in VI Inside area where diagonal and vertical strokes join, often covering only a small area; often in III, seems constant in IV, rare in V There are three filled-in areas inside: at very top, above where crossbar joins, and where inside serif joins; usual in III, seems constant in IV, sometimes in V and then only to a little degree Inside the area where the left vertical stroke and diagonal stroke join; rare in IV, often in V Serif is a thin line; seems constant
18	C-ul-b A1-c-lr(s)	II-III-s, IV, V-s II-VI	ul is outside thinned ; usual in II, often in III, seems constant in IV, scarce in V. b is break in center; usual in II, not in III, seems constant in IV, not in V [This is the same C-ul-b-s on POS. 12 in Stage I] c is crossbar missing right half; constant in II-VI. lr is inside serif ends in a detached dot; usual in II, sometimes in III, seems constant in IV, rare in V, not in VI

	N1-ur N2-l E-ll	II-VI II-VI-s II, III-VI-s	Outside serif short Vertical stroke remarkably variable with up to four breaks: near top, just above center, in center, and below center, with the latter sometimes a wide break; but sometimes the break(s) are of, and sometimes it is unbroken, this latter seemingly being the overall usual appearance; usual in II, scarce in III, rare in IV-VI [This is the same N2-ul-l(s) on POS. 40 in Stage I] Serif bit short; sometimes heavy inking obscures its shortness so that it then seems barely shorter than the ul serif; seems constant in II, often in III, usual in IV and V, often in VI
19	C-t A1-fll N1-ul(s)-l L-ul O-fl N2-ul E-ul	II-IV-s VI II-V VI VI VI VI	Break in center; sometimes in II, III, and IV, and then in III and IV sometimes of Outside serif thick, looks blobby ul is serif short, angled up and often thin; usual in II, often in III, usual in IV, scarce in V. l is vertical stroke missing except for a bit at both top and bottom; constant in II-V [This is the same N1-l on POS. 48 in Stage I] Short serif Left side thick Serif missing Serif missing
20	C-t-lr(s) A1-l N1-ll A2-lr Z-b O-fr	II-V-s II-III-s II-s II-V-s II-s IV	t is break left of center; constant in II, III, and IV, usual in V and then rarely f. lr is break near tip; sometimes in II, not in III, usual in IV, rare in V and then of Diagonal stroke break where it should join bottom of crossbar; usual in II and then scarcely of, often in III and then sometimes of or f Outside serif bit short; often occurs in II Outside serif short; usual in II, sometimes in III, usual in IV, often in V Bottom bar break left of center; often occurs, and then scarcely f Three black dots outside lower right of center of right edge; seems constant
21	L-ur	II-VI	Right serif short and angled down, sometimes ending in a dot that is usually detached in II-V and sometimes attached in V and VI [This is <u>likely</u> the same L-ur-s on POS. 37 in Stage I]
22	C-ur N1-fur	III-s II-III-s, IV	Bottom serif ends in a detached dot ; often occurs, and sometimes f [This is the same C-ur on POS. 32 in Stage I] Inside area where vertical stroke and inside serif meet; sometimes in II, usual in III, seems constant in IV

	L-b Z-ul	II-s II-V-s	Horizontal bar break where it should join vertical stroke; often occurs, and then scarcely f Serif ends in a detached or sometimes attached dot; usual in II, sometimes in III, often in IV, scarce in V
23	C-tl-tr-lr A1-ul N1-ur	II-s II, III-V-s II-VI	tl is break at far top left; tr is break just left of serifs; lr is break near tip; any one, two, or all three may occur; often in II Diagonal stroke break halfway between crossbar and top, sometimes together with a break at top; seems constant in II, scarce in III, usual in IV, often in V and then often of or f Outside serif short
24	C-tl Z-t-b	II, III-VI-s II-s	Break; constant in II, often in III and then sometimes of or f, often in IV, often in V and then often of or f, sometimes in VI and then of or f t is top bar curved slightly upward; b is bottom bar thinned in center causing the left one-third or entire bar to appear curved downward; either or both often occurs
25	A1-ul -ll A1-fr N1-fur A2-fb Z-t	II, III-V-s III-V, VI-s II-s, III-V VI II-V-s	ul is diagonal stroke from crossbar to top missing its top half or more; seems constant in II, scarce in III, seems constant in IV, often in V. ll is diagonal stroke break where it should join bottom of crossbar, and outside and inside serifs short and sometimes end in a detached dot; seems constant in II, scarce in III and then sometimes of or f, usual in IV and then scarcely f, often in V and then often of or f Large area from crossbar to top, sometimes together with some extending to inside serif, although in VI it varies from medium to light and is mostly in the lr corner of the A's inside triangle above the crossbar; only sometimes in VI Below inside serif, varies from a ball, to a blob, to a very thick area; sometimes in II, not in VI Blob in center below crossbar Top bar break in center; usual in II, often in III and then sometimes of or f, usual in IV, scarce in V and then often of or f
26	CANAL A2-c Z-b E-ul	IV-VI II-III-s II-V-s II-VI-s	Antique Crossbar break bit left of center; usual in II and then sometimes f, scarce in III Bottom bar break where it should join diagonal stroke; often in II and III, usual in IV, scarce in V and then often of Vertical stroke nick in left side just below serif; often in II and III, rare in IV, sometimes in V and VI

27	Z-b E-t	II, III-IV-s II-s, III, IV-s, V, VI-s	Bottom bar two breaks, one at left and one in center; either one or both may occur, and then sometimes f ; seems constant in II, rare in III and IV Top bar: in II break bit right of center; in III-VI curved downward or wavy, often causing top of serif to protrude above bar; sometimes in II, constant in III, usual in IV, constant in V, often in VI
28	C-tr A2-ul-II N2-ur	II, III-s, IV, V-VI-s II, III-VI-s II-VI	Two breaks, one halfway between top and serifs, an one —sometimes wide— just before serif; either or both may occur; seems constant in II, usual in III, seems constant in IV, often in V and then scarcely of or f, often in VI and then sometimes of ul is diagonal stroke break —sometimes wide— just above crossbar, and sometimes a second break near top; seems constant in II, rare in III, sometimes in IV, often in V, not in VI . ll is inside serif short and ends in a dot that is usually detached but sometimes attached, and sometimes outside serif is also short; constant in II-V, often in VI [This is the same A2-ul-II-s on POS. 80 in Stage I] Outside serif bit short
29	C-fl-b A1-II N1-ul A2-ul(s)-ll-lr(s) Z-t-ul E-t	II-IV-s, VI VI VI II-VI-s VI II-VI	fl is left curve thick inside; only in VI where it is constant. b is break in center; often in II and then rarely f, rare in III, scarce in IV and then of, not in VI Outside serif short and curved downward Serif missing ul is diagonal stroke one or two breaks between crossbar and top, one at top and one just below center; usual in II, scarce in III and then often of, usual in IV, rare in V, not in VI. ll is diagonal stroke missing between serif and crossbar; constant in II-VI. lr is diagonal stroke break bit below crossbar and is sometimes f, and outside serif thin and angled upward; either or both may occur but the break is more likely except in III; usual in II, sometimes in III, seems constant in IV, often in V and then sometimes of or f, not in VI t is bar short. ul is serif angled paralleling diagonal stroke Bar large break, almost missing from vertical stroke to ur serif [This is the same E-t as <u>either</u> E-t on POS. 3 in Stage I <u>or</u> E-t on POS. 7 in Stage I: seems impossible to tell which one]
30	C-tl-t-b	II-IV-s	tl is break, usually tiny but sometimes wide extending almost to top center; often in II (not

