FEDERAL ELECTION COMMISSION

ELECTRONIC FILING SPECIFICATIONS REQUIREMENTS

Part I

As Part I of the E-Filing Specifications, this document works in conjunction with FEC_Format_v7.0.xlsx (Part II) to present the electronic filing (E-Filing) standards of the Federal Election Commission.

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ELECTRONIC FILING FORMAT OVERVIEW

The format consists of various <u>record</u> layouts whose <u>fields</u> are separated (delimited) by ASCII "Field Separator" characters. (An ASCII field separator (FS) character is a 1-byte code with a hexadecimal value of '1C'. (The binary value is 28 and in many software programs can be coded by holding down the Alt key while typing 28 on the numeric keypad.) Each FS character marks the end of one field and the beginning of the next. As with prior versions of the format, each record is terminated with CRLF (carriage-return+line-feed) hexadecimal '0D0A' characters. Trailing unused fields need not be marked by FS Field Separator delimiters. (In order to maintain continuity with previous releases of the FEC format, double-quote mark characters are not allowed within text fields.)

Fields may not begin with leading blanks (for example, " ABC" is incorrectly coded and should be coded "ABC").

The following characters will be allowed in filing fields (These are technically specified using the ASCII standard):

- Keyboard characters. These fall within the range of ASCII 32 (space) through 126 (tilde "~").

- Some characters used in other languages. Specifically ASCII characters 128 through 156, ASCII characters 160 through 168, and ASCII character 173.

This allows name and address fields to contain letters such as ñ, ¿, ê, ç, ¡, Æ, etc. Care should be taken if text is cut and pasted from word processing, or other programs, since many non-keyboard characters such as apostrophes and "smart quotes" (which are stored as ANSI coded characters) will not translate into the appropriate ASCII characters.

The first record of every electronic file that is submitted to the FEC must be an HDR record that precedes the main body of the ASCII CSV (comma separated values) data. The second record will be a "cover" record for the particular filing, (for example, a F3 or and F3X record for a FEC-3 or FEC-3X electronic report). An unlimited number of Schedule records (examples: SA, SB, SC/, ...) can follow the first two records of an FEC electronic report file. (Electronic files are usually assigned the file suffix ".fec".)

A validating utility named FECheck6 is available for downloading from the FEC website. It can, and should, be used by everyone who creates electronic files for the FEC, especially by those who are testing new software to create electronic filings. The same validating utility is used by the FEC to check every electronic filing that it receives, either by diskette or over the internet.

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GENERAL REQUIREMENTS

FORM TYPE
FORM TYPE refers to the combination of the FEC form and other important identifying indicators. For the general forms (cover sheets, not schedules), the format is form type followed by the amendment indicator (e.g. F3A, F3PA). If a filing is not an amendment and not a termination report, it is a "New Report" and the 'N' indicator is included in the Form Type (e.g. F3XN). If the Report Type is indicated as a "Termination Report", a 'T' indicator will be included in the Form Type (for quick identification purposes) UNLESS the 'A' amendment indicator supersedes the 'T' indicator.

Form types for schedules are a little more complicated -they indicate both the schedule <u>and</u> the line from the Summary Page of the cover form that the record relates to (e.g. SA15A).

FEC ID NUMBER -(FEC COMMITTEE ID NUMBER, FEC CANDIDATE ID NUMBER)
All references to "FEC ID NUMBER" indicate that the field contains a FEC assigned identification number. All committee ID numbers begin with a 'C' and all candidates ID numbers begin with: S (senate), H (house), P (presidential). All FEC id numbers are 9 characters long with no spaces.

House & Senate Candidate FEC ID codes have the following formats: H9ST99999, S9ST99999, and P99999999... (where the 1st Character is H=House, S=Senate, P=Presidential, and the 3rd & 4th characters of House & Senate codes are the 2-letter State Code, and the remaining parts of all codes are numeric).

Committee FEC ID codes consist of the letter C=Committee in the first position, followed by 7 digits, followed by a 'check-digit' in the 9th position.

This document has been changed to include more detail and to insure consistency. For example, in Form 1, the line:
      2. FILER FEC CMTE ID (A/N-9) (reflects that only committees will file the document.)

Please note, certain lines will have identifying words included; these exist **only** to aid in identifying the type of committee included in the field. For example:
      FEC COMMITTEE ID NUMBER *(PCC)* (A/N-9)
      FEC COMMITTEE ID NUMBER *(AUTH)* (A/N-9)

ENTITY TYPE – ENTITY TYPE the correct Entity Type must be used (IND, CCM, COM…) (also see Appendix)

COMMITTEE NAME -COMMITTEE NAME
All committee names are a maximum of 90 characters long.

ORGANIZATION TYPE -ORGANIZATION TYPE
The FEC interest group codes match the boxes on the form exactly. Options are: 'C', 'T', 'L', 'M', 'V', 'W'. (also see Appendix) .

AFFILIATED RELATIONSHIP CODE – (Section 6 of Statement of Organization {F1 & F1S})
Defines how the affiliated committee relates to the Committee filing the Statement of Organization. Options are: ORG = Connected Organization; AFF = Affiliated Committee; LPS = Leadership PAC Sponsor JFR = Joint Fundraising Representative.

FILER CODE – (24-Hour Notice of Disbursements {F9})
Code describes the type of Committee/Organization making the Communications Expenditure. Options are: IND = Individual; UNO = Unincorporated Org; QNC = Qualified Nonprofit Under CFR 114.10; CLQ = Corp, Labor or QNC under CFR 114.15; OTH = Other, specify …

CANDIDATE NAME -CANDIDATE NAME
All candidate names are a maximum of 38 characters long.

Starting with Version 5.1, Candidate Name on Form 2 can be a maximum of 90 characters apportioned among 5 new fields: Last Name (30-chars); First Name (20-chars); Middle Name (20-chars); Prefix (10-chars and Suffix (10chars). The old 38-character field in position #3 is no longer used in Version 5.1.

STREET ADDRESS 1/2 -STREET 1, STREET 2
All street addresses are a maximum of 34 characters long. If only one line of street address is given, it should be coded in Street 1, and Street 2 should be blank.

CITY -CITY
All city indicators are a maximum of 18 characters long.

STATE CODE -STATE / ELECTION STATE
All state indicators are 2 character codes. The Appendix includes a listing of special state codes. State codes referring to addresses are indicated by STATE, references to the state in which a candidate is running are referred to as ELECTION STATE.

ZIP CODE -ZIP
All zip codes are 9 characters long, four trailing spaces are acceptable.

DATES -DATE
All dates are eight numeric characters. The dates are in the format YYYYMMDD. In this document, many dates are followed by identifiers such as: DATE (OF CONTRIBUTION).

AMOUNTS
Amount fields are 12 characters maximum. They must be numeric (with two exceptions). A leading minus (-) sign is used to indicate negative amount values. If an amount is dollars and cents, an explicit decimal point (.) must be imbedded with 2 numeric decimal positions following the point. Amounts that do not have an explicit decimal are treated as whole dollar amounts.

RATES
Interest rates are generally coded as numeric amounts, however up to 15 characters of text is acceptable on Schedule C, where rates can be expressed in terms such as "Prime + 1%" for example. If the rate is expressed as a percentage then it must be coded as a 4-digit percent (i.e. 4 decimal places with an explicit, leading decimal point). For example: .0500 or .0865 is interpreted as 5% or 8.65%. A value of 100% must be expressed as a rate with a coded value of 1.000. The maximum field length for "text" rates is 15 bytes. The minimum/maximum field length for numeric rates is exactly 5 bytes.

INDIVIDUAL'S NAMES -IND/NAME

Handling of Names of Individuals on all Forms and Schedules (version 6.x);

Names of individuals are to be encoded into five (5) separate new fields that have been added to all Form and Schedule layouts. A name of an individual is apportioned among the fields: Last Name (30-chars); First Name (20chars); Middle Name (20-chars); Prefix (10-chars) and Suffix (10-chars) to a theoretical maximum of 90 characters. Caret (^) delimited fields are no longer used for individual names.

INDIVIDUAL'S EMPLOYER -INDEMP
All individual employer fields are now a maximum of 38 characters.

