



EDGARLink Online XML Technical Specification

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1. INTRODUCTION

1.1 Purpose

This document details the valid structure and content of the EDGARLink Online (ELO) Electronic Data Gathering, Analysis, and Retrieval (EDGAR) Extensible Markup Language (XML) submission types. The following tables list the submission types for ELO.

Table 1-1: Single Filer

SUBMISSION TYPE	DESCRIPTION
13F-HR	Initial Quarterly Form 13F Holdings report filed by institutional managers
13F-HR/A	Amendment to Initial Quarterly Form 13F Holdings report filed by institutional managers
13F-NT	Initial Quarterly Form 13F Notice Report filed by institutional managers
13F-NT/A	Amendment to Initial Quarterly Form 13F Notice Report filed by institutional managers
ANNLRPT	Periodic Development Bank filing, submitted annually
ANNLRPT/A	Amendment to periodic Development Bank filing, submitted annually
DSTRBRPT	Distribution of primary obligations Development Bank report
DSTRBRPT/A	Amendment to distribution of primary obligations Development Bank report
DSTRBRPT	Distribution of primary obligations Development Bank report
DSTRBRPT/A	Amendment to distribution of primary obligations Development Bank report
IRANNOTICE	Notice of Iran-related disclosure filed pursuant to Section 13(r)(3) of the Exchange Act
N-6F	Notice of intent by business development companies to elect to be subject to Sections 55 through 65 of the 1940 Act filed on Form N-6F
N-6F/A	Amendment to Notice of intent by business development companies to elect to be subject to Sections 55 through 65 of the 1940 Act filed on Form N-6F
N-8A	Initial notification of registration under section 8(a) filed on Form N-8A
N-8A/A	Amendment to initial notification of registration under section 8(a) filed on Form N-8A
N-54A	Notification of election by business development companies filed on Form N-54A
N-54C/A	Amendment to notification of withdrawal by business development companies filed on Form N-54C
QRTLYRPT	Periodic Development Bank filing, submitted quarterly
QRTLYRPT/A	Amendment to Periodic Development Bank filing, submitted quarterly
SH-ER	Weekly Form SH Entries Report Filed by Institutional Investment Managers
SH-ER/A	Amendment to a Weekly Form SH Entries Report Filed by Institutional Investment Managers
SH- NT	Weekly Form SH Notice Report Filed by Institutional Investment Managers

SH- NT/A	Amendment to Weekly Form SH Notice Report Filed by Institutional Investment Managers
N-PX-NT	Annual Form N-PX Notice filed by institutional managers
N-PX-NT/A	Amendment to a Annual Form N-PX Notice filed by institutional managers
N-PX-VR	Annual Form N-PX Voting Report filed by institutional managers
N-PX-VR/A	Amendment to a Annual Form N-PX Voting Report filed by institutional managers
N-PX-CR	Annual Form N-PX Combination Report filed by institutional managers
N-PX-CR/A	Amendment to a Annual Form N-PX Combination Report filed by institutional managers

Table 1-2: Single Filer SC

SUBMISSION TYPE	DESCRIPTION
497K	Summary Prospectus for certain open-end management investment companies filed pursuant to Securities Act Rule 497(k)
N-PX	Annual Report of Proxy Voting Record of Registered Management Investment Companies filed on Form N-PX
N-PX/A	Amendment to an Annual Report of Proxy Voting Record of Registered Management Investment Companies filed on Form N-PX
N-PX-FM	Annual Report of Proxy Voting Record of Registered Management Investment Companies that includes proxy votes of institutional managers
N-PX-FM/A	Amendment to Annual Report of Proxy Voting Record of Registered Management Investment Companies that includes proxy votes of institutional managers

Table 1-3: Single Filer SC Fee

SUBMISSION TYPE	DESCRIPTION
24F-2NT	Rule 24F-2 notice filed on Form 24F-2
24F-2NT/A	Amendment to Rule 24F-2 notice filed on Form 24F-2

Table 1-4: CoReg

SUBMISSION TYPE	DESCRIPTION
487	Pre-effective pricing amendment filed pursuant to Securities Act Rule 487
6-K	Report of Foreign Private Issuer
8-K	Current report filing
10-K	Annual report pursuant to section 13 and 15(d)
AW WD	Withdrawal of a request for withdrawal of an amendment to a registration statement
F-3DPOS	Post-Effective amendment to a F-3D registration
F-4 POS	Post-effective amendment to a F-4EF registration
F-7POS	Post-effective amendment to a F-7 registration

SUBMISSION TYPE	DESCRIPTION
F-8POS	Post-effective amendment to a F-8 registration
F-80POS	Post-effective amendment to a F-80 registration
F-9 POS	Post-effective amendment to a F-9EF registration
F-10POS	Post-effective amendment to a F10EF registration
N-1	Initial registration statement filed on Form N-1 for open-end management investment companies
N-1/A	Pre-effective amendment to a registration statement filed on Form N-1 for open-end management investment companies
POS AM	Post-effective amendment to a registration statement that is not immediately effective upon filing
RW WD	Withdrawal of a request for withdrawal of a registration statement
S-3DPOS	Post-effective amendment to a S-3D registration statement
S-4 POS	Post-effective amendment to a S-4EF registration statement
S-6	Initial registration statement filed on Form S-6 for unit investment trusts
S-6/A	Pre-effective amendment for initial registration statement filed on Form S-6 for unit investment trusts
S-8 POS	Post-effective amendment to a S-8 registration statement
T-3	Initial application for qualification of trust indentures
T-3/A	Pre-effective amendment for initial application for qualification of trust indentures
T-6	Application for determination of eligibility of a foreign person to act as institutional trustee filed pursuant to Section 310(a)(1) of the Trust Indenture Act of 1939
T-6/A	Pre-effective amendment for application for determination of eligibility of a foreign person to act as institutional trustee filed pursuant to Section 310(a)(1) of the Trust Indenture Act of 1939

