DSF²® PRODUCT
LICENSEE PERFORMANCE REQUIREMENTS

1. *General*

    1.1   There are over 165 million address records in the United States Postal Service® address database. The DSF²® Product identifies whether a ZIP + 4® coded address is currently represented in the USPS® delivery point file as a known address. This product will derive other address attributes using individual tables. Address attributes include are: Seasonal indicator, Vacant indicator, Delivery mode type indicator, Residential indicator, Business indicator, Drop indicator, Drop count, Locatable Address Conversion System (LACS) indicator, No-stats indicator and Address throwback indicator. A CASS Certified™ ZIP + 4 address-matching product matches and standardizes addresses within a range of addresses. Incorporating the DSF² product with your ZIP + 4 system takes it one step further and identifies the address as a known USPS address record. The DSF² Product allows users to identify potential addressing issues that may cause problems with delivery. Correcting potential addressing issues can reduce the number of undeliverable-as-addressed (UAA) pieces, which in turn will result in more efficient mail processing and delivery.

    1.2   To achieve DSF² certification, the Licensee must comply with all requirements and specifications contained within the License Agreement, the most current version of this document, and the most current version of the Interface Developers Guide unless explicitly allowed, prohibited, or modified by USPS in writing. Copies of this document and updates to the License Agreement and Certification Procedures is posted on the PostalPro website at: https://postalpro.usps.com/address-quality/dsf2.

    1.3   DSF² does not return information regarding the specific business, owners, occupants, or residents of a specific address, and does not confirm if they reside at that specific address.

2. *Purpose*

    2.1   The purpose of the performance requirements is to enhance the processing and delivery of mail and provide mutual cost reduction opportunities through improved efficiency by ensuring USPS customers have access to the following address list services:

- Acceptable standardization and address matching services
- Detection of potential undeliverable addresses (excluding change of address)
- Delivery sequence information for existing addresses in the mailer's file
- Address-level attributes

2.2   Another purpose of the performance requirements is to establish standard performance and service criteria for DSF² licensed service providers.

3. Product Description and Definition

3.1   DSF² utilizes secure datasets that include representations of known addresses and address attributes. The input to the DSF² process is in the form of a 9-digit ZIP + 4 code and a parsed address. The hash tables are secure data sets that will only provide *Y*, *D*, *S*, *N*, or blank answers, (e.g., Is 123 Main St a known USPS address record?). Refer to Exhibit B for descriptions of these codes.

3.2   Base DSF² tables are about 500 MB and require extensive programming by the Licensee to interface with ZIP + 4 matching software. In addition to these tables, there are 16 separate hash tables used to return various address attributes (refer to Exhibit I). The eLOT® product and the Delivery Statistics product are required to perform the DSF² Licensed Service. Each Licensee shall be responsible for integrating the DSF² table, the address attribute tables, eLOT, and Delivery Statistics data sets used in fulfillment of the DSF² Licensed Service.

4. Fulfillment

4.1   DSF² updates will be provided monthly via Electronic Product Fulfillment (EPF). There will be no more than two iterations of the monthly products available via EPF. Thus the two most recent product releases will be available for download.

5. General Requirements

5.1   Licensee is responsible for providing all necessary interface software.

5.2   DSF² Licensee's matching software must adhere to specific USPS® guidelines regarding the services as well as to matching rules and specifications herein.

   5.2.1   Licensee must obtain CASS™ certification for ZIP + 4 processing prior to DSF² licensing.

   5.2.2   In addition, Licensee will be tested periodically using a test address file similar to CASS.

5.3   The USPS may consider an additional agreement to allow the use of DSF² outside of CASS Certified operations and for non-mailing purpose. In these cases, the users will be required to demonstrate to the satisfaction of USPS that they warrant this consideration.

5.4   The Licensee shall not export the DSF² product outside the boundaries of the United States of America or its territories.

5.5   In conjunction with services to be performed as a Licensee of the USPS, Licensee agrees that any and all data, source code, or information received from USPS or otherwise obtained or developed in the course of, or as the result of the performance of such services shall:

   5.5.1   be kept in strict confidence and shall not be disclosed in any manner to any organization (including professional societies) other than USPS until released of such obligation by the contracting officer in writing, and

   5.5.2   when in the Licensee's possession, be provided with adequate physical, technical and administrative safeguards to prevent unauthorized access, disclosure, misuse, or attention.

5.6   Customer education shall be the Licensee's responsibility.

   5.6.1   The Licensee will ensure its customers understand the DSF² process and interface.

   5.6.2   The Licensee must provide a DSF² product fact sheet to each customer who wishes to subscribe. The fact sheet must explain the product in detail and be approved by USPS.

   5.6.3   Licensee's customers requiring technical information must contact a customer service group managed by the Licensee.

5.7   If operating on a network, the interface system must be in an environment both physically and electronically secure to prevent unauthorized use.

5.8   The Licensee shall be capable of processing electronic product updates to obtain the various data sets and product files. Exhibit I provides a listing of the address attribute tables and other files available in the DSF² Product.

5.9   The Licensee will synchronize the ZIP + 4 product with the DSF² updates, as soon as both are available, to provide the best up-to-date addresses and attribute data.

5.9.1 To obtain the best results from the DSF^2 process, USPS recommends the Licensee utilize a monthly release of the ZIP + 4 product.

5.9.2 The Licensee shall coordinate the update of DSF^2 tables with the equivalent release of the ZIP + 4 file.

5.10 USPS-supplied DSF^2 updates more than 60 days old shall be destroyed using common practice for disposal of sensitive materials, such as permanent file deletion.

5.11 Licensee shall establish a central email address for receipt and disbursement of USPS electronic correspondence within Licensee's organization.

6 *Specific Requirements*

6.1 In accordance with the License Agreement between USPS and Licensee, DSF^2 shall be used to identify legitimately obtained addresses only, and shall not be used for the purpose of artificially creating address lists. The written agreement between the Licensee and the customer shall also include this same restriction against using DSF^2 to artificially create address lists. Continuing use of DSF^2 requires compliance with all terms of the License Agreement.

6.2 **Internet or Online Lookup System Restrictions**

6.2.1 Where DSF^2 Licensed Materials are used in an online format, the information returned to the inquiring system shall be limited to the following address elements only:

6.2.1.1 Confirmation of whether the input address is a known USPS address

6.2.1.2 Confirmation of whether the input address is a CMRA location

6.2.2 No online inquiry system, regardless of inquiry origination, shall provide the extended address attributes listed in Exhibit I.

6.2.3 Where DSF^2 Licensed Materials are used in an online interface environment, the host DSF^2 Licensee shall design the interface to prevent unauthorized access from anonymous sources. Licensees providing online inquiry capability shall know their end users and shall not respond to inquiries from unknown users.

6.2.4   In the implementation of DSF² Licensed Materials in an online environment, the DSF² Licensee shall take all steps necessary to prevent the potential misuse of the DSF² licensed materials from users attempting to automate the submission of addresses to the online inquiry system in a simulated manual-entry mode. Licensees shall have a management process to monitor the volume of inquiries made through their online system interface and identify that no obvious simulation of manual entry is occurring.

6.2.5   Performance statistics shall separately identify inquiries made via an online inquiry mode versus batch processing mode within the DSF² Monthly Statistics File Report layout (Exhibit F). The Licensee shall accumulate all online inquiry statistics by customer during a calendar month and report as one transaction record in the Monthly Statistics File Report.

6.3   A Licensee or software developer writing an interface to DSF² tables must first ensure the address list is processed through USPS CASS Certified software to obtain a 9-digit ZIP Code™ and a parsed address immediately prior to the DSF² process.

6.3.1   The DSF² process only identifies known address records; it cannot assign a ZIP + 4 code, nor will it respond to a non-ZIP + 4 coded address.

6.3.2   The Licensee must maintain the current performance standard required for CASS certification as defined by the most current CASS cycle.

6.3.3   The interface must be reviewed, tested, and approved by USPS prior to any actual DSF² processing occurring in a production environment.

6.3.4   After review, USPS will provide the Licensee with written approval or rejection of the proposed interface system.

6.3.5   Licensee will design a process that will cause the DSF² interface to stop working when the DSF² data has aged more than 60 days from the product date.

6.4   **Statistics Capture and Reporting**

6.4.1   The Licensee shall develop a statistics capture program to collect processing data associated with the performance of the DSF² Licensed Service.

6.4.1.1   This program will capture as a minimum the items identified in the DSF² Monthly Statistics Report File layout shown in Exhibit F.

6.4.1.2   DSF² Licensees shall ensure that every address attribute table is logically probed to establish every applicable address attribute for each processed record. This shall occur regardless of whether the address attributes were requested by the customer and shall be reported in the Statistics Record for each processing run.

6.4.2   The statistics capture must be completed during each run.

6.4.3   The Licensee will collect statistic files from all runs and prepare them for sending to USPS on a monthly basis.

6.4.4   The Licensee-developed statistics capture program must include a customer number assigned by the Licensee. The customer number will consist of a unique six-digit numeric or alphanumeric value. Multiple customers in the same company shall have unique customer numbers.

6.4.5   DSF² monthly reports begin on the first day of the month and terminate on the last day of the month. The reports will be maintained and made available for Postal Service review for a period of five (5) years at Licensee's facility. The file must be named using the following naming convention: [*Licensee Number*][*mmyy*].dat (e.g., 12340201.dat). Licensee shall submit reports within seven (7) calendar days of the month to the National Customer Support Center, Memphis TN. The electronic file layout is provided as Exhibit F.

