



M900 Advanced Preparation Options for Flats

M930 Merged Palletization of Packages Using a 5% Threshold

Summary M930 describes the eligibility and preparation requirements for co-palletizing packages of automation, Presorted, and carrier route rate pieces into merged 5-digit scheme and merged 5-digit pallets using a 5% threshold (not the City State Product).

1.0 PERIODICALS

Basic Standards

1.1

5-digit scheme (under [L007](#)) packages must be prepared under M930 effective April 30, 2003. 5-digit scheme packages may not be copalletized on merged pallets with carrier route packages. Five-digit packages from an automation rate mailing and Five-digit packages from a Presorted rate mailing (including pieces copackaged under [M950](#)) may be placed on the same pallet as carrier route rate packages under the following conditions:

- a. A carrier route mailing must be part of the mailing job.
- b. The pieces in the carrier route mailing, the automation rate mailing, and the Presorted rate mailing must be part of the same mailing job.
- c. Pieces in the automation rate mailing must meet the criteria for a flat under [C050.3.2](#) and [C820](#). Pieces in the Presorted rate mailing and the carrier route mailing must be nonletter-size.
- d. [\[1-9-03\]](#) Automation rate 5-digit packages, Presorted rate 5-digit packages, and copackaged 5-digit packages may be copalletized with carrier route packages only when the pieces in the 5-digit packages do not exceed the 5% limit described in [1.4](#). Pallets of mail sorted in this manner are called “merged 5-digit” pallets. Pallets of mail sorted in this manner for which scheme sortation is also performed are called “merged 5-digit scheme” pallets. Since 5-digit scheme packages cannot be placed on merged pallets, pieces in 5-digit scheme packages do not count as 5-digit sorted pieces for purposes of determining the 5% limit.
- e. If sortation under this section is performed, merged 5-digit pallets and merged 5-digit scheme pallets must be prepared whenever there is enough volume of carrier route and 5-digit packages under [M041](#) and [1.4](#) to prepare such pallets. In addition, all possible merged 5-digit scheme and 5-digit scheme pallets must be prepared under [1.4](#) and [1.5](#).
- f. The carrier route mailing must meet the eligibility criteria in [E230](#), the automation rate mailing must meet the eligibility criteria in [E240](#), and the Presorted rate mailing must meet the eligibility criteria in [E220](#).
- g. The rates are based on the level of package and the number of pieces in the package under [E220](#), [E230](#), and [E240](#).
- h. The packages from each separate mailing must be sorted together on pallets (copalletized) under [1.5](#) using presort software that is PAVE-certified.
- i. A complete, signed postage statement(s), using the correct USPS form or an approved facsimile, must accompany each mailing job prepared under these procedures.



- j. In addition to the postage statement(s), documentation prepared by PAVE-certified software must be submitted with each copalletized mailing job that describes for each pallet sortation level and pallet the number of pieces qualifying for each applicable carrier route rate, each applicable automation rate, and each applicable Presorted rate under P012. A separate 5% threshold summary also must be provided under P012 for each “logical” merged 5-digit scheme or “logical” merged 5-digit pallet presort destination. This 5% threshold summary must show for each 5-digit ZIP Code on the logical merged 5-digit scheme or logical merged 5-digit pallet: the total number of pieces on the pallet for the 5-digit ZIP Code; the total number of pieces sorted in carrier route packages for the 5-digit ZIP Code (including each firm package eligible for the carrier route rate and low-volume carrier route packages); the total number of pieces sorted in 5-digit packages for the 5-digit ZIP Code (including each firm package eligible for the 5-digit or basic rate and low-volume 5-digit packages), and; of the total number of pieces for the 5-digit ZIP Code, the percentage of pieces sorted in 5-digit packages for that 5-digit ZIP Code. This additional 5% threshold summary must appear within the body of the documentation beneath the pallet rate listing for the last physical pallet for the logical pallet presort destination. *Note:* If there are two or more physical pallets for the same presort destination, for example, the same merged 5-digit pallet destination, these two or more physical pallets would be considered as one “logical pallet.” The separate pallet summary must be for the mail on all of the physical pallets (the “logical pallet”) for that presort destination.
- k. Portions of the mailing job that cannot be palletized must be prepared in sacks under M210, M220, M820, M910, or M920.

Package Preparation
1.2

Packages placed on pallets must be prepared under the standards in M045.