Table 1-5: CoReg Fee

SUBMISSION TYPE	DESCRIPTION
F-1	Registration statement for securities of certain foreign private issuers
F-1/A	Pre-effective amendment for registration statement for securities of certain foreign private issuers Registration statement for securities of certain foreign private issuers
F-1MEF	A new registration statement filed under Rule 462(b) to add securities to a prior related effective registration statement filed on Form F-1
F-3	Registration statement for specified transactions by certain foreign private issuers
F-3/A	Pre-Effective amendment registration statement for specified transactions by certain foreign private issuers
F-3/ASR	Automatic shelf registration statement of securities of well known seasoned issuers
F-3D	Registration statement for dividend or interest reinvestment plan securities of foreign private issuers

SUBMISSION TYPE	DESCRIPTION
F-3MEF	A new registration statement filed under Rule 462(b) to add securities to a prior related effective registration statement filed on Form F-3
F-4	Registration statement for securities issued by foreign private issuers in certain business combination transactions
F-4/A	Pre-effective amendment for registration statement for securities issued by foreign private issuers in certain business combination transactions
F-4EF	Auto effective registration statement for securities by certain foreign private issuers in connection with certain business combination transactions
F-4MEF	A new registration statement filed under Rule 462(b) to add securities to a prior related effective registration statement filed on Form F-4
F-7	Registration statement for securities of certain Canadian issuers offered for cash upon the exercise of rights granted to existing security holders under the Securities Act of 1933
F-7/A	Pre-effective amendment for registration statement for securities of certain Canadian issuers offered for cash upon the exercise of rights granted to existing security holders under the Securities Act of 1933
F-8	Registration statement for securities of certain Canadian issuers to be issued in exchange offers or a business combination under the Securities Act of 1933
F-8/A	Pre-effective amendment for registration statement for securities of certain Canadian issuers to be issued in exchange offers or a business combination under the Securities Act of 1933
F-80	Registration of securities of certain Canadian issuers to be issued in exchange offers or a business combination under the Securities Act of 1933
F-80/A	Pre-effective amendment for registration of securities of certain Canadian issuers to be issued in exchange offers or a business combination under the Securities Act of 1933
F-9	Registration of securities of certain investment grade debt or investment grade preferred securities of certain Canadian issuers under the Securities Act of 1933
F-9/A	Pre-effective amendment for Registration of securities of certain investment grade debt or investment grade preferred securities of certain Canadian issuers under the Securities Act of 1933
F-9EF	Auto effective registration of securities of certain investment grade debt or investment grade preferred securities of certain Canadian issuers under the Securities Act of 1933
F-10	Registration statement for securities of certain Canadian issuers under the Securities Act of 1933
F-10/A	Pre-effective amendment for registration statement for securities of certain Canadian issuers under the Securities Act of 1933
F-10EF	Auto effective registration statement for securities of certain Canadian issuers under the Securities Act of 1933
N-2	Initial filing of a registration statement on Form N-2 for closed-end investment companies
N-14 8C	Initial registration statement filed on Form N-14 by closed-end investment company (business combinations)
N-14 8C/A	Pre-effective amendment for initial registration statement filed on Form N-14 by closed-end investment company (business combinations)

SUBMISSION TYPE	DESCRIPTION
N-14MEF	A new registration statement filed on Form N-14 by closed end investment companies filed under Securities Act Rule 462(b) of up to an additional 20% of securities for an offering that was registered on Form N-14
N-2	Filing of a registration statement on Form N-2 for closed-end investment companies
N-2/A	Pre-effective amendment to a registration statement on Form N-2 for closed-end investment companies (this filing cannot be submitted as a 1940 Act only filing)
N-2MEF	A new registration statement on Form N-2 filed under the Securities Act Rule 462(b) by closed-end investment companies to register up to an additional 20% of securities for an offering that was registered on Form N-2
N-5	Initial registration statement on Form N-5 for small business investment companies
N-5/A	Pre-effective amendment to a registration statement on Form N-5 for small business investment companies (this filing cannot be submitted as a 1940 Act only filing)
POSASR	Post-effective amendment to an automatic shelf registration statement of Form S-3ASR or Form F-3ASR
S-1	General form of registration statement for all companies including face-amount certificate companies
S-1/A	Pre-effective amendment to a S-1 registration statement
S-11	Registration statement for securities to be issued by real estate companies
S-11/A	Pre-effective amendment to a S-11 registration statement
S-11MEF	A new registration statement filed under Rule 462(b) to add securities to a prior related effective registration statement filed on Form S-11
S-1MEF	A new registration statement filed under Rule 462(b) to add securities to a prior related effective registration statement filed on Form S-1
S-20	Registration statement for standardized options
S-20/A	Pre-effective amendment to a S-20 registration statement
S-3	Registration statement for specified transactions by certain issuers including face-amount certificate companies
S-3/A	Pre-effective amendment to a S-3 registration statement
S-3ASR	Automatic shelf registration statement of securities of well-known seasoned issuers
S-3D	Automatically effective registration statement for securities issued pursuant to dividend or interest reinvestment plans
S-3MEF	A new registration statement filed under Rule 462(b) to add securities to a prior related effective registration statement filed on Form S-3
S-4	Registration statement for securities to be issued in business combination transactions
S-4/A	Pre-effective amendment to a S-4 registration statement
S-4EF	Auto effective registration statement for securities issued in connection with the formation of a bank or savings and loan holding company in compliance with General Instruction G
S-4MEF	A new registration statement filed under Rule 462(b) to add securities to a prior related effective registration statement filed on Form S-4
S-8	Initial registration statement for securities to be offered to employees

SUBMISSION TYPE	DESCRIPTION
	pursuant to employee benefit plans
S-B	Registration statement for securities of foreign governments and subdivisions thereof under the Securities Act of 1933 (Schedule b)
S-B/A	Pre-effective amendment for S-B registration statement
S-BMEF	A new registration statement filed under Rule 462(b) to add securities to a prior related effective registration statement filed on Form S-B