INDIVIDUAL'S OCCUPATION -INDOCC
Previously in this document the individual occupation field was listed at 34 characters. It has been changed so that all individual occupation fields are now a maximum of 38 characters. The original logic was that the disclosure database contains 35 character names.

CANDIDATE OFFICE -CAN/OFF
The candidate office field is a one character alpha code; 'H' represents house, 'S' represents senate, and 'P' represents presidential.

CANDIDATE DISTRICT -CAN/DIST
Candidate districts consist of two numeric characters. The only acceptable responses are blank, and 00 through 99.

PARTY DESIGNATIONS -PTY/CODE
Candidates and some committees declare their party affiliations. This should be a three character code and is optional in all cases. A full list of these party codes is included in the Appendix.

TELEPHONE NUMBER -TELEPHONE
Telephone numbers, when reported contain 10 numeric characters.

REPORT CODE -RPTCODE
Report code consists of three alpha-numeric characters. New Report Type codes created for F3L filings. The acceptable report codes are included in Appendix A.

ELECTION TYPE (COVER FORMS / REPORTS) -RPTPGI
Election types, when referring to the basic reports, can only indicate elections within the election cycle that is being reported. Therefore the only acceptable responses are: 'C', 'G', 'P', 'R', 'S' & 'E'. A full list of these codes is listed in the Appendix.

ELECTION TYPE (ITEMIZED / SCHEDULES) -ITEM-ELECT-CD
In reference to the individual transactions reported on the various schedules, election types indicate elections within the election cycle that is being reported and past and future elections. See Appendix. If Other is coded, the ITEM-ELECT-OTHER description must also be coded.

Starting with Version 5.1, Election Type/Description fields are also included on F57 Schedule of Independent Expenditures which is part of Form 5 (F5) filings.

CONVENTION COMMITTEE TYPE -CONVENTION TYPE
Form 4 gives a selection for type of convention committee. The choices are: Arrangements, Host and Other. Included is a 40 character area for a description of the "Other".

COMMUNICATION COSTS SUPPORT/OPPOSE -24F/24N
Communication costs may be reported on Form 7. The support/oppose value is identified as 24F and 24N on the FEC's database. Data may be represented by either the 24F/24N values or with S/O coding. Data translation is done by equating 'S' with '24F' and 'O' with '24N'.

INDEPENDENT EXPENDITURES SUPPORT/OPPOSE -24A/24E
Communication costs may be reported on Schedule E and Form 5. The support/oppose value is identified as 24A and 24E on the FEC's database. Data may be represented by either the 24A/24E values or with S/O coding. Data translation is done by equating 'S' with '24E' and 'O' with '24A'.

MEMO ENTRY-MEMO
Many itemized transactions have a Memo entry to allow the filers to provide a more complete description of the activity; Maximum 100 characters. **Memo Text** is available on itemized amounts on Schedules A and B -amounts which are totaled and carried back to the Summary Page of the filing. In addition a **Memo Code** indicates that the amount is NOT to be included in the itemization total.

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YES/NO BOXES -YESNO
Several Forms and Schedules contain yes/no boxes; the questions are generally different for each form and can determine the need for further response in another field. Unless otherwise noted, Check Boxes are evaluated to be "checked" or "empty" based on the data content of the related field in the Comma-Separated-Value (CSV) file. Box = "Checked" when CSV value is 'X', 'Y', '1' or 'T' (value 'X' is preferred) Box = "Empty" when CSV value is blank, 'N', '0' or 'F' (space or null is preferred)

TRANSACTION IDENTIFIERS (TRAN_ID)
Transaction Identifiers {TRAN_ID} are required on every schedule itemization record.

For all new items, the TRAN_ID must contain a unique value that will be used by the Agency's database to point to that particular item. It must be a value that is unique among all items within a group of reports comprised of original and all associated amendments.

Tran ID: A unique identifier permanently associated with each itemization or transaction appearing in an FEC electronic file. If a given itemization appears in more than one schedule, (e.g. an in-kind contribution is reported on both Schedule A and Schedule B) then the Tran ID associated with that itemization must have different values for that single item among the various schedules. However, all Tran Ids of itemizations appearing in any amending report must match the Tran Ids first used for those same itemizations in the original report.

The Tran ID assigned and maintained by the filer's software is used by the FEC's database to uniquely identify each itemization from every filer. It is critically important that when a filer amends a previously filed electronic report, the Tran IDs of the subsequent amendment match those already reported. It is acceptable for a Tran ID of one original report to be assigned a value that was used on a previous original report and all of its amendments.

Filers will assure that submitted Tran IDs are UPPER CASE and unique. This is to prevent filers from using the case status of alpha characters as a method to establish uniqueness for Tran IDs.

Filers must use a method of creating Tran IDs, where the codes are UPPER CASE and unique. For example, each code in the code series: AZ123; AZ124; AZ125; AZ126 is unique and are not in lower case.

The following is an example of what is not allowed: The codes in the following series use case status to provide uniqueness: Aa123; aa123; aA123; and AA123. This approach is not permitted. If alpha characters in these codes where changed to all caps, the four IDs would be identical.

This Tran ID coding requirement will first apply to new/original v5.3 reports. For a limited time, amended reports will be validated with the former less restrictive Tran ID edits.

SYSTEM ACCOUNT CODE (Used as a link between Schedule A & B itemizations with Schedules I & L) Forms I & L are used for reporting contributions to, and expenditures from, nonfederal accounts. One Form (schedule) is used for each account. Schedules A and B are used to supply itemized detail for line items on Schedules I & L. The computerized link between Schedules A & B and Schedules I & L is a field described as "System code for account named in Field #_". *As with Transaction Identifiers described above, two or more System Account Codes coded with the same sequence of alphabetic characters (even if they differ in case), are treated as duplicates.* For example, Codes with values: Aa123; aa123; aA123; and AA123 will be treated as four duplicates.

RECEIPT LINE NUMBER (New field with Version 5.1) Field on Schedule C (SC) record which indicates which line in the "Receipts" section of the Summary Page the loan amount is reported under -whether the loan is guaranteed by the candidate or "all other loans". The question whether the loan is guaranteed by the candidate pertains to Form 3 (F3) and Form 3P (F3P) filings. Possible values for this field on F3 filings are: '**13A**' = Summary Page Line 13(a) and **'13B'** = Summary Page Line13 (b). Values for F3P filings are '**19A**' and '**19B**'.

HEADER RECORDS

The first record of every electronic file that is submitted to the FEC must be an HDR record that precedes the main body of the ASCII delimited data. An example of a header record for an FEC filing is shown below.

Example of a Header Record:

Sequence #	Field Description	Type	Rule Reference
01	Record Type	A/N-3	Record Type. Value: **HDR**
02	EF Type	A/N-3	Electronic Filing Type Value: **FEC**
03	FEC Version	A/N-8	FEC Version #. Value: **7.0**
04	Software Name	A/N-90	Filer software name: **The Best Software!**
05	Software Version	A/N-16	Filer Software Version #: **5.7.56.4.67**
06	Report ID	A/N-16	If Amendment, FEC Report ID assigned to Original
07	Report Number	N-3	If Amendment, number (1-999) of the amending Report starting with Amendment #1 through #999
08	Comment	A/N-200	Comment

MEMOS NOTES & EXPLANATORY TEXT

Large bodies of text can be associated with forms, schedules and also with individual itemizations within schedules. A special TEXT record can be used in an FEC file to carry descriptive text as a string of characters not exceeding 4000 characters.

TEXT records can be associated with a filing's "cover" page, with a schedule/line number combination, and to one or more individual itemizations within a schedule. When the text record is related to an itemized transaction, **it does not replace the "Description/Purpose of Disbursement" field**. The text record is for reporting extra information beyond the required short description.