6.5   DSF² Licensed Service providers must perform at least 51 percent of their list processing on behalf of commercial customers and must limit processing of their own lists to no more than 49 percent of the total usage.

6.6   Licensees will provide footnotes identified in Exhibit B to their customers.

6.7   Licensee is responsible for distributing license related electronic correspondence from USPS to appropriate personnel within Licensee's organization. Pursuant to paragraph 5.11, all electronic correspondence will be directed to a central email address within the Licensee's organization. The email address must be ncscinfo@<yourcompany.com>. In the event that this address is already assigned for some other purpose, an alternate address must be submitted to USPS for

approval. Licensee will subsequently distribute all applicable USPS notifications internally to ensure receipt by the proper staff. Such correspondence will also be sent to the pertinent contacts provided during the application process. However in the event of "bounce-backs", successful delivery via the central address will be considered confirmation of receipt.

7 *False Positive Reporting and Stop Processing*

7.1 Per the License Agreement, the DSF² product shall not be used to facilitate the creation of address lists artificially.

7.2 To detect conditions when address records appear to be the result of artificial manufacture, and not legitimately obtained, a table of artificially manufactured addresses is provided as part of the product. These addresses reside in the false positive table (dph.hsf). For each negative response that occurs in a query of the *A* hash table (dph.hsa), a query must be made to the False Positive table.

7.3 The Licensee shall design or purchase a design for a false positive reporting and stop processing function.

7.4 **DSF² Licensed Service Provider**

7.4.1 Any time an address encounters a match to the False Positive table, the Licensee may continue processing, but must notify USPS immediately of the customer's name and address using the file description identified in DSF² False Positive File Layout (Exhibit A). Upon completion of processing, Licensee may return the list(s) to the customer without further notification from USPS.

7.4.2 The Licensee shall notify USPS immediately of the customer's name and address using the file description as identified in the DSF² False Positive File Layout (Exhibit A). The Licensee must transfer a file containing the affected addresses from each address list to Dsf2stop@usps.gov with the subject line *DSF² False Positive.*

7.4.3 USPS reserves the right to require a Licensee to suspend a customer's ability to perform processing when multiple incidents of artificial address detection occur.

7.4.4 The following error code explanation regarding the stop processing function shall be placed in all documentation provided to the customer regarding a false positive match:

"During the processing of your list, an artificially created address was detected. In accordance with the License Agreement between USPS and <<Licensee>>, this USPS product shall be used to process legitimately obtained addresses only, and shall not be used for the purpose of artificially creating address lists. Continuing use of this product requires compliance with all terms of the License Agreement. If the customer believes this address was identified in error, contact the Licensee."

7.5 Whenever there is a 49 percent or greater difference between ZIP + 4 file matches and DSF² file matches in a processed mail list, the occurrence must be reported to Dsf2stop@usps.gov (see Calculating Percentages for the DSF² False Positive Header Record in Exhibit A). No stop processing is required. Upon completion of processing, Licensee may return the list(s) to the customer without further notification from USPS.

7.6 All DSF² False Positive reports must be maintained and made available for Postal Service review for a period of five (5) years at Licensee's facility.

8   Quality Standards and Testing Criteria

8.1 The DSF² Product is subject to periodic audit and evaluation by USPS to verify the Licensee's process and adherence to the conditions of the DSF² License Agreement. All audit files must be processed through the same DSF² system used for customer processing.

8.2 USPS will test the Licensee's processing system with a series of known and unknown delivery points to confirm the Licensee's ability to query DSF² and address attribute tables.

8.3 The audit test will also verify the false positive reporting and stop processing functionality of the interface.

8.4 In conjunction with CASS certification, this testing will be performed annually or whenever significant changes occur in any software component used within the ZIP

+ 4 or DSF² processes. In addition to CASS certification, USPS shall have the right to test the accuracy of the DSF² process at any time without advance notice.

8.5 Licensee will receive official notification of the audit results. Upon USPS approval, Licensee may receive confirmation to commence or continue provision of DSF² processing.

8.6 Applicants will be evaluated for accuracy of CASS assignments. For each test address correctly ZIP + 4 coded by their CASS process, the applicants must correctly answer and provide all DSF² elements with 100 percent accuracy of all presented records.

8.7 Licensee will receive data to test the DPV® interface for Stage I and II testing. This data shall only be used for Stage I and II testing and cannot be used in a production environment. This data will be clearly marked as 'test data.'

　　8.7.1 There is no expiration date on the test data and the data date will be composed of eight (8) 9's.

9 *Service Expectations*

9.1 **DSF² Licensed Service Provider**

Consistent with USPS expectations to provide a quality product, it is necessary for the Licensee to provide DSF² Licensed Service processing in a timely manner to reduce UAA mail. In the case where the Licensee has chosen to provide DSF² Licensed Service for itself or its customer, the resulting business arrangement to perform or provide DSF² Licensed Service processing shall constitute a binding agreement to adhere to the license requirements by both the Licensee and the customer.

　　9.1.1 The Licensee must process and return all customer mailing address list files within seven (7) business days of receipt unless a longer period is specified by the customer in writing. Business days are defined as Monday through Friday, excluding national holidays.

　　9.1.2 For each address submitted by a customer, the Licensee must be able to return the following output on the medium specified by the customer:

　　　　9.1.2.1 Each original mailing address as it was presented.

9.1.2.2 The standardized address appended with the correct ZIP + 4/DPC, other postal values as may be requested by the customer, and any other intelligence flags or footnotes that result from the CASS processing segment.

9.1.2.3 For each mailing address for which there is a match to DSF² as defined in this document, the Licensee shall be capable of providing each of the standard footnote codes as listed in Exhibit B and each of the standard information fields listed in Exhibit G. The Licensee shall assign all applicable standard footnote codes and standard information fields for the address.

9.1.2.4 For each mailing address for which there is not a match to DSF², Licensee shall return all elements as appropriate in 9.1.2.2 as well as any standard footnote codes in Exhibit B that may be appropriate. If a standardized address is not attainable, Licensee must comply with 9.1.2.1.

9.1.2.5 In the event that a problem related to the DSF² process is identified, USPS will, at its sole discretion, direct correction of the problem and/or exercise the suspension or termination provision of the license, as it deems appropriate.

9.1.2.6 If the customer's list is being processed for walk-sequence information, the Licensee must use eLOT service to get the walk sequence number. Specific information for this process is available in the current DSF² Interface Developer Guide under section *8 eLOT*).

9.1.3 Licensee shall charge the mailer a reasonable fee for this service.

9.1.4 Licensee must maintain the service expectation at 98 percent of a monthly-evaluated cycle as described in paragraph 9.1.1.

9.1.5 In the event that a problem is identified by USPS that is related to the Licensee's DSF² process, USPS will, at its sole discretion, direct Licensee to correct the problem, and/or USPS may exercise the suspension or termination provisions of the license, as it deems appropriate by the situation.

9.1.6   Licensee must provide each customer wishing to subscribe to the service, at the Licensee's expense, a DSF² Licensed Service product/service fact sheet that explains the service in detail. USPS must review and provide approval for the fact sheet prior to customer issuance. The fact sheet shall clearly and conspicuously state that the Licensee's price for DSF² services are not established, controlled, or approved by USPS or the United States Government.

9.1.7   Licensees will provide a DSF² Licensed Service Delivery Sequence Invoice Documentation report to customers who receive the DSF² Licensed Service to obtain the USPS walk-sequence discounts. Sample Report 1 in Exhibit E has the required report format.

9.2   Instructions for completing the DSF² Licensed Service Delivery Sequence Invoice Documentation (see Exhibit E for Sample Report 1 Notes).

9.2.1   The DSF² Licensed Service Delivery Sequence Invoice Documentation may be provided on the customer's tape or on hardcopy, as specified by the customer.

9.2.2   Licensees are required to present address files through the eLOT process, in addition to retrieving data from the Delivery Statistics File, to properly complete the DSF² Licensed Service Delivery Sequence Invoice Documentation.

EXHIBIT A
DSF² FALSE POSITIVE FILE LAYOUT

DSF² FALSE POSITIVE HEADER RECORD

FIELD REFERENCE NUMBERS	FIELD DESCRIPTION	LOGICAL LENGTH	RELATIVE POSITION FROM/THRU	CONTENT NOTES
1	MAILER'S COMPANY NAME	40	01 - 40	
2	MAILER'S ADDRESS LINE	58	41 - 98	
3	MAILER'S CITY NAME	28	99 - 126	
4	MAILER'S STATE NAME	02	127 - 128	
5	MAILER'S 9-DIGIT ZIP	09	129 - 137	
6	TOTAL RECORDS PROCESSED	09	138 - 146	
7	TOTAL RECORDS DSF² MATCHED	09	147 - 155	
8	TOTAL POTENTIAL ZIP + 4 RECORDS	09	156 - 164	
9	% MATCH RATE TO DSF²	09	165 - 173	
10	NUMBER OF ZIP CODES ON FILE	05	174 - 178	
11	NUMBER OF FALSE POSITIVES	02	179 - 180	

DSF² FALSE POSITIVE DETAIL RECORD

FIELD REFERENCE NUMBERS	FIELD DESCRIPTION	LOGICAL LENGTH	RELATIVE POSITION FROM/THRU	CONTENT NOTES
1	STREET PRE-DIRECTIONAL	02	01 - 02	
2	STREET NAME	28	03 - 30	
3	STREET SUFFIX ABBR	04	31 - 34	
4	STREET POST-DIRECTIONAL	02	35 - 36	
5	ADDRESS PRIMARY NUMBER	10	37 - 46	
6	ADDRESS SECONDARY ABBR	04	47 - 50	
7	ADDRESS SECONDARY NUMBER	08	51 - 58	
8	MATCHED ZIP CODE	05	59 - 63	
9	MATCHED PLUS 4	04	64 - 67	
10	FILLER	113	68 - 180	

Reference numbers 1–7 are from the input address.
References numbers 8 and 9 are from the matched records.