	L-ll	II-VI	<p>in III-VI). t is break near center, usually tiny but sometimes wide; sometimes in II and III although in III often of or f, usually in IV (not in V-VI).</p> <p>b is break in center, usually tiny but sometimes wide; sometimes in II, rare in III (not in IV-VI) Serif tip angled or hooked upward, or mostly short as a stub with a little spur at its ul; usually angled in II-IV, usually short in V-VI</p>
31	N1-ll A2-ll L-ul N2-lr	II-VI II-VI II, III-VI-s II, III-V-s	<p>Outside serif joins left vertical stroke at 90° angle instead of rising in a curve [This is the same N1-ll on POS. 91 in stage I]</p> <p>Outside serif missing, with bottom of left diagonal stroke vertical as if bent to right, and "foot" sometimes appearing bent down and to the right [This is <u>likely</u> the same A2-ll-s on POS. 92 in Stage I]</p> <p>Left serif <u>obviously</u> a bit short compared to ur serif; seems constant in II, usual in III and IV, often in V, scarce in VI</p> <p>Diagonal stroke bit short at bottom and usually blunt or rounded; seems constant in II, often in III and IV₁ sometimes in V</p>
32	N1-ur Z-ur Z N2-ul E-b	II-III-s, IV, V-VI-s II-IV V-VI II-VI II-III-s, V-s	<p>Outside serif bit short; usual in II and III, seems constant in IV, usual, in V, scarce in VI</p> <p>Corner missing [This is the same Z-ur-s on POS. 28 in Stage I]</p> <p>Antique</p> <p>Serif short, only a stub</p> <p>Bar break at or near its left end; usual in II and then sometimes f, rare in III and V</p>
33	C-tl A2-ll-fc O-t-ll N2-ul E-b-lr	II-III-s II-IV-s VI-s VI II-VI	<p>Break; often in II and then sometimes f, scarce in III and then sometimes of</p> <p>ll is diagonal stroke break where it should join bottom of crossbar; often in II, scarce in III and then scarcely of, often in IV and then often f, scarce in V and then often of. fc is large ball or blob above and touching center of crossbar; often in II, rare in III, often in IV</p> <p>t is a virtual break that seems always of or f, hence a very thin area;</p> <p>ll is a wide break; one or the other usually occurs (apparently never together)</p> <p>Deformed: top part of left vertical stroke bent to right, joining diagonal stroke one-third way from top, and serif is blob</p> <p>Bottom bar and lower right serif curve upward and are thin or fragmentary due to missing the bottom half or more of their thickness [This is the same E-b-lr on POS. 98 in Stage I]</p>

34	A1-ft(s)-c(s)-lr Z-II N2-ful E-t-c	II-VI-s VI III-s, IV, V-VI-s II-VI-s	ft is extensive filling above crossbar; usual in IV and V, sometimes in VI. c is crossbar break, often wide in II and usually narrow in III-V; usual in II, often in III and IV, sometimes in V and then sometimes of. lr is outside serif short; constant in II -VI Corner mostly missing Covering small area where left vertical stroke and diagonal stroke join; often in III, seems constant in IV, often in V, sometimes in VI t is break or very thin (of or f) where top bar should join vertical stroke; seems constant in II, often in III and then sometimes of or f, seems constant in IV and then scarcely of, often in V and then often of, sometimes in VI and then of or f. c is middle bar break where it should join serifs; sometimes in II and then bar often missing, not in III, often in IV and then sometimes of, sometimes in V and then scarcely of
35	C-tl A2-ul-II-lr N2-l E-t	II, III-V-s, VI II-VI-s II-IV-s, VI-s II-VI-s	Break bit left of center, narrow in II-IV, wide in V-VI; seems constant in II, often in III and then scarcely of, often in IV and V, constant in VI ul is diagonal stroke break near center of portion between crossbar and top; often in II, not in III, often in IV and then scarcely of, not in V, scarce in VI. ll is diagonal stroke break where it should join serifs; usual in II, sometimes in III and then scarcely of, sometimes in IV and then often f, not in V and VI. lr is outside serif short ending in a detached or attached dot; usual in II, rare in III, often in IV, scarce in V, often in VI Left vertical stroke break near top, or halfway between top and center, or both; often in II, rare in III, sometimes in IV and then sometimes of, not in V, sometimes in VI Bar break where it should join ur serif, or top of serif protrudes above bar due to nick there causing top bar to appear wavy; when occurring, wavy is usual and break is rare; often in II, sometimes in III, often in IV and V, usual in VI
36	A1-II-lr N1-l-fur	II-VI-s II-V-s	ll is outside serif short and missing its bottom half, being a dot or thin line; seems constant in II, usual in III, seems constant in IV, often in V, sometimes in VI. lr is outside serif bit short; sometimes in II, often in III and IV, scarce in V, not in VI l is left vertical stroke break near top and also sometimes in center; often in II, scarce in III, not in IV-V.

	A2-t-ul-ft-fl-fr	II-VI-s	<p>fur is between tip of inside serif and right vertical stroke; not in II, often in III, seems constant in IV, often in V</p> <p>t is top thick and rounded or flat, the latter is mostly in IV; usual in II, constant in III-VI.</p> <p>ul is diagonal stroke break just below center of portion between crossbar and top; often in II, rare in III, not in IV, sometimes in V and then scarcely f, not in VI. ft is triangle above crossbar often solid; not in II, constant in III-V, not in VI.</p> <p>fl usually is from crossbar to tip of left inside serif; not in II, usual in III, seems constant in IV, usual in V, not in VI. fr usually is from crossbar to tip of right inside serif; not in II, constant in III, usual in IV, constant in V, not in VI</p>
	N2-ur-fur	II-V-s	<p>ur is outside serif bit short ; seems constant in II, not in III, usual in IV, not in V. fur is between tip of inside serif and right vertical stroke; not in II , scarce in III, usual in IV, often in V</p>
	E-ll	II-V, VI-s	<p>Serif missing or is a detached dot that is often tiny or faint; constant in II-V and then missing in II and IV, detached dot in III, and equally missing or detached dot in V; usual in VI and then a detached dot</p>
37	A2-ul	II-VI	Diagonal stroke between crossbar and top usually mostly missing but sometimes with a short line remaining at top angled to right [This is the same A2-ul-s on POS. 27 in Stage I]
	Z-t	II-VI	Bar large break, almost missing from diagonal stroke to serif
	E-t	II, III-s, IV, V-s, VI	Top bar break just right of its center; seems constant in II, sometimes in III and then scarcely of, seems constant in IV, often in V, seems constant in VI and then sometimes of
38	E-fur	III-s, IV, V-VI-s	Inside ur serif making it thicker than normal, and in V and sometimes VI the filling extends to the top serif of the middle bar; sometimes in III, seems constant in IV, usual in V and VI
39	C-t-fl	II-III-s, IV, V-VI-s	<p>t is break in center; usual in II and then rarely of, often in III and then sometimes of or f, seems constant in IV and then sometimes of, scarce in V and then of, not in VI.</p> <p>fl is thicker than normal inside or wider, the left curve often seems to lean diagonally up to left; not in II, constant in III, IV, and V, often in VI</p>
	A2-ll-fr	II-III-s, IV, V-s	<p>ll is diagonal stroke break just below crossbar; often in II and then sometimes of, rare in III and then often of, seems constant in IV and then sometimes of, rare in V and then of.</p>