Table 1-6: CoReg SC

SUBMISSION TYPE	DESCRIPTION
485APOS	Post-effective amendment filed pursuant to Securities Act Rule 485(a) (this filing cannot be submitted as a 1940 Act only filing)
485BPOS	Post-effective amendment filed pursuant to Securities Act Rule 485(b) (this filing cannot be submitted as a 1940 Act only filing)
485BXT	Post-effective amendment filed pursuant to Securities Act Rule 485(b)(1)(iii) to designate a new effective date for a post-effective amendment previously filed pursuant to Securities Act Rule 485(a) (this filing cannot be submitted as a 1940 Act only filing)
497	Definitive materials filed under paragraph (a), (b), (c), (d), (e) or (f) of Securities Act Rule 497
497AD	Filing by certain investment companies of Securities Act Rule 482 advertising in accordance with Securities Act Rule 497 and the Note to Rule 482(c)
497J	Certification of no change in definitive materials under paragraph (j) of Securities Act Rule 497
497K	Summary prospectuses for open-end management investment companies registered on Form N-1A filed pursuant to Securities Act Rule 497(k)
DEF 14A	Definitive proxy statements
DEF 14C	Definitive information statements
DEFA14A	Definitive additional proxy soliciting materials including Rule 14(a)(12) material. Note: Submission type DEFA14A can be filed as part of Form 8-K. For filers subject to 8-K filing requirements, we recommend the use of the 8-K combined form type as the easiest method for fulfilling your filing requirement for both forms.
DEFA14C	Definitive additional information statement materials including Rule 14(a)(12) material
DEFR14A	Definitive revised proxy soliciting materials
DEFR14C	Definitive revised information statement materials
DEFM14A	Definitive proxy statement relating to a merger, acquisition, or disposition
DEFM14C	Definitive information statement relating to merger or acquisition
N-1A	Initial registration statement filed on Form N-1A for open-end management investment companies
N-1A/A	Pre-effective amendment to a registration statement filed on Form N-1A for open-end management investment companies (this filing cannot be submitted as a 1940 Act only filing)

N-14	Initial registration statement filed on Form N-14 for open-end investment company, including those filed with automatic effectiveness under Rule 488 (business combinations).
N-14/A	Pre-effective amendment to registration statement filed on Form N-14 for open-end investment company, including those filed with automatic effectiveness under Rule 488 (business combinations).
N-3	Initial registration statement on Form N-3 for separate accounts (management investment companies)
N-3/A	Pre-effective amendment to a registration statement on Form N-3 for separate accounts (management investment companies)(this filing cannot be submitted as a 1940 Act only filing)
N-30B-2	Periodic and interim reports mailed to investment company shareholders (other than annual and semi-annual reports mailed to shareholders pursuant to Rule 30e-1)
N-30D	Initial annual and semi-annual reports mailed to investment company shareholders pursuant to Rule 30e-1 (other than those required to be submitted as part of Form N-CSR)
N-30D/A	Amendment to an annual and semi-annual reports mailed to investment company shareholders pursuant to Rule 30e-1 (other than those required to be submitted as part of Form N-CSR)
N-4	Initial registration statement on Form N-4 for separate accounts (unit investment trusts)
N-4/A	Pre-effective amendment to a registration statement on Form N-4 for separate accounts (unit investment trusts)(this filing cannot be submitted as a 1940 Act only filing)
N-6	Initial registration statement filed on Form N-6 for separate accounts (unit investment trusts)
N-6/A	Pre-effective amendment to a registration statement filed on Form N-6 for separate accounts (unit investment trusts)
N-CSR	Certified annual shareholder report of registered management investment companies filed on Form N-CSR
N-CSR/A	Amendment to certified annual shareholder report of registered management investment companies filed on Form N-CSR
N-CSR-S	Certified semi-annual shareholder report of registered management investment companies filed on Form N-CSR
N-CSR-S/A	Amendment to certified semi-annual shareholder report of registered management investment companies filed on Form N-CSR
N-Q	Quarterly Schedule of Portfolio Holdings of Registered Management Investment Company filed on Form N-Q
N-Q/A	Amendment to a Quarterly Schedule of Portfolio Holdings of Registered Management Investment Company filed on Form N-Q
NSAR-A	Semi-annual report for management companies filed on Form N-SAR
NSAR-A/A	Amendment to a semi-annual report for management companies filed on Form N-SAR
NSAR-AT	Transitional semi-annual report filed on Form N-SAR
NSAR-AT/A	Amendment to a transitional semi-annual report filed on Form N-SAR
NSAR-B	Annual report for management companies filed on Form N-SAR
NSAR-B/A	Amendment to an annual report for management companies filed on Form N-SAR
NSAR-BT	Transitional annual report filed on Form N-SAR
NSAR-BT/A	Amendment to a transitional annual report filed on Form N-SAR

NT-NCSR	Notice under Exchange Act Rule 12b-25 of inability to timely file Form N-CSR (annual or semi-annual report)
NT-NCSR/A	Amendment to a notice under Exchange Act Rule 12b-25 of inability to timely file Form N-CSR (annual or semi-annual report)
NT-NSAR	Notice under Exchange Act Rule 12b-25 of inability to timely file Form N-SAR
NT-NSAR/A	Amendment to a notice under Exchange Act Rule 12b-25 of inability to timely file Form N-SAR
POS AMI	Amendment (for filings made under the 1940 Act only)
PRE 14A	Preliminary proxy statement not related to a contested matter or merger / acquisition
PRE 14C	Preliminary information statement not related to a contested matter or merger/acquisition