EXHIBIT A

DSF² FALSE POSITIVE FILE LAYOUT

FIELD DESCRIPTION DEFINITIONS

TOTAL RECORDS PROCESSED	The total number of records processed.
TOTAL RECORDS DSF² MATCHED	The total number of records that DSF² confirmed returning the DSF² return codes *D, S,* or *Y.*
TOTAL POTENTIAL ZIP + 4 RECORDS	The total number of ZIP + 4 matches obtained from the CASS Certified address matching portion of the process before going to DSF². All address matching engine records with a Standard Footnote code *AA* make up this total.
% MATCH RATE TO DSF²	Determined by dividing the TOTAL RECORDS DSF² MATCHED by the TOTAL POTENTIAL ZIP + 4 RECORDS. Take that number and multiply it by 100 giving the % MATCH RATE TO DSF².
NUMBER OF ZIP CODES ON FILE	The total number of ZIP codes on the file being processed.
NUMBER OF FALSE POSITIVES	The total number of false positive records found in the false positive table (dph.hsf) when processed through DSF².

CALCULATING PERCENTAGES FOR THE DSF² FALSE POSITIVE HEADER RECORD

Formulas

- *% MATCH RATE TO DSF² = (TOTAL RECORDS DSF² MATCHED ÷ TOTAL POTENTIAL ZIP + 4 RECORDS*) x 100

Examples

If
    TOTAL POTENTIAL ZIP + 4 RECORDS =   703,156
    TOTAL RECORDS DSF² MATCHED =   658,679

Then
    % MATCH RATE TO DSF² = 658,679 ÷ 703,156 = 0.93675 x 100 = <u>93.68%</u>

Note: Confirm that the *% MATCH RATE TO DSF²* is greater than 49% (93.68% > 49%). If the results produce **a false condition (?% ≤ 49%)**, notification must be made to USPS immediately at <u>Dsf2stop@usps.gov</u> using the *DSF² False Positive Header Record Layout* (Exhibit A)

       This Requirement does not apply to Service Providers using MASS MLOCR equipment as outlined in 7.11.1.

EXHIBIT A

DSF² FALSE POSITIVE FILE LAYOUT

OPTIONAL DSF² FALSE POSITIVE NOTIFICATION FOR MASS™
MLOCR EQUIPMENT PROCESSES

Service providers using MASS MLOCR equipment can capture images of mailpieces that cause False Positive table matches. The providers must send these captured images to USPS as described in 7.5.2 with the following MLOCR Owner's information:

1. Service Bureau name

2. Address

3. City name

4. State

5. 9-digit ZIP Code

6. Equipment ID

7. Run ID of the False Positive match as it occurred (if known)

8. Date of the False Positive match

9. Time of the False Positive match

10. Return address on the mailpiece

EXHIBIT B

RETURN CODES

Return Code	Description
Y	Address was DPV/DSF² confirmed for both primary and secondary (if present) numbers.
D	Address was DPV/DSF² confirmed for the primary number only. Secondary information was missing.
S	Address was DPV/DSF² confirmed for the primary number only and the secondary number information was present but invalid, or a single trailing alpha on a primary number was dropped to make a DPV/DSF² match.
N	Primary number failed to DPV/DSF² confirm.
Blank	Address was not presented to DPV/DSF².

ENHANCED RETURN CODES

Return Code	Description
Y	Address was DPV/DSF² confirmed for primary/secondary components necessary to determine a valid delivery point.
D	Address was DPV/DSF² confirmed for the primary number only, and the secondary number information was missing.
S	Address was DPV/DSF² confirmed for the primary number only, the secondary number information was present but not confirmed or a single trailing alpha on a primary number was dropped to make a DPV/DSF² match and secondary information required.
N	Primary number failed to DPV/DSF² confirm.
R	Address confirmed but assigned to phantom route R777 or R779 and USPS delivery is not provided.
Blank	Address not presented to DPV/DSF².

STANDARD FOOTNOTES

Standard footnotes shall be provided to customers on request.

Footnote Code	Description
AA	Input Address Matched to the ZIP + 4 file
A1	Input Address Not Matched to the ZIP + 4 file
BB	Input Address Matched to DPV (all components)
CC	Input address primary number matched, secondary number not matched, secondary number not required
F1	Input Address Matched to a Military Address
G1	Input Address Matched to a General Delivery Address
N1	Input address primary number matched to DPV but address missing confirmed secondary number
M1	Input Address Primary Number Missing
M3	Input Address Primary Number Invalid
P1	Input Address RR, or HC Box number Missing
P3	Input Address PO, RR, or HC Box number Invalid
PB	Input Address Matched to a PBSA Record (Carrier Route C770 through C779)

RR	Input Address Matched to CMRA and PMB designator present (PMB 123 or #123)
R1	Input Address Matched to CMRA but PMB designator not present (PMB 123 or #123)
R7	Addresses that are assigned to a phantom route of R777 or R779
U1	Input Address Matched to a Unique ZIP Code
TA	Input address primary number matched by dropping trailing alpha
IA	Informed address identified
C1	Input address primary number matched, secondary number not matched; secondary number required

When there is a *No Delivery Type on Match* condition:

If you receive Return Codes *BB* or *CC* with no delivery type, move *N1* to DPV/DSF². The exception is PO, RR, and HC Box records where you retain the *BB* or *CC* codes.

DPV/DSF² identifies the address when there is a High-rise record missing from the database. If there are only records with secondary information and no High-rise default, DPV/DSF² will make a High-rise default record with no delivery type and identify that record. This will also be done on street records with secondary information but no default record in the database. **This does not apply to PO, RR, and HC Box records.**

Footnote *N1* does not apply to PO, RR and HC Box records. Move the N1 on high-rise and street records when the delivery type is blank.

When a match has been made in the address matching software, move *Y* to the DPV/DSF² return code and spaces to all other flags for footnotes *F1*, *G1*, and *U1*.

EXHIBIT B

STANDARD FOOTNOTES

Footnote *RR* vs. *R1* – Use *R1* if the original input contains a pound sign (#) and a secondary number, but during the address matching process a match is made to a ZIP + 4 that changes the # to a unit designator.

Example:

Input: CMRA To Go
                            130 Skyline Dr #16
                            Memphis TN 38119

There is no PMB information on this record; return the R1 footnote.

ZIP + 4 Match: CMRA TO GO
                            130 SKYLINE DR STE 16
                            MEMPHIS TN 38119-1234

There is PMB information on this record; return the RR footnote.

ZIP + 4 Match: CMRA TO GO
                            130 SKYLINE DR #16
                            MEMPHIS TN 38119-1234

Footnotes are for +4 matching and DPV/DSF². Do not use footnotes for Early Warning System (EWS) matches.

EXHIBIT C

DOUBLE POUND SIGNS (#)

When you are trying to match to an address that contains double pound signs (e.g., 123 Main Street #123 #456), if you match to either of the secondary address components in DPV/DSF², you will return *Y.*

See *Grading Issues* on the PostalPro website at: https://postalpro.usps.com/storages/2016-12/2442__003min.pdf for details on Double # matching.

ABBREVIATED ALIASES

Software can return the street name or the abbreviated alias.