	Z-lr O-b N2-II-ftl	II-s II-s, IV-V-s II-III-s, IV, V-VI-s	fr is a small amount along the right edge of the top triangle and a larger amount inside the lr extending from the crossbar to near the tip of the inside serif; not in II, scarce in III and then only in the lr, seems constant in IV, often in V Serif tip is a detached dot; occurs sometimes Break just right of center; sometimes in II and then often of, usual in IV and then often of, rare in V ll is outside serif bit short; seems constant in II, usual in III, seems constant in IV, usual in V, constant in VI. ftl is left vertical stroke blob or blobby at top, sometimes appearing thick and bent to right at top; thicker in IV than in III and V; not in II, usual in III, seems constant in IV, sometimes in V, not in VI
40	A1-ul-ft-fr A2-ft-c-ll-fr L-ul N2-II E-ftl	II-s, IV-V-s II-VI-s II-VI-s II-III-s, IV, V-s V-s	ul is diagonal stroke break near top; often in II and then scarcely of, scarce in IV and then of, rare in V. ft is top triangle varies from about one-half, especially ll corner and along the right —perhaps usual in IV, to solid— perhaps usual in V; not in II, seems constant in IV, sometimes in V. fr is diagonal stroke thick; not in II, scarce in IV, often in V ft is top triangle varies from a little thickening on all edges —perhaps usual in III, to solid— perhaps usual in IV and V; not in II, often in III, seems constant in IV, often in V. c is crossbar break at left end; often in II and then scarcely of, scarce in VI. ll is outside serif missing, with "foot," bulbous at bottom or wedge-shaped; constant in II-VI [SEE ALSO POS. 93 A2-II on POS. 93 in Stages II-VI]. fr is diagonal stroke thick, especially below crossbar; not in II, often in III, seems constant in IV, often in V [This is the same A2-II-c(s) on POS. 96 in Stage I] Left serif bit short; usual in II, sometimes in III, usual in IV and V, sometimes in VI Outside serif short; usual in II, often in III, seems constant in IV, often in V Between top bar, vertical stroke, middle bar, and top serif of middle bar; scarce in V
41	C-t N1-l O-b	II-V-s II-s II-s	Break just left of center; usual in II, sometimes in III and then sometimes of or f, often in IV and then often of or f, scarce in V and then of Left vertical stroke break bit below its center; often in II and then scarcely of or f Break just left of center; often in II and then sometimes of or f

42	C-b A1-flr N1-ful-fc-fur L-lr L Z O-ul-t E-ul	II-III-s, V-s VI II-s, VI II-IV V-VI VI II-III-s, VI-s II, III-s, IV-V, VI-s	Break in center; often in II and then sometimes of or f, rare in III and V and then of or f Serifs are one blob that protrudes below letter ful is where left vertical. stroke joins diagonal stroke; not in II, constant in VI. fc is large blob on diagonal stroke near its top; not in II, constant in VI. fur is below inside serif at ur; sometimes in II, constant in VI Serif missing, looking somewhat, like an "I" [This is the same L-lr on POS. 4 in Stage I] Antique; in VI also broken as its ul serif is missing Antique ul is outside about half of thickness appears sliced off; not in II and III, constant in VI. t is break in center; sometimes in II and then often of or f, rare in III and then often f, not in VI Serif varies from missing, to a raised detached dot, to thin and angled upward; constant in II and then nearly always as missing, usually in III and then usually as a raised detached dot, seems constant in IV and then about equally as either missing or a raised detached dot, constant in V and then about equally in the three forms, usual in VI and then as angled upward
43	C-ul L-ur N2-l E-ur	II, III-V-s II-s II-s, IV-V-s II-III-s, IV, V-VI-s	Outside varies from either an indentation due to material missing or a nick which is sometimes a break in II; seems constant in II, often in III, usual in IV, sometimes in V Right serif bit short; often occurs Left vertical stroke break at top; sometimes in II and then sometimes of or f, sometimes in IV and then of, rare in V and then of Upper right serif's top right corner sloped instead of 90° angle; usual in II and III, seems constant in IV, sometimes in V and VI
44	A2-fll L-ll N2-ul-fr	VI VI II-III-s, V-s, VI	Left diagonal stroke thick from crossbar to serifs Large break: serif and corner missing, vertical and horizontal bars do not join ul is top of serif sloped or curved downward often in II, III, and V, not in VI. fr is ball on or to right of middle of diagonal stroke; not in II, III, and V, constant in VI.
45	A1-ll A2-ul-fc-fll-flr	II, III-V-s II-VI-s	Outside serif ends in thin line with dot on its end or detached; seems constant in II, often in III, usual in IV, sometimes in V. ul is diagonal stroke break above crossbar, usually near crossbar, but sometimes wide missing the bottom one-third or even all of it above crossbar; seems constant in II, usual in III,

	Z E-ul-b	VI II-VI-s	seems constant in IV, usual in V, constant in VI. fc is crossbar thick; not in II, seems constant in III and IV, usual in V and then sometimes triangle solid, not in VI. fl varies from blob extending from diagonal stroke to tip of left inside serif, to solid from crossbar to tip of left inside serif; not in II, often in III, usual in IV, sometimes in V, rare in VI. flr is often from crossbar to tip of right inside serif; often in II, constant in III, seems constant in IV, often in V, sometimes in VI Antique ul is serif, or just its tip, or only a stub, angled downward; constant in II-VI. b is bottom bar break near left end; often does not appear, then presumably being f; sometimes in II, not in III-VI [This is the same E-ul-b(s) on POS. 49 in Stage I]
46	N1-l-ll-ur A2-ft-r-flr	II, III-V-s, VI II-VI-s	l is vertical stroke break, usually one, about one-third way below top, but sometimes also a second one about one-third above bottom; seems constant in II-VI although scarcely f in VI. ll is outside serif bit short; seems constant in II, not in III, sometimes in IV, rare in V, seems constant in VI. ur is outside serif short; constant in II-VI [This is the same N1-l-ur on POS. 72 in Stage I] ft is triangle solid or mostly so; not in II-IV, sometimes in V, usual in VI. r is right diagonal stroke with gap diagonally up or splotchy in area where it joins crossbar; often in II and then sometimes f, rare in III and then of, sometimes in IV, not in V or VI. flr is diagonal stroke portion below crossbar thick or ink extending from crossbar to tip of right inside serif; not in II, usual in III, seems constant in IV, often in V, usual in VI
47	A1-ul-ft-fll	II-VI-s	ul is diagonal stroke portion between crossbar and top break in center; sometimes in II, rare in III, sometimes in IV, not in V or VI. ft is triangle varies from one-half filled to solid; not in II, scarce in III, sometimes in IV, usual in V, scarce in VI. fl is diagonal stroke below crossbar thick or ink extending from crossbar to tip of left inside serif; not in II-IV, sometimes in V, scarce in VI
48	N1-r L-ur	II, III-VI-s V-s, VI	Vertical stroke break in center; seems constant in II, often in III and then scarcely of or f, often in IV and then often of or f, often in V and then rarely of, often in VI and then of or f Right serif missing, sometimes in V, constant in VI

