

# 335 Mail Preparation

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## 1.0 General Definition of Terms

### 1.1 Definition of Presort Process

Presort is the process by which a mailer prepares mail so that it is sorted to at least the finest extent required by the standards for the rate claimed. Generally, presort is performed sequentially, from the lowest (finest) level to the highest level, to those destinations specified by standard and is completed at each level before the next level is prepared. Not all presort levels are applicable in all situations.

### 1.2 Definition of Mailings

Mailings are defined as:

- a. General. A mailing is a group of pieces within the same class of mail and the same processing category that may be sorted together and/or presented under a single minimum volume mailing requirement under the applicable standards. Generally, types of mail that follow different flows through the postal processing system (e.g., automation and nonautomation) and mail for each separate class and subclass must be prepared as a separate mailing. Other specific standards may define whether separate mailings may be combined, palletized, reported, or deposited together.
- b. The types of First-Class Mail listed below must not be part of the same mailing despite being in the same processing category (see [705.9.0, Preparation for Cotraying and Cosacking Bundles of Automation and Presorted Flats](#), and [705.10.0, Preparation for Merged Containerization of Bundles of Flats Using City State Product](#), for advanced preparation options for flat-size mail):
  1. Automation rate and any other type of mail.
  2. Presorted rate and any other type of mail.
  3. Single-piece rate and any other type of mail.
  4. Machinable and nonmachinable pieces.

### 1.3 Terms for Presort Levels

Terms used for presort levels are defined as follows:

- a. *5-digit*: the delivery address on all pieces includes the same 5-digit ZIP Code.
- b. *3-digit*: the ZIP Code in the delivery address on all pieces begins with the same three digits (see [L002](#), Column A).



- c. *Origin/optional entry 3-digit(s)*: the ZIP Code in the delivery address on all pieces begins with one of the 3-digit prefixes processed at the sectional center facility (SCF) in whose service area the mail is verified/entered. Subject to standard, a separation is required for each such 3-digit area regardless of the volume of mail.
- d. *ADC*: all pieces are addressed for delivery in the service area of the same area distribution center (ADC) (see [L004](#)).
- e. *Mixed ADC*: the pieces are for delivery in the service area of more than one ADC.

### 1.4 Preparation Definitions and Instructions

For purposes of preparing mail:

- a. *Pieces* refers to individually addressed mailpieces. This definition also applies when *pieces* is used in eligibility standards. Quantities indicated for optional or required sortations always refer to pieces unless specifically excepted.
- b. A *full flat tray* is one that is physically full. Although a specific minimum volume is required (at least a single stack of mail lying flat on the bottom of the tray and filling the tray to the bottom of the handholds) before a tray may or must be prepared to the corresponding presort destination, trays must be filled with additional available pieces (up to the reasonable capacity of the tray) when standards require preparation of *full* trays.
- c. A *less-than-full flat tray* is one that contains First-Class Mail for the same destination regardless of quantity or whether a full tray was previously prepared for that destination. Less-than-full flat trays may be prepared only if permitted by the standards for the rate claimed.
- d. An *overflow flat tray* is a less-than-full First-Class Mail tray that contains all pieces remaining after preparation of one or more full trays for the same destination. Overflow flat trays may be prepared only if permitted by the standards for the rate claimed.
- e. A *5-digit scheme sort for AFSM 100-compatible flats* yields 5-digit scheme bundles for those 5-digit ZIP Codes identified in [L007](#). Presorting must be performed using [L007](#). Pieces prepared in scheme bundles must meet the AFSM 100 compatibility criteria in [301.3.3, Criteria for AFSM 100 Flats](#). The 5-digit ZIP Codes in each scheme are treated as a single presort destination subject to a single minimum volume, with no further separation by 5-digit ZIP Code required. Bundles prepared for a 5-digit scheme destination that contain pieces for only one of the schemed 5-digit ZIP Codes are still considered 5-digit scheme sorted and are labeled accordingly. The 5-digit scheme sort is optional. Mailpieces must be labeled using an optional endorsement line (OEL) under [708.7.0](#). Bundles are placed in appropriate containers using the OEL "label to" 5-digit ZIP Code.
- f. An *origin 3-digit (or origin 3-digit scheme)* tray contains all mail (regardless of quantity) for a 3-digit ZIP Code (or 3-digit scheme) area processed by the SCF in whose service area the mail is verified. If more than one 3-digit (or 3-digit scheme) area is served, as indicated in [L005](#), a separate tray must be prepared for each.