Table 1-7: CoReg SC Fee

SUBMISSION TYPE	DESCRIPTION
PREM14A	Preliminary proxy statement relating to a merger, acquisition, or disposition
PREM14C	Preliminary information statements relating to merger or acquisition
PRER14A	Preliminary revised proxy soliciting materials
PRER14C	Preliminary revised information statements

Table 1-8: CoReg Serial

SUBMISSION TYPE	DESCRIPTION
424B1	Prospectus filed pursuant to Rule 424(b)(1)
424B2	Prospectus filed pursuant to Rule 424(b)(2)
424B3	Prospectus filed pursuant to Rule 424(b)(3)
424B4	Prospectus filed pursuant to Rule 424(b)(4)
424B5	Prospectus filed pursuant to Rule 424(b)(5)
424B7	Prospectus filed pursuant to Rule 424(b)(7)
424B8	Prospectus filed pursuant to Rule 424(b)(8)

Table 1-9: Subject

SUBMISSION TYPE	DESCRIPTION
40-17F1	Initial certificate of accounting of securities and similar investments in the custody of management investment companies filed pursuant to Rule 17f-1 of the Investment Company Act of 1940 filed on Form N-17F-1
40-17F1/A	Amendment to initial certificate of accounting of securities and similar investments in the custody of management investment companies filed pursuant to Rule 17f-1 of the Investment Company Act of 1940 filed on Form N-17F-1
40-17F2	Initial certificate of accounting of securities and similar investments in the custody of management investment companies filed pursuant to Rule 17f-2 of the Investment Company Act of 1940 filed on Form N-17F-2

40-17F2/A	Amendment to initial certificate of accounting of securities and similar investments in the custody of management investment companies filed pursuant to Rule 17f-2 of the Investment Company Act of 1940 filed on Form N-17F-2
CB	Notification form filed in connection with certain tender offers, business combinations and rights offerings, in which the subject company is a foreign private issuer of which less than 10% of its securities are held by U.S. persons
CB/A	Amendment to notification form filed in connection with certain tender offers, business combinations and rights offerings, in which the subject company is a foreign private issuer of which less than 10% of its securities are held by U.S. persons
F-N	Notification of the appointment of an agent for service by certain foreign institutions
F-N/A	Amendment to notification of the appointment of an agent for service by certain foreign institutions
F-X	For appointment of agent for service of process by issuers registering securities
F-X/A	Amendment to appointment of agent for service of process by issuers registering securities
N-27D-1	Accounting for segregated trust accounts on Form N-27D-1
N-27D-1/A	Amendment to accounting for segregated trust accounts on Form N-27D-1
SC 14F1	Statement regarding change in majority of directors pursuant to Rule 14f-1
SC 14F1/A	Amendment to statement regarding change in majority of directors pursuant to Rule 14f-1

Table 1-10: Subject SC

SUBMISSION TYPE	DESCRIPTION
DEFC14A	Definitive proxy statement in connection with contested solicitations
DEFC14C	Definitive information statement – contested solicitations
DEFN14A	Definitive proxy statement filed by non-management
DFAN14A	Definitive additional proxy soliciting materials filed by nonmanagement including Rule 14(a)(12) material
DFRN14A	Revised definitive proxy statement filed by nonmanagement
PREC14A	Preliminary proxy statement in connection with contested solicitations
PREC14C	Preliminary information statements – contested solicitations
PREN14A	Preliminary proxy statement filed by non-management
PRRN14A	Revised preliminary proxy statement filed by nonmanagement
PX14A6G	Notice of exempt solicitation
PX14A6N	Notice of exempt solicitation for the purpose of determining whether to solicit proxies, consents, or authorizations in opposition to a proposed rollup transaction filed pursuant to Rule 14a6(g) of the Securities Exchange Act of 1934

Table 1-11: Subject Fee

SUBMISSION TYPE	DESCRIPTION
SC 13E1	Schedule 13-E1 statement of issuer required by Rule 13e-1
SC 13E1/A	Amendment to Schedule 13-E1 statement of issuer required by Rule 13e-1
F-6	Registration statement for American Depositary Receipts representing securities of certain foreign private issuers
F-6/A	Pre-effective amendment to a registration statement for American Depositary Receipts representing securities of certain foreign private issuers
F-6EF	Auto effective registration statement for American Depositary Receipts representing securities of certain foreign private issuers

Table 1-12: Subject Group

SUBMISSION TYPE	DESCRIPTION
FWP	Filing under Securities Act Rule 163/433 of free writing prospectuses.
SC 13D	Schedule filed to report acquisition of beneficial ownership of 5% or more of a class of equity securities
SC 13D/A	Amendment to Schedule filed to report acquisition of beneficial ownership of 5% or more of a class of equity securities
SC 13G	Schedule filed to report acquisition of beneficial ownership of 5% or more of a class of equity securities by passive investors and certain Institutions
SC 13G/A	Amendment to Schedule filed to report acquisition of beneficial ownership of 5% or more of a class of equity securities by passive investors and certain Institutions
SC 14D9	Tender offer solicitation/recommendation statements filed under Rule 14-d9
SC 14D9/A	Amendment to tender offer solicitation/recommendation statements filed under Rule 14-d9
SC TO-C	Written communication relating to an issuer or third party tender offer
SC14D9C	Written communication by the subject company relating to a third party tender offer
SC14D9F	Solicitation/recommendation statement pursuant to Section 14(d)(4) of the Securities Exchange Act of 1934 and Rules 14d-1(b) and 14e-2(c) by foreign issuers
SC14D9F/A	Amendment to solicitation/recommendation statement pursuant to Section 14(d)(4) of the Securities Exchange Act of 1934 and Rules 14d-1(b) and 14e-2(c) by foreign issuers

Table 1-13: Subject Group SC

SUBMISSION TYPE	DESCRIPTION
425	Filing under Securities Act Rule 425 of certain prospectuses and communications in connection with business combination transactions