IDENTIFY A SECONDARY OF #0

To identify a secondary of *#0,* the match must be made to a high-rise exact record and a significant leading zero in the secondary before you return *Y* and footnote *AABB.* Otherwise, you must return an *S* and footnote *AACC.*

EXHIBIT D

RETURN CODES AND FOOTNOTES WITH SUGGESTIONS FOR MAILERS

DPV Return Code	Footnote Code	Suggestion
N	AA	Verify the address. The CASS Certified software engine was able to obtain a +4 code from the ZIP + 4 file, but it cannot confirm the address during the DPV process. A ZIP + 4 code is not returned.
N	AA M1	Verify the Primary Number. The CASS Certified software engine was able to obtain a +4 code from the ZIP + 4 file, but it cannot confirm the primary number during the DPV process. A ZIP + 4 code is not returned.
N	AA M3	Verify the Primary Number. The CASS Certified software engine was able to obtain a +4 code from the ZIP + 4 file, but it cannot confirm the primary number during the DPV process. A ZIP + 4 code is not returned.
N	AA P1	Verify the Box Number – RR or HC Box number missing. The CASS Certified software engine was able to obtain a +4 code from the ZIP + 4 file, but it cannot confirm the box number during the DPV process. A ZIP + 4 code is not returned.
N	AA P3	Verify the Box Number – PO, RR or HC Box number present. The CASS Certified software engine was able to obtain a +4 code from the ZIP + 4 file, but it cannot confirm the box number during the DPV process. A ZIP + 4 code is not returned.
Y	AA BB	No action needed. The CASS Certified software engine was able to obtain a +4 code from the ZIP + 4 file, and it confirmed all address components during the DPV process. A ZIP + 4 code is returned.
Y	AA BB RR	No action needed. The CASS Certified software engine was able to obtain a +4 code from the ZIP + 4 file, and it confirmed this CMRA with PMB address during the DPV process. A ZIP + 4 code is returned.
Y	AA BB R1	The address validated. The CASS Certified software engine was able to obtain a +4 code from the ZIP + 4 file, and it confirmed this CMRA address without PMB information during the DPV process. A ZIP + 4 code is returned.
Y	AA F1	The CASS Certified software engine was able to obtain a +4 code from the ZIP + 4 file for this Military address, and it automatically flagged this as a confirmed DPV record. A ZIP + 4 code is returned. Move Y to DPV return code and spaces to all other flags.
Y	AA G1	The CASS Certified software engine was able to obtain a +4 code from the ZIP + 4 file for this General Delivery address, and it automatically flagged this as a confirmed DPV record. A ZIP + 4 code is returned. Move Y to DPV return code and spaces to all other flags.
Y	AA U1	The CASS Certified software engine was able to obtain a +4 code from the ZIP + 4 file for this Unique ZIP, and it automatically flagged this as a confirmed DPV record. A ZIP + 4 code is returned. Move Y to DPV return code and spaces to all other flags.
S	AA CC	Verify secondary information. The CASS Certified software engine was able to obtain a +4 code from the ZIP + 4 file, but it cannot confirm the secondary information during the DPV process. A ZIP + 4 code is returned.
S	AA CC RR	Verify secondary information. The CASS Certified software engine was able to obtain a +4 code from the ZIP + 4 file, and it confirmed this CMRA with PMB address during the DPV process but the secondary information cannot be confirmed. A ZIP + 4 code is returned.

EXHIBIT D

RETURN CODES AND FOOTNOTES WITH SUGGESTIONS FOR MAILERS

DPV Return Code	Footnote Code	Suggestion
S	AA CC R1	Verify secondary information. The CASS Certified software engine was able to obtain a +4 code from the ZIP + 4 file, and it confirmed this CMRA address without PMB information during the DPV process although the information is not required for USPS delivery. A ZIP + 4 code is returned.
D	AA N1	Verify secondary information – is missing. The CASS Certified software engine was able to obtain a +4 code from the ZIP + 4 file, and it confirmed the primary number (but not the secondary number) for this address during the DPV process. A ZIP + 4 code is returned.
D	AA N1 RR	Verify secondary information – is missing. The CASS Certified software engine was able to obtain a +4 code from the ZIP + 4 file, and it confirmed this CMRA address with PMB information and correct secondary number during the DPV process. A ZIP + 4 code is returned.
D	AA N1 R1	Verify secondary information – is missing. The CASS Certified software engine was able to obtain a +4 code from the ZIP + 4 file, and it confirmed this CMRA address without PMB information during the DPV process although the information is not required for USPS delivery. A ZIP + 4 is returned.
Blank	A1 M1	Verify the Primary Number – is missing. The CASS Certified software engine was not able to obtain a +4 code from the ZIP + 4 file, and the record was not submitted to the DPV process. A ZIP + 4 code is not returned.
Blank	A1 M3	Verify the Primary Number – not a valid number. The CASS Certified software engine was not able to obtain a +4 code from the ZIP + 4 file, and the record was not submitted to the DPV process. A ZIP + 4 code is not returned.
Blank	A1	Verify the address – is incorrect. The CASS Certified software engine was not able to obtain a +4 code from the ZIP + 4 file, and the record was not submitted to the DPV process. A ZIP + 4 code is not returned.
Blank	AA	Verify the address. The CASS Certified software engine was able to match to a non-deliverable record on the ZIP + 4 file. Since the record is non-deliverable, a ZIP + 4 code is not returned.
N	AA M3 R7	Verify the Primary Number is not a valid number. The CASS Certified software engine was not able to obtain a +4 code from the ZIP + 4 file, and the record was not submitted to the DPV process. A ZIP + 4 code is not returned. The primary number is in a range in Carrier Route of R777.
D	AA N1 R7	Verify secondary information is missing. The CASS Certified software engine was able to obtain a +4 code from the ZIP + 4 file, and the address is in Carrier Route R777.
Y	AA BB R7	No action needed. The CASS Certified software engine was able to obtain a +4 code from the ZIP + 4 file, and it confirmed all address components during the DPV process. A ZIP + 4 code is returned. The address is in Carrier Route R777.
S	AA CC R7	Verify secondary information. The CASS Certified software engine was able to obtain a +4 code from the ZIP + 4 file, but it cannot confirm the secondary information during the DPV process. A ZIP + 4 code is returned. The address is in Carrier Route R777.
Y	AA BB PB	Verify secondary information. The CASS Certified software engine was able to obtain a +4 code from the ZIP + 4 file, but it cannot confirm the secondary information during the DPV process. A ZIP + 4 code is returned. The address is in Carrier Route R777.

EXHIBIT E

DSF² LICENSED SERVICE DELIVERY SEQUENCE INVOICE DOCUMENTATION

SAMPLE REPORT 1

SAMPLE REPORT 1

_____
(LICENSEE NAME)

*SITE LOCATION: _____

DSF^2 LICENSED SERVICE DELIVERY SEQUENCE INVOICE DOCUMENTATION

_____ has been provided DSF^2 Licensed Service on _____ for the following routes:
(MAILER'S NAME)   (DATE)

ZIP CODE (NOTE 1)	CARRIER ROUTE (NOTE 2)	TOTAL ACTIVE DELIVERIES (NOTE 3)	TOTAL RESIDENTIAL DELIVERIES (NOTE 4)	TOTAL PIECES SEQUENCED		(%) ACTIVE DELIVERIES (NOTE 6)	(%) RESIDENTIAL (NOTE 7)	**QUALIFYING DISCOUNTS (NOTE 8)			
				CRRT (NOTE 5)	RES (NOTE 5A)			A	B	C	D
12345	C001	100	80	75	73	75	91	Y	N	Y	Y
12345	C002	300	200	175	170	58	85	Y	Y	N	N
12345	B001	1000	900	875	870	88	97	Y	Y	Y	Y
12345	R001	200	200	9	9	5	5	N	N	N	N

*NOTE: Licensees with multiple sites must provide full reporting for each installation

**QUALIFYING DISCOUNTS:

A = Carrier Route Discount
B = 125 Walk Sequence
C = 90% Residential Saturation Discount
D = 75% Total Active Saturation Discount

EXHIBIT E

SAMPLE REPORT 1 NOTES

Note 1   This column contains the 5-Digit Scheme ZIP Code.

Note 2   This column contains the Scheme Carrier Route.

Note 3   This column contains figures that are the sum of all active deliveries for the Carrier Route indicated in Note 2 according to the Delivery Statistics File. Active deliveries include residential, business, and PO Box addresses.

Note 4   This column contains figures indicating the total of all active residential deliveries for the Carrier Route shown in Note 2 according to the Delivery Statistics File.

Note 5   This column contains figures in Note 5, which represent the total number of input deliveries for the Carrier Route shown in Note 2 according to the Delivery Statistics File, and 5a, which is the total residential pieces sequenced.

Note 6   The figures in column 6 are calculated by dividing the column/row figure in column 5 (Note 5) by the column/row figure in column 3 (Note 3) and multiplying by 100. ((Note 5/ Note 3) * 100)

Note 7   The figure in column 7 is calculated by dividing the column/row figure in column 5a (Note 5) by the column/row figure in column 4 (Note 4) and multiplying by 100. (Note 5a/Note 4) * 100)

Note 8   **QUALIFYING DISCOUNTS**

A   To qualify for the Carrier Route Discount, a mailer must have 10 or more deliveries per carrier. If the column/row figure shown in column 5 (Note 5) is equal to or greater than 10, enter Y in this section. If the column/row figure shown in column 5 (Note 5) is less than 10, enter N.

B   To qualify for the 125-Piece (High Density) Walk-Sequence Discount, a mailer must have 125 or more deliveries per carrier. If the column/row figure shown in column 5 (Note 5) is equal to or greater than 125, enter Y in this section. If the column/row figure shown in column 5 (Note 5) is less than 125, enter N.

C   To qualify for the Saturation Walk-Sequence Discount, the mailing must contain 90 percent or more of the total residential deliveries per carrier or 75 percent or more of the total active deliveries per carrier, whichever is less. If the percentage calculated for column/row 7 (Note 7) is 90 percent or more then enter Y in column/row 8C (Note 8). If the percentage in column/row 7 (Note 7) is less than 90 percent, enter N in column/row 8C (Note 8).

D   To qualify for the Saturation Walk-Sequence Discount, the mailing must contain 90 percent or more of the total residential deliveries per carrier or 75 percent or more of the total active deliveries per carrier, whichever is less. If the percentage calculated for column/row 6 (Note 6) is 75 percent or more then enter Y in column/row 8D (Note 8). If the percentage in column/row 7 (Note 7) is less than 75 percent, enter N in column/row 8D (Note 8).