- g. The *required at [quantity]* instruction (e.g., “required at 10 pieces”) means that the particular unit *must* be prepared for the corresponding presort level whenever the specified quantity of mail is reached or exceeded. Bundles and containers may contain more than the specified *required at* quantity up to the applicable maximum physical size. Subject to applicable rate eligibility standards, smaller quantities may be prepared only if permitted. Where specified by standard, required preparation applies only if the mailer chooses to qualify for the corresponding rate.
- h. The *optional at [quantity]* instruction means that the particular unit *may* be prepared for the corresponding presort level whenever the specified quantity of mail is reached or exceeded. Bundles or containers may contain more than the specified *optional at* quantity up to the applicable maximum physical size. Smaller quantities may be prepared only if permitted by applicable rate eligibility standards. Standards for quantities with which preparation is optional are often followed by standards for larger quantities with which preparation is required.
- i. *Entry [facility]* (or *origin [facility]*) refers to the USPS mail processing facility (e.g., “entry SCF”) that serves the post office at which the mail is entered by the mailer. If the post office where the mail is entered is not the one serving the mailer’s location the post office of entry determines the *entry facility*. *Entry SCF* includes both single-3-digit and multi-3-digit SCFs.
- j. The *group pieces* instruction means the pieces are to be sorted together as if to be bundled but not actually secured into a bundle. Bundle labels and other bundle identification methods may be used for unsecured groups of pieces as permitted by standard.
- k. A *bundle* is a group of addressed pieces secured together as a unit. The presort process considers the total number of pieces available for the particular presort destination and assembles them into groups meeting applicable volume and size standards. When the standards for the rate claimed require securing the pieces in each group together, the result is a bundle. The term *bundle* does not apply to unsecured groups of pieces (e.g., pieces prepared in trays and identified by separator cards or tic marks). Bundle preparation is described in [2.0, Bundles](#).
- l. A “*logical presort destination*” represents the total number of pieces that are eligible for a specific presort level based on the required sortation, but which might not be contained in a single bundle or in a single container due to applicable preparation requirements or the size of the individual pieces. For example, there may be 42 mailpieces for ZIP Code 43112 forming a First-Class Mail “logical” 5-digit bundle, and they are prepared in three physical 5-digit bundles because of the applicable weight and height restrictions on bundles.
- m. *Cobundling* is an alternate preparation method available under [705.11.0](#) for First-Class Mail that allows the combining of flat-size automation rate and Presorted rate pieces within the same bundle under the single minimum bundle size requirement. Regardless of the class of mail, pieces may not be combined in more than one physical bundle for each logical presort destination unless presented using an approved manifest mailing system under [705.2.0](#).



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## 2.0 Bundles

### 2.1 Definition of a Bundle

A *bundle* is a group of addressed pieces secured together as a unit. The presort process considers the total number of pieces available for the particular presort destination and assembles them into groups meeting applicable volume and size standards. When the standards for the rate claimed require securing the pieces in each group together, the result is a bundle. The term *bundle* does not apply to unsecured groups of pieces (e.g., pieces prepared in trays and identified by separator cards or tic marks).

### 2.2 Arranging Pieces in a Bundle (“Facing”)

All pieces in a bundle must be “faced” (arranged with the addresses in the same read direction), with an address visible on the top piece.

