SAM Entity Management Public Extract Layout

Monthly File Name ASCII: SAM_PUBLIC_MONTHLY_YYYYMMDD.ZIP
Monthly File Name UTF-8: SAM_PUBLIC_UTF-8_MONTHLY_YYYYMMDD.ZIP
Daily File Name ASCII: SAM_PUBLIC_DAILY_YYYYMMDD.ZIP
Daily File Name UTF-8: SAM_PUBLIC_UTF-8_DAILY_YYYYMMDD.ZIP

Column Order	SAM Data Element List	Data Format	Max Length
1	DUNS	Numeric	9
2	DUNS+4	STRING	4
3	CAGE CODE	STRING	5
4	DODAAC	STRING	9
5	SAM EXTRACT CODE Monthly File: A - Active - Send the Complete Record. E - Expired - Send the Complete Record. Daily File: 1 - Deleted/Deactivated Record - Send DUNS, DUNS+4, CAGE Code, DODAAC, SAM Extract Code, Purpose of Registration. 2 - New Active Record - Send the Complete Record. 3 - Updated Active Record - Send the Complete Record. 4 - Expired Record - DUNS, DUNS+4, CAGE Code, DODAAC, SAM Extract Code, Purpose of Registration.	STRING	1
6	PURPOSE OF REGISTRATION Z1 - Federal Assistance Awards Z2 - All Awards Z3 - IGT-Only Z4 - Federal Assistance Awards & IGT Z5 - All Awards & IGT	STRING	2
7	INITIAL REGISTRATION DATE	YYYYMMDD	8
8	EXPIRATION DATE	YYYYMMDD	8
9	LAST UPDATE DATE	YYYYMMDD	8
10	ACTIVATION DATE	YYYYMMDD	8
11	LEGAL BUSINESS NAME	STRING	120
12	DBA NAME	STRING	120
13	COMPANY DIVISION	STRING	60
14	DIVISION NUMBER	STRING	10
15	PHYSICAL ADDRESS LINE 1	STRING	150
16	PHYSICAL ADDRESS LINE 2	STRING	150
17	PHYSICAL ADDRESS CITY	STRING	40
18	PHYSICAL ADDRESS PROVINCE OR STATE	STRING	55
19	PHYSICAL ADDRESS ZIP/POSTAL CODE	STRING	50
20	PHYSICAL ADDRESS ZIP CODE +4	Numeric	4
21	PHYSICAL ADDRESS COUNTRY CODE	STRING	3
22	ENTITY CONGRESSIONAL DISTRICT	Numeric	10
23	BUSINESS START DATE	YYYYMMDD	8
24	FISCAL YEAR END CLOSE DATE	MMDD	4
25	CORPORATE URL	STRING	200

Column Order	SAM Data Element List	Data Format	Max Length
26	ENTITY STRUCTURE	STRING	2
27	STATE OF INCORPORATION	STRING	2
28	COUNTRY OF INCORPORATION	STRING	3
29	BUSINESS TYPE COUNTER	Numeric	4
30	BUSINESS TYPE STRING Hold the string of business type codes, the number codes corresponding to the BUSINESS TYPE COUNTER	~ Separated	220
31	PRIMARY NAICS	STRING	6
32	NAICS CODE COUNTER	Numeric	4
33	NAICS CODE STRING Holds the string of NAICS codes, the number of codes corresponding to the NAICS CODE COUNTER	~ Separated	12000
34	PSC CODE COUNTER	Numeric	4
35	PSC CODE STRING Holds the string of PSC codes, the number of codes corresponding to the PSC CODE COUNTER	~ Separated	2500
36	CREDIT CARD USAGE	Y or N	1
37	CORRESPONDENCE FLAG	M, F, or E	1
38	MAILING ADDRESS LINE 1	STRING	150
39	MAILING ADDRESS LINE 2	STRING	150
40	MAILING ADDRESS CITY	STRING	40
41	MAILING ADDRESS ZIP/POSTAL CODE	STRING	50
42	MAILING ADDRESS ZIP CODE +4	Numeric	4
43	MAILING ADDRESS COUNTRY	STRING	3
44	MAILING ADDRESS STATE OR PROVINCE	STRING	55
45	GOVT BUS POC FIRST NAME	STRING	65
46	GOVT BUS POC MIDDLE INITIAL	STRING	3
47	GOVT BUS POC LAST NAME	STRING	65
48	GOVT BUS POC TITLE	STRING	50
49	GOVT BUS POC ST ADD 1	STRING	150
50	GOVT BUS POC ST ADD 2	STRING	150
51	GOVT BUS POC CITY	STRING	40
52	GOVT BUS POC ZIP/POSTAL CODE	STRING	50
53	GOVT BUS POC ZIP CODE +4	Numeric	4
54	GOVT BUS POC COUNTRY CODE	STRING	3
55	GOVT BUS POC STATE OR PROVINCE	STRING	55
56	GOVT BUS POC U.S. PHONE	Numeric	30
57	GOVT BUS POC U.S. PHONE EXT	STRING	25
58	GOVT BUS POC NON-U.S. PHONE	STRING	30
59	GOVT BUS POC FAX U.S. ONLY	STRING	30
60	GOVT BUS POC EMAIL	STRING	80
61	ALT GOVT BUS POC FIRST NAME	STRING	65
62	ALT GOVT BUS POC MIDDLE INITIAL	STRING	3
63	ALT GOVT BUS POC LAST NAME	STRING	65
64	ALT GOVT BUS POC TITLE	STRING	50
65	ALT GOVT BUS POC ST ADD 1	STRING	150
66	ALT GOVT BUS POC ST ADD 2	STRING	150
67	ALT GOVT BUS POC CITY	STRING	40