	ZONE O-bl-br E-l	III-VI II-s II-s	Antique Breaks; bl sometimes large and sometimes of, sometimes occurs; br often occurs; either or both may occur Vertical stroke splotchy; often occurs and then sometimes f
49	A1-l r N1-ur N2-ur	II, III-VI-s II, III-s, IV, V-VI-s II-s	Outside serif short or a bit short; seems constant in II, usual in III and IV, often in V, usual in VI Outside serif short or pointed; seems constant in II and then short, usual in III and then usually pointed, seems constant in IV and then short, usual in V and then about equally short or pointed, often in VI and then pointed Outside serif bit short; usually occurs
50	C-ll A1-t-ul N1-ur A2-ft O-lr	II-IV-s, VI-s II-V-s II-V-s IV, V-s III-VI-s	Break; often in II and then sometimes f, rare in III and then often f, often in IV and then of or f, rare in VI and then f t is flat top; sometimes in II, scarce in III, often in IV, scarce in V. ul is diagonal stroke break just above crossbar; often in II and then scarcely f, sometimes in IV and then often of, not in III and V Inside serif bit short; sometimes in II, scarce in III and IV, often in V Triangle varies from about one-quarter, to one-half, to virtually solid, to solid; seems constant in IV, sometimes in V Break; sometimes in III, seems constant in IV and then usually of or f, often in V and then sometimes of or f, scarce in VI and then of
51	N1-ful A2-ul L-b Z-ll	II, III-IV-s II, III-s, IV, V-s IV-s II-VI	Inside where left vertical stroke and diagonal stroke join, often only a. tiny dot; constant in II, usual in III and IV and then often tiny Diagonal stroke portion between crossbar and top break, usually one in middle but sometimes also one at top; usually in II and then rarely of, usually in III and then usually of or f, seems constant in IV and then of or f, often in V and then usually of or f Bar break near right serif; usually occurs and then often of or very thin Outside joint of diagonal stroke and bottom bar rounded or blunt instead of pointed
52	A1-fb A2-lr Z-t N2-ur	II-VI II-V-s II-VI II-V-s	Area below crossbar solid, or with dots and/or blobs below bar, or in lr corner Outside serif bit short or ends in a detached dot; usual in II, rare in III, sometimes in IV, scarce in V Bar break near diagonal stroke; in V sometimes of Outside serif short or a bit short; often in II,

	E-t	II-V-s	sometimes in III, scarce in IV and V Bar break in center; usual in II, often in III and then sometimes of or f, usual in IV and then often f, sometimes in V and then often f
53	C-tl-tr	II-VI-s	tl is break just left of center; sometimes in II and then sometimes f, rare in III and then often f, sometimes in V and then f. tr is break near or at serif; usual in II and then sometimes of, often in III and then scarcely of, seems constant in IV and then sometimes of, often in V and then often of, scarce in VI and then f
	A1-ul	II-III-s	Diagonal stroke break just above crossbar; often in II, sometimes in III and then scarcely of
	A2-ll	II-VI	Diagonal stroke portion between crossbar and serifs break in center, usually of medium size but sometimes very wide
	O-lr	II-III-s	Outside flat or slight indentation; sometimes in II and III
	N2-ll	II-VI	Outside serif short (compared to ll inside serif)
54	L-ur	II-VI	Right serif short
	O-b	II-V-s	Break in center; usual in II, sometimes in III and then usually of or f, usual in IV and then of or f, rare in V and then f
	E-t-ll	II-VI-s	t is bar break in center or at left, or bar is wavy; break in center seems only in II, break at left occurs in II, III, and V; sometimes in II as break, not wavy, and then often at left where of or f or in center; sometimes in III and then when break often of or f, sometimes in IV and then wavy, scarce in V and then when break of or f, scarce in VI and then wavy. ll is serif is ball, or tip angled up, or a detached ball, or a detached thin line angled up; often in II, not in III-VI [This E in stage II when unbroken at top <u>sometimes</u> looks like the E on POS. 59 in Stages II-VI when their ll serifs have the same variable appearance]
55	C-tl-ur	II-VI-s	tl is break left of center; often in II, rare in III and then often f, seems constant in IV and then often f, often in V and then of or f, rare in VI and then f. ur is bottom serif short; often in II, not in III-VI
	A1-ll	II-VI	Outside serif only a stub with blob below, and inside serif sometimes ends in a detached dot or blob
	A2-ul	II-III-s, IV, V-VI-s	Diagonal stroke break halfway between crossbar and top; often in II and then usually of or f, sometimes in III and then often of or f, seems constant in IV and then often of, sometimes in V, sometimes in VI and then often f

	L-ul Z-b N2-ur E-t	II-s, III-VI II-III-s, IV, VI-s II-VI II-VI	Upper left serif short (compared to upper right serif), blunt, often angled-upward, often wedge-shaped; usual in II, constant in III, V, and VI, seems constant in IV Bar break at left or right or both; usual in II and then about equally frequent, sometimes in III and then at left, seems constant in IV and then at right and of, not in V, rare in VI Outside serif bit short Bar break at or near left end
56	A1-c N1-ur L-l N2-ur E-t-ft	II, III-s, V-s II-V, VI-s II-V, VI-s II-VI II-III-s, IV-VI	Crossbar break at left, sometimes wide; seems constant in II and then usually wide, scarce in III, seems not in IV, often in V and then often of Outside serif short and thin; often in VI Serif bit short; usual in VI Inside serif indentation in top appearing curved top, and outside serif bit short [This is the same N2-ur on POS. 95 in Stage I] t is bar break in line with middle serif; constant in II-VI and then in III, scarcely of. ft is blob or dot just ll of break in top bar and to ul of top of middle serif; sometimes in II, usual in III, constant in IV-VI
57	C-t A1-lr E-t	II-V-s II-V-s II-III-s	Break just right of center; usual in II, sometimes in III and then often of or f, sometimes in IV, rare in V and then f Inside serif ends in faint dot, detached in II and often attached in III-V; often in II, scarce in III, often in IV, sometimes in V Bar break in center; sometimes in II and III, and then in III often of
58	L-fbl Z-b N2-ur E-t	II-V-s II-V-s II-V, VI-s II-V-s	Slight blob along right side of vertical stroke near its bottom; sometimes in II, usual in III and IV, rare in V Bar break where it should join diagonal stroke; sometimes in II, often in III and then scarcely of or f, usual in IV and then rarely of, rare in V and then of Outside serif bit short; often in VI Bar break where it should join vertical stroke; often in II and then scarcely f, scarce in III, sometimes in IV and then sometimes of, scarce in V and then often f
59	C-tr N1-ul	II-s II, III-s, IV, V-VI-s	Break halfway between center and serifs; occurs sometimes Serif bit short and sometimes pointed when filled-in between tip and vertical stroke; seems constant in II and IV, often in III, sometimes in V and VI