Low-Volume Packages on Pallets
1.3

Carrier route and 5-digit packages prepared under M210, M220, M820 or M950, and M045 that contain fewer than six pieces may be placed on pallets under 1.5a through 1.5i, when the publisher determines that such preparation improves service. Pieces in such low-volume packages must pay the applicable basic rate.

5% Threshold Standard
1.4

Five-digit packages and carrier route packages may be placed on the same merged 5-digit scheme or merged 5-digit pallet under 1.5 if all of the following conditions are met:

- a. The number of pieces prepared in 5-digit packages for any single 5-digit ZIP Code on a “logical” merged 5-digit or merged 5-digit scheme pallet does not exceed 5% of the total number of pieces for the 5-digit ZIP Code on the logical pallet for that presort destination. That is, the total number of pieces for a 5-digit ZIP Code in 5-digit and carrier route packages must not be greater than the number of pieces in carrier route packages divided by 0.95.
- b. [1-9-03] The 5% threshold is calculated separately for each 5-digit ZIP Code. For example, if a scheme contains four different 5-digit ZIP Codes, a separate 5% threshold applies to each 5-digit ZIP Code for the scheme on a merged 5-digit scheme pallet. Since 5-digit scheme packages may not be placed on merged pallets, pieces in 5-digit scheme packages do not count as 5-digit sorted pieces for purposes of determining the 5% limit.



- c. Except when packages are prepared under the co-packaging option in [M950](#), all the mail in a logical 5-digit package must be able to be placed on the logical pallet under the 5% rule. A logical 5-digit package is all pieces for a mailing (rate level) prepared in a 5-digit package or packages for the same 5-digit destination. For each 5-digit ZIP Code it is possible to have a logical 5-digit package of automation rate mail and a logical 5-digit package of Presorted rate mail. If the total number of pieces in a logical 5-digit package exceeds the 5% limit, none of the pieces for that 5-digit package level may be placed on a merged 5-digit or merged 5-digit scheme pallet. For some ZIP Codes, the total number of pieces prepared in logical 5-digit packages (both an automation rate 5-digit package and a Presorted rate 5-digit package) may exceed 5% of the total mail for that ZIP Code, but the number of pieces for an individual automation rate logical 5-digit package for that ZIP Code does not exceed the 5% limit nor does an individual Presorted rate logical 5-digit package for that ZIP Code exceed the 5% limit. In such instances, mailers may choose to place all of the pieces in a logical 5-digit package for a single rate category on the logical merged 5-digit or merged 5-digit scheme pallet so that the 5% threshold is not exceeded.
- d. Except for packages prepared under the co-packaging option in [M950](#), if the total number of pieces in both the logical 5-digit automation rate package and the logical 5-digit Presorted rate package each separately exceed 5% of the total number of pieces for the 5-digit ZIP Code, none of the pieces in 5-digit packages may be merged with carrier route packages on a merged 5-digit or merged 5-digit scheme pallet.
- e. For mailing jobs prepared using the co-packaging option in [M950](#), if the total number of pieces prepared in a logical 5-digit package exceeds the 5% limit for a 5-digit ZIP Code in [1.4a](#), a mailer may, for each 5-digit ZIP Code, choose to place a portion of the pieces prepared in the logical 5-digit package on a merged 5-digit or 5-digit scheme pallet using one of the options below. Regardless of the option selected, a minimum of six pieces must be prepared in 5-digit package(s) placed on the merged pallet and a minimum of six remaining pieces prepared in 5-digit package(s) not placed on the merged pallet, with the total number of pieces not exceeding the 5% limit. The options are:
- (1) Place either all automation rate pieces or all Presorted rate pieces for the 5-digit ZIP Code on the merged pallet.
 - (2) Place a portion of either the automation rate pieces or the Presorted rate pieces for the 5-digit ZIP Code on the merged pallet.
 - (3) Place either all the automation rate pieces plus a portion of the Presorted rate pieces or all the Presorted rate pieces plus a portion of the automation rate pieces for the 5-digit ZIP Code on the merged pallet.
- f. [\[1-9-03\]](#) Pieces in low-volume carrier route packages count as carrier route sorted pieces for purposes of determining the 5% limit under [1.4a](#) through [1.4e](#) even though the basic rate is paid. Pieces in low-volume 5-digit packages count as 5-digit sorted pieces for purposes of determining the 5% limit under [1.4a](#) through [1.4e](#) even though the basic rate is paid. Since 5-digit scheme packages cannot be placed on merged pallets, pieces in 5-digit scheme packages do not count as 5-digit sorted pieces for purposes of determining the 5% limit.