### 2.3 Preparing Bundles of Pieces of Nonuniform Thickness (“Counterstacking”)

Bundles of flats and other pieces of nonuniform thickness may be prepared by counter-stacking under these conditions:

- a. Counter-stacking should be used only to create bundles of more uniform thickness that are more likely to maintain their integrity during transportation and processing.
- b. Counter-stacking is appropriate for saddle-stitched mailpieces and pieces where one edge is thicker than other edges or one corner is thicker than other corners.
- c. When counter-stacking, pieces must all have addresses facing up and be divided into no more than four approximately equal groups, with each group rotated 180 degrees from the preceding and succeeding group(s); prepare as few groups as possible to create a bundle of uniform thickness.
- d. Counter-stacked groups within a bundle should be as thick as possible, generally at least 1 inch thick.
- e. When pieces are nonuniform in thickness because they are thicker in the center instead of along an edge or corner, counter-stacking will generally not result in a bundle of uniform thickness (i.e., a football-shaped bundle would be created). Instead of counter-stacking such pieces, limit the height (thickness) of the bundle to 3 to 6 inches to ensure the bundle will stay together during normal transit and handling.

### 2.4 Securing Bundles

Bundle preparation is subject to the following requirements:

- a. Bundles must be able to withstand normal transit and handling without breakage or injury to USPS employees.
- b. Bundles must be secured with banding, shrinkwrap, or shrinkwrap plus one or more bands. Banding includes plastic bands, rubber bands, twine/string, and similar material. Use of wire or metal banding is not permitted.
- c. When one band is used, it must be placed tightly around the girth (narrow dimension).

- d. Bundles over 1 inch high (thick) must be secured with at least two bands or with shrinkwrap. When double banding is used to secure bundles, it must encircle the length and girth of the bundle at least once. Additional bands may be used if none lies within 1 inch of any bundle edge.
- e. Banding tension must be sufficient to tighten and depress the edges of the bundle so pieces will not slip out of the banding during transit and processing. Loose banding is not allowed.
- f. When twine/string is used to band bundles, the knot(s) must be secure so the banding does not come loose during transit and processing.

### **2.5 Exception to Bundle Preparation—Full Single-Sort-Level Trays**

In bundle-based mailings not entirely of card-size pieces (i.e., pieces not larger than 4-1/4 by 6 by 0.016 inch), mail need not be prepared in 5-digit bundles if placed in a full 5-digit tray. Similarly, mail need not be prepared in other levels of bundles when it will be placed in a full tray to the corresponding tray level, and none of the mail in that tray would have been more finely sorted if bundled. For example, the content of a full ADC tray need not be bundled if, when correctly sorted, it would have all been prepared in ADC bundles to the same destination; conversely, this exception would not apply if some pieces would require preparation in 5-digit or 3-digit bundles.

### **2.6 Pieces With Simplified Address**

For mail prepared with a simplified address, all pieces for the same post office must be prepared in bundles of 50 when possible. If bundles of other quantities are prepared, the actual number of pieces must be shown on the facing slip attached to show distribution desired (e.g., rural route, city route, post office boxholder).

### **2.7 Bundles With Fewer Than the Minimum Number of Pieces Required**

An individual bundle may be prepared with fewer than the minimum number of pieces required by the standards for the rate claimed without loss of rate eligibility under either of these conditions:

- a. A greater number of pieces would exceed the maximum physical size for a bundle and the total number of pieces for that presort destination meets the minimum volume standard (e.g., 30 pieces are available to meet a 10-piece minimum, but a bundle of eight pieces is 6 inches thick).
- b. The pieces constitute the “last bundle” for a presort destination and previously prepared bundles met the applicable minimum volume standard (e.g., 505 pieces prepared in 10 50-piece bundles and one five-piece bundle).

### **2.8 Labeling Bundles**

Unless excepted by standard, the presort level of each bundle must be identified either with an optional endorsement line under [708.7.0](#) or with a barcoded pressure-sensitive bundle label. On flat-size mail, the label may be placed anywhere on the address side of the top piece in the bundle. Bundle labels must not be obscured by banding or shrinkwrap. The following colors and presort characters apply to bundle labels:

- a. Five-digit presort level, red Label 5.
- b. Three-digit presort level, green Label 3.



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- c. ADC presort level, pink Label A.
- d. Mixed ADC presort level, tan Label X.