	L-ul Z-ul N2-1 E-II	II, III-VI-s II-VI-s II-s II-V, VI-s	Left serif angles downward slightly; constant in II, usual in III and IV, often in V and VI [This is the same L-ul-ur(s) on POS. 40 in Stage I] Top serif ends in a detached dot that is often tiny or faint; sometimes in II with the other copies in II having the serif end short and blunt, usual in III, usual in IV and then sometimes f, sometimes in V and then of or f, sometimes in VI Vertical stroke 1, 2, or 3 breaks; often occurs Serif variable, from normal, to thin and curved or angled slightly upward, to short and pointed, to being a detached line or dot, to missing; usual in VI [SEE ALSO the E on POS. 54 in Stages II-VI, as sometimes has similar appearance] [This is <u>likely</u> the same E-ul (s)-II-b on POS. 38 in Stage I]
60	C-ft A2-c	II-IV, V-s II-s	Vertical blob or line extending from center of top down well, below it; sometimes in V Crossbar break at right end; occurs often and then sometimes f
61	C-ul A1-lr	II-s II-III-s, IV, V-VI-s	Thin or dent outside, or break, at start of thick portion; occurs scarcely Inside serif short or thin or both; usual in II and III, seems constant in IV, often in V, sometimes in VI
62	C-tr A1-c O-t	II-V-s IV, V-s II-III-s, IV, V-s	Break near serif, sometimes in II and then often f, usual in III and then sometimes of or f, often in IV, sometimes in V and then often f Crossbar left half missing or break; often in V Break in center and sometimes also another break bit right of center; usual in II and III and then sometime of, seems constant in IV and then sometimes f, sometimes in V and then of or f
63	A2-II L-ul-b N2-ur E-t	II-VI II-VI-s II-VI II-VI	Inside serif short ul is left serif bit short (<u>significantly</u> shorter than right serif); usual in II-III, often in IV-VI. b is bar break at left where it should join vertical stroke; usual in II, often in III and then sometimes of or f, often in IV and then sometimes f, sometimes in V and then usually of or f, often in VI and then f Outside serif short Bar break where it should join vertical stroke
64	A1-ur O-II	II-V-s II-III-s, IV, V-VI-s	Right diagonal stroke portion between top and crossbar with diagonal gap angled SW-NE just above its center; sometimes in II then often of, sometimes in III and IV, rare in V [This is the same A1-ur-c-II-s on POS. 50 in Stage I] Nick or dent outside near start of thick portion; usual in II and then usually a nick or break, usual in III and then about equally nick or dent,

	N2-II	II-III-s, V-s	seems constant in IV and then nick, often in V and then equally nick or dent, often in VI and then a slight dent Inside serif short; often in II, scarce in III, rare in V
65	C-t N1-ur N1 L-ur Z-II N2-II E-II	II-s, III-VI II-IV V-VI II-III-s, IV, V-VI-s II-III-s, IV, V-VI-s II-III-s II-VI-s	Wide break, usually 0.5 mm but sometimes 0.6 mm; sometimes in II [SEE ALSO POS. 76] Inside serif missing and outside serif diagonal upward 45° [This is the same N1-ur-r-s on POS. 23 in Stage I] Antique; sometimes is fur in VI Right serif short; usually in II, often in III, seems constant in IV, often in V, usual in VI Outside joint of diagonal stroke and bottom bar rounded or diagonally blunt; usual in II and III, seems constant in IV, often in V and VI Outside serif bit short; often in II, scarce in III Serif tip angled upward or pointed; often slight in IV-VI; usual in II, often in III, usual in IV, often in V and VI
66	A1-II N1-l A2-fur E-t	II-s II-IV, V-VI-s II-V-s II, III-s, IV, V-VI-s	Inside serif short; usually occurs Vertical stroke small break below center; seems constant in II, seems constant in III and IV and then sometimes of, usual in V and then often of or f, often in VI and then often f Inside l _r one-third of triangle above crossbar; often in II and III, scarce in IV, rare in V Bar break right of center; seems constant in II, often in III and then often of or f, seems constant in IV and then often of or f, sometimes in V and then often f, sometimes in VI and then often of
67	A1-II A2-t-ul Z-b E-ul	II-VI II-VI II-s II-VI	Outside serif and bottom portions missing t is peak short, thick, and angled 45° NW-SE slope, or flat, or rounded. ul is left diagonal stroke above crossbar wide break above its center Bar break near left end; occurs often Serif is a detached dot [This is the same E-ul on POS. 6 in Stage I]
68	N1-ur L-ur N2-tc-r	II-V-s II-s II-VI-s	Outside serif tip curved downwards; usual II and III, often in IV, usual in V Right serif angled downwards and bit short; usually occurs tc is diagonal stroke uninked spot or area near top; sometimes in II, often in III, IV and V, rare in VI. r is right vertical stroke with one break below its center and/or one break where it should join diagonal stroke; both breaks usually occur, although one is sometimes of or f; seems constant in II-VI

	E-ul-b-Faint	IV-VI-s	ul is serif very short or missing; constant in IV-V, often in VI. b is bottom bar missing from vertical stroke to serif; constant in IV-VI. Faint is entire letter fragmentary or faint; constant in IV, not in V-VI
69	C-ur-br N1-ur L-ll	II, III-VI-s II-IV, V-s, VI II-III-s, V-VI-s	ur is bottom serif short; constant in II-VI. br is wide break; seems constant in II, often in III and then often f, usual in IV and then usually of or f, often in V and then often of or f, often in VI and then of or f [This is the same C-ur-br on POS. 36 in Stage I] Inside serif short with tip curved downwards slightly; in V usually occurs Serif tip angled upwards slightly; usual in II, often in III, sometimes in V, often in VI
70	A1-ur N1-lr Z-t N2-ur E-fb E-ftl-fbl	II-III -s II-IV-s II-VI-s II-IV-s, V-VI II-s III-IV, V-s	Right diagonal stroke with nick outside halfway between top and crossbar; often in II, scarce in III Diagonal stroke <u>obviously</u> bit short at bottom ; seems constant in II, sometimes in III, usual in IV Bar break in center; often in II, often in III and then sometimes of, often in IV and then often f, often in V, usual in VI then scarcely of Outside serif bit short, or rarely ends in a detached blob; seems constant in II, often in III, usual in IV, constant in V-VI Short vertical line bit right of vertical stroke extending up from bottom bar; occurs often Blobby inside corners where vertical stroke meets top and bottom bars; often in V
71	C-bl A1-ul N1-l	II-IV , V-VI-s II-VI-s II	Wide break from thick portion to bottom center; seems constant in II, constant in III and then scarcely of, seems constant in IV, usual in V and then often of or f, often in VI and then usually of or f Diagonal stroke portion between crossbar and top break in center; usual in II and then scarcely f, often in III and then often of or f, usual in IV and then f, often in V, often in VI and then often f Left vertical stroke break about one-third from bottom; constant and then scarcely f
72	C-lr O-b E-t	II-III-s, IV, V-VI-s II-IV-s II-III-s, IV, V-s	Break near tip; usual in II, often in III, seems constant in IV, often in V and then of or f, usual in VI and then usually of or f Wide break from left of center to thick portion at lr; sometimes in II, rare in III and then of, often in IV Bar break near left end; usual in II and then sometimes f, sometimes in III, seems constant in IV and then usually of, often in V and then usually of or f