Column Order	SAM Data Element List	Data Format	Max Length
68	ALT GOVT BUS POC ZIP/POSTAL CODE	STRING	50
69	ALT GOVT BUS POC ZIP CODE +4	Numeric	4
70	ALT GOVT BUS POC COUNTRY CODE	STRING	3
71	ALT GOVT BUS POC STATE OR PROVINCE	STRING	55
72	ALT GOVT BUS POC U.S. PHONE	Numeric	30
73	ALT GOVT BUS POC U.S. PHONE EXT	STRING	25
74	ALT GOVT BUS POC NON-U.S. PHONE	STRING	30
75	ALT GOVT BUS POC FAX U.S. ONLY	STRING	30
76	ALT GOVT BUS POC EMAIL	STRING	80
77	PAST PERF POC POC FIRST NAME	STRING	65
78	PAST PERF POC POC MIDDLE INITIAL	STRING	3
79	PAST PERF POC POC LAST NAME	STRING	65
80	PAST PERF POC POC TITLE	STRING	50
81	PAST PERF POC ST ADD 1	STRING	150
82	PAST PERF POC ST ADD 2	STRING	150
83	PAST PERF POC CITY	STRING	40
84	PAST PERF POC ZIP/POSTAL CODE	STRING	50
85	PAST PERF POC ZIP CODE +4	Numeric	4
86	PAST PERF POC COUNTRY CODE	STRING	3
87	PAST PERF POC STATE OR PROVINCE	STRING	55
88	PAST PERF POC U.S. PHONE	Numeric	30
89	PAST PERF POC U.S. PHONE EXT	STRING	25
90	PAST PERF POC NON-U.S. PHONE	STRING	30
91	PAST PERF POC FAX U.S. ONLY	STRING	30
92	PAST PERF POC EMAIL	STRING	80
93	ALT PAST PERF POC FIRST NAME	STRING	65
94	ALT PAST PERF POC MIDDLE INITIAL	STRING	3
95	ALT PAST PERF POC LAST NAME	STRING	65
96	ALT PAST PERF POC TITLE	STRING	50
97	ALT PAST PERF POC ST ADD 1	STRING	150
98	ALT PAST PERF POC ST ADD 2	STRING	150
99	ALT PAST PERF POC CITY	STRING	40
100	ALT PAST PERF POC ZIP/POSTAL CODE	STRING	50
101	ALT PAST PERF POC ZIP CODE +4	Numeric	4
102	ALT PAST PERF POC COUNTRY CODE	STRING	3
103	ALT PAST PERF POC STATE OR PROVINCE	STRING	55
104	ALT PAST PERF POC U.S. PHONE	Numeric	30
105	ALT PAST PERF POC U.S. PHONE EXT	STRING	25
106	ALT PAST PERF POC NON-U.S. PHONE	STRING	30
107	ALT PAST PERF POC FAX U.S. ONLY	STRING	30
108	ALT PAST PERF POC EMAIL	STRING	80
109	ELEC BUS POC FIRST NAME	STRING	65
110	ELEC BUS POC MIDDLE INITIAL	STRING	3
111	ELEC BUS POC LAST NAME	STRING	65
112	ELEC BUS POC TITLE	STRING	50
113	ELEC BUS POC ST ADD 1	STRING	150
114	ELEC BUS POC ST ADD 2	STRING	150
115	ELEC BUS POC CITY	STRING	40