The layout of the TEXT record is described below:

Sequence #	Field Name	Type	Description
01	Record Type	A/N-4	Record Type Value: TEXT
02	Filer Committee ID	A/N-9	Committee (or Candidate) Filer ID Example: C00123456
03	Transaction ID	A/N-20	Unique transaction identifier for this record.
04	Back Reference Transaction ID	A/N-20	If (and only if) this text record is related to a particular transaction in a schedule, this field must contain the Transaction ID of the transaction being referenced.
05	Back Reference Schedule/Form Name	A/N-8	Should be a valid, coded value equal to the REC TYPE of the form or schedule to which this text record is related.
06	Text4000	A/N-4000	Unformatted Text {text may not contain formatting characters such as tabs and line-feeds}

Please note that electronic filings to the FEC which consist of free-form text (with separate lines, tabs, etc.) are filed as "Miscellaneous Text" (F99) filings.

CONSOLIDATED CANDIDATE COMMITTEE REPORTING WITH FORM 3Z – (F3Z)

F3Z records are used to report consolidated totals from all F3 filings prepared by Primary and related Authorized Candidate Committees. There must be one F3Z record for the Principal Candidate Committee's consolidated report, one or more F3Z records (one each) for Authorized Committees and one final F3ZT Totals record for the entire F3Z filing (attached to an F3 report) to be considered valid.

The line-items on each F3Z record must be accurate (e.g. Line 11E must equal Line 11A + 11B + 11C + 11D). The line-item amounts in the F3ZT Totals record must equal the sums of the corresponding line-items from all F3Z records (including the record for the Principal Candidate Committee and records for all Authorized Committees). Warnings are given when dollar amounts do not match.

Fields #2 (Filer's FEC ID#) and #3 (Filing Candidate Committee's Name) are the same on all F3Z records (including the F3ZT – Totals record), and must be the same as used in Fields #2 & #3 on the F3 Cover record.

Coverage From and Through Dates (Fields #4 and #5) are the same on all F3Z records (including the F3ZT – Totals record), and must be the same as used in Fields #16 & #17 on the F3 Cover record.

Fields #6 (FEC ID#) and field #7 (Committee Name) are used to carry the PCC ID# and Name (on the first F3Z record) and the ID#'s and Names of Authorized Committees on all subsequent F3Z records. The F3ZT – Totals record should not contain any values in Fields #6 and #7.

F3Z Record Layout of first 7 fields:

Sequence #	Field Name	Type	Description
01	FORM TYPE	A/N-4	F3ZT is a "totals" record
02	FILER COMMITTEE ID NUMBER (PCC)	A/N-9	Same as field #2 on F3 record
03	COMMITTEE NAME (PCC)	A/N-90	Same as field #3 on F3 record
04	COVERAGE FROM DATE	NUM-8	Same as field #16 on F3 record
05	COVERAGE THROUGH DATE	NUM-8	Same as field #17 on F3 record
06	COMMITTEE ID NUMBER (Auth)	A/N-9	First F3Z record: same as field #2 Auth Cmtte F3Z: ID# of Auth Cmtte F3ZT Totals Rec: must be blank
07	COMMITTEE NAME (Auth)	A/N-90	First F3Z record: same as field #3 Auth Cmtte F3Z: Name of Auth Cmtte F3ZT Totals Rec: must be blank

FILE LAYOUTS

(Electronic File Layouts are contained in a separate Excel spreadsheet named **FEC_Format_v7.0.xlsx**)

APPENDIX A - (FEC CODES AND THEIR DEFINITIONS)

FEDERAL ELECTION COMMISSION CODES AND THEIR DEFINITIONS

Entity Type Codes

CAN	Candidate
CCM	Candidate Committee
COM	Committee
IND	Individual (a person)
ORG	Organization (not a committee and not a person)
PAC	Political Action Committee
PTY	Party Organization

Committee Types

Form F1, COMMITTEE TYPE

A	Principal Campaign Committee
B	Authorized Committee
C	Support/Oppose One Candidate (Not Authorized Committee)
D	National, State, or Subordinate Party Committee
E	Separate Segregated Fund
F	Support/Oppose more than One Fed Cand & Not Segregated Fund/Party

Form F1M, COMMITTEE TYPE

X	State Party (Party, Non-Qualified)
N	Other (Non-Party, Non-Qualified)

Form F4, COMMITTEE TYPE

A	Arrangements Committee
H	Host Committee
O	Other

Form F1 and Form F7, ORGANIZATION TYPE

C	Corporation
T	Trade Association
L	Labor Organization
M	Membership Organization
V	Cooperative
W	Corporation w/o capital stock

Candidate Office Types

H	HOUSE
P	PRESIDENTIAL
S	SENATE

Yes/No Check-boxes

Y	YES
N	NO

Single Check-box

X	"Checked"

Election Code (A.K.A. Primary/General Indicator or PGI)

The EFO is aware that the paper forms allow only Primary, General, or Other, as an option for choosing the Election Code (PGI). However, when "Other" is appropriate, the electronic format can accommodate, and the FEC *prefers,* that the correct designating PGI is used. (Examples for "Other": Convention [C], Runoff [R], Special [S], Recount [E]).

As indicated here, and on transaction layouts, the election codes are the following:

P*ccyy*	**P**rimary
G*ccyy*	**G**eneral
O*ccyy*	**O**ther:
C*ccyy*	**C**onvention
R*ccyy*	**R**unoff
S*ccyy*	**S**pecial
E*ccyy*	Recount (r**E**count)

- Transactions designated for the Primary or General election must be dated with the relevant election year.
  Example: **Election Code** "P2008"
  Election Other Description "null data field"

- If the intent is to attribute the transaction to a future or past election period then the date in the Election Code should reflect that future or past election period followed by clarifying information in the Elections Other Description field.
  Example: **Election Code** "P2006"
  Election Other Description "Primary Debt 2006"

Note: In the past, filers have incorrectly provided (example) "O2008" and placed additional information in the Election Other Description field "Primary Debt 2006". In cases where the contribution is designated to a "Primary" or a "General" election the proper PGI should be used along with the relevant election year.

- If the Election Code is an "Other" option, data should be provided with the correct PGI followed by clarifying information in the Elections Other Description field.
  Example: **Election Code** "S2008"
  Election Other Description "Special-General 2008"

Support/Oppose Code

Form F3X, Schedule E, Support/Oppose Code

    S   Support
    O   Oppose

Form F5.7, Support/Oppose Code

    S   Support
    O   Oppose

Form F7.6, Support/Oppose Code

    S   Support
    O   Oppose

Communication Type & Category

Form F7.6, Communication Type

    DM   **D**irect **M**ail
    TP   **T**ele**p**hone
    TM   **T**elegra**m**
    O   **O**ther

Form F7.6, Communication Category
    E   **E**xecutive/Administrative Personnel
    S   **S**tockholders
    M   **M**embers

Party Type

Form F1, Party Type

    NAT   National Party
    STA   State Party
    SUB   Subordinate Party Organization

CODES RELATING TO "H" SCHEDULES

Schedule H3 (Event Type)

 Post-BCRA codes: **(Mandatory with Version 5 Filings)**

    AD   =   **Ad**ministrative;
    GV   =   **G**eneric **V**oter Drive;
    DF   =   **D**irect **F**undraising;
    DC   =   **D**irect **C**andidate Support;
    EA   =   **E**xempt **A**ctivities;
    PC   =   **P**ublic **C**ommunications Referring Only to Party (Made by PAC)

SCHEDULE H2, Allocation Ratios

N	Ratio is {N}ew
R	Ratio is {R}evised
S	Ratio is {S}ame as previously reported

Party Codes for Candidates and Committees

Form F1 and Form F2, Party Code

AIC	American Independent Conservative	
AIP	American Independent Party	
AMP	American Party	
APF	American PEOPLE'S FREEDOM PARTY	
CIT	Citizens' Party	
CMD	Commandments Party	(Removed)
CMP	Commonwealth Party of the U.S.	
COM	Communist Party	(Old Doc was "M")
CRV	Conservative Party	
CST	Constitutional	
D/C	Democratic/Conservative	
DEM	Democratic Party	
DFL	Democratic-Farm-Labor	
FLP	Freedom Labor Party	
GRE	Green Party Added)	
GWP	George Wallace Party	
HRP	Human Rights Party	
IAP	Independent American Party	(Added)
ICD	Independent Conserv. Democratic	
IGD	Industrial Government Party	
IND	Independent	
LAB	U.S. Labor Party	
LBL	Liberal Party	
LBR	Labor Party	
LBU	Liberty Union Party	
LFT	Less Federal Taxes	
LIB	Libertarian	
LRU	La Raza Unida	(Removed / redundant with LRU)
NAP	Prohibition Party	
NDP	National Democratic Party	
NLP	Natural Law Party	
NNE	None	
OTH	Other	(Added)
PAF	Peace and Freedom	
PFD	Peace Freedom Party	
POP	People Over Politics	
PPD	Protest, Progress, Dignity	
PPY	People's Party	
REF	Reform Party	
REP	Republican Party	