### 2.9 Use of Optional Endorsement Lines (OEL)

An optional endorsement line (OEL) may be used to label bundles instead of applying pressure-sensitive bundle labels or facing slips to the top piece under [708.7.0](#).

## 3.0 Flat Trays

### 3.1 Presort

Presort, presort levels, and standard preparation terms are defined in [1.0, General Definition of Terms](#).

### 3.2 Standard Containers

Mailings must be prepared in flat trays with green lids. A postmaster may authorize nonpostal containers for a small-volume presorted mailing if the mailing weighs no more than 20 pounds, consists primarily of mail or bundles of mail for local ZIP Codes, and requires no USPS transportation for processing.

### 3.3 Tray Sizes

These approximate measurements define the flat tray sizes that apply to all mail preparation standards:

- a. Inside bottom dimensions: 14-3/4 inches long by 10-3/4 inches wide.
- b. Height: 8 inches to bottom of handhold, 11-1/4 inches to top of tray.

### 3.4 Tray Preparation

All flat tray preparation is subject to these standards:

- a. Addresses on all pieces must face upward in the same direction.
- b. Pieces must be placed in trays to maintain their orientation. Once the required minimum volume is reached to allow or require preparation of a tray, additional pieces must be placed in the same tray up to its capacity to minimize the number of trays used. When possible, pieces must be placed in two or more stacks to optimize tray use, but mail must not overfill the tray to inhibit adequate closure or covering of the content.
- c. The weight of a tray and its content must not exceed 70 pounds.
- d. Each tray must bear the correct tray label.
- e. Each tray must be covered (with the green side of the lid facing up) and strapped under [3.4i, Tray Preparation](#).
- f. For automation rate mailings prepared under the optional tray-based preparation rules in [6.0](#), one less-than-full overflow tray may be prepared for a presort destination when the total number of pieces for that destination meets the minimum for preparation of the tray level, and when one or more full trays for that destination are also prepared.

- g. For automation rate mailings prepared under the optional tray-based preparation rules, if the total number of pieces for a presort destination meets or exceeds the minimum number of pieces required to prepare a tray for that destination, but the total volume does not physically fill a single tray, then the mail for that presort destination may be prepared in a less-than-full tray.
- h. Pieces prepared as automation flats under the tray-based preparation option do not have to be grouped by 3-digit ZIP Code prefix in ADC trays or by ADC in mixed ADC trays if the mailing is prepared using an MLOCR/barcode sorter and standardized documentation is submitted.
- i. Each flat tray must be covered with a lid. Each covered flat tray must then be secured with two straps placed tightly around the width of the tray (the shorter dimension).

### 3.5 Origin/Entry 3-Digit/Scheme Trays

After all finer sort levels are prepared, an origin/entry 3-digit tray (or, if applicable, origin/entry 3-digit scheme tray) must be prepared to contain any remaining mail for each 3-digit (or 3-digit scheme) area serviced by the SCF serving the post office where the mail is verified (origin), and may be prepared for each 3-digit (or 3-digit scheme) area served by the SCF/plant where mail is entered (if that is different from the SCF/plant serving the post office where the mail is verified). In all cases, only one less-than-full tray may be prepared for each 3-digit (or 3-digit scheme) area.

## 4.0 Tray Labels

### 4.1 Basic Standards

Only tray labels may be used for trays; only sack labels may be used for sacks. Machine-printed labels (available from the USPS) ensure legibility. Legible hand-printed labels are acceptable. Illegible labels are not acceptable. Container labels for automation rate mailings are subject to [4.9](#) and [708.6.0, \*Barcoding Standards for Container Labels\*](#).

### 4.2 Physical Characteristics of a Tray Label

A tray label must meet these specifications:

- a. Color: white or manila.
- b. Weight: minimum 70-pound stock (500 sheets, 24 by 36 inches).
- c. Height (perpendicular to printing): 1.860 inches minimum; 2.015 inches maximum.
- d. Length (parallel to printing): 3.250 inches minimum; 3.515 inches maximum.
- e. Thickness: 0.005 inch minimum.