Column Order	SAM Data Element List	Data Format	Max Length
116	ELEC BUS POC ZIP/POSTAL CODE	STRING	50
117	ELEC BUS POC ZIP CODE +4	Numeric	4
118	ELEC BUS POC COUNTRY CODE	STRING	3
119	ELEC BUS POC STATE OR PROVINCE	STRING	55
120	ELEC BUS POC U.S. PHONE	Numeric	30
121	ELEC BUS POC U.S. PHONE EXT	STRING	25
122	ELEC BUS POC NON-U.S. PHONE	STRING	30
123	ELEC BUS POC FAX U.S. ONLY	STRING	30
124	ELEC BUS POC EMAIL	STRING	80
125	ALT ELEC POC BUS POC FIRST NAME	STRING	65
126	ALT ELEC POC BUS POC MIDDLE INITIAL	STRING	3
127	ALT ELEC POC BUS POC LAST NAME	STRING	65
128	ALT ELEC POC BUS POC TITLE	STRING	50
129	ALT ELEC POC BUS ST ADD 1	STRING	150
130	ALT ELEC POC BUS ST ADD 2	STRING	150
131	ALT ELEC POC BUS CITY	STRING	40
132	ALT ELEC POC BUS ZIP/POSTAL CODE	STRING	50
133	ALT ELEC POC BUS ZIP CODE +4	Numeric	4
134	ALT ELEC POC BUS COUNTRY CODE	STRING	3
135	ALT ELEC POC BUS STATE OR PROVINCE	STRING	55
136	ALT ELEC POC BUS U.S. PHONE	Numeric	30
137	ALT ELEC POC BUS U.S. PHONE EXT	STRING	25
138	ALT ELEC POC BUS NON-U.S. PHONE	STRING	30
139	ALT ELEC POC BUS FAX U.S. ONLY	STRING	30
140	ALT ELEC POC BUS EMAIL	STRING	80
141	NAICS EXCEPTION COUNTER	Numeric	4
142	NAICS EXCEPTION STRING Holds the string of NAICS exceptions, the number of codes corresponding to the NAICS EXCEPTION COUNTER	~ Separated	1100
143	DEBT SUBJECT TO OFFSET FLAG	Y, N, Null	1
144	EXCLUSION STATUS FLAG	D or Null	1
145	SBA BUSINESS TYPES COUNTER	Numeric	4
146	SBA BUSINESS TYPES STRING Holds the string of SBA business type codes, the number of codes corresponding to the SBA BUSINESS TYPES COUNTER	~ Separated	125
147	NO PUBLIC DISPLAY FLAG	NPDY or null	4
148	DISASTER RESPONSE COUNTER	Numeric	4
149	DISASTER RESPONSE STRING Holds the string of disaster response area serviced codes and area code value groups corresponding to the DISASTER RESPONSE COUNTER	~ Separated	75
150	END OF RECORD INDICATOR = "!end"	STRING	4

All data elements will be separated with a pipe character ("|").

File Header and Trailer

Each file shall begin and end with the same with the same header and trailer layout as below:

Header record layout:

- "BOF PUBLIC "
- YYYYMMDD
- YYYYMMDD
- Record count always zeros 9999999
- Sequence number 9999999
- Example— BOF PUBLIC 20150911 20150911 0003861 0005253

Trailer record layout:

- "EOF PUBLIC "
- YYYYMMDD
- YYYYMMDD
- Record count always zeros 9999999
- Sequence number 9999999
- Example— EOF PUBLIC 20150911 20150911 0003861 0005253

Repeating Field (Counter) Strings

SAM Extracts contain several instances of counters working in relation to repeating value fields, such as Business Types, NAICS codes, and Product and Service Codes (PSCs).

The counter will read "0000" followed by an empty string if there are no codes of that type for the entity. Where the counter is 0001 or greater, the codes will be disseminated consecutively in one string with a ~ (tilde) separating each code or code group in the string.

Business Type String

29	BUSINESS TYPE COUNTER	Numeric	4
30	BUSINESS TYPE STRING Hold the string of business type codes, the number codes corresponding to the BUSINESS TYPE COUNTER	~ Separated	220

Breakdown of the string and example below:
". . . ~8W~A7~A8~. . ."

Position 1 = Business Type Code == "8W", "A7", "A8"

For a full listing of Business Type Codes, please refer to the SAM Functional Data Dictionary.

NAICS Code String

32	NAICS CODE COUNTER	Numeric	4
33	NAICS CODE STRING Holds the string of NAICS codes, the number of codes corresponding to the NAICS CODE COUNTER	~ Separated	12000

NAICS CODE STRING: Repeat X times to correspond with counter. The letter next to the NAICS code is the Small Business indicator (Y/N/E).