RTL	Right to Life	
RUP	Raza Unida Party	(Removed / redundant with LRU)
SLP	Socialist Labor Party	
SUS	Socialist Party U.S.A.	
SWP	Socialist Workers Party	
THD	Theo-Dem	
TWR	Taxpayers Without Representation	(Removed)
TX	Taxpayers	(Old Doc was "TXT")
UNK	Unknown	
USP	U.S. People's Party	

Report Codes

12C	Pre-Convention	
12G	Pre-General	
12P	Pre-Primary	
12R	Pre-Runoff	
12S	Pre-Special	
30G	Post-General	
30R	Post-Runoff	
30S	Post-Special	
60D	60 Day Post Convention of a Presidential Host Committee	
90D	90 Day Post Inaugural Report by an Inaugural Committee	
90S	Supplement to a 90D Inaugural Report	

M2	February Monthly
M3	March Monthly
M4	April Monthly
M5	May Monthly
M6	June Monthly
M7	July Monthly
M8	August Monthly
M9	September Monthly
M10	October Monthly
M11	November Monthly
M12	December Monthly

MY	Mid-year Report	
Q1	April Quarterly	{One of 4 valid Report Codes on Form 5, RptCode}
Q2	July Quarterly	{One of 4 valid Report Codes on Form 5, RptCode}
Q3	October Quarterly	{One of 4 valid Report Codes on Form 5, RptCode}
YE	Year-end	{One of 4 valid Report Codes on Form 5, RptCode}
MYE	{Monthly} Year-end	{Used by F3X & F3P monthly filers}
TER	Termination Report	

| 24 | 24-Hour Report | {One of 2 valid 24/48 Hour Codes on Form 5} |
| 48 | 48-Hour Report | {One of 2 valid 24/48 Hour Codes on Form 5} |

Special Report Type Codes used with F3L filings introduced in Version 6.4:

QUARTERLY FILERS

Q2S	July 15 (**Q2)** report {with coverage dates} and **S**emi-annual
QSA	Semi-**A**nnual only {no Q2 – no coverage dates}
QYS	Jan 31 **Y**ear End (**YE**) report {with coverage dates} and **S**emi-Annual
QYE	Semi-**A**nnual only {No **Y**E – no coverage dates}
QMS	July 31 **M**id-Year (**MY**) report {with coverage dates} and **S**emi-annual

MONTHLY FILERS

M7S	July 20 (**M7**) Monthly report {with coverage dates} and **S**emi-Annual
MSA	Semi-**A**nnual only {No **M7** -no coverage dates}
MYS	Jan 31 **Y**ear **E**nd (**MYE**) report {with coverage dates} and **S**emi-annual
MSY	Semi-**A**nnual only {No M**YE** – no coverage dates}

Accepted Report Codes by Type of Filing:

Form	Acceptable Report Code (or "Report Type" on F24 layout) values
F24	24; 48
F3	Q1; Q2; Q3; YE; TER; MY; 12G; 12P; 12R; 12S; 12C; 30G; 30R; 30S
F3L	Q1; [Q2S|*QSA*]; Q3; [QYS|*QYE*]; QMS; M2; M3; M4; M5; M6; [M7S|*MSA*]; M8; M9; M10; M11; M12; [MYS|*MSY*]; 12G; 12P; 12R; 12S; 12C; 30G; 30R; 30S
F3P	Q1; Q2; Q3; YE; TER; 12G; 12P; 12R; 12S; 12C; 30G; M2-M12
F3X	Q1; Q2; Q3; YE; TER; MY; 12G; 12P; 12R; 12S; 12C; 30G; 30R; 30S; M2-M12
F4	Q1; Q2; Q3; YE; TER; 60D
F5#19	Q1; Q2; Q3; YE {MY; 12G; 12P; 12R; 12S; 12C; 30G not valid after v5.3}
F5#20	24; 48 {Form 5; Field #26 [24/48 Hour Code] valid values: 24 or 48}
F7	Q1; Q2; Q3; YE; 12G
F13	90D; 90S

Form	Report Type (24Hour, 48Hour) codes:
F24	24 = 24 hour notice of coordinated expenditure, or 24 hour notice of independent expenditure
	48 = 48 hour notice of independent expenditure

Itemized Transaction Codes (Schedules A & B)

15	Contribution
15C	Contribution from Candidate
15E	Earmarked Contribution
15F	Loans Forgiven by Candidate
15I	Earmarked Intermediary in
15J	Memo (Filers' % of Contribution Given to Jt FR)
15T	Earmarked Intermediary Treasury In
15Z	In-kind Contribution Received from Reg. Filer
16C	Loans Received from the Candidate
16F	Loans Received from Banks
16G	Loan from Individual
16H	Loan from Candidate/Committee
16J	Loan Rep from Individual
16K	Loan Rep from Candidate/Committee
16L	Loan Rep Received from Unreg. Entity
16R	Loans Received from Reg Filers
16U	Loan Received from Unreg. Entity
17R	Contribution Ref Rcvd from Reg Filer
17U	Ref/Reb/Ret Received from Unreg. Entity
17Y	Ref/Reb/Ret from Individual/Corporation
17Z	Ref/Reb/Ret from Candidate/Committee
18G	Transfer In Affiliated
18H	Honorarium Received
18J	Memo(Filer's % of Contrb Given to Jt FR)
18K	Contribution Received From Reg Filer
18S	Receipts from Sec of State
18U	Contribution Received from Unreg.
20C	LOAN Repayments Made to Candidate
20F	LOAN Repayments Made to Banks
20G	LOAN Repayments Made to Individual
20R	LOAN Repayments Made to Reg Filer
22G	Loan to Individual
22H	Loan to Candidate/Committee
22J	Loan Rep to Individual
22K	Loan Rep to Candidate/Committee
22L	Loan Rep to Bank
22R	Contribution Refund to Unreg. Entity
22U	Loan Repaid to Unregistered Entity
22X	Loan made to Unregistered Entity
22Y	Contribution Ref to Individual
22Z	Contribution Ref to Candidate/Committee
24A	Independent Expenditure Against
24C	Coordinated Expenditure
24E	Independent Expenditure for
24F	Communication Cost for Candidate (C7)
24G	Transfer Out Affiliated
24H	Honorarium to Candidate
24I	Earmarked Intermediary Out
24K	Contribution made to Non-affiliated
24N	Communication Cost Against Candidate (C7)
24P	Contribution made to Possible Candidate
24R	Election Recount Disbursement
24T	Earmarked Intermediary Treasury Out
24U	Contribution Made to Unregistered
24Z	In-kind Contribution Made to Reg. Filer

Category {of disbursement} Codes (Sched F57; SB; SE; SF; H4 & H6)

Starting with FEC Format 5.0, new disbursement codes were created. They serve to better categorize disbursements than the "Transaction Codes" described above. Category Code fields are now defined on disbursement record layouts: F57; SB; SE; SF; H4; and the new F93 & H6.