EXHIBIT F

		DSF[2] MONTHLY STATISTICS REPORT FILE LAYOUT Header Record (Page 1 of 7)	
RECORD FROM	**POSITION TO**	**FIELD NAME and DESCRIPTION**	**LENGTH**
1	40	DSF[2] License Name	40
41	44	DSF[2] License Number	4
45	52	Total Number of Detail Records	8
53	60	DSF[2] Report Version ID Populate with the Literal 'V0000004'	8
61	163	FILLER	103
		All count fields are sum of the corresponding detail records. - if the total is 100 billion or greater report the last 11 bytes.	
164	174	Total Records Presented – the total number of records submitted for DSF[2] Processing)	11
175	185	Total LACS Indicated – the total number of records matched with the LACS indicator set to "L" on the ZIP + 4 file.	11
186	196	Total ZIP + 4 Matched – the total number of records matched to the ZIP + 4 file	11
		ZIP + 4 File Match Statistics	
		The following fields (positions 191-280) are based on ZIP + 4 file matches. Each record should only be counted in one category (to the finest level). LACS indicated fields are based on the LACS status indicator in the ZIP + 4 file being a 'L'.	
197	207	Street (S) records matched	11
208	218	Street record LACS indicated	11
219	229	High-rise (H) records matched	11
230	240	High-rise record LACS indicated	11
241	251	PO Box (P) records matched	11
252	262	PO Box record LACS indicated	11
263	273	RR/HC (R) records matched	11
274	284	RR/HC record LACS indicated	11
285	295	Firm (F) records matched	11
296	306	General Delivery (G) matched	11

RECORD FROM	POSITION TO	FIELD NAME and DESCRIPTION	LENGTH
DSF[2] MONTHLY STATISTICS REPORT FILE LAYOUT **Header Record** **(Page 2 of 7)**		
		DPV/DSF[2] File Match Statistics	
307	317	Total Records DP Validated – is the sum of the records with a standard DPV Return Code of Y, S or D	11
		• *The following fields should be based on DPV/DSF[2] confirmed results (Y, S and D return codes).* • *Each record should only be counted in one category (to the finest level)*	
ZIP + 4 TYPE S - STREET LEVEL COUNTS		
318	328	**Street (S) Records Validated** – the total number of records DPV Confirmed as Street with a return code of Y, S or D.	11
		The following confirmed fields should be equal to or less than the total number of Street (S) records validated.	
329	339	CMRA confirmed – the total number of records confirmed with a 'Y' against the CMRA Table.	11
340	350	Drop confirmed – the total number of records confirmed with a 'Y' against the Drop Table.	11
351	361	Business confirmed – the total number of records confirmed with a 'Y' against the Business Table.	11
362	372	Throwback confirmed – the total number of records confirmed with a 'Y' against the Throwback Table.	11
373	383	Seasonal confirmed – the total number of records confirmed with a 'Y' against the Seasonal Table.	11
384	394	Educational confirmed – the total number of records confirmed with a 'Y' against the Educational Table.	11
395	405	Vacant confirmed – the total number of records confirmed with a 'Y' against the Vacant Table.	11
		The sum of records confirmed the following delivery type fields (Curb, NDCBU, Central, Other) must be equal to or less than the total number of Street Records Validated above.	
406	416	Curb confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 1 (Curb) Table.	11
417	427	NDCBU confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 2 (NDCBU) Table.	11
428	438	Central confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 3 (Central) Table.	11
439	449	Other confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 4 (Other) Table.	11
450	460	No-Stat confirmed – the total number of records confirmed with a 'Y" against the No-Stat table.	11

<table>
<tr><td colspan="4" align="center">DSF² MONTHLY STATISTICS REPORT FILE LAYOUT
Header Record
(Page 3 of 7)</td></tr>
</table>

RECORD FROM	POSITION TO	FIELD NAME and DESCRIPTION	LENGTH
		ZIP + 4 TYPE H - HIGH-RISE COUNTS	
461	471	**High-rise (H) Records Validated** – the total number of records DPV Confirmed as High Rise or High Rise Default with a return code of Y, S or D.	11
		The following confirmed fields should be equal to or less than the total number of High Rise or High Rise Default (H) records validated.	
472	482	CMRA confirmed – the total number of records confirmed with a 'Y' against the CMRA Table.	11
483	493	Drop confirmed – the total number of records confirmed with a 'Y' against the Drop Table.	11
494	504	Business confirmed – the total number of records confirmed with a 'Y' against the Business Table.	11
505	515	Throwback confirmed – the total number of records confirmed with a 'Y' against the Throwback Table.	11
516	526	Seasonal confirmed – the total number of records confirmed with a 'Y' against the Seasonal Table.	11
527	537	Educational confirmed – the total number of records confirmed with a 'Y' against the Educational Table.	11
538	548	Vacant confirmed – the total number of records confirmed with a 'Y' against the Vacant Table.	11
		The sum of records confirmed the following delivery type fields (Curb, NDCBU, Central, Other) must be equal to or less than the total number of records validated above.	
549	559	Curb confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 1 (Curb) Table.	11
560	570	NDCBU confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 2 (NDCBU) Table.	11
571	581	Central confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 3 (Central) Table.	11
582	592	Other confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 4 (Other) Table.	11
593	603	No-Stat confirmed – the total number of records confirmed with a 'Y" against the No-Stat table.	11
		ZIP + 4 TYPE P - PO BOX COUNTS	
604	614	**PO Box (P) records validated** – the total number of records DPV Confirmed as PO Box (P) with a return code of Y, S or D.	11
		The following confirmed fields should be equal to or less than the total number of PO Box (P) records validated.	
615	625	Business confirmed – the total number of records confirmed with a 'Y' against the Business Table.	11
626	636	Vacant confirmed – the total number of records confirmed with a 'Y' against the Vacant Table.	11

DSF2® PRODUCT
LICENSEE PERFORMANCE REQUIREMENTS

DSF² MONTHLY STATISTICS REPORT FILE LAYOUT **Header Record** **(Page 4 of 7)**
RECORD FROM	**POSITION TO**	**FIELD NAME and DESCRIPTION**		**LENGTH**
ZIP + 4 TYPE R - RR/HC COUNTS
637	647	**RR/HC (R) Records validated** – the total number of records DPV Confirmed as Rural Route or Highway Contract with a return code of Y.		11
		The following confirmed fields should be equal to or less than the total number of Rural Route or Highway Contract (R) records validated.		
648	658	CMRA confirmed – the total number of records confirmed with a 'Y' against the CMRA Table.		11
659	669	Drop confirmed – the total number of records confirmed with a 'Y' against the Drop Table.		11
670	680	Business confirmed – the total number of records confirmed with a 'Y' against the Business Table.		11
681	691	Throwback confirmed – the total number of records confirmed with a 'Y' against the Throwback Table.		11
692	702	Seasonal confirmed – the total number of records confirmed with a 'Y' against the Seasonal Table.		11
703	713	Educational confirmed – the total number of records confirmed with a 'Y' against the Educational Table.		11
714	724	Vacant confirmed – the total number of records confirmed with a 'Y' against the Vacant Table.		11
		The sum of records confirmed the following delivery type fields (Curb, NDCBU, Central, Other) must be equal to or less than the total number of records validated above.		
725	735	Curb confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 1 (Curb) Table.		11
736	746	NDCBU confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 2 (NDCBU) Table.		11
747	757	Central confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 3 (Central) Table.		11
758	768	Other confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 4 (Other) Table.		11
769	779	No-Stat confirmed – the total number of records confirmed with a 'Y" against the No-Stat table.		11
ZIP + 4 TYPE F - FIRM COUNTS
780	790	**Firm (F) Records Validated** – Total number of records DPV Confirmed as a Firm (F) with a return code of Y, S or D.		11
		The following confirmed fields should be equal to or less than the total number of Firm (F) records validated.		
791	801	CMRA confirmed – the total number of records confirmed with a 'Y' against the CMRA Table.		11
802	812	Drop confirmed – the total number of records confirmed with a 'Y' against the Drop Table.		11
813	823	Business confirmed – the total number of records confirmed with a 'Y' against the Business Table.		11

DSF²® PRODUCT
LICENSEE PERFORMANCE REQUIREMENTS

		DSF² MONTHLY STATISTICS REPORT FILE LAYOUT Header Record (Page 5 of 7)	
RECORD FROM	**POSITION TO**	**FIELD NAME and DESCRIPTION**	**LENGTH**
824	834	Throwback confirmed – the total number of records confirmed with a 'Y' against the Throwback Table.	11
835	845	Seasonal confirmed – the total number of records confirmed with a 'Y' against the Seasonal Table.	11
846	856	Educational confirmed – the total number of records confirmed with a 'Y' against the Educational Table.	11
857	867	Vacant confirmed – the total number of records confirmed with a 'Y' against the Vacant Table.	11
		The sum of records confirmed the following delivery type fields (Curb, NDCBU, Central, Other) must be equal to or less than the total number of records validated above.	
868	878	Curb confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 1 (Curb) Table.	11
879	889	NDCBU confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 2 (NDCBU) Table.	11
890	900	Central confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 3 (Central) Table.	11
901	911	Other confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 4 (Other) Table.	11
912	922	No-Stat confirmed – the total number of records confirmed with a 'Y" against the No-Stat table.	11
923	933	General Delivery Validated – the Total number of records DPV Confirmed as a General Delivery (G) with a return code of Y.	11
934	944	Total Primary Number Error – the total number of records with a primary number error	11
945	955	Street (S) Records Primary Error	11
956	966	High-rise (H) Records Primary Error	11
967	977	PO Box (P) Records Primary Error	11
978	988	RR/HC (R) Records Primary Error	11
989	999	Firm (F) Records Primary Error	11
1000	1010	Total Secondary Number Error – the total number of records with a secondary number error	11
1011	1021	Street (S) Records Secondary Error	11
1022	1032	High-rise (H) Records Secondary Error	11
1033	1043	Firm (F) Records Secondary Error	11
		Suite^Link COUNTS	
1044	1054	Suite^Link Return Code A – Match	11
1055	1065	Suite^Link Return Code 00 – No Match	11
		LACS^Link COUNTS	
1066	1076	LACS^Link Return Code A – Match	11
1077	1087	LACSLink Return Code 14 – Match: New Address would not convert at run time	11