### 4.3 Line 1 (Destination Line)

Line 1 (destination line) must meet these standards:

- a. *Placement.* Line 1 must be the first visible line on the label. It must be completely visible and legible when placed in the label holder. This visibility is ensured if the top of this line is no less than 1/8 (0.125) inch below the top of the label when the label is cut and prepared.
- b. *Information.* Line 1 must contain only the information specified by standard, including the appropriate destination facility prefix (e.g., “ADC”). Two zeros may follow the 3-digit ZIP Code prefix required by labeling standards (e.g., 223 as 22300).
- c. *Overseas Military Mail.* On 5-digit trays for overseas military destinations, Line 1 shows, from left to right, “APO” or “FPO,” followed by “AE” (for ZIP Codes within the ZIP Code prefix range 090-098), “AA” (for ZIP Codes within the 3-digit ZIP Code prefix 340), or “AP” (for ZIP Codes within the ZIP Code prefix range 962-966), followed by the destination 5-digit ZIP Code of the mail in the tray.

### 4.4 Line 2 (Content Line)

Line 2 (content line) must meet these standards:

- a. *Placement:* Line 2 must be the second visible line on the label. This line must show the class and processing category of the mail in the tray and other information as specified by standards.
- b. *Codes:* The codes shown below must be used as appropriate on Line 2 of tray labels.

CONTENT TYPE	CODE
Barcoded	BC
Barcoded and Nonbarcoded	BC/NBC
Digit	D
First-Class Mail	FCM
Flats	FLTS
General Delivery Unit	G
Highway Contract Route	H
Mixed	MXD
Nonbarcoded	NON BC
Post Office Box Section	B
Rural Route	R
Working	WKG

**4.5 Line 3 (Office of Mailing or Mailer Information Line)**

Line 3 (office of mailing or mailer information line) must be the bottom line of required information and must show either the city and state of the entry post office or the mailer's name and the city and state of the mailer's location. It is recommended that the mailer's name also appear with the city and state of the entry post office.

**4.6 Abbreviations for Lines 1 and 3**

Lines 1 and 3 may contain abbreviated information if such abbreviations are those in the USPS City State Product.

**4.7 Placement of Extraneous Information**

Extraneous information is not permitted on the destination and content lines. It may be placed away from required lines, subject to these conditions:

- a. It may be placed above Line 1 in not more than 0.083 inch high type (6-point type).
- b. It may appear to the right of required Line 3 information but it must not consist of numerals that resemble a ZIP Code or 3-digit ZIP Code prefix.
- c. It must not appear between Lines 1 and 2 (a blank line is permitted), but may appear between Lines 2 and 3 if it does not consist of numerals that resemble a ZIP Code or 3-digit ZIP Code prefix.
- d. It may appear below Line 3.
- e. A mailer code assigned by the USPS or such words as "Mailer," "From" (or "FR"), or "Entered at" may appear before the required information on Line 3.

**4.8 Placement of a Tray Label**

A tray label must be securely placed in an adhesive-backed label holder that is affixed to the specific location designated on the tray. Where no specific location is indicated the label must be securely placed in an adhesive-backed label holder that is affixed horizontally to the top left corner of one end of the tray. Do not use tape. Insert labels completely into the label holder to ensure that they do not fall out during processing. Do not insert labels upside down.

**4.9 Barcoded Tray Labels****4.9.1 Basic Standards for Barcoded Tray Labels**

[Exhibit 4.9.1](#) shows the types of mail requiring barcoded tray labels. Barcoded labels must meet these general standards:

- a. Barcoded tray labels and sack labels must not be interchanged. Tray labels must be used only for trays, and sack labels must be used only for sacks.
- b. All information on barcoded labels must be machine-printed. Alterations to preprinted barcoded labels (e.g., handwritten changes) may not be made.
- c. Barcoded labels must be inserted completely into the label holder on the tray to prevent their loss during transport and processing.
- d. Mailer-produced barcoded labels must meet the standards in [708.6.0, \*Barcoding Standards for Container Labels\*](#).