- g. Copies in firm packages claimed as one piece for rate purposes will be considered a single piece when performing the 5% limit calculation under 1.4a through 1.4e. As provided in M210.1.4 and M220.1.4, some firm packages claimed as one piece may be eligible for carrier route rates, 5-digit rates, or basic rates. The sortation level of each firm piece (package) for purposes of applying the 5% limit will be considered to be carrier route if the firm piece (package) is eligible for the carrier route rate under M220.1.4. Otherwise the firm package will be considered to be a 5-digit sorted piece (even if the basic rate must be paid on that piece).

Pallet Preparation and Labeling

1.5

Mailers must prepare pallets of packages in the manner and sequence listed below and under M041. Mailers must prepare all merged 5-digit scheme, 5-digit scheme carrier routes, 5-digit scheme, and merged 5-digit pallets that are possible in the mailing based on the volume of mail to the destination using L001 and the 5% threshold, as applicable. Mailers must label pallets according to the Line 1 and Line 2 information listed below and under M031. If, due to the physical size of the mailpieces, the automation rate pieces are considered flat-size under C820 and the carrier route sorted pieces and Presorted rate pieces are considered irregular parcels under C050, "FLTS" must be shown as the processing category on the pallet label. If a mailing contains no automation rate pieces and the carrier route mailing and the Presorted rate mailing are irregular parcels, use "IRREG" for the processing category on the contents line of the pallet label.

- a. *Merged 5-Digit Scheme*. Required. Permitted only when 5-digit packages for at least one 5-digit ZIP Code in the scheme may be merged with carrier route packages under the 5% threshold standard in 1.4. May contain carrier route packages for any 5-digit ZIP Code in a single scheme listed in L001. May also contain automation rate 5-digit packages and Presorted rate 5-digit packages up to a maximum of 5% of the total number of pieces for each 5-digit ZIP Code in the scheme under 1.4. For 5-digit ZIP Codes not included in a scheme, begin preparing pallets under 1.5d (merged 5-digit pallet).
- (1) Line 1: use L001, Column B.
 - (2) Line 2: "PER" or "NEWS" as applicable; followed by "FLTS" or "IRREG" as applicable; followed by "CR/5D SCHEME."
- b. *5-Digit Scheme Carrier Routes*. Required. May contain only carrier route packages for all carrier routes in an L001 scheme when a merged 5-digit scheme pallet could not be prepared under 1.5a.
- (1) Line 1 use L001, Column B.
 - (2) Line 2: "PER" or "NEWS" as applicable; followed by "FLTS" or "IRREG" as applicable; followed by "CR-RTS SCHEME."
- c. **[1-9-03]** *5-Digit Scheme*. Not permitted for flats that meet the dimension, weight, and flexibility criteria of the AFSM 100 in C820.2.0, including copalletized or combined AFSM 100 flats and other flats, and not permitted for sacks or trays. Required for all other flats and irregular parcels. May contain only 5-digit packages of automation rate and Presorted rate mail for the same 5-digit scheme under L001 that could not be placed on a merged 5-digit scheme pallet.
- (1) Line 1: use L001, Column B.
 - (2) Line 2: "PER" or "NEWS" as applicable; followed by "FLTS" or "IRREG" as applicable; followed by "5D"; followed by "BARCODED" or "BC" if the pallet contains automation rate mail; followed by "NONBARCODED" or "NBC" if the pallet contains Presorted rate mail; followed by "SCHEME" or "SCH."