RECORD FROM	POSITION TO	FIELD NAME and DESCRIPTION	LENGTH
DSF² MONTHLY STATISTICS REPORT FILE LAYOUT **Header Record** **(Page 6 of 7)**		
1088	1098	LACS^{Link} Return Code 92 – Secondary Number Dropped from Input Address	11
1099	1109	LACS^{Link} Return Code 00 – No Match	11
DPV RETURN CODE COUNTS		
1110	1120	Count of DPV Return Code = Y	11
1121	1131	Count of DPV Return Code = S	11
1132	1142	Count of DPV Return Code = D	11
1143	1153	Count of DPV Return Code = N	11
1154	1164	Count of DPV Return Code = BLANK	11
EXTENDED DPV RETURN CODE COUNTS		
1165	1175	Count of DPV Return Code = Y	11
1176	1186	Count of DPV Return Code = S	11
1187	1197	Count of DPV Return Code = D	11
1198	1208	Count of DPV Return Code = N	11
1209	1219	Count of DPV Return Code = BLANK	11
1220	1230	Count of DPV Return Code = R	11
DPV FOOTNOTE COUNTS		
1231	1241	AA – ZIP + 4® File Match.	11
1242	1252	A1 – ZIP + 4 File No Match	11
1253	1263	M1 – Primary Number missing	11
1264	1274	M3 – Primary Number invalid	11
1275	1285	P1 – Missing PO, RR or HC Box number	11
1386	1296	P3 – Invalid PO, RR or HC Box number	11
1997	1307	BB – DPV matched (all components)	11
1308	1318	RR – DPV matched to CMRA	11
1319	1329	CC – Primary Number Match – Secondary present but secondary not needed (extraneous information)	11
1330	1340	N1 – Input Address Primary Number matched to DPV but address missing confirmed secondary number	11
1341	1351	C1 - Input address Primary Number matched to DPV but Secondary not confirmed but required	11
1352	1362	R1 – DPV® matched to CMRA – PMB number not present	11
1363	1373	F1 – Military	11
1374	1384	U1 – Unique ZIP Code	11
1385	1395	G1 – General Delivery	11
1396	1406	IA – Informed Address Identified	11
1407	1417	TA – Input Address Primary Number Matched to DPV by dropping trailing alpha	11
1418	1428	PB – PBSA Record (Carrier Route C770 through C779)	11
1429	1439	R7 – Phantom Route of R777	11

RECORD FROM	POSITION TO	FIELD NAME and DESCRIPTION	LENGTH
DSF² MONTHLY STATISTICS REPORT FILE LAYOUT Header Record (Page 7 of 7)			
DPV ADDITIONAL INFORMATION COUNTS			
1440	1450	Count of DPV Vacant Flag = Y	11
1451	1461	Count of DPV CMRA Flag = Y	11
1462	1472	Count of DPV No Stat Flag = Y	11
1473	1483	Count of DPV No Stat Reason = 1 IDA (Internal Drop Address)	11
1484	1494	Count of DPV No Stat Reason = 2 CDS No-Stat	11
1495	1505	Count of DPV No Stat Reason = 4 CMZ (College, Military & Other Types)	11
1506	1516	Count of DPV No Stat Reason = 5 Regular No Stat	11
1517	1527	Count of DPV No Stat Reason = 6 Secondary Required	11
1528	1538	Count of DPV DNA (Door Not Accessible) Flag = 'Y'	11
1539	1549	Count of DPV NSL (No Secure Location) Flag = 'Y'	11
1550	1560	Count of DPV NDT (Non Delivery Type) Flag = 'Y'	11
1561	1571	Count of DPV NDD (Non Delivery Days) Flag = 'Y'	11
DSF² ADDITIONAL INFORMATION COUNTS			
1572	1582	Total Count Delivery Point Business Indicator = "Y"	11
1583	1593	Total Count Delivery Point Residence Indicator = "Y"	11
1594	1604	Total Count Delivery Point Drop Indicator = "Y"	11
1605	1615	Total Count Delivery Point Seasonal Indicator = "Y"	11
1616	1626	Total Count Delivery Point Seasonal/Educational Indicator = "Y"	11
1627	1637	Total Count Delivery Point Throwback Indicator = "Y"	11
1638	1648	Total Count Delivery Type Code is Curb	11
1649	1659	Total Count Delivery Type Code is NDCBU	11
1660	1670	Total Count Delivery Type Code is Central	11
1671	1681	Total Count Delivery Type Code is Other	11
1682	1692	Total Drop Count	11
1693	1703	Total LACS Indicator	11
1704	1799	FILLER	96
1800	1800	Header/Detail Indicator H = Header D = Detail	1
		CRLF at end of each record	
		All text fields should be left justified space filled.	
		All numeric fields should be right justified zero filled.	

RECORD FROM	POSITION TO	FIELD NAME and DESCRIPTION	LENGTH
DSF² MONTHLY STATISTICS REPORT FILE LAYOUT **Detail Record** **(Page 1 of 7)**
1	40	DSF² Licensee Name	40
41	44	DSF² Licensee Number	4
45	52	Year/Month/Day Report Date Numeric Format: YYYYMMDD This field is populated with the date the report was created.	8
53	60	Year/Month/Day Customer File Received Numeric Format: YYYYMMDD	8
61	68	Year/Month/Day Customer File Processed Numeric Format: YYYYMMDD	8
69	69	Access Mode O – Online Inquiry Processing B – Batch Processing	1
70	109	Customer Name	40
110	115	NAICS (North American Industry Classification System)	6
116	121	Customer Number	6
122	163	FILLER	42
164	174	Total Records Presented – the total number of records submitted for DSF² Processing)	11
175	185	Total LACS Indicated – the total number of records matched to the LACS flag on the ZIP + 4 file.	11
186	196	Total ZIP + 4 Matched – the total number of records matched to the ZIP + 4 file	11
		ZIP + 4 File Match Statistics	
		The following fields (positions 191-280) are based on ZIP + 4 file matches. Each record should only be counted in one category (to the finest level). LACS indicated fields are based on the LACS status indicator in the ZIP + 4 file being a 'L'.	
197	207	Street (S) records matched	11
208	218	Street record LACS indicated	11
219	229	High-rise (H) records matched	11
230	240	High-rise record LACS indicated	11
241	251	PO Box (P) records matched	11
252	262	PO Box record LACS indicated	11
263	273	RR/HC ® records matched	11
274	284	RR/HC record LACS indicated	11
285	295	Firm (F) records matched	11
296	306	General Delivery (G) matched	11

RECORD FROM	POSITION TO	FIELD NAME and DESCRIPTION	LENGTH
* across title *		**DSF² MONTHLY STATISTICS REPORT FILE LAYOUT** **Detail Record** **(Page 2 of 7)**	
		DPV/DSF² File Match Statistics	
307	317	Total Records DP Validated – is the sum of the records with a standard DPV Return Code of Y, S or D	11
		• *The following fields should be based on DPV/DSF² confirmed results (Y, S and D return codes).* • *Each record should only be counted in one category (to the finest level)*	
		ZIP + 4 TYPE S – STREET LEVEL COUNTS	
318	328	**Street (S) Records Validated** – the total number of records DPV Confirmed as Street with a return code of Y, S or D.	11
		The following confirmed fields should be equal to or less than the total number of Street (S) records validated.	
329	339	CMRA confirmed – the total number of records confirmed with a 'Y' against the CMRA Table.	11
340	350	Drop confirmed – the total number of records confirmed with a 'Y' against the Drop Table.	11
351	361	Business confirmed – the total number of records confirmed with a 'Y' against the Business Table.	11
362	372	Throwback confirmed – the total number of records confirmed with a 'Y' against the Throwback Table.	11
373	383	Seasonal confirmed – the total number of records confirmed with a 'Y' against the Seasonal Table.	11
384	394	Educational confirmed – the total number of records confirmed with a 'Y' against the Educational Table.	11
395	405	Vacant confirmed – the total number of records confirmed with a 'Y' against the Vacant Table.	11
		The sum of records confirmed the following delivery type fields (Curb, NDCBU, Central, Other) must be equal to or less than the total number of Street Records Validated above.	
406	416	Curb confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 1 (Curb) Table.	11
417	427	NDCBU confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 2 (NDCBU) Table.	11
428	438	Central confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 3 (Central) Table.	11
439	449	Other confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 4 (Other) Table.	11
450	460	No-Stat confirmed – the total number of records confirmed with a 'Y" against the No-Stat table.	11