Disbursement Category Codes (001 – 012) are for use by any non-Presidential filing committee:

- **001**   **Administrative/Salary/Overhead Expenses** (e.g., rent, staff salaries, postage, office supplies, equipment, furniture, ballot access fees, petition drives, party fees and legal and accounting expenses)
- **002**   **Travel Expenses** - including travel reimbursement expenses (e.g., costs of commercial carrier tickets; reimbursements for use of private vehicles, advance payments for use of corporate aircraft; lodging and meal expenses incurred during travel)
- **003**   **Solicitation and Fundraising Expenses** (e.g., costs for direct mail solicitations and fundraising events including printing, mailing lists, consultant fees, call lists, invitations, catering costs and room rental)
- **004**   **Advertising Expenses** -including general public political advertising (e.g., purchases of radio/television broadcast/cable time, print advertisements and related production costs)
- **005**   **Polling Expenses**
- **006**   **Campaign Materials** (e.g., buttons, bumper stickers, brochures, mass mailings, pens, posters, balloons)
- **007**   **Campaign Event Expenses** (e.g., costs associated with candidate appearances, campaign rallies, town meetings, phone banks, including catering costs, door to door get-out-the-vote efforts and driving voters to the polls)
- **008**   **Transfers** (e.g., to other authorized committees of the same candidate)
- **009**   **Loan Repayments** (e.g., repayments of loans made/guaranteed by the candidate or other person)
- **010**   **Refunds of Contributions** (e.g., contribution refunds to individuals/ persons, political party committees or other political committees)
- **011**   **Political Contributions** (e.g., contributions to other federal candidates and committees, donations to nonfederal candidates and committees)
- **012**   **Donations** (e.g., donations to charitable or civic organizations

Disbursement Category Codes (101 – 107) are for use ONLY by Presidential filing committees:

- **101**   **Expenses that are not Allocable**
- **102**   **Media Expenditures**
- **103**   **Expenditures for Mass Mailings** and other Campaign Materials (e.g., buttons, bumper stickers, brochures, mass mailings, pens, posters, balloons)
- **104**   **Overhead Expenditures of State Offices** and their Facilities (e.g., rent, staff salaries, postage, office supplies, equipment, furniture, ballot access fees, petition drives, party fees and legal and accounting expenses)
- **105**   **Expenditures for Special Telephone Programs**
- **106**   **Public Opinion Poll Expenditures**
- **107**   **Fundraising Expenditures** (e.g., costs for direct mail solicitations & fundraising events including printing, mailing lists, consultant fees, call lists, invitations, catering costs and room rental)

FEC E-FILING SPECIFICATIONS REQUIREMENTS

VERSION 7.0   March 28, 2011   DocID: FEC_Format_v7.0.docx

STATE CODES

AA	Armed Forces Americas
AE	Armed Forces Europe
AK	Alaska
AL	Alabama
AP	Armed Forces Pacific
AR	Arkansas
AS	American Samoa
AZ	Arizona
CA	California
CO	Colorado
CT	Connecticut
DC	District of Columbia
DE	Delaware
FL	Florida
FM	Federated States of Micronesia
GA	Georgia
GU	Guam
HI	HI Hawaii
IA	IA Iowa
ID	Idaho
IL	Illinois
IN	Indiana
KS	Kansas
KY	Kentucky
LA	Louisiana
MA	Massachusetts
MD	Maryland
ME	Maine
MH	Marshall Islands
MI	Michigan
MN	Minnesota
MO	Missouri
MP	Mariana Islands
MS	Mississippi
MT	Montana
NC	North Carolina
ND	North Dakota
NE	Nebraska
NH	New Hampshire
NJ	New Jersey
NM	New Mexico
NV	Nevada
NY	New York
OH	Ohio
OK	Oklahoma
OR	Oregon
PA	Pennsylvania

PR   Puerto Rico
PW   Palau
RI   Rhode Island
SC   South Carolina
SD   South Dakota
TN   Tennessee
TX   Texas
UT   Utah
VA   Virginia
VI   Virgin Islands
VT   Vermont
WA   Washington
WI   Wisconsin
WV   West Virginia
WY   Wyoming
ZZ   Foreign Countries

Valid RECORD TYPE (field #1) codes for Schedules SA, SB, SC and SD depending on kind of Filing {F3, F3X, F3P, F3L, F4, & F24}

F3 filings:

SA{line number}:	'SA11AI', 'SA11B', 'SA11C', 'SA11D', 'SA12' 'SA13A', 'SA13B', 'SA14', 'SA15'
SB{line number}:	'SB17', 'SB18', 'SB19A', 'SB19B', 'SB20A', 'SB20B', 'SB20C', 'SB21'
SC{line number}:	'SC/9', 'SC/10'
SC1{line number}:	'SC1/9', 'SC1/10'
SC2{line number}:	'SC2/9', 'SC2/10'
SD{line number}:	'SD9', 'SD10'

F3X filings:

SA{line number}:	'SA11AI', 'SA11B', 'SA11C', 'SA12', 'SA13', 'SA14', 'SA15', SA16', 'SA17', 'SA18', {'SASI1' for Sched I filers}, {'SASL1A', 'SASL2' for Sched L filers}
SB{line number}:	'SB21B', 'SB22', 'SB23', 'SB26', 'SB27', 'SB28A', 'SB28B', 'SB28C', 'SB29' {'SBSI2', 'SBSI3', 'SBSI4', 'SBSI5' for Schedule I filers}, {'SBSL4A', 'SBSL4B', 'SBSL4C', 'SBSL4D', 'SBSL5' for Schedule L filers}
SC{line number}:	'SC/9', 'SC/10'
SC1{line number}:	'SC1/9', 'SC1/10'
SC2{line number}:	'SC2/9', 'SC2/10'
SD{line number}:	'SD9', 'SD10'

F3P filings:

SA{line number}:	'SA16', 'SA17A', 'SA17B', 'SA17C', 'SA17D', 'SA18', 'SA19A', 'SA19B', 'SA20A', 'SA20B', 'SA20C', 'SA21'
SB{line number}:	'SB23', 'SB24', 'SB25', 'SB26', 'SB27A', 'SB27B', 'SB28A', 'SB28B', 'SB28C', 'SB29'
SC{line number}:	'SC/11', 'SC/12'
SC1{line number}:	'SC1/11', 'SC1/12'
SC2{line number}:	'SC2/11', 'SC2/12'
SD{line number}:	'SD11', 'SD12'

F3L filings:
    SA3L
    SB3L

F4 filings:

SA{line number}:	'SA13', 'SA14A', 'SA15B', 'SA15', 'SA16A', 'SA16B', 'SA17A', 'SA17B' 'SA18A', 'SA18B', 'SA19A', 'SA19B'
SB{line number}:	'SB21A', 'SB21B', 'SB22', 'SB23A', 'SB23B', 'SB24A', 'SB24B'
SC{line number}:	'SC/9', 'SC/10'
SD{line number}:	'SD9', 'SD10'

F24 filings:
    SE

APPENDIX B - (VALIDATION MESSAGES)

VALIDATION MESSAGES

Validation messages may result in one of two different levels, depending on severity, Errors or Warning. Filings with validation "Error" messages will have an exit status value equal to the number of errors. An exit status value of 2 indicates that 2 errors exist causing the validation to fail and are not acceptable to the FEC.

Filings with validation "Warning" messages and no "Error" will have an exit status value equal to the number of warnings but with a negative sign. An exit status value of -2 indicates that 2 warnings and 0 errors exist indicating a successful validation and acceptable to the FEC.

Filings with "warnings" level messages are considered to be a "heads up" suggesting that information is usually required or assigned a specific value, but you should consult the official FEC user guide, or consult an FEC analyst to assess the exact nature of the problem. Should a filing contain "warning" messages with no "error" messages, the exit return value will be negative and the filing is considered acceptable (Passed). No "error" and no "warning" messages produce an exit return value of zero (0) and the filing is considered acceptable.

Error messages generated by FECCheck

Error messages are presented in the layout shown below:

Form{Item}:   *FormName*   {*A Name or other identifying info from a Schedule*}
Field Name: *Field#*   *Field's descriptive name*
Error Level   Error/Warning Message ...

Where "Error Level"   = Warning   (when return value < 0)
                          = *Error*   (when return value > 0)

Errors Messages

* **HDR record must be First in File**

* **"Cover" (eg. F3A, F3XN, ...) must be 2nd in File**

* **Filing must be an "FEC" Type of filing**

* **Filing Format must be FEC Version 7.0**

* **Amended filing must have an ID of the "Original"**

* **Amended filing must have an "Amendment Number"**

* **Header (HDR) inconsistent with Orig/Amend status**

* **Unrecognized Form Type / Record Ignored**

* **Schedule does not belong with Form _____**

* **Validation Terminated! - Over 32,000 Problems Found!**

* **ID# _____ NOT Correct FEC ID# Format**
  The format of an FEC ID# depends on whether it belongs to a Committee or a Candidate.