Please note: The following NAICS codes are not used for Federal procurement purposes, therefore do not have an SBA-established small business size standard. There will be no Y/N/E answer for the small business status associated with the NAICS codes below. These NAICS codes will be sent with a blank space " " in place of the Y/N/E answer:

112130, 521110, 541120, 551114, 814110, 921110, 921120, 921130, 921140, 921150, 921190, 922110, 922120, 922130, 922140, 922150, 922160, 922190, 923110, 923120, 923130, 923140, 924110, 924120, 925110, 925120, 926110, 926120, 926130, 926140, 926150, 927110, 928110

Breakdown of the string and example below:
"… ~237990N~541340N~ …"
Position1 = NAICS Code == "237990", "541340"
Position2 = Small Business Indication == "N", "N"

PSC Code String

34	PSC CODE COUNTER			*Numeric*	*4*
35	PSC CODE STRING Holds the string of PSC codes, the number of codes corresponding to the PSC CODE COUNTER			*~ Separated*	*2500*

PSC CODE STRING: Repeat X times to correspond with counter.

Breakdown of the string and example below:
"… ~Y159~Y161~Y162~Y163~Y179~Y222~Z200~Z300~ …"
Position1 = PSC Code == "Y159", "Y161", "Y162", "Y163", "Y179", "Y222", "Z200", "Z300"

NAICS Exception String

141	NAICS EXCEPTION COUNTER			*Numeric*	*4*
142	NAICS EXCEPTION STRING Holds the string of NAICS exceptions, the number of codes corresponding to the NAICS EXCEPTION COUNTER			*~ Separated*	*1100*

There are 13 NAICS codes with possible size exceptions. And there are from two to four exceptions for each of these NAICS codes. The first 6 digits (1st position) of NAICS EXCEPTIONS is the NAICS code, followed by a 'Y', 'N' or NULL in each of the next four positions. Note that in this string a NULL value is denoted by a space rather than the word "NULL". The values of the string are outlined below within the quotation marks.
Breakdown of the string and example below:

"… ~115310YN ~541330NYY ~ …"
Position1 = NAICS Code == "115310" , "541330"
Position2 = NAICS Exception 1 == "Y", "N"
Position3 = NAICS Exception 1 == "N" , "Y"
Position4 = NAICS Exception 1 == NULL " " , "Y"
Position5 = NAICS Exception 1 == NULL " " , NULL " "

The NAICS Exception string is utilized when one of the NAICS Codes in the table to the left is used. When one of these NAICS Codes is present, the NAICS String will have an "E" rather than the normal "Y" or "N" response. This is to direct the user to look at the NAICS Exception String. Every NAICS Code that has an exception has between 1 and 4 exceptions, as outlined in the table.

The first exception (1) is always the Y/N answer General Base NAICS Business Size standard. This is the Y/N answer that would have been in the NAICS String, had the NAICS not have been an Exception NAICS. The remaining exceptions are the exceptions for the specific industry sectors.

SBA Business Types String

145	SBA BUSINESS TYPES COUNTER		*Numeric*	*4*
146	SBA BUSINESS TYPES STRING Holds the string of SBA business type codes, the number of codes corresponding to the SBA BUSINESS TYPES COUNTER		*~ Separated*	*125*

SBA Certification String: Holds X program participation and expiration dates to correspond to the counter. The first 2 positions of SBA Certifications is an SBA Business Code followed by an expiration date in YYYYMMDD format.

Breakdown of the string and example below:
". . . ~A620210101~XX20210102~. . ."
Position1 = Business Type Code == "A6", "XX"
Position2 = SBA Cert Expiration Date == "20210101", "20210102"

The possible SBA Small Business types are below:

Business Type Code	Business Type Name
A6	SBA Certified 8A Program Participant
JT	SBA Certified 8A Joint Venture
XX	SBA Certified HUBZone Firm

Disaster Response String

148	DISASTER RESPONSE COUNTER		*Numeric*	*4*
149	DISASTER RESPONSE STRING Holds the string of disaster response area serviced codes and area code value groups corresponding to the DISASTER RESPONSE COUNTER		*~ Separated*	*75*

The first three positions of a Disaster Response string entry represent an area serviced code, followed by an area code. State area codes are two positions, County area codes are five positions and Metropolitan Service Area codes are four positions. An area serviced code of "ANY" will not be followed by an area code.

Breakdown of the string and example below:
"CTYFL051~CTYFL085~CTYFL099~MSA2700~MSA2710~MSA8960~STAFL"

Position1 = Type Code == "CTY" , "CTY", "CTY", "MSA" , "MSA", "MSA", "STA"
Position2 = Area Code == "FL051" , "FL085" , "FL099", "2700", "2710", "8960", "FL"

CTY = County code
FL051 = Pasco

FL085 = Sarasota
FL099 = Fairfield
MSA = Metropolitan Service Area code
2700 = Fort Myers-Cape Coral, FL
2710 = Fort Pierce-Port St Lucie, FL
8960 = West Palm Beach-Boca Raton, FL
STA = State code
FL = Florida (Per STATE_List.csv)

The list of Area Serviced Codes (the first 3 fields of a Disaster response entry) are below:

Type Code	Type Description
ANY	Any area
STA	State
CTY	County
MSA	Metropolitan Service Area