Table 1-14: Subject Group Fee

SUBMISSION TYPE	DESCRIPTION
SC 13E3	Schedule filed to report going private transactions
SC 13E3/A	Amendment to schedule filed to report going private transactions
SC TO-I	Issuer tender offer statement
SC TO-I/A	Amendment to issuer tender offer statement
SC TO-T	Third party tender offer statement
SC TO-T/A	Amendment to third party tender offer statement
SC13E4F	Issuer tender offer statement filed pursuant to Rule 13(e)(4) by foreign issuers
SC13E4F/A	Amendment to issuer tender offer statement filed pursuant to Rule 13(e)(4) by foreign issuers
SC14D1F	Third party tender offer statement filed pursuant to Rule 14d-1(b) by foreign issuers
SC14D1F/A	Amendment to third party tender offer statement filed pursuant to Rule 14d-1(b) by foreign issuers

Table 1-15: Correspondence

SUBMISSION TYPE	DESCRIPTION
CORRESP	Correspondence Submission. Correspondence is not publicly disseminated immediately. The SEC staff may release all or portions of these documents electronically if they relate to the staff's review process. See SEC Press Release 2004-89, "SEC Staff to Publicly Release Comment Letters and Responses."

Table 1-16: Ownership

SUBMISSION TYPE	DESCRIPTION
144	Filing for proposed sale of securities under Rule 144. Note: Form 144 may be filed electronically on a voluntary basis if the issuer of the securities is a public company
144/A	An amendment to a filing for proposed sale of securities under Rule 144. Note: Form 144 may be filed electronically on a voluntary basis if the issuer of the securities is a public company

Table 1-17: Modules and Segments

SUBMISSION TYPE	DESCRIPTION
Module	Module Submission
Segment	Segment Submission

Table 1-18: Single Filer Subject

SUBMISSION TYPE	DESCRIPTION
ABS-15G	Asset-backed securities report pursuant to Section 15G
ABS-15G/A	Amendment to Asset-backed securities report pursuant to Section 15G

Table 1-19: Subject CoReg

SUBMISSION TYPE	DESCRIPTION
SC 14N	Information filed by certain nominating shareholders (pursuant to Section 240.14n-1)
SC 14N/A	Amendment to information filed by certain nominating shareholders (pursuant to Section 240.14n-2)
SC 14N-S	Solicitation in connection with the formation or attempted formation of a Rule 14a-11 nominating shareholder group or solicitation in connection with a Rule 14a-11 nomination
SC 14N-S/A	Amendment to solicitation in connection with the formation or attempted formation of a Rule 14a-11 nominating shareholder group or solicitation in connection with a Rule 14a-11 nomination

This specification provides a basis for creating XML submissions without the use of the EDGAR OnlineForms/XML Website. The expectation is that software developers, working on behalf of filers, will construct software that will generate an XML ELO submission that can be successfully parsed by the EDGAR system.

The ELO Submissions should conform to the EDGARLink Online XML Technical Specification, namely, the XML schemas. Refer to XML schemas for detailed information on the common XML constructs of the EDGAR Filing submissions. For specific information about the data content of the ELO submission types, refer to the EDGAR Filer Manual Volume II available on the SEC's Public Website (<http://www.sec.gov>).

1.2 Summary of Changes

The following changes have been implemented:

- Addition of IRANNOTICE submission type to the enumeration in the eis_SingleFiler.xsd
- Deleted the appendices listing the common XML elements. Given that the Technical Specification document, schemas and sample XML's are already included in the technical specification zip, and published as such, these appendices are redundant.

Form N-SAR DOS-based Application Retirement Update: No sooner than April 2013 (*the specific deployment date will be communicated in the near future*), the DOS-based application to create Form N-SAR documents will be retired. Once retired, filings created by the DOS-based application will no longer be accepted through the EDGARLink Online application and Form N-SAR will only be able to be filed using a new online version of the form that will be available on

the EDGAR Filing Website or constructed by filers according to the EDGAR N-SAR XML Technical Specification.

The Following changes will be deployed at the time the new online Form N-SAR is implemented.

- Submission form types NSAR-A, NSAR-A/A, NSAR-AT, NSAR-AT/A, NSAR-B, NSAR-B/A, NSAR-BT, NSAR-BT/A, NSAR-U, and NSAR-U/A will then be accessible by selecting the “File Form N-SAR” link on the EDGAR Filing Website.
- The schema file “eis_Common.xsd” will be updated to remove the following submission types: NSAR-A, NSAR-A/A, NSAR-AT, NSAR-AT/A, NSAR-B, NSAR-B/A, NSAR-BT, NSAR-BT/A, NSAR-U, and NSAR-U/A.
- The schema file “eis_CoReg_SC.xsd” will be updated to remove the following submission types: NSAR-A, NSAR-A/A, NSAR-AT, NSAR-AT/A, NSAR-B, NSAR-B/A, NSAR-BT, and NSAR-BT/A.

In the EDGARLink Online XML Technical Specification:

- **Table 1-6: CoReg SC** will be updated to remove submission types NSAR-A, NSAR-A/A, NSAR-AT, NSAR-AT/A, NSAR-B, NSAR-B/A, NSAR-BT, and NSAR-BT/A.
- **Table 3.4.20.3: Mapping of Subject CoReg SC Submission Schemas to Submission Types** will be updated to remove submission types NSAR-A, NSAR-A/A, NSAR-AT, NSAR-AT/A, NSAR-B, NSAR-B/A, NSAR-BT, and NSAR-BT/A.
- In the EDGAR filings common XML elements, in the **simpleType SUBMISSION_TYPE**, submission form types NSAR-A, NSAR-A/A, NSAR-AT, NSAR-AT/A, NSAR-B, NSAR-B/A, NSAR-BT, NSAR-BT/A, NSAR-U and NSAR-U/A will be removed.
- In the EDGAR fee bearing filings common XML elements, in the **element FEE_OFFSET_TYPE/offsetFormType**, submission form types NSAR-A, NSAR-A/A, NSAR-AT, NSAR-AT/A, NSAR-B, NSAR-B/A, NSAR-BT, NSAR-BT/A, NSAR-U and NSAR-U/A will be removed.