  Committee IDs are 9-characters formatted as C2345678x where 'x' is a Check-Digit. The first character is a 'C' and positions 2 through 7 must be numeric.

Candidate IDs are 9-characters with formats (H2ST56789, S2ST56789, P23456789) that vary depending on whether the candidate is running for House, Senate or President (or Vice-Pres.). The first character identifies the type of office the candidate is seeking. If House or Senate, the 3rd and 4th characters are the 2-character state code of the House or Senate seat.

* **ID# _____ NOT SAME AS Cover Page ID# _____**
  This message used whenever a field #2 of any schedule record has a legitimate FEC ID# coded, but it does not match the ID# of the Committee submitting the report as coded on the Cover Page.

* **Report Type is Missing or Invalid**

* **{field} exceeds maximum length of ___**

* **{field) is Required, but field is Empty**

* **Multi-Form Filings are NOT Allowed**
  Only one Form can be filed electronically at one time.

* **Extraneous data follows last field**

* **Invalid double-quote surround text field**

* **Illegal character(s) found in text field**

* **Illegal character(s) found in text line #____**   *(Used with F99 filings only)*

* **Body of text exceeds maximum of 20,000 characters**   *(Used with F99 filings only)*

* **Embedded double-quotes (") not allowed**

* **Leading Blanks {e.g. " TEXT"} not allowed**

* **Bad Date - _____ not YYYYMMDD format**
  If not an 8-digit value beginning with 19 or 20.

* **_____ is not a Real Date**
  If 8-digit format, but not an actual date in the calendar.
  For example, February 30, 2002 {"20020230"} is not a real date.

* **Invalid Amount format: _____**

* **Non-numeric data in Numeric Field**

* **_____ is an Invalid Year (CCYY) Format**

* **Wrong Report Type for this Form**

* **District "__" is not 2-digit Numeric format**

* **Tran ID is NOT UNIQUE - This one is same as other(s)**

* **No Match Found for Back-Reference to Schedule/Tran ID**
  Back/Cross Reference to a Schedule and specific Tran ID cannot be found.

* **No Schedules have been provided with Filing _____**
  If any F24, F5, F6, F7, F9, or F13 filing is not accompanied by one-or more schedules, then this message is produced. It is issued as an Error Message with F24, F6 and F9 filings. It is reduced to a Warning for F5, F7, and F13 filings.

* **Schedule H1 contains Redundant Sections**   *(Used with H1 filings only)*

* **Invalid Rate format: _____**   *(Used with H1 & H2 forms)*

* **Admin H3 Reference TranID should match the TranID**   *(H3 forms only)*
  The cross-reference Tran ID of an "AD" Admin H3 record must match the Tran ID {Field #3) of that H3 record.

* **Activity {__} Invalid - OK Vals: [AD|GV|DF|DC|EA|PC]**   *(H3 forms only)*

* **Database Account# does not link to any Schedule I**   *(SA & SB forms)*

* **Database Account# does not link to any Schedule L**   *(SA & SB forms)*

*   **F3Z-1 Report Type [____] is invalid (use J30 or D31)**   *(F3 filings)*

*   **24/48-hour code must be "24" or "48" not "__"**   *(F5 filings)*

*   **C7 committees only file F7 reports**   *(All except F7 filings)*
   Any non-F7 report cannot be filed by a committee with a "C7" FEC ID#.

*   **An FEC "C9xxxxxxx" ID must be used to file Form 5**   *(F5 filings)*

*   **An FEC "C7xxxxxxx" ID must be used to file Form 7**   *(F7 filings)*

*   **An FEC "C3xxxxxxx" ID must be used to file Form 9**   *(F9 filings)*

*   **Filing must have [BEGINTEXT] followed by text**   *(F99 filings only)*

*   **Text is NOT bracketed by [BEGINTEXT] & [ENDTEXT]**   *(F99 filings only)*

Warning Messages

-   **Entity Type [____] is not an acceptable value**

-   **Conditionally Required field is Empty**
   This message is given when a field is "sometimes required" depending on the value of other fields .Usually issued as a Warning message, but at times may be issued as an Error message (e.g. when a first and last name is conditionally required).

-   **__{date}__ is outside range of 1960-2099**

-   **Subtotal {_____} not supported by other lines**

-   **Subtotal {_____} not supported by Schedule ___**
   FYI --> {_____} accumulated on Schedule ___

-   **Election Code invalid: ___ {description}**

-   **Election Code missing: ___ {description}**

-   **Street Address is Missing**

-   **Single-line Address NOT in 1st delimited field**

-   **__ not a valid 2-character USPS State Code**

-   **Zip Code is Invalid or Missing / Zip = _____**

-   **Invalid Area Code/Phone Number: _____**

-   **Office Code "_" Invalid (Valid Codes: H, S, P)**

-   **Committee Type "_" is Invalid for this form**

-   **Organization Type "_" is Invalid for this form**   *(New Ver 6.1)*

-   **___ not a valid 3-character Party Code**

-   **___ not a valid Party Type (NAT,STA,SUB)**

-   **___ not a Valid Itemized Transaction**

-   **___ not a valid 3-digit itemized Category Code**
   (These messages refer to Expenditure (Schedule B) Transaction and Category Codes.)

-   **Value "_" is Invalid for this Yes/No field**

-   **Value "_" is Invalid for "Checkbox=X" field**

-   **Superfluous Data in field not used with this Filing**

-   **Invalid reference to Summary Page Receipts Line#**

FEC E-FILING SPECIFICATIONS REQUIREMENTS

- **Choose one or more "Ratios Apply..." checkboxes**   *(used on H1)*
- **Choose either flat or specified allocation ratios**   *(used on H1)*
- **Federal/Nonfederal Percents not = 100%**   *(used on H1 & H2)*
- **Ratio Code "_" Invalid (Valid Codes: N, R, S)**   *(used on H2)*
- **Some H3 Transfer $ Aggregates not equal Dollar Total**   *(used on H3)*
- **H5 Transfer Total not equal sum of Dollar Breakdowns**   *(used on H5)*
- **Select only one checkbox among this group**   *(used on H4 & H6)*
- **Choose one (1) Activity/Event allocation code**   *(used on H4 & H6)*
- **Total Amt not equal sum of Federal & NonFed Shares**   *(used on H4)*
- **Total Amount not equal sum of Federal & Levin Shares**   *(used on H6)*
- **Sup/Opp Code "___" Invalid (Valid Codes: S, O)**   *(used on SE, F57 & F76)*
- **Communication Code "__" Invalid. (Valid: DM,TP,TM,O)**   *(used on F76)*
- **Communication Target "_" Invalid. (Valid: E, S, M)**   *(used on F76)*
- **Net Donations not equal sum of Receipts – Refunds**   *(F13 Filings)*
- **F99 filing categorization code {___} is not valid**   *(used on F99 filings)*
- **Duplicate Accounts on two or more Schedule I found**   *(used on SI)*
- **Duplicate Accounts on two or more Schedule L found**   *(used on SL)*
- **F3Z Primary Committee Name Not Equal F3 Filer Name**   *(F3Z w/ F3 filings)*
- **F3Z Coverage Date Not Equal F3 Coverage Date**   *(F3Z w/ F3 filings)*
- **Valid F3Z filing has 1 PCC, 1+ Auth & 1 Totals Form**   *(F3Z w/ F3 filings)*
- **Affiliation/Relation Code "___" is not valid**   *(F1 Filings – v6.2)*
- **Corporation Type Code "___" is not valid**   *(F9 Filings – v6.2)*

APPENDIX C – (VALID SCHEDULES AND SUMMARY PAGE LINE NUMBERS)

Valid Schedules and Summary Page Line Numbers for various FEC Forms

Form 3

SA	+	[11AI; 11B; 11C; 11D; 12; 13A; 13B; 14; 15]
SB	+	[17; 18; 19A; 19B; 20A; 20B; 20C; 21]
SC	+	[/9; /10]
SC1	+	[/9; /10]
SC2	+	[/9; /10]
SD	+	[9; 10]