73	N1-ul E-ul-t	II-V-s II-VI-s	Serif's top portion sloped (angled) down; usual in II, often in III, sometimes in IV and V ul serif short or angled downward; seems constant in II and then scarcely serif missing, usual in III and then usually short, often in IV and V and then angled, scarce in VI and then short. t is bar break at left and/or near center or slightly wavy; usual in II and then rarely missing along with middle bar; usual in III, seems constant in IV and then sometimes of, often in V and then often of or f, sometimes in VI and then often f
74	A1-ul-II N1-fur Z-II N2-ur E-t(s)-II	II, III-VI-s II-VI II, III-s, IV, V-VI-s II-V-s II-IV-s, V-VI	ul is diagonal stroke portion between crossbar and top nearly always two breaks, one at crossbar and one in center, but when only one break it is in center; an exception rare in II is that portion is either missing or only two dots remain; constant in II-VI. ll is diagonal stroke portion between crossbar and serifs sometimes one or two breaks, one above serifs and one near crossbar, rarely together as one wide break, and outside serif bit short; constant in II, sometimes in III and IV, often in V, usual in VI Ball near center of "V" formed by diagonal stroke, right vertical stroke, and inside serif Outside joint of diagonal stroke and bottom bar blunt or rounded; seems constant in II, often in III, seems constant in IV, sometimes in V, often in VI Outside serif short with tip usually angled downward slightly; usual in II, often in III, sometimes in IV, scarce in V t is top bar break where it should join vertical stroke; often in II and then sometimes f, sometimes in III and then often of or f, often in IV and then of or f, not in V and VI. ll is serif short or only a stub; constant in II-VI
75	A1-ul(s)-II-c(s) N1-ur	II-VI-s II, III-VI-s	ul is diagonal stroke portion between crossbar and top break near top and/or in center; seems constant in II and then sometimes of or f, rare in III, usual in IV, sometimes in V and then often of, rare in VI and then of. ll is diagonal stroke portion between serifs and crossbar wide break from near serifs to near crossbar, and both outside and inside serifs short; constant in II-VI. c is crossbar break in center; sometimes in II, rare in III, often in IV, sometimes in V, rare in VI and then of Outside serif bit short; seems constant in II, sometimes in III, scarce in IV, sometimes in V and VI

	L-II-b N2-l E-t	II-VI-s II-III-s, V-s II, III-V-s, VI	<p>ll is serif is either a detached oval or line, or is an attached oval; usual in II and then detached, often in III and then usually detached, often in IV and then attached, scarce in V and then detached, sometimes in VI and then detached or attached. b is bar break or thin near right end; usual in II and then often break, often in III and then usually thin, often in IV and then thin, sometimes in V and then often thin, often in VI and then about equally break or thin</p> <p>Vertical stroke break at top; usual in II, scarce in III, sometimes in V and then usually of or f</p> <p>Bar break at right, sometimes wide; seems constant in II, often in III and then sometimes of or f, usual in IV, sometimes V and then often f, seems constant in VI and then sometimes of or f</p>
76	C-t A1-lr(s)-flr A2-fr E-t-b	II-s, III-VI II-s, III-V III-s, IV, V-s II, III-VI-s	<p>Wide break, usually 0.7 mm but sometimes only 0.3 mm; often in II and then sometimes of [SEE ALSO POS. 65] [This is the same C as <u>either</u> C-t on POS. 1 in Stage I or C-tl-t-s on POS. 4 in Stage I: seems impossible to tell which one]</p> <p>lr is outside serif angled upward slightly; often in II, not in III-V. flr is right diagonal stroke blobby inside its bottom one-half; not in II, constant in III-V</p> <p>Right diagonal stroke blobby inside, sometimes slight; sometimes in III, seems constant in IV, often in V</p> <p>t is bar break near left end; seems constant in II, often in III and then rarely of, seems constant in IV and then scarcely of, sometimes in V and then sometimes of, often in VI and then sometimes f.</p> <p>b is bar break bit left of center; seems constant in II, usual in III and IV and then rarely of, often in V and then often of or f, often in VI and then sometimes of or f</p>
77	C-ft A1-fr A2-ul-c	II-IV-s III-s, IV, V-s II-V-s	<p>Tiny blob on bottom of top curve; rare in II, often in III and IV</p> <p>Right diagonal stroke inside very slight extra ink, sometimes only at the crossbar; sometimes in III, seems constant in IV, usual in V</p> <p>ul is diagonal stroke portion between crossbar and top break bit above center; usual in II and then sometimes f, sometimes in III and then sometimes f, often in IV, sometimes in V and then usually of or f. c is crossbar break in center; often in II and then scarcely f, sometimes in III and then often of, often in IV, often in V and then sometimes of or f</p>

	L-b N2-II-fll-fc	II-s II-s, IV-s	Bar break at right end; often occurs ll is outside serif bit short; usual in II, not in III–VI. fll is very short vertical line close to vertical stroke extending upward from left inside serif; seems constant in IV, not in II–III or V–VI. fc is diagonal stroke bulge on center and lr of upper side; seems constant in IV, not in II–III or V–VI
	E-ll	II, III-s, V-s	Serif tip bit short or angled upward; seems constant in II, often in III and then often angled, rare in V and then short
78	Z-t	II–V-s	Bar break near right end; often in II and then scarcely f, sometimes in III and then sometimes of, often in IV and then usually of, rare in V and then of
	N2-ur	II-s, III–V, VI-s	Outside serif bit short; usual in II, constant in III–V, rare in VI
	E-ul	II–VI	Serif missing
79	C-tl A1-ll-ur	II–VI II-s, IV–VI-s	Small break; sometimes of or f in III, V and VI ll is left diagonal stroke portion between serifs and crossbar break where it should join crossbar; not in II–V, constant in VI and then scarcely of. ur is right diagonal stroke with diagonal gap bit above where it joins crossbar; sometimes in II and then sometimes f, not in III, often in IV, often in V and then sometimes f, not in VI
	N1-l-r	II–V-s	l is vertical stroke break just below center; usual in II, sometimes in III and then often f, sometimes in IV and then f, usual in V und then often of or f. r is vertical stroke break bit below center; usual in II, not in III, often in IV and then often of, scarce in V
	A2-t-lr	II–III-s, IV–VI	t is top thick and rounded; usual in II and III, constant in IV–VI. lr is outside serif short; constant in II–VI
	N2-ur	II–VI	Outside serif short or bit short
80	A1-t	II–V-s	Peak detached from rest; usual i n II and then scarcely of, usual in III and then sometimes of or f, often in IV, scarce in V and then often f [This is the same A1-t on POS. 30 in Stage I]
	N1-l	II-s, IV–V-s	Left vertical stroke break near top; usual in II and then sometimes f, sometimes in IV, often in V and then scarcely f
	A2-ll	II, III–VI-s	Inside serif short or ends in a detached ball or dot; seems constant in II, often in III and IV, rare in V, sometimes in VI
	O-t-bl	II, III–VI-s	t is flat ; constant in II, rare in III, not in IV–VI. bl is flat from center to left of center, or break in center with thin line inside left of center, or dent bottom left; constant in II and then about