2. EDGAR SCHEMA FILES

These are the schema files that the EDGAR system uses to validate ELO submissions. They are considered part of this specification and are distributed with this document.

XML Schema File	Scope of File
eis_Common.xsd	All EDGAR submissions
eis_Common_Fee.xsd	Fee Bearing EDGAR Submission
eis_Common_SC.xsd	Series And Class Edgar Submissions
eis_SingleFiler.xsd	All EDGAR Submissions
No info blank cell	No info blank cell
eis_SingleFiler.xsd	EDGAR Single Filer submissions
eis_SingleFiler_SC.xsd	EDGAR Single Filer Series and Class submissions
eis_SingleFiler_SC_Fee.xsd	EDGAR Single Filer Series and Class Fee bearing submissions
eis_Subject.xsd	EDGAR Subject submissions
eis_Subject_Fee.xsd	EDGAR Fee bearing Subject submissions
eis_Subject_SC.xsd	EDGAR Subject Series and Class submissions
eis_SubjectGroup.xsd	EDGAR Subject Group submission
eis_SubjectGroup_Fee.xsd	EDGAR Subject Group Fee Submission
eis_SubjectGroup_SC.xsd	EDGAR Subject Group Series and Class Submission
No info blank cell	No info blank cell
eis_CoReg.xsd	EDGAR Co Reg Submission
eis_CoReg_Fee.xsd	EDGAR Co Reg Fee bearing Submission
eis_CoReg_SC.xsd	EDGAR Co Reg Series and Class Submission
eis_CoReg_SC_Fee.xsd	EDGAR Co Reg Series and Class Fee bearing Submissions
eis_CoReg_Serial.xsd	EDGAR CoReg Serial Submission
eis_BulkFiling.xsd	EDGAR ALL Submissions in BULK
eis_Corresp.xsd	EDGAR Correspondence Submission
eis_ModulesSegments.xsd	EDGAR Modules and Segments Submission
eis_Ownership.xsd	EDGAR Ownership Submission
eis_SubjectCoreg.xsd	EDGAR Subject CoReg Submission
eis_stateCodes.xsd	All State Codes
eis_ABS_15GFiler.xsd	EDGAR Single Filer Subject Company Submission

These files define the valid data elements for an ELO submission, the hierarchy and sequencing of these elements, data types, valid values, maximum lengths, number of occurrences, etc.

It is recommended that you download these files and use them for your own validation prior to submitting a filing. This will greatly reduce the likelihood of receiving an EDGAR Suspense error. These schema files contain several annotations that describe the nature of the content of some of the elements.

EDGAR performs several validation checks that are not related to the schema files, so it is possible for a submission to meet all the schema constraints and still be SUSPENDED or BLOCKED. For instance, EDGAR verifies that each Reporting Owner Central Index Key (CIK)/CIK Confirmation Code (CCC) pair is valid.

2.1 Key Schema Indicators

We assume the filer is familiar with the basics of the XML language, Namespaces, and the XML Schema Definition language. If not, you can find numerous references on the World Wide Web. One recommended website that provides several useful tutorials and examples is <http://www.w3schools.com/>.

The table below highlights the schema language features used most heavily in the EDGAR ELO submission schema files. These are:

Indicator	Purpose
<sequence>	Specifies that child elements must appear in a specific order. This indicator is used with each element hierarchy. Elements must always appear in the order shown in Sections 3.4.1.1 through 3.4.20.3
<choice>	Specifies that either one child element or another can occur
<minOccurs>	Specifies the minimum number of times that an element can occur
<maxOccurs>	Specifies the maximum number of times that an element can occur

The default value for the <minOccurs> and <maxOccurs> indicators is 1. An optional field will have a <minOccurs> value of zero.

Below is an example of the <sequence>, <choice>, <minOccurs>, <maxOccurs> indicators for the ownershipDocumentCommon.xsd schema:

```
<xs:complexType name="UNDERLYING_SECURITY">
  <xs:sequence>
    <xs:element name="underlyingSecurityTitle" type="SECURITY_TITLE"/>
    <xs:choice>
      <xs:element name="underlyingSecurityShares" type="OPT_NUMBER_WITH_FOOTNOTE"
minOccurs="0"/>
      <xs:element name="underlyingSecurityValue" type="OPT_NUMBER_WITH_FOOTNOTE"
minOccurs="0"/>
    </xs:choice>
  </xs:sequence>
</xs:complexType>
<xs:complexType name="NUMBER_WITH_FOOTNOTE">
  <xs:sequence>
    <xs:element name="value" type="xs:decimal" minOccurs="0"/>
    <xs:element name="footnoteId" type="FOOTNOTE_ID" minOccurs="0" maxOccurs="99"/>
  </xs:sequence>
</xs:complexType>
```

This is a section of XML that conforms to the schema definition given above:

```
<underlyingSecurity>
  <underlyingSecurityTitle>
    <value>Underlying Title</value>
  </underlyingSecurityTitle>
  <underlyingSecurityShares>
    <value>123000</value>
    <footnoteId id="F1"/>
    <footnoteId id="F2"/>
    <footnoteId id="F4"/>
  </underlyingSecurityShares>
</underlyingSecurity>
```

3. XML SCHEMAS

This section summarizes the restrictions and constraints imposed on the content of the ELO submission types. These rules are enforced by the schema files and by EDGAR submission processing applications.

The schema files cannot enforce all the rules concerning data content, so it is possible for a submission to satisfy all the schema constraints and still be SUSPENDED or BLOCKED by EDGAR.