Form 3X

SA	+	[11AI; 11B; 11C; 12; 13; 14; 15; 16; 17; 18; SI1; SL1A; SL2]
SB	+	[21B; 22; 23; 26; 27; 28A; 28B; 28C; 29; SI2; SI3; SI4; SI5; SL4A; SL4B; SL4C; SL4D; SL5]
SC	+	[/9; /10]
SC1	+	[/9; /10]
SC2	+	[/9; /10]
SD	+	[9; 10]
SE		
SF		
H1		
H2		
H3		
H4		
H5		{new BCRA form}
H6		{new BCRA form}
SI		
SL		{new BCRA form}

Form 3P

SA	+	[16; 17A; 17B; 17C; 17D; 18; 19A; 19B; 20A; 20B; 20C; 21]
SB	+	[23; 24; 25; 26; 27A; 27B; 28A; 28B; 28C; 29]
SC	+	[11; 12]
SC1	+	[/11; /12]
SC2	+	[/11; /12]
SD	+	[11; 12]

Form 4
SA	+	[13; 14A; 15B; 15; 16A; 16B; 17A; 17B; 18A; 18B; 19A; 19B]
SB	+	[21A; 21B; 22; 23A; 23B; 24A; 24B]
SC	+	[/9; /10]
SC1	+	[/9; /10]
SC2	+	[/9; /10]
SD	+	[9; 10]

Form 24
    SE

Form 5
    F56

    F56

Form 6
    F65

Form 7
    F76

Form 9
    F91

    F92

    F93

    F94

Form 13
    F132

    F133

An Error Message *"Schedule does not belong with Form _____"* is given whenever a schedule not associated with a filing form, as listed above, is encountered.

Forms F24 and F6, and F9 must have at least one schedule included with a filing, otherwise an Error-level Message *"No Schedules have been provided with Filing _____"* is issued.

Forms F5, F7 and F13 must have at least one schedule included with a filing, otherwise a Warning-level Message *"No Schedules have been provided with Filing _____"* is issued.

APPENDIX D – (SUMMARY OF MODIFICATIONS)

Modifications to Version V7.0.1.1 Vendpak

Summary of Modifications made to FEC Version 6.4 creating FEC Format Version 7.0

Summary of Modifications made to FEC Version 7.0.1.0 thru Version 7.0.1.1

Changes to Vendpak inclusion files Version 7.0.1.1:
1) Modified FEC_Format_v7.0.pdf (this file) to conform with new FECCheck 7.0.1.1 modifications;
2) Update FEC_MODS.TXT to reflect all modifications;
3) A windows batch file that displays exit status code and usage information is now included in FECCheck folder; and
4) Version number updated.

Changes to FECCheck Version 7.0.1.1:
1) FECCheck.jar now includes .MS2 (-m) and MS3 (–t) file output capability via a command line option/switch;
2) FECCheck.jar now includes Usage information option/switch (-h);
3) FECCheck.jar now includes UNIX compatible exit status codes with the use of an option/switch (-u);
4) Output message file will be overwritten if same filename exist, but will fail if privileges are insufficient; and
5) Version number updated.

Changes to Vendpak inclusion files Version 7.0.1.0:
5) Modified FEC_Format_v7.0.xlsx to conform with new F3P and F3PS Form modifications;
6) Modified FEC_Format_v7.0.pdf (this file) to conform with new F3P and F3PS Form modifications; and
7) Update FEC_MODS.TXT to reflect all modifications.

Changes to Format Version 7.0:
1) HDR – Header record in electronic filing;
   - Field #3 – FEC Format Version Number must be '7.0'
2) F3P – Report of Receipts and Disbursements for an Presidential Committee;
   - Fields 35-37 – New contribution itemization fields added, and
   - Layout renumbered after #34.
3) F3PS – Additional Summary Report of Receipts and Disbursements for an Presidential Committee;
   - Fields 8-10 – New contribution itemization fields added, and
   - Layout renumbered after #7.
4) Form 8 (Debt Settlement Plan) and its schedules (F82 & F83) have been removed;
5) TEXT – Misc. Text Related to a Report, Schedule or Itemization; and
   - Fields 4 & 5 – Required Rule clarified and enforced.
6) Several layouts (F1, F3S, F3X, F3L, F5, F7, H3, & TEXT) contain textual modifications without impact.

Changes to FECheck6 Version 7.0.1.0:
6) FECHeck6 was renamed to FECCheck;
7) FECCheck was converted to Operating System (OS) independent JAVA Platform;
8) Inserted new F3P / F3PS fields in the FECCheck validation routine; and
9) TEXT – Misc. Text Related to a Report, Schedule or Itemization.
   a. Fields 4 & 5 – Required Rule clarified and enforced.

Changes to FECPrint Version 7.0.1.0:
1) New F3P / F3PS contribution fields added.

Summary of Modifications made to FEC Version 6.4.1.6 thru Version 6.4.1.8

Changes to Vendpak inclusion files Version 6.4.1.8:
8) Modified demo.c to display correct command line usage;
9) Modified demo.c to not to pass md5 as a parameter; and
10) Recompiled DEMO.exe and replaced it with existing one.

Changes to FECheck6 Version 6.4.1.8:
10) FECheck6.dll modified to write all intermediate, temporary work files to the Windows User's "temp" folder.
11) Modified both Windows dll and Command-line exe versions to accommodate directory/file paths that contain spaces.

Changes to FECPrint Version 6.4.1.8:
2) Addresses imaging issue that caused core dumps

Changes to FECPrint Version 6.4.1.7:
1) Corrected mapping issue on F3 Summary Page line numbers 6-10.

APPENDIX E – (TECHNICAL SPECIFICATIONS)

Technical specifications for use of FEC supplied vendor utilities

Acknowledgement of NIC software copyright does not need to be included within Third Party software; however NIC maintains copyrights to the following programs: FECCheck.jar

If the MD5 check-digit program is used, Developers must also include the following acknowledgment in their programs and documentation:

> RSA Data Security, Inc., MD5 message-digest algorithm
> Copyright (C) 1991-2, RSA Data Security, Inc.
> Created 1991. All rights reserved.

SPECIAL WORD TO VENDORS

We encourage your comments and suggestions. It is our intention that the any communication regarding such suggestions be accurately conveyed in a manner which will create a spirit of mutual cooperation and thus serve the ultimate interest of filers, vendors, and the public.

Thank you.

FEC E-FILING SPECIFICATIONS REQUIREMENTS

VERSION 7.0   March 28, 2011   DocID: FEC_Format_v7.0.docx

Files contained in the Vendor Developer Pack

README.txt	This file which lists the contents of VendPak.zip.
FEC_Format_v7.0.pdf	Document that describes FEC specifications for electronic filing.
FEC_Format_v7.0.xlsx	MS Excel spreadsheet - Contains detailed formats for each
FECCheck.jar	JAVA version of the FEC Validator
FECCheck.bat	Windows batch file to call FECCheck.jar
MD5_32.DLL	Windows/DLL version of RSA's check-digit program.
MD5_32.LIB	Import library for MD5_32.DLL.
MDUTIL.H	C header file for MD5 program.
{Samples}.FEC	Sample ".FEC" files are included as examples of electronic files. They can be run through FECCheck to assist developers in getting familiar with the program.

The **JAVA version of FECCheck** may be call programmatically or run from command line.

USAGE / SYNTAX

java –jar FECCheck.jar [OPTION] [[DRIVE:][\path\]inputfilename[.FEC]] [[DRIVE:][\path\]outputfilename.msg]

DESCRIPTION

Minimum JAVA requirement for FECCheck.jar is JAVA5 or higher and available at:
http://www.java.com/en/download

FECCheck displays the number of warnings and errors that are encountered. Messages are written to the output '.MSG' file on the same drive/directory as the input '.FEC' file.

A second parameter specifying an alternative location and name of the Message file may be given. If specified, the Message file will be directed to the drive/path specified in the second parameter.

The '.MSG' output file will be overwritten. Should the write fail, the following message is given to the standard output:

"The input/output file was not found in the specified location or does not have sufficient privileges!"