	E-t-l	II-V-s	equally flat or break, sometimes in III and then usually dent or break, seems constant in IV and then usually flat, usual in V and then about equally flat or dent, scarce in VI and then flat t is bar break at left where it should join vertical stroke; often in II and then scarcely f, often in III and then often of or f, sometimes in IV and then f, often in V and then often of or f. l is left vertical stroke above center nick at left, or splotchy especially at left, or gap; often in II and then about equally in these forms, not in III-VI
81	N1-ur-fur L-ul Z-t O-t-r E-ur-br	II-VI-s II-s II-III-s, IV, V-VI-s II-III-s, V-s II-s, III-IV, V-VI-s	ur is outside serif bit short; seems constant in II, rare in III and IV, not in V, rare in VI. fur is between inside serif and right vertical stroke; often in II and III, seems not in IV, scarce in V, seems not in VI Left serif is detached; occurs often Bar break near its left end; usual in II, usual in III and then rarely of, seems constant. in IV, often in V and then sometimes of, usual in VI and then scarcely of t is break in center; often in II, scarce in III and then sometimes of, seems not in IV, rare in V and then of. r is upper half of right side thinned or nick; often in II, rare in III, seems not in IV, rare in V ur is serif top or outside right corner rounded or sloped down about 45° instead of 90°; usual in II, constant in III and IV, usual in V, often in VI. br is wide break at its right end extending into serif; constant II-VI [This is the E-br-s on POS. 53 in Stage I]
82	C-tl N1-l E-l	II-III-s II-V-s II-VI-s	Wide break; sometimes in II and then often f, scarce in III and then f Left vertical stroke break in center; often in II, sometimes in III and then often of or f, often in IV and then of or f, scarce in V and then f Serif is short —a tiny line or stub; usual in II, sometimes in III, often in IV, rare in V, sometimes in VI
83	C-tl-t-fur A1-lr	II-III-s, V-VI-s II, III-s	tl is break at start of thick portion; often in II and then sometimes f, often in III and then scarcely of, scarce in V and then of or f, not in VI. t is break bit left of center, close to tl break; seems constant in II and then sometimes f, not in III-VI. fur is between top serif and curve; often in II, sometimes in III, not in V, scarce in VI Inside serif ends in detached dot, or is a short, thin line, or is very short being mostly missing; seems constant in II, often in III

	Z-t E-ul	II-VI-s III-s, IV, V-VI-s	Bar break at right where it should join diagonal stroke; seems rare in II, scarce in III and then often of, sometimes in IV, sometimes in V and then of or f, rare in VI Serif angled downward slightly; often in III, seems constant in IV, usual in V, often in VI
84	A1-ul-fll-c L-lr	II-VI-s II	ul is diagonal stroke portion between crossbar and top missing its top one-half; constant in II-VI. fll is usually a small amount between diagonal stroke and tip of left inside serif; seems not in II, sometimes in III and IV, often in V and VI. c is crossbar with break at left, often wide; constant in II, usual in III and then rarely of or f, sometimes in IV and seems then of, constant in V and VI Serif tip ends in a detached dot that is often tiny and faint; constant in II; in III-VI presumably is the same letter but always completely filled-in [This is the same L-lr-s on POS. 2 in Stage I]
85	C-tr A1-ul A2-ll Z-t E-ul-ll	II-III-s, V-VI-s II-VI-s II-VI-s II-IV-s, VI-s II, III-VI-s	Break just before serifs; often in II, rare in III, rare in V and then f, rare in VI and then of Diagonal stroke portion between crossbar and top with one or two breaks, one just below its center and/or one just above its center; usual in II, rare in III and then of, often in IV and then often f, often in V and then sometimes of or f, usual in VI and then scarcely of Diagonal stroke portion between serifs and crossbar break just, above its center, sometimes so wide its top half is missing; usual in II, rare in III and then often of, seems scarce in IV, rare in V, sometimes in VI Bar break at right; often in II, scarce in III and then sometimes of, often in IV and then of, sometimes in VI ul is serif: in II it is short or missing, usually short; in III-VI it is mostly angled slightly upward with its tip sometimes curved downward, but sometimes is angled slightly downward, and rarely is just short; seems constant in II, often in III, seems constant in IV, often in V, sometimes in VI. ll is serif ends in a dot that is detached or attached and rarely angles upward, usually detached in II and attached in III-VI; seems constant in II, often in III, sometimes in IV and V, scarce in VI
86	A1-ul	II, III-s, IV, V-s	Diagonal stroke break at top; seems constant in II, sometimes in III and then sometimes of or f,

	N1-r-fr	II-VI-s	seems constant in IV and then often f, often in V and then often f r is right vertical stroke curved inward or rarely a break just above where it joins diagonal stroke; seems constant in II, often in III, sometimes in IV, usual in V, sometimes in VI.
	Z-ul-b	II-VI-s	fr is at lr; often in IV, rare in V, not in II, III, or VI ul is serif short and ending in a thin line that itself sometimes ends in a faint dot that is detached or attached; usual in II, seems constant in III and IV, often in V and VI. b is bar break where it should join diagonal stroke; usual in II and then scarcely f, sometimes in III and then sometimes of or f, not in IV-VI
87	C-t-ur	V-s, VI	t is large break; scarce in V. ur is top serif short; scarce in V
	A1-ft	IV-VI-s	ft occurs sometimes in IV and V, scarce in VI (is not in III)
	A2-ll-ft-c-flr-lr	II-VI-s	ll is outside serif short; usual in II, not in III-VI. ft not in II-III, occurs often in IV, usual in V, often in VI. c is crossbar break in center; constant in II and then sometimes of, sometimes in III, not in IV-VI. flr is between diagonal stroke and tip of right inside serif; not in II, rare in III, seems constant in IV, usual in V, scarce in VI. lr is outside serif bit short; constant in II, not in III-VI
	E-t	II-V-s, VI	Bar break near center; usual in II, sometimes in III and then sometimes of, scarce in IV and then of, usual in V and then rarely f, seems constant in VI and then scarcely f
88	N1-ll	II, III-s	Outside serif bit short; scarce in III
	A2-ft	IV-VI-s	Triangle above crossbar varies from solid to about one-third filled, usually solid, sometimes in IV, often in V and VI
	L-ur	II-VI-s	Right serif short and sometimes ends angled downward slightly; usual in II, rare in III, IV, V, and VI
	Z-b	II-VI	Bar's right half and start of serif missing [This is the same Z-b on POS. 66 in Stage I]
	E-ll	II-VI	Serif short, blunt, and ends with a spur pointing vertically up
89	A1-lr	III-V-s	Outside serif angled or curved downward <u>slightly</u> ; often in III, IV, and V
	N1-ftl	III-IV-s	Some excess ink in space just below where left vertical stroke and diagonal stroke meet; often in III and IV
	A2-ll-lr	II-IV, V-s, VI	ll is outside and bottom of serif is thin, missing half or more of its material; often in V. lr is outside serif bit short; constant in V (as well as II-IV and VI)