3.1 Schema Table Column Definitions

The following defines the columns in the two schema summation tables provided in Sections 3.4.1.1 through 3.4.20.3:

Table 3-1: Column Definitions for the Tables in Section 3-4

Column Name	Description
Level	Depth of element in the XML node hierarchy.
Order	Order in which elements must appear.
Data Type	See Table 3.2 for a detailed description.
Element Name	Name of the XML element. This is case-sensitive
Max Length	Maximum length for string elements. EDGAR database stores up to this number of characters. "Unlimited" means no maximum length constraint for the element value.
Data Value Constraint	The paragraph that describes the data value constraint for the element. The values specified are case sensitive.
Max Occur	Maximum times a set of elements may be repeated. The maximum occurrence is 1, if not specified.
Applicability of Element	Indicates applicability of the element. m = Mandatory o = Optional NA = Does not apply. EDGAR uses this element for server-side processing. Do not provide a value for this element.

3.2 Data Type Constraints

Each entry in the “Data Type” column in the tables in Sections 3.4.1.1 through 3.4.20.3 will be one of these values:

Table 3-2: Data Type Definitions for the Tables in Section 3-4

Data Type	Constraints
boolean	Indicate a “true” value with either a “1” or the word “true.” Indicate a “false” value with either a “0” or the word “false.” A boolean element may not have a null or blank value. This is a schema violation and will cause a SUSPENSE error.
date	Must be of the format YYYY-MM-DD. A date element may not have a null or blank value. This is a schema violation and will cause a SUSPENSE error. Do not include a date element at all if your goal is to not provide an optional date.
decimal	Only valid characters are 0-9 and a period. Cannot contain commas, a minus sign, a dollar sign, or parentheses. EDGAR stores up to four decimal places. A decimal element may not have a null or blank value. This is a schema violation and will cause a SUSPENSE error. Do not include a decimal element at all if your goal is to not provide an optional number. Minimum allowable value = 0.0 Maximum allowable value = 999999999999.9999

Data Type	Constraints										
string	Should be no longer than the length shown in the tables in Sections 3.4.1.1 through 3.4.20.3. EDGAR stores values in the <footnote>, <signatureName>, and <contactEmailAddress> elements exactly as provided. All other values are stored in the database as uppercase. You must use special escape sequences to represent these four characters: <table><tr><th>Character</th><th>Escape Sequence</th></tr><tr><td><</td><td>&lt; or &#60;</td></tr><tr><td>></td><td>&gt; or &#62;</td></tr><tr><td>&</td><td>&amp; or &#38;</td></tr><tr><td>"</td><td>&quot; or &#34;</td></tr></table>	Character	Escape Sequence	<	< or <	>	> or >	&	& or &	"	" or "
Character	Escape Sequence										
<	< or <										
>	> or >										
&	& or &										
"	" or "										
ID, IDREF	Used for linking footnotes to data fields. Must start with a capital "F," which must be followed by a number from 1 to 99										
NV	These fields cannot have a value. They are parent element nodes that contain other XML elements. These elements need to be present for proper validation.										

3.3 **Applicability of Schema Elements**

Each entry in the submission/document type columns in the tables in Sections 3.4.1.1 through 3.4.20.3 will have one of these values:

Table 3-3: Submission/Document Type Definitions for the Tables in Section 3-4

Value	Description
m	Mandatory
m#	Conditional Mandatory. The element is mandatory if its parent element is included. The element cannot be included if its parent is not included.
m#1	Conditional Mandatory. The element is mandatory if specific values are provided for other elements
o	Optional

Value	Description
NA	Does not apply to submission type. EDGAR uses this field for server-side processing. Do not provide a value for this element.
blank	Does not apply to submission type

3.4 Mapping of ELO Submission Schemas to Submission Types

3.4.1.1 Mapping of ELO Single Filer Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	ANLNRPT	ANLNRPT/A	13F-HR	DSTRBRPT	DSTRBRPT/A	N-54A	N-54A/A	N-54C	N-54C/A	N-6F	F/A6-N	N-8A	N-8A/A	QRTLVRPT	QRTLVRPT/A	13F-HR/A	13F-NT	13F-NT/A				
1	1	NV	edgarSubmission			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m				
2	1	String	schemaVersion	5		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o				
2	2	String	liveTestFlag		LIVE TEST TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m				
2	3	NV	flag			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o				
3	1	boolean	confirmingCopyFlag		"true" or "false"	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o				
3	2	boolean	overrideInternetFlag		"true" or "false"	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o				
3	3	boolean	returnCopyFlag		"true" or "false"	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o				
2	4	String	submissionType		SUBMISSION TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m				
2	5	NV	contact			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o				
3	1	String	name	30		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o				
3	2	String	phoneNumber	20		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o				
2	6	NV	filer			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m				
3	1	String	filerId	10		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m				
3	2	String	filerCcc	8		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m				
3	3	String	fileNumber	17		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o				
2	7	NV	sros			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m				
3	1	String	srold		SRO TYPE	13	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m				
2	8	Date	periodOfReport			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o				
2	9	NV	notifications			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o				
3	1	String	internetNotificationAddress	80		Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#				
2	10	NV	moduleSegments			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o				
3	1	NV	moduleSegment			Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#				

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	ANLNRPT	ANLNRPT/A	13F-HR	DSTRBRPT	DSTRBRPT/A	N-54A	N-54A/A	N-54C	N-54C/A	N-6F	F/A6-N	N-8A	N-8A/A	QRTLYRPT	QRTLYRPT/A	13F-HR/A	13F-NT	13F-NT/A				
4	1	String	modOrSegFlag		MODULE OR SEGMENT FLAG	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#				
4	2	String	nickName	15		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#				
4	3	String	cik	10		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o				
4	4	String	ccc	8		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o				
4	5	String	documentType		SUB DOCUMENT TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#				
2	11	NV	documents			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m				
3	1	NV	document			Unlimited	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m				
4	1	String	conformedName	32		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m				
4	2	String	conformedDocumentType		SUB DOCUMENT TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m				
4	3	String	description	255		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o				
4	4	String	contents			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m				