- d. *Merged 5-Digit*. Required. Permitted only when 5-digit packages may be merged with carrier route packages under the 5% threshold standard in 1.4 for a 5-digit ZIP Code that is not part of an L001 scheme. May contain carrier route packages, automation rate 5-digit packages, and Presorted rate 5-digit packages. The number of pieces in 5-digit packages is limited to 5% of the total number of pieces placed on the pallet under 1.4.
- (1) Line 1: use city, state, and 5-digit ZIP Code destination (see M031 for military mail).
 - (2) Line 2: "PER" or "NEWS" as applicable; followed by "FLTS" or IRREG" as applicable; followed by "CR/5D."
- e. *5-Digit Carrier Routes*. Required. May contain only carrier route rate packages for the same 5-digit ZIP Code that is not part of a scheme for which a merged 5-digit pallet could not be prepared under 1.5d.
- (1) Line 1: use city, state, and 5-digit ZIP Code destination (see M031 for military mail).
 - (2) Line 2: "PER" or "NEWS" as applicable; followed by "FLTS" or "IRREG" as applicable; followed by "CARRIER ROUTES" or "CR-RTS."
- f. [2-6-03] [1-9-03] *5-Digit*. Required. May contain only automation rate 5-digit packages and Presorted rate 5-digit packages for the same 5-digit ZIP Code that could not be placed on a merged 5-digit pallet, or 5-digit scheme (L007) packages (automation rate and copackaged automation and Presorted rate pieces only). Five-digit scheme packages are assigned to 5-digit pallets according to the OEL "label to" 5-digit ZIP Code.
- (1) Line 1: use city, state, and 5-digit ZIP Code destination (see M031 for military mail).
 - (2) Line 2: "PER" or "NEWS" as applicable; followed by "FLTS" or "IRREG" as applicable; followed by "5D"; followed by "BARCODED" or "BC" if the pallet contains automation rate mail; followed by "NONBARCODED" or "NBC" if the pallet contains Presorted rate mail.
- g. *5-Digit Metro*. Optional. May contain carrier route, automation, and Presorted rate packages for the 5-digit ZIP Codes listed in L006, Column A, and for the 3-digit ZIP Code areas listed in L006, Column B.
- (1) Line 1: use L006, Column C.
 - (2) Line 2: "PER" or "NEWS"; followed by "FLTS" or "IRREG"; followed by "METRO" or "MET"; followed by "BARCODED" or "BC" if the pallet contains automation rate mail; followed by "NONBARCODED" or "NBC" if the pallet contains Presorted rate and/or carrier route mail.
- h. [1-9-03] *3-Digit*. Optional. Effective April 30, 2003, not permitted for packages with 3-digit ZIP Code prefixes indicated by an "N" in L002. May contain carrier route rate, automation rate, and Presorted rate mail.
- (1) Line 1: use L002, Column A.
 - (2) Line 2: "PER" or "NEWS" as applicable; followed by "FLTS" or "IRREG" as applicable; followed by "3D"; followed by "BARCODED" or "BC" if the pallet contains automation rate mail; followed by "NONBARCODED" or "NBC" if the pallet contains Presorted rate mail and/or carrier route mail.
- i. *SCF*. Required. May contain carrier route rate, automation rate, and Presorted rate packages.
- (1) Line 1: use L002, Column C.



- (2) Line 2: "PER" or "NEWS" as applicable; followed by "FLTS" or "IRREG" as applicable; followed by "SCF"; followed by "BARCODED" or "BC" if the pallet contains automation rate mail; followed by "NONBARCODED" or "NBC" if the pallet contains Presorted rate mail and/or carrier route mail.
- j. ADC. Required. May contain carrier route rate, automation rate, and Presorted rate packages.
 - (1) Line 1: use L004.
 - (2) Line 2: "PER" or "NEWS" as applicable; followed by "FLTS" or "IRREG" as applicable; followed by "ADC"; followed by "BARCODED" or "BC" if the pallet contains automation rate mail; followed by "NONBARCODED" or "NBC" if the pallet contains Presorted rate mail and/or carrier route mail.

2.0 STANDARD MAIL

Basic Standards

2.1

[1-9-03] Five-digit scheme (under L007) packages must be prepared under M930 effective April 30, 2003. 5-digit scheme packages may not be copalletized on merged pallets with carrier route packages. 5-digit packages from an automation rate mailing and 5-digit packages from a Presorted rate mailing (including pieces copackaged under M950) may be placed on the same pallet as carrier route rate packages under the following conditions:

- a. A carrier route mailing must be part of the mailing job.
- b. The pieces in the carrier route rate mailing, the automation rate mailing, and the Presorted rate mailing must be part of the same mailing job and all three mailings must be reported on the same postage statement.
- c. Pieces in the automation rate mailing must meet the criteria for a flat under C050.3.2 and C820. Pieces in the Presorted rate mailing and the carrier route mailing must meet the criteria for a flat under C050.3.1.
- d. [1-9-03] Automation rate 5-digit packages, Presorted rate 5-digit packages, and copackaged 5-digit packages may be copalletized with carrier route packages only when the pieces in the 5-digit packages do not exceed the 5% limit described in 2.3. Pallets of mail sorted in this manner are called "merged 5-digit" pallets. Pallets of mail sorted in this manner for which scheme sortation is also performed are called "merged 5-digit scheme" pallets. Since 5-digit scheme packages cannot be placed on merged pallets, pieces in 5-digit scheme packages do not count as 5-digit sorted pieces for purposes of determining the 5% limit.
- e. If sortation under this section is performed, merged 5-digit scheme pallets must be prepared whenever there is enough volume of carrier route and 5-digit packages under M041 and 2.3 to prepare such pallets.
- f. The carrier route mailing must meet the eligibility criteria in E620, the automation rate mailing must meet the eligibility criteria in E640, and the Presorted rate mailing must meet the eligibility criteria in E620.
- g. The rates are based on the level of package that the pieces are contained in under E620 and E640.
- h. The packages from each separate mailing must be sorted together on pallets (copalletized) using presort software that is PAVE-certified.
- i. The pieces in each separate mailing must bear the applicable markings required under M610, M620, or M820 and under M012.



- j. A complete, signed postage statement, using the correct USPS form or an approved facsimile, must accompany each mailing job prepared under these procedures.
- k. In addition to the postage statement(s), documentation prepared by PAVE-certified software must be submitted with each copalletized mailing job that describes for each pallet sortation level and pallet the number of pieces qualifying for each applicable carrier route rate, each applicable automation rate, and each applicable Presorted rate under [P012](#). A separate 5% threshold summary also must be provided under [P012](#) for each “logical” merged 5-digit scheme or “logical” merged 5-digit pallet presort destination. This 5% threshold summary must show for each 5-digit ZIP Code on the logical merged 5-digit scheme or logical merged 5-digit pallet: the total number of pieces on the pallet for the 5-digit ZIP Code; the total number of pieces sorted in carrier route packages for the 5-digit ZIP Code; the total number of pieces sorted in 5-digit packages for the 5-digit ZIP Code, and; of the total number of pieces for the 5-digit ZIP Code, the percentage of pieces sorted in 5-digit packages for that 5-digit ZIP Code. This additional 5% threshold summary must appear within the body of the documentation beneath the pallet rate listing for the last physical pallet for the logical pallet presort destination. *Note:* If there are two or more physical pallets for the same presort destination, for example, the same merged 5-digit pallet destination, these two or more physical pallets would be considered as one “logical pallet.” The separate pallet summary must be for the mail on all of the physical pallets (the “logical pallet”) for that presort destination.
- l. Portions of the mailing job that cannot be palletized must be prepared in sacks under [M610](#), [M620](#), [M820](#), [M910](#), or [M920](#).

Package Preparation 2.2

Packages placed on pallets must be prepared under the standards in [M045](#).

5% Threshold Standard 2.3

5-digit packages and carrier route packages may be placed on the same merged 5-digit scheme and merged 5-digit pallet if all of the following conditions are met:

- a. The number of pieces prepared in 5-digit packages for any single 5-digit ZIP Code on a logical merged 5-digit or merged 5-digit scheme pallet does not exceed 5% of the total number of pieces for the 5-digit ZIP Code on the pallet(s) for the presort destination. That is, the total number of pieces for a 5-digit ZIP Code in 5-digit and carrier route packages must not be greater than the number of pieces in carrier route packages divided by 0.95.
- b. [1-9-03] The 5% threshold is calculated separately for each 5-digit ZIP Code. For example, if a scheme contains four different 5-digit ZIP Codes, a separate 5% threshold applies to each 5-digit ZIP Code for the scheme on a merged 5-digit scheme pallet. Since 5-digit scheme packages may not be placed on merged pallets, pieces in 5-digit scheme packages do not count as 5-digit sorted pieces for purposes of determining the 5% limit.
- c. Except when packages are prepared under the co-packaging option in [M950](#), all the mail in a logical 5-digit package must be able to be placed on the logical pallet under the 5% rule. A logical 5-digit package is all pieces for a mailing (rate level) prepared in a 5-digit package or packages for the same 5-digit destination. For each 5-digit ZIP Code, it is possible to have a logical 5-digit package of automation rate mail and a logical 5-digit package of Presorted rate mail. If the total number of pieces in a logical 5-digit package exceeds the 5% limit, none of the pieces for that 5-digit package level may be placed on a merged 5-digit or merged 5-digit scheme pallet. For some ZIP



Codes, the total number of pieces prepared in logical 5-digit packages (both an automation rate 5-digit package and a Presorted rate 5-digit package) may exceed 5% of the total mail for that ZIP Code, but the number of pieces for an individual automation rate logical 5-digit package for that ZIP Code does not exceed the 5% limit nor does an individual Presorted rate logical 5-digit package for that ZIP Code exceed the 5% limit. In such instances, mailers may choose to place all of the pieces in a logical 5-digit package for a single rate category on the logical merged 5-digit or merged 5-digit scheme pallet so that the 5% threshold is not exceeded.