### Exhibit 4.9.1 Required Barcoded Container Labels

RATE OR TYPE	PROCESSING CATEGORY
<b>First-Class Mail</b>	
Automation rate	Flat-size
Cobundled and cotrayed under <a href="#">705.9.0</a> through <a href="#">705.13.0</a>	Flat-size

### 4.9.2 Physical Characteristics of Barcoded Tray Labels

A barcoded tray label must meet these specifications:

- a. Color: white or manila.
- b. Reflectance: minimum reflectance requirements in [708.6.2.4i](#), *Barcode*.
- c. Perforations: perforations are not permitted through the barcode and barcode quiet zone on labels.
- d. Weight: minimum 70-pound paper stock (500 sheets, 24 by 36 inches).
- e. Height: 1.860 inches minimum; 2.015 inches maximum.
- f. Length: 3.250 inches minimum; 3.515 inches maximum.
- g. Thickness: 0.005 inch minimum.

## 5.0 Preparation of Nonautomation Flats

### 5.1 Basic Standards

Each Presorted First-Class mailing must be prepared under [5.0](#) and [333.3.0](#), *Eligibility Standards for First-Class Mail Flats*. All pieces must be in the flat-size processing category. Flat-size pieces must be prepared in flat trays. All pieces must be marked "Presorted" and "First-Class."

### 5.2 Single-Piece Rate Pieces Presented With Presort Mailings

Regardless of the method of postage payment, pieces of single-piece rate First-Class Mail may be presented with and reported on the same postage statement as pieces claimed at automation or presort rates if the single-piece rate pieces are physically separated from other pieces; bear no rate marking, or are marked only "First-Class," or (if not affixed with full single-piece rate postage) are marked "Single-Piece" or "SNGLP" under [202.3.0](#), *Placement and Content of Mail Markings*, in addition to any other marking; and either have additional postage affixed to yield the correct amount on each piece or (if prepared with a corrective rate marking) have all additional postage paid at the time of mailing.

### 5.3 Nonautomation Pieces

Nonautomation flats must use the preparation sequence and tray labeling in [5.4](#) and [5.5](#).

#### 5.4 Bundling and Labeling

Except under [2.7b](#), bundling is required before traying. A bundle must be prepared when the quantity of addressed pieces for a required presort level reaches a minimum of 10 pieces. Smaller volumes are not permitted except for mixed ADC bundles. Preparation sequence, bundle size, and labeling:

- a. 5-digit (required); 10-piece minimum; red Label 5 or optional endorsement line (OEL).
- b. 3-digit (required); 10-piece minimum; green Label 3 or OEL.
- c. ADC (required); 10-piece minimum; pink Label A or OEL.
- d. Mixed ADC (required); no minimum; tan Label X or OEL.

#### 5.5 Traying and Labeling

Preparation sequence, tray size, and labeling:

- a. 5-digit (required); full trays (no overflow); labeling:
  1. Line 1: city, state, and 5-digit ZIP Code on mail (see [4.3c](#) for overseas military mail).
  2. Line 2: "FCM FLTS 5D NON BC."
- b. 3-digit (required); full trays (no overflow), except for one less-than-full tray for each origin 3-digit(s); labeling:
  1. Line 1: [L002](#), Column A.
  2. Line 2: "FCM FLTS 3D NON BC."
- c. ADC (required); full trays (no overflow); labeling:
  1. Line 1: [L004](#), Column B.
  2. Line 2: "FCM FLTS ADC NON BC."
- d. Mixed ADC (required); no minimum; labeling:
  1. Line 1: "MXD" followed by city, state, and 3-digit ZIP Code prefix of facility serving 3-digit ZIP Code prefix of entry post office, as shown in [L002](#), Column C.
  2. Line 2: "FCM FLTS NON BC WKG."