DSF² MONTHLY STATISTICS REPORT FILE LAYOUT Detail Record (Page 3 of 7)			
RECORD FROM	**POSITION TO**	**FIELD NAME and DESCRIPTION**	**LENGTH**
ZIP + 4 TYPE H – HIGH-RISE COUNTS			
461	471	**High-rise (H) Records Validated** – the total number of records DPV Confirmed as High Rise or High Rise Default with a return code of Y, S or D.	11
		The following confirmed fields should be equal to or less than the total number of High Rise or High Rise Default (H) records validated.	
472	482	CMRA confirmed – the total number of records confirmed with a 'Y' against the CMRA Table.	11
483	493	Drop confirmed – the total number of records confirmed with a 'Y' against the Drop Table.	11
494	504	Business confirmed – the total number of records confirmed with a 'Y' against the Business Table.	11
505	515	Throwback confirmed – the total number of records confirmed with a 'Y' against the Throwback Table.	11
516	526	Seasonal confirmed – the total number of records confirmed with a 'Y' against the Seasonal Table.	11
527	537	Educational confirmed – the total number of records confirmed with a 'Y' against the Educational Table.	11
538	548	Vacant confirmed – the total number of records confirmed with a 'Y' against the Vacant Table.	11
		The sum of records confirmed the following delivery type fields (Curb, NDCBU, Central, Other) must be equal to or less than the total number of records validated above.	
549	559	Curb confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 1 (Curb) Table.	11
560	570	NDCBU confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 2 (NDCBU) Table.	11
571	581	Central confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 3 (Central) Table.	11
582	592	Other confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 4 (Other) Table.	11
593	603	No-Stat confirmed – the total number of records confirmed with a 'Y" against the No-Stat table.	11
ZIP + 4 TYPE P – PO BOX COUNTS			
604	614	**PO Box (P) records validated** – the total number of records DPV Confirmed as PO Box (P) with a return code of Y, S or D.	11
		The following confirmed fields should be equal to or less than the total number of PO Box (P) records validated.	
615	625	Business confirmed – the total number of records confirmed with a 'Y' against the Business Table.	11
626	636	Vacant confirmed – the total number of records confirmed with a 'Y' against the Vacant Table.	11

RECORD FROM	POSITION TO	FIELD NAME and DESCRIPTION	LENGTH
DSF² MONTHLY STATISTICS REPORT FILE LAYOUT **Detail Record** **(Page 4 of 7)**			
ZIP + 4 TYPE R – RR/HC COUNTS			
637	647	**RR/HC ® Records validated** – the total number of records DPV Confirmed as Rural Route or Highway Contract with a return code of Y.	11
		The following confirmed fields should be equal to or less than the total number of Rural Route or Highway Contract ® records validated.	
648	658	CMRA confirmed – the total number of records confirmed with a 'Y' against the CMRA Table.	11
659	669	Drop confirmed – the total number of records confirmed with a 'Y' against the Drop Table.	11
670	680	Business confirmed – the total number of records confirmed with a 'Y' against the Business Table.	11
681	691	Throwback confirmed – the total number of records confirmed with a 'Y' against the Throwback Table.	11
692	702	Seasonal confirmed – the total number of records confirmed with a 'Y' against the Seasonal Table.	11
703	713	Educational confirmed – the total number of records confirmed with a 'Y' against the Educational Table.	11
714	724	Vacant confirmed – the total number of records confirmed with a 'Y' against the Vacant Table.	11
		The sum of records confirmed the following delivery type fields (Curb, NDCBU, Central, Other) must be equal to or less than the total number of records validated above.	
725	735	**Curb confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 1 (Curb) Table.**	11
736	746	**NDCBU confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 2 (NDCBU) Table.**	11
747	757	**Central confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 3 (Central) Table.**	11
758	768	**Other confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 4 (Other) Table.**	11
769	779	**No-Stat confirmed – total number of records confirmed against the No-Stat table with a 'Y".**	11
ZIP + 4 TYPE F – FIRM COUNTS			
780	790	**Firm (F) Records Validated** – Total number of records DPV Confirmed as a Firm (F) with a return code of Y, S or D.	11
		The following confirmed fields should be equal to or less than the total number of Firm (F) records validated.	
791	801	CMRA confirmed – the total number of records confirmed with a 'Y' against the CMRA Table.	11
802	812	Drop confirmed – the total number of records confirmed with a 'Y' against the Drop Table.	11

		DSF² MONTHLY STATISTICS REPORT FILE LAYOUT **Detail Record** **(Page 5 of 7)**	
RECORD FROM	**POSITION TO**	**FIELD NAME and DESCRIPTION**	**LENGTH**
813	823	Business confirmed – the total number of records confirmed with a 'Y' against the Business Table.	11
824	834	Throwback confirmed – the total number of records confirmed with a 'Y' against the Throwback Table.	11
835	845	Seasonal confirmed – the total number of records confirmed with a 'Y' against the Seasonal Table.	11
846	856	Educational confirmed – the total number of records confirmed with a 'Y' against the Educational Table.	11
857	867	Vacant confirmed – the total number of records confirmed with a 'Y' against the Vacant Table.	11
		The sum of records confirmed the following delivery type fields (Curb, NDCBU, Central, Other) must be equal to or less than the total number of records validated above.	
868	878	Curb confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 1 (Curb) Table.	11
879	889	NDCBU confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 2 (NDCBU) Table.	11
890	900	Central confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 3 (Central) Table.	11
901	911	Other confirmed – the total number of records confirmed with a 'Y' against the Delivery Type 4 (Other) Table.	11
912	922	No-Stat confirmed – the total number of records confirmed with a 'Y" against the No-Stat table.	11
923	933	General Delivery Validated – the Total number of records DPV Confirmed as a General Delivery (G) with a return code of Y.	11
934	944	Total Primary Number Error – the total number of records with a primary number error	11
945	955	Street (S) Records Primary Error	11
956	966	High-rise (H) Records Primary Error	11
967	977	PO Box (P) Records Primary Error	11
978	988	RR/HC ® Records Primary Error	11
989	999	Firm (F) Records Primary Error	11
1000	1010	Total Secondary Number Error – the total number of records with a secondary number error	11
1011	1021	Street (S) Records Secondary Error	11
1022	1032	High-rise (H) Records Secondary Error	11
1033	1043	Firm (F) Records Secondary Error	11
		Suite^Link COUNTS	
1044	1054	Suite^Link Return Code A – Match	11
1055	1065	SuiteLink Return Code 00 – No Match	11

		DSF² MONTHLY STATISTICS REPORT FILE LAYOUT Detail Record (Page 6 of 7)	
RECORD FROM	**POSITION TO**	**FIELD NAME and DESCRIPTION**	**LENGTH**
		LACS^Link COUNTS	
1066	1076	LACS^Link Return Code A – Match	11
1077	1087	LACS^Link Return Code 14 – Match: New Address would not convert at run time	11
1088	1098	LACS^Link Return Code 92 – Secondary Number Dropped from Input Address	11
1099	1109	LACS^Link Return Code 00 – No Match	11
		DPV RETURN CODE COUNTS	
1110	1120	Count of DPV Return Code = Y	11
1121	1131	Count of DPV Return Code = S	11
1132	1142	Count of DPV Return Code = D	11
1143	1153	Count of DPV Return Code = N	11
1154	1164	Count of DPV Return Code = BLANK	11
		EXTENDED DPV RETURN CODE COUNTS	
1165	1175	Count of DPV Return Code = Y	11
1176	1186	Count of DPV Return Code = S	11
1187	1197	Count of DPV Return Code = D	11
1198	1208	Count of DPV Return Code = N	11
1209	1219	Count of DPV Return Code = BLANK	11
1220	**1230**	**Count of DPV Return Code = R**	11
		DPV FOOTNOTE COUNTS	
1231	**1241**	**AA – ZIP + 4® File Match.**	11
1242	**1252**	**A1 – ZIP + 4 File No Match**	11
1253	**1263**	**M1 – Primary Number missing**	11
1264	**1274**	**M3 – Primary Number invalid**	11
1275	**1385**	**P1 – Missing PO, RR or HC Box number**	11
1286	**1296**	**P3 – Invalid PO, RR or HC Box number**	11
1297	**1307**	**BB – DPV matched (all components)**	11
1308	**1318**	**RR – DPV matched to CMRA**	11
1319	**1329**	**CC – Primary Number Match – Secondary present but secondary not needed (extraneous information)**	11
1330	**1340**	**N1 – Input Address Primary Number matched to DPV but address missing confirmed secondary number**	11
1341	**1351**	**C1 – Input Address Primary Number matched to DPV but Secondary not confirmed but required**	11
1352	**1362**	**R1 – DPV® matched to CMRA – PMB number not present**	11
1363	**1373**	**F1 – Military**	11
1374	**1384**	**U1 – Unique ZIP Code**	11