- d. Except for packages prepared under the co-packaging option in [M950](#), if the total number of pieces in both the logical 5-digit automation rate package and the logical 5-digit Presorted rate package each separately exceed 5% of the total number of pieces for the 5-digit ZIP Code, none of the pieces in 5-digit packages may be merged with carrier route packages on a merged 5-digit or merged 5-digit scheme pallet.
- e. For mailing jobs prepared using the co-packaging option in [M950](#), if the total number of pieces prepared in a logical 5-digit package (containing automation rate and Presorted rate pieces) exceeds the 5% limit for a 5-digit ZIP Code in [2.3a](#), a mailer may, for each 5-digit ZIP Code, choose to place a portion of the pieces prepared in the logical 5-digit package on a merged 5-digit or 5-digit scheme pallet using one of the options below. Regardless of the option selected, a minimum of 10 pieces must be prepared in 5-digit package(s) placed on the merged pallet and a minimum of 10 remaining pieces prepared in 5-digit package(s) not placed on the merged pallet, with the total number of pieces not exceeding the 5% limit. The options are:
 - (1) Place either all automation rate pieces or all Presorted rate pieces for the 5-digit ZIP Code on the merged pallet.
 - (2) Place a portion of either the automation rate pieces or the Presorted rate pieces for the 5-digit ZIP Code on the merged pallet.
 - (3) Place either all the automation rate pieces plus a portion of the Presorted rate pieces or all the Presorted rate pieces plus a portion of the automation rate pieces for the 5-digit ZIP Code on the merged pallet.

Pallet Preparation and Labeling 2.4

Mailers must prepare pallets of packages in the manner and sequence listed below and under [M041](#). Mailers must prepare all merged 5-digit scheme, 5-digit scheme carrier routes, 5-digit scheme, and merged 5-digit pallets that are possible in the mailing based on the volume of mail to the destination using [L001](#) and the 5% threshold. Mailers must label pallets according to the Line 1 and Line 2 information listed below and under [M031](#).

- a. *Merged 5-Digit Scheme*. Required. Permitted only when 5-digit packages for at least one 5-digit ZIP Code in the scheme may be merged with carrier route packages under the 5% threshold standard in [2.3](#). May contain carrier route packages for any 5-digit ZIP Code in a single scheme listed in [L001](#). May also contain automation rate 5-digit packages and Presorted rate 5-digit packages up to a maximum of 5% of the total number of pieces for each 5-digit ZIP Code in the scheme under [2.3](#). For 5-digit ZIP Codes not included in a scheme, begin preparing pallets under [2.4c](#) (merged 5-digit pallet).
 - (1) Line 1: use [L001](#), Column B.
 - (2) Line 2: "STD FLTS CR/5D SCHEME."
- b. *5-Digit Scheme Carrier Routes*. Required. May contain only carrier route packages for all carrier routes in an [L001](#) scheme when a merged 5-digit scheme pallet could not be prepared under [2.4a](#).