#### 5.6 Cotraying and Cobundling With Automation Rate Mail

Except for automation rate mailings prepared under the tray-based preparation option in [6.6](#), if a single mailing job contains an automation rate mailing and a Presorted rate mailing and both mailings are reported on the same postage statement, then the mailing job must be presorted under the cotraying standards in [705.9.0](#). Flat-size Presorted rate pieces may be cobundled with flat-size automation rate pieces under the standards in [705.11.0](#).



## 6.0 Preparation of Automation Rate Flats

### 6.1 Basic Standards

Automation rate First-Class Mail must be prepared under [6.0](#) and meet the eligibility standards for the rate claimed; trays must bear the appropriate barcoded container labels under [708.6.0, \*Barcoding Standards for Container Labels\*](#). Flat-size pieces must be prepared in flat trays.

### 6.2 Mailings

#### 6.2.1 Automation Rate Pieces

All pieces in a mailing must be sorted together to the finest extent required. First-Class Mail mailings may include pieces prepared at automation 5-digit, 3-digit, ADC, and mixed ADC rates. The definitions of a mailing and permissible combinations are in [1.2](#).

#### 6.2.2 Single-Piece Rate Pieces

Regardless of the method of postage payment, pieces of single-piece rate First-Class Mail may be presented with and reported on the same postage statement as pieces claimed at automation or presort rates if the single-piece rate pieces are physically separated from other pieces; bear no rate marking, or are marked only "First-Class," or (if not affixed with full single-piece rate postage) are marked "Single-Piece" or "SNGLP" under [202.3.0, \*Placement and Content of Mail Markings\*](#), in addition to any other marking; and either have additional postage affixed to yield the correct amount on each piece or (if prepared with a corrective rate marking) have all additional postage paid at the time of mailing.

### 6.3 Marking

All automation rate pieces must be marked under [302](#). Pieces claimed at an automation rate must bear the appropriate class marking. Pieces not claimed at an automation rate must not bear "AUTO" unless single-piece rate postage is affixed or a corrective single-piece rate marking ("single-piece" or "SNGLP") is applied.

### 6.4 General Preparation

Except for First-Class Mail prepared under [6.6, \*First-Class Mail Optional Tray-Based Preparation\*](#), all pieces must be prepared in bundles and meet the following requirements:

- a. Pieces that meet both the size dimensions and the turning ability and deflection standards under [301.3.3, \*Criteria for AFSM 100 Flats\*](#), must be prepared in separate bundles from pieces that do not meet all AFSM 100 dimensions and the turning ability and deflection standards (but that do meet the dimensions and other criteria for UFSM 1000 processing under [301.3.4](#)).
- b. Each AFSM 100 bundle and each UFSM 1000 bundle must separately meet the bundle size minimum number of pieces in [6.5.1, \*Bundling and Labeling\*](#). When the total number of AFSM 100 or UFSM 1000 pieces for a specific presort destination (e.g., the 5-digit ZIP Code 12345) meets or exceeds the applicable minimum bundle size, the pieces for that presort destination must be prepared into a bundle or bundles labeled to that presort destination under the standards for the rate claimed.

- c. The physical size of each bundle for each specific presort destination may contain the exact bundle minimum, more pieces than the bundle minimum, or fewer pieces than the bundle minimum, depending on the size of the pieces in the mailing or the total quantity of the pieces to that destination. Rate eligibility is not affected when a physical bundle contains fewer pieces than the minimum bundle size for the above reasons, provided the total number of AFSM 100 pieces physically bundled for that presort destination or the total number of UFSM 1000 pieces physically bundled for that presort destination meets or exceeds the rate eligibility bundle minimum under [333.5.0, Additional Eligibility Standards for Automation Rate First-Class Mail Flats](#).

## 6.5 First-Class Mail Required Bundle-Based Preparation

### 6.5.1 Bundling and Labeling

Preparation sequence, bundle size, and labeling:

- a. 5-digit (optional, but required for 5-digit rate eligibility); 10-piece minimum; red Label 5 or optional endorsement line (OEL).
- b. 3-digit (required); 10-piece minimum; green Label 3 or OEL.
- c. ADC (required); 10-piece minimum; pink Label A or OEL.
- d. Mixed ADC (required); no minimum; tan Label X or OEL.