		DSF² MONTHLY STATISTICS REPORT FILE LAYOUT Detail Record (Page 7 of 7)	
RECORD FROM	**POSITION TO**	**FIELD NAME and DESCRIPTION**	**LENGTH**
1385	1395	G1 – General Delivery	11
1396	1406	IA – Informed Address Identifier	11
1407	1417	TA – Input Address Primary Number Matched to DPV by dropping trailing alpha	11
1418	1428	PB – PBSA Record (Carrier Route C770 through C779)	11
1429	1439	R7 – Phantom Route of R777	11
		DPV ADDITIONAL INFORMATION COUNTS	
1440	1450	Count of DPV Vacant Flag = Y	11
1451	1461	Count of DPV CMRA Flag = Y	11
1462	1472	Count of DPV No Stat Flag = Y	11
1473	1483	Count of DPV No Stat Reason = 1 IDA (Internal Drop Address)	11
1484	1494	Count of DPV No Stat Reason = 2 CDS No-Stat	11
1495	1505	Count of DPV No Stat Reason = 4 CMZ (College, Military & Other Types)	11
1506	1516	Count of DPV No Stat Reason = 5 Regular No Stat	11
1517	1527	Count of DPV No Stat Reason = 6 Secondary Required	11
1528	1538	Count of DPV DNA (Door Not Accessible) Flag = 'Y'	11
1539	1549	Count of DPV NSL (No Secure Location) Flag = 'Y'	11
1550	1560	Count of DPV NDT (No Delivery Type) Flag = 'Y'	
1561	1571	Count of DPV NDD (Non Delivery Days) Flag = 'Y"	11
		DSF² ADDITIONAL INFORMATION COUNTS	
1572	1582	Total Count Delivery Point Business Indicator = "Y"	11
1583	1593	Total Count Delivery Point Residence Indicator = "Y"	11
1594	1604	Total Count Delivery Point Drop Indicator = "Y"	11
1605	1615	Total Count Delivery Point Seasonal Indicator = "Y"	11
1616	1626	Total Count Delivery Point Seasonal/Educational Indicator = "Y"	11
1627	1637	Total Count Delivery Point Throwback Indicator = "Y"	11
1638	1648	Total Count Delivery Type Code is Curb	11
1649	1659	Total Count Delivery Type Code is NDCBU	11
1660	1670	Total Count Delivery Type Code is Central	11
1671	1681	Total Count Delivery Type Code is Other	11
1682	1692	Total Drop Count	11
1693	1703	Total LACS Indicator	11
1704	1799	FILLER	96
1800	1800	Header/Detail Indicator H = Header D = Detail	1
CRLF at end of each record			
All text fields should be left justified space filled.			
All numeric fields should be right justified zero filled.			

EXHIBIT G

STANDARD RETURN INFORMATION

FIELD and DESCRIPTION	LENGTH
Address Sort Sequence Number	4
Address No-Statistic Indicator	1
Delivery Point Business Indicator	1
Delivery Point CMRA Indicator	1
Delivery Point Drop Indicator	1
Delivery Point Residence Indicator	1
Delivery Point Seasonal Indicator	1
Delivery Point Seasonal/Educational Indicator	1
Delivery Point Vacant Indicator	1
Delivery Point Throwback Indicator	1

Delivery Type Code
    1   Curb
    2   NDCBU
    3   Central
    4   Door Slot
	1

Drop Count	3
LACS Indicator	1

Record Type Code
    S   Street
    H   High-rise
    F   Firm
    P   PO Box
    R   Rural Route/Highway Contract
    G   General Delivery
	1

EXHIBIT H

DETERMINING RECORD STATUS
(UNKNOWN OR RESIDENTIAL)

If a record is not classified as **Business,** it is either **Unknown** or **Residential.**

The record is **UNKNOWN** if:

DPV/DSF² confirmation indicator is Y
Not present in the Business table
Could be in the No-Stat table (*however, it may not be present*)
Delivery Type is BLANK

The record is **RESIDENTIAL** if:

DPV/DSF² confirmation indicator is Y
Not present in the Business table
Not a General Delivery
Not present in the No-Stat table
Delivery Type is not BLANK

Exhibit I

Additional DSF² Files and Descriptions

File	Description	Filename
Business	Indicates a business address.	Dph.hsb
Central	The delivery point is serviced at a mail receptacle located within a centralized unit, such as a gang box.	Dph.hs3
CMRA	Indicates a private business that acts as a mail-receiving agent for specific clients.	Dph.hsc
Curb	The delivery point is serviced via motorized vehicle at a mail receptacle located at the curb.	Dph.hs1
Drop	A delivery point receives mail in a single receptacle or at a single drop site that services multiple dwellings or businesses or primary or secondary addresses. The number of dwellings or recipients is reflected in the drop count field.	Dph.hsd
Drop Count	Indicates the total number of customers sharing the receptacle.	Dph.hsk
Educational	The delivery point is identified as an educational facility, i.e. colleges and universities, dormitories, sorority or fraternity houses, and apartment buildings occupied primarily by students.	Dph.hse
False Positives	Contains the False Positive addresses. Refer to section 7.0 regarding False Positive Reporting and Stop Processing.	Dph.hsf
LACS	Provides address conversions involving rural style to city style due to implementation 911 systems. Also includes renaming or renumbering existing city-style addresses.	Dph.hsl
NBCU (Neighborhood Delivery Collection Box Unit)	The delivery point is serviced at a mail receptacle located within a cluster box.	Dph.hs2
No-Stat	Indicates address is not receiving delivery and the address is not counted as a possible delivery. These addresses are not receiving delivery because a) delivery has not been established; b) customer receives mail as a part of a drop; or c) the address is no longer a possible delivery because the carrier destroys or returns all of the mail.	Dph.hsx
Other	A delivery that is not Curb, NDCBU or Central. This is most often used to indicate where a carrier makes delivery on foot, door-to-door.	Dph.hs4
Seasonal	The delivery point may receive mail only during a specific season. When delivery is not made because the dwelling is unoccupied as a result of it being off-season, it may be considered a seasonal address. The seasonal indicator specifies whether or not a given address receives mail only during a specific season, i.e. a summer residence. Seasonal indicators are only used at the destination site, not the home of record, which will be temporarily unoccupied. The home of record remains an active address (not seasonal), while the destination site, which is also an active delivery, is tagged 'seasonal.' The months the seasonal addresses are occupied are identified in the Seasonal records of the City/State file, which is detail code 'N.'	Dph.hss
Throwback	Denotes the address associated with this delivery point is a street address; however the delivery is made to the customer's PO Box address.	Dph.hst
Vacant	A delivery point was active in the past, but is currently vacant (in most cases unoccupied over 90 days) and not receiving delivery.	Dph.hsv
PBSA	Indicates a Post Office Box Street Address	Dph.hsp
Door Not Accessible (DNA)	Addresses where carriers cannot knock on the door for mail delivery or where carriers cannot physically access a residence/building, such as rural/highway contact route (HCR) long driveway or gated community.	Dph.hsn

NSL	No Secure Location (unsecure)	Dph.hsu
Non-Delivery Day(s) Present Flag	Indicates at least one day of the week mail is not delivered to the address	Dph.hsy
Non-Delivery Day(s) Value	Indicates which days mail is not delivered to the address	Dph.hsz
No-Stat Reason Code	Provides details as to why records are flagged as No-Stats. Reason codes are: • 1 – IDA (Internal Drop Address) – Addresses that do not receive mail directly from the USPS, but are delivered to a drop address that services them. • 2 – CDS No-Stat – Addresses that have not yet become deliverable. For example, a new subdivision where lots and primary numbers have been determined, but no structure exists yet for occupancy. • 3 – Collision – Addresses that do not actually DPV confirm. In this case, the 'Y' should be set to 'N' on the DPV 'A' table and all other table values should be blank. • 4 – CMZ (College, Military and Other Types) – ZIP + 4 records USPS has incorporated into the data. • 5 – Regular No-Stat – Indicates addresses not receiving delivery and the addresses are not counted as possible deliveries. • 6 – Secondary Required - The address requires secondary information.	Dph.hsr (Full) Dph.hsr.zall (Split)

EXHIBIT J

Per the USPS DMM®, the ZIP + 4 and City/State data must be updated by ZIP + 4 and City/State Product users based on the DMM Standards, section 602 Exhibit 9.3.1 – USPS Database Product Cycle. New product releases must be included in address matching systems no later than after the first of the month following the product date. Mailers are expected to update their systems with the latest data files as soon as practicable and need not wait until the "last permissible use" date.

USPS recommends DSF² Licensees update these files monthly to obtain the best possible results from the DSF² process.

The following chart is provided to assist in determining which data release is considered the most current for DSF² Licensees.

Release date (posted)	Product date	Required Use Date	Expiration Date (Last permissible use date)	Last Permissible Mailing Date
Use of file released in…	(Publish date)	Must begin no later than…	And must end no later than…	
Mid-November	December 1	January 1	February 28/29	March 31
Mid-December	January 1	February 1	March 31	April 30
Mid-January	February 1	March 1	April 30	May 31
Mid-February	March 1	April 1	May 31	June 30
Mid-March	April 1	May 1	June 30	July 31
Mid-April	May 1	June 1	July 31	August 31
Mid-May	June 1	July 1	August 31	September 30
Mid-June	July 1	August 1	September 30	October 31
Mid-July	August 1	September 1	October 31	November 30
Mid-August	September 1	October 1	November 30	December 31
Mid-September	October 1	November 1	December 31	January 31
Mid-October	November 1	December 1	January 31	February 28/29