- (1) Line 1: use [L001](#), Column B.
 - (2) Line 2: "STD FLTS CR-RTS SCHEME."
- c. *Merged 5-Digit*. Required. Permitted only when 5-digit packages may be merged with carrier route packages under the 5% threshold standard in [2.3](#) for a 5-digit ZIP Code that is not part of an [L001](#) scheme. May contain carrier route rate packages, automation rate 5-digit packages, and Presorted rate 5-digit packages. The number of pieces in 5-digit packages is limited to 5% of the total number of pieces placed on the pallet under [2.3](#).
- (1) Line 1: use city, state, and 5-digit ZIP Code destination (see [M031](#) for military mail).
 - (2) Line 2: "STD FLTS CR/5D."
- d. *5-Digit Carrier Routes*. Required. May contain only carrier route rate packages for the same 5-digit ZIP Code that is not part of a scheme and for which a merged 5-digit pallet could not be prepared under [2.4c](#).
- (1) Line 1: use city, state, and 5-digit ZIP Code destination (see [M031](#) for military mail).
 - (2) Line 2: "STD FLTS"; followed by "CARRIER ROUTES" or "CR-RTS."
- e. [\[2-6-03\]](#) [\[1-9-03\]](#) *5-Digit*. Required. May contain only automation rate 5-digit packages and Presorted rate 5-digit packages for the same 5-digit ZIP Code that could not be placed on a merged 5-digit pallet, or 5-digit scheme ([L007](#)) packages (automation rate and copackaged automation and Presorted rate pieces only). Five-digit scheme packages are assigned to 5-digit pallets according to the OEL "label to" 5-digit ZIP Code.
- (1) Line 1: use city, state, and 5-digit ZIP Code destination (see [M031](#) for military mail).
 - (2) Line 2: "STD FLTS 5D"; followed by "BARCODED" or "BC" if the pallet contains automation rate mail; followed by "NONBARCODED" or "NBC" if the pallet contains Presorted rate mail.
- f. *5-Digit Metro*. Optional. May contain carrier route, automation, and Presorted rate packages for the 5-digit ZIP Codes listed in [L006](#), Column A, and for the 3-digit ZIP Code areas listed in [L006](#), Column B.
- (1) Line 1: use [L006](#), Column C.
 - (2) Line 2: "STD FLTS" followed by "METRO" or "MET"; followed by "BARCODED" or "BC" if the pallet contains automation rate mail; followed by "NONBARCODED" or "NBC" if the pallet contains Presorted rate and/or carrier route mail.
- g. [\[1-9-03\]](#) *3-Digit*. Optional. Effective April 30, 2003, not permitted for packages with 3-digit ZIP Code prefixes indicated by an "N" in [L002](#). May contain carrier route rate, automation rate, and Presorted rate mail.
- (1) Line 1: use [L002](#), Column A.
 - (2) Line 2: "STD FLTS 3D"; followed by "BARCODED" or "BC" if the pallet contains automation rate mail; followed by "NONBARCODED" or "NBC" if the pallet contains Presorted rate mail and/or carrier route rate mail.
- h. *SCF*. Required. May contain carrier route rate, automation rate, and Presorted rate packages.
- (1) Line 1: use [L002](#), Column C.
 - (2) Line 2: "STD FLTS SCF"; followed by "BARCODED" or "BC" if the pallet contains automation rate mail; followed by "NONBARCODED" or "NBC" if the pallet contains Presorted rate mail and/or carrier route rate mail.



- i. [2-6-03] *ASF*. Required, except that an ASF sort may not be required if using package reallocation under [M045.5.0](#). May contain carrier route rate, automation rate, and/or Presorted rate packages. Sort ADC packages to ASF pallets based on the “label to” ZIP Code for the ADC destination of the package in [L004](#). At the mailer’s option, sort appropriate mixed ADC packages to ASF pallets based on the “label to” ZIP Code for the ADC destination of the package in [L802](#). All optional mixed ADC packages on ASF pallets must contain only pieces destinating within the ASF as shown in [E650 Exhibit 5.1](#). See [E650.5.0](#) for additional requirements for DBMC rate eligibility.
- (1) Line 1: use [L602](#).
 - (2) Line 2: “STD FLTS ASF”; followed by “BARCODED” or “BC” if the pallet contains automation rate mail; followed by “NONBARCODED” or “NBC” if the pallet contains Presorted rate mail and/or carrier route rate mail.
- j. [2-6-03] *BMC*. Required. May contain carrier route rate, automation rate, and/or Presorted rate packages. Sort ADC packages to BMC pallets based on the “label to” ZIP Code for the ADC destination of the package in [L004](#). At the mailer’s option, sort appropriate mixed ADC packages to BMC pallets based on the “label to” ZIP Code for the ADC destination of the package in [L802](#). All optional mixed ADC packages on BMC pallets must contain only pieces destinating within the BMC as shown in [E650 Exhibit 5.1](#). See [E650.5.0](#) for additional requirements for DBMC rate eligibility.
- (1) Line 1: Use [L601](#).
 - (2) Line 2: “STD FLTS BMC”; followed by “BARCODED” or “BC” if the pallet contains automation rate mail; followed by “NONBARCODED” or “NBC” if the pallet contains Presorted rate mail and/or carrier route rate mail.