Along with the message file, FECCheck exits with one of three status codes:

Exit Status	Description
> 0	Failed validation with errors (where value is equivalent to number of errors). NOTE: Warnings may exist, but exit status will be equivalent to errors only.
== 0	Successful validation with no errors or warnings.
< 0	Successful validation with warnings only (where value is equivalent to number of warnings as negative number).

Normally FECCheck will list 32,000 error or warning messages (if there are any). Should this maximum error/warning count be attained during the validation process, FECCheck will terminate with "*Validation Terminated! - Over 32,000 Problems Found!*" and the appropriate exit status code to that point. Errors will not be accepted by the FEC. Warning messages should not occur, however, filings with messages (none of which are considered errors) may be conditionally accepted by the FEC.

The '-m' option/switch is used to indicate if an '.MS2' file is to be created along with the '.MSG' file. The '.MS2' file contains the same information that is written to the formatted '.MSG' file, but as comma-delimited CSV text file.

The layout of the comma-delimited '.MS2' file is:
1) Form Name (eg. SA111, SB17, ...);
2) Tran_ID of an Itemization in a Schedule;
3) Identifying Name of an Itemization in a Schedule;
4) Column # {refer to .xlsx spreadsheet} of Field in Error;
5) Descriptive name of the Field in Error;
6) Error Level (04 or 08); and
      (NOTE: Error levels have been reduced to Error [8] or Warnings [4])
7) Error Message.

The '-t' option/switch is used to request that FECCheck create an '.MS3' file along with the '.MSG' file. This third message file lists the schedules & Tran_IDs of itemizations that are found to have errors. It can be used by vendor software to highlight the transactions that have something that is causing a validation error.

OPTIONS

-v   Use exclusively to obtain version information.
-b   Use exclusively in conjunction with –v only to obtain build information (e.g. -vb)
-h   Displays help/usage information.
-m   Generates an additional output message file, but as comma-delimited CSV text file with an extension of '.MS2'.
-t   Generates an additional text file listing the schedules and their respective transaction IDs that are found to have errors.
-u   Returns an exit status usable to UNIX

Exit Status (Windows)	Exit Status (UNIX)	Description
257	1	Failed validation with errors. NOTE: Warnings may exist, but exit status will be based on errors only.
256	0	Successful validation with no errors or warnings.
255	255	Successful validation with warnings only.

EXAMPLES

Display FECCheck version/build to determine latest build:
      java –jar FECCheck.jar -v
Display FECCheck usage information:
      java –jar FECCheck.jar -h
Validate F3P-Test.fec file allowing FECCheck to generate message output file in same directory as input file:
      java –jar FECCheck.jar D:\ValidationTEST\F3P-Test.fec
Validate F3P-Test.fec file specifying different output filename and path:
      java –jar FECCheck.jar D:\ValidationTEST\F3P-Test.fec D:\ValidationOutputTest\ValidTest.msg
Include CSV message file in same directory as formatted output '.MSG' file for F3P-Test.fec file:
      java –jar FECCheck.jar –m D:\ValidationTEST\F3P-Test.fec D:\ValidationOutputTest\ValidTest.msg
Include CSV error file in same directory as formatted output '.MSG' file for F3P-Test.fec file:
      java –jar FECCheck.jar –t D:\ValidationTEST\F3P-Test.fec D:\ValidationOutputTest\ValidTest.msg
Validate with Unix compatible exit status codes:
      java –jar FECCheck.jar –u D:\ValidationTEST\F3P-Test.fec

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The **JAVA version of FECCheck** can be called from a Windows program. The following sample code is used to call **FECCheck** in C/C++. Two parameters are passed from the Visual C program to FECCheck.jar, which returns "Error Count" for evaluation after the call.

    1) string containing "c:\path\filename.FEC" (FEC's ASCII 28 delimited file)
    2) string containing "c:\path\filename.MSG" (Message/Output file)
    3) Return value "Integer" (Error Count)

Sample Visual C++ code for calling FECCheck.jar:

```
STARTUPINFO si = { 0 };
si.cb = sizeof(STARTUPINFO);
si.lpReserved = 0;
si.lpReserved2 = 0;
si.cbReserved2 = 0;
si.lpDesktop = 0;
si.dwFlags = 0;

PROCESS_INFORMATION child = { 0 };

if (CreateProcess("C:\\windows\\system32\\java.exe"," -jar FECCheck.jar input.fec output.msg", NULL, NULL,
false, CREATE_NO_WINDOW, NULL, NULL, &si, &child) == false) {
        MessageBox(NULL, LPCSTR("Could not load app"), LPCSTR("Error"), 0);
}

// block thread on end of new process
VERIFY(WaitForSingleObject(child.hProcess, INFINITE) == WAIT_OBJECT_0);

DWORD exitcode = -1;
VERIFY(GetExitCodeProcess(child.hProcess, &exitcode));

int errLvl = exitcode;
if (errLvl < 0)
        AfxMessageBox("Validation Succeeded with Warnings");
    else if (errLvl > 0)
        AfxMessageBox("Validation Failed with Errors");
    else
        AfxMessageBox("Validation Succeeded");
```

Note: A Microsoft OS security feature (Data Execution Prevention) may cause a FECCheck execution failure. Should this occur, simply add the FECCheck.jar to the acceptable programs and services list. This feature may be accessed from: System Properties==> Advance Tab==> Performance Settings Button==> Data Execution Prevention Tab.

The **DOS version of MD5** is run from the DOS command line.

Syntax: MD5 < [c:\path\filename.FEC]

Notes: The "<" MUST be included on the command line so that MD5 uses "translate" mode while reading the file. Translate mode changes all CR-LF pairs into single LF characters, matching the way text files are handled on Unix based systems. MD5 does not assume that the suffix is .FEC when it is not explicitly entered.

The **Windows version of MD5_32.DLL** can be called from a Windows program. The following sample code is used to call MD5_32 in Visual Basic. Two parameters are passed from the VB program to MD5_32.DLL.

1) string containing "c:\path\filename.FEC" (FEC's CSV file)
2) string in which a 32-character "Check Sum" is returned.

Sample Visual Basic code for calling MD5_32.DLL:

```
' Global declarations

      Declare Sub                    -(continued on next line)
       MD5 Lib "MD5_32.DLL"          -(continued on next line)
       (ByVal FECfile As String, ByVal CheckSum As String)

' Code in the VB form ...

    Dim FECfile As String,
    Dim CheckSum As String * 33          ' CheckSum string MUST be 33 characters)

    FECfile = "d:\path\filename.FEC" & Chr$(0) ' File with null terminator
    CheckSum = Chr$(0)

    Call MD5(FECfile, CheckSum)          ' Call MD5_32.DLL to generate a CheckSum

 ' Note: CheckSum will be 32-characters with a null terminator in Pos 33.
  ' [ Reference CheckSum in VB by specifying Left$(CheckSum, 32) ]
```

Notes for C++ programmers about including RSA's MD5 checksum program within applications:

MD5_32.DLL is a '32-bit' DLL, suitable for Windows 95 / NT developers.

The MD5_... DLLs each export a single function, MD5(), that computes a 256-bit 'MD5 checksum' for a specified (ASCII) data file.

The prototype for MD5() is in MDUTIL.H, which should be #include'd in code that calls MD5(). The preprocessor variable WIN32 should be defined before including MDUTIL.H in 32-bit code. The preprocessor variable BUILD_MD5_DLL should *always* be undefined.

Upon entry to MD5(), 'data_file' should point to a zero-terminated string that is the name of the file for which the MD5 checksum is to be computed. 'ascii_digest' should point to a valid memory block that is at least 33 bytes long.

MD5() returns the 256-bit MD5 checksum for 'data_file' in 'ascii_digest', as a zero-terminated string. Each byte of the 'ascii_digest' is the ASCII representation of a single hexadecimal digit in the checksum.

MDUTIL.H is a header file for inclusion in C++ source code that calls MD5_32.DLL. The preprocessor variable WIN32 should be defined before including MDUTIL.H in 32-bit code. The preprocessor variable DLL_MD5_BUILD should *always* be undefined.

Example :


```
    char ascii_digest[33];

    if (::MD5("filename.ext", ascii_digest))
     {
// 'ascii_digest' contains the checksum for "filename.ext"
     }
     else
      {
// unable to open "filename.ext"
     }
```