### 6.5.2 Combining Bundles into the Same Tray

Mailers may combine AFSM 100 bundles and UFSM 1000 bundles in the same tray.

### 6.5.3 Traying and Labeling

Preparation sequence, tray size, and labeling:

- a. 5-digit (optional, but required for 5-digit rate eligibility); full trays (no overflow); labeling:
  - 1. Line 1: city, state, and 5-digit ZIP Code on mail (see [708.6.0, Barcoding Standards for Container Labels](#), for overseas military mail).
  - 2. Line 2: "FCM FLTS 5D BC."
- b. 3-digit (required); full trays (no overflow); labeling:
  - 1. Line 1: [L002](#), Column A.
  - 2. Line 2: "FCM FLTS 3D BC."
- c. Origin 3-digit(s) (required); no minimum; labeling:
  - 1. Line 1: [L002](#), Column A.
  - 2. Line 2: "FCM FLTS 3D BC."
- d. ADC (required); full trays (no overflow); labeling:
  - 1. Line 1: [L004](#), Column B.
  - 2. Line 2: "FCM FLTS ADC BC."
- e. Mixed ADC (required); no minimum; labeling:
  - 1. Line 1: "MXD" followed by city, state, and ZIP of facility serving 3-digit ZIP Code prefix of entry post office, as shown in [L002](#), Column C.



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2. Line 2: "FCM FLTS BC WKG."

### 6.6 First-Class Mail Optional Tray-Based Preparation

Tray size, preparation sequence, and Line 1 labeling:

- a. Mailers may not combine AFSM 100 and UFSM 1000 pieces in the same mailing.
- b. 5-digit: optional, but 5-digit trays required for rate eligibility (90-piece minimum); one less-than-full or overflow tray allowed; for Line 1, use city, state, and 5-digit ZIP Code destination of pieces (for military mail see [4.3c](#)). (Preparation to qualify for 5-digit rate is optional and need not be done for all 5-digit destinations.)
- c. 3-digit: required (90-piece minimum); one less-than-full or overflow tray allowed; for Line 1, use [L002](#), Column A for 3-digit destinations.
- d. Origin 3-digit: required for each 3-digit ZIP Code served by the SCF of the origin (verification) office; no minimum; for Line 1, use [L002](#), Column A for 3-digit destinations.
- e. ADC: required (90-piece minimum); one less-than-full or overflow tray allowed; group pieces by 3-digit ZIP Code prefix; for Line 1, use [L004](#) (ZIP Code prefixes in Column A must be combined and labeled to the corresponding ADC destination shown in Column B). As an exception, pieces do *not* have to be grouped by 3-digit ZIP Code prefix in ADC trays if the mailing is prepared using a MLOCR/barcode sorter and standardized documentation is submitted.
- f. Mixed ADC: required (no minimum for rate eligibility); group pieces by ADC; for Line 1, use "MXD" followed by the city, state, and ZIP of the facility serving the 3-digit ZIP Code of the entry post office, as shown in [L002](#), Column C. As an exception, pieces do *not* have to be grouped by ADCs in mixed ADC trays if the mailing is prepared using a MLOCR/barcode sorter and standardized documentation is submitted.

### 6.7 5-Digit Scheme Bundle Preparation

Pieces meeting the AFSM 100 compatibility criteria in [301.3.3, Criteria for AFSM 100 Flats](#), may be prepared in 5-digit scheme bundles for those 5-digit ZIP Code combinations identified in [L007](#). These bundles must meet the additional standards in [1.4e, Preparation Definitions and Instructions](#).

### 6.8 Cotraying and Cobundling With Presorted Rate Mail

Except for mailings prepared under the tray-based preparation option in [6.6](#), if the mailing job contains an automation rate mailing and a Presorted rate mailing and both mailings are reported on the same postage statement, then the mailing job must be prepared under the cotraying standards in [705.9.0](#). Automation rate pieces may be cobundled with Presorted rate pieces under the standards in [705.11.0](#).