90	A1-II N2-I	II-III-s, V-VI-s II-VI-s	In II outside and/or inside serif short and either thin or ends in detached dot; in III and V-VI inside serif short and usually thin but in III rarely ends in detached dot; often in II, sometimes in III, rare in V and VI Vertical stroke break near top; often in II, usual in III and then often of or f, often in IV and then often of, often in V and then often of or f, usual in VI and then usually of or f
91	A1-II-fil-ft-c-lr N1-ur E-II-b	II-VI-s II-III-s, V-VI-s II-s, III-IV, V-VI-s	ll is diagonal stroke break just below crossbar and outside serif short; often in II and then break often of or f, sometimes in III and then break often of or f, not in IV, usual in V, seems constant in VI. fil is diagonal stroke and inside serif are very thick; not in II-III, seems constant in IV, scarce in V and VI. ft is triangle above crossbar solid; not in II, sometimes in III and then often only a bit of excess ink, seems constant in IV, not in V-VI. c is crossbar break in center; seems constant in II, often in III, not in IV, usual in V and VI. lr is inside serif short and thin and outside serif missing; constant in II-VI Outside serif bit short; often in II, rare in III, V, and VI ll is serif missing; not in II-III, constant in IV-VI. b is bar break where it should join vertical stroke; usual in II, constant in III and IV and then sometimes of or f, often in V and then usually of or f, sometimes in VI and then of
92	C-ur A1-lr A2-II-lr O-br N2-r	II, III-s, IV-V, VI-s II-VI-s II, III-VI-s II-III-s, V-s II, III-s, IV, V-VI-s	Top serif very short; usual in III and VI Outside serif missing or thin line or short; sometimes in II and then often missing or sometimes thin line, sometimes in III and then thin line, usual in IV and then thin line, scarce in V and then thin line or short, sometimes in VI and then short ll is inside serif short, or ends in a detached dot, or ends thin; seems constant in II and then often short and sometimes ends in detached dot, often in III and then ends in detached dot, sometimes in IV and then ends in detached dot, sometimes in V and then ends in detached dot or is thin, not in VI. lr is outside serif short; constant in II-IV, usual in V, often in VI Shallow indication outside; sometimes in II, usual in III, rare in V Right vertical stroke break near top; seems constant in II, usual in III and then often of or f, seems constant in IV and then often of, usual in

			V and then sometimes f, often in VI and then of or f
93	A1-t-c A2-II Z-t E-t-b-lr	II-IV, V-s, VI II-VI II-VI-s II-VI-s	t is flat top; constant in II-VI. c is crossbar break left of its center; constant in II-IV, usual in V and then often of or f, constant in VI and then scarcely f Outside serif missing or only a stub, with "foot" bulbous at bottom or wedge-shaped [SEE ALSO POS. 40 A2-II on POS. 40 in Stages II-VI] Bar break in its center, rarely wide; sometimes in II, often in III and then often of, often in IV, V, and VI and then of or f t is bar break, usually at right; sometimes in II, usual in III and then often of or f, not in IV, rare in V, not in VI. b is bar break at right just before it joins serif; rare in II, not in III, seems constant in IV, usual in V and then sometimes of, usual in VI and then scarcely of. lr is serif's tip is a thin line or ends in a dot that is usually detached but sometimes attached; often in II and then thin line or detached dot, often in III and then detached or attached dot, often in IV and then detached dot, not in V, rare in VI and then detached dot
94	A1-II-c N1-fc	II-VI-s II-s, III, IV-V-s	ll is diagonal stroke break just below where it joins crossbar; usual in II and then a wide break with top half missing between serifs and crossbar, constant in III-VI. c is crossbar missing, or break at right, or break at left, or breaks at both left and right; sometimes in II and then missing, rare in III and then at right, often in IV and then at right, sometimes in V and then at right, or left, or both, and scarcely of, not in VI Diagonal stroke <u>obviously</u> unusually thick (especially compared to the N2's diagonal stroke); sometimes in II, often in IV and then not entire stroke, scarce in V
95	C-t A1-fbl-fbr A2-t-lr	II-VI-s II-VI-s II-VI-s	Break in center; scarce in II, scarce in III and then often of, often in IV and then of or f, rare in V and then of, usual in VI and then often f fbl is one dot near ul "corner" and often one dot or blob on or above the tip of the left inside serif; usual in II, constant in III and IV, sometimes in V, usual in VI. fbr is one dot above the tip of the right inside serif but often the entire inside area mostly filled by a large blob; constant in II-VI t is top flat or rounded; usual in II, sometimes in III, often in IV and V, not in VI. lr is outside

	E-ur	II-III-s	serif short; often in II, sometimes in III, not in IV, scarce in V and VI Serif small nick or indentation in top at left end or top bar break where joins serif; often in II and then usually nick, scarce in III and then break that is often of
96	C-b A1-II N1-II Z-b N2-fl-fc	II-s II-VI II-s, III-IV, V-s, VI II-s, V-s II-V-s	Break left of center; usually occurs and then scarcely of or f Outside serif short Outside serif bit short; usual in II, sometimes in V Bar break in center or splotchy along bottom part of bar; often in II, rare in V fl is left vertical stroke with ball near or on inside one-quarter from its top; usual in II, constant in III, often in IV, sometimes in V. fc is diagonal stroke small blob on left edge about one-third from bottom; usual in II, often in III, seems constant in IV, sometimes in V
97	C-b-br A1-t E-II	II, III-VI-s II-III-s, IV-VI II, III-s, IV, V-VI-s	b is break in center; constant in II-IV, usual in V and then sometimes of, constant in VI. br is break just right of center; constant in II, usual in III and then scarcely of, usual in IV and then often of, scarce in V and then often of, scarce in VI and then of Flat top; usual in II, rarely rounded in III Serif short and sometimes angled upward; seems constant in II and then often angled, usual in III and then often angled, seems constant in IV and then usually just short, often in V and then often just short, usual in VI and then just short
98	E-fur-b	II-VI-s	fur is at and below where bar and serif join, making serif seem larger than normal; not in II, usual in III, constant in IV-VI. b is bar break left of its center; constant in II, sometimes in III and then scarcely of, not in IV, often in V and then scarcely of, rare in VI and then f
99	N1-ul-II	II, III-VI-s	ul is serif bit short and rounded or in II sometimes pointed; constant in II, often in III, IV, and V, constant in VI. ll is inside serif bit short; constant in II, rare in III, often in IV, sometimes in V, often in VI
100	C-b N1-ful-I	II, III-s, IV, V-VI-s II-III-s, V-s	Break just right of center; seems constant in II, usual in III and then often of or f, seems constant in IV and then of or f, sometimes in V and then usually f, often in VI and then usually of or f ful is between junction of serif and left vertical stroke, causing serif's disappearance, making it seem an extension of the diagonal stroke, thus

			<p>a very thick serif; usual in II and III, seems not in IV, rare in V.</p> <p>I is vertical stroke break in top half, varying from narrow to wide; often in II, rare in III, seems not in IV, sometimes in V and then sometimes of or f</p> <p>Outside serif bit short; often in II, sometimes in III, V, and VI</p>
	A2-II	II-III-s, V-VI-s	
	O-tl	II-III-s, V-VI-s	<p>Break that is usually of or f, or indentation, or flat; sometimes in II, scarce in III, seems not in IV, sometimes in V and VI</p>