3.4.1.2 Mapping of ELO Single Filer Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	SH-ER	SH-ER/A	SH-NT	SH-NT/A	N-PX-NT	N-PX-NT/A	N-PX-VR	N-PX-VR/A	N-PX-CR	N-PX-CR/A
1	1	NV	edgarSubmission			1	m	m	m	m	m	m	m	m	m	m
2	1	String	schemaVersion	5		1	o	o	o	o	o	o	o	o	o	o
2	2	String	liveTestFlag		LIVE TEST TYPE	1	m	m	m	m	m	m	m	m	m	m
2	3	NV	flag			1	o	o	o	o	o	o	o	o	o	o
3	1	boolean	confirmingCopyFlag		"true" or "false"	1	o	o	o	o	o	o	o	o	o	o
3	2	boolean	overrideInternetFlag		"true" or "false"	1	o	o	o	o	o	o	o	o	o	o
3	3	boolean	returnCopyFlag		"true" or "false"	1	o	o	o	o	o	o	o	o	o	o

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	SH-ER	SH-ER/A	SH-NT	SH-NT/A	N-PX-NT	N-PX-NT/A	N-PX-VR	N-PX-VR/A	N-PX-CR	N-PX-CR/A
2	4	String	submissionType		SUBMISSION_TYPE	1	m	m	m	m	m	m	m	m	m	m
2	5	NV	contact			1	o	o	o	o	o	o	o	o	o	o
3	1	String	name	30		1	o	o	o	o	o	o	o	o	o	o
3	2	String	phoneNumber	20		1	o	o	o	o	o	o	o	o	o	o
2	6	NV	filer			1	m	m	m	m	m	m	m	m	m	m
3	1	String	filerId	10		1	m	m	m	m	m	m	m	m	m	m
3	2	String	filerCcc	8		1	m	m	m	m	m	m	m	m	m	m
3	3	String	fileNumber	17		1	o	o	o	o	o	o	o	o	o	o
2	7	NV	sros			1	m	m	m	m	m	m	m	m	m	m
3	1	String	srold		SRO_TYPE	13	m	m	m	m	m	m	m	m	m	m
2	8	Date	periodOfReport			1	o	o	o	o	o	o	o	o	o	o
2	9	NV	notifications			1	o	o	o	o	o	o	o	o	o	o
3	1	String	internetNotificationAddress	80		Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	10	NV	moduleSegments			1	o	o	o	o	o	o	o	o	o	o
3	1	NV	moduleSegment			Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	String	modOrSegFlag		MODULE_OR_SEGMENT_FLAG	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	nickName	15		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	cik	10		1	o	o	o	o	o	o	o	o	o	o
4	4	String	ccc	8		1	o	o	o	o	o	o	o	o	o	o
4	5	String	documentType		SUB_DOCUMENT_TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	11	NV	documents			1	m	m	m	m	m	m	m	m	m	m
3	1	NV	document			Unlimited	m	m	m	m	m	m	m	m	m	m
4	1	String	conformedName	32		1	m	m	m	m	m	m	m	m	m	m
4	2	String	conformedDocumentType		SUB_DOCUMENT_TYPE	1	m	m	m	m	m	m	m	m	m	m
4	3	String	description	255		1	o	o	o	o	o	o	o	o	o	o

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	SH-ER	SH-ER/A	SH-NT	SH-NT/A	N-PX-NT	N-PX-NT/A	N-PX-VR	N-PX-VR/A	N-PX-CR	N-PX-CR/A
4	4	String	contents			1	m	m	m	m	m	m	m	m	m	m

3.4.2 Mapping of ELO Single Filer SC Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	497K	N-PX	N-PX/A	N-PX-FM	N-PX-FM/A
1	1	NV	edgarSubmission			1	m	m	m	m	m
2	1	String	schemaVersion	5		1	o	o	o	o	o
2	2	String	liveTestFlag		LIVE_TEST_TYPE	1	m	m	m	m	m
2	3	NV	flag			1	o	o	o	o	o
3	1	boolean	confirmingCopyFlag		"true" or "false"	1	o	o	o	o	o
3	2	boolean	returnCopyFlag		"true" or "false"	1	o	o	o	o	o
3	3	boolean	overrideInternetFlag		"true" or "false"	1	o	o	o	o	o
2	4	String	submissionType		SUBMISSION_TYPE	1	m	m	m	m	m
2	5	NV	contact			1	o	o	o	o	o
3	1	String	name	30		1	o	o	o	o	o
3	2	String	phoneNumber	20		1	o	o	o	o	o
2	6	NV	filer			1	m	m	m	m	m
3	1	String	filerId	10		1	m	m	m	m	m
3	2	String	filerCcc	8		1	m	m	m	m	m
3	3	String	fileNumber	17		1	o	o	o	o	o
2	7	NV	sros			1	m	m	m	m	m
3	1	String	sroid		SRO_TYPE	13	m	m	m	m	m
2	8	Date	periodOfReport			1	NA	m	m	m	m

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	497K	N-PX	N-PX/A	N-PX-FM	N-PX-FM/A
2	9	String	invCompany		INV_COMPANY_TYPE	1	m	m	m	m	m
2	10	NV	notifications			1	o	o	o	o	o
3	1	String	internetNotificationAddress	80		Unlimited	m#	m#	m#	m#	m#
2	11	NV	moduleSegments			1	o	o	o	o	o
3	1	NV	moduleSegment			Unlimited	m#	m#	m#	m#	m#
4	1	String	modOrSegFlag		MODULE_OR_SEGMENT_FLAG	1	m#	m#	m#	m#	m#
4	2	String	nickName	15		1	m#	m#	m#	m#	m#
4	3	String	Cik	10		1	o	o	o	o	o
4	4	String	Ccc	8		1	o	o	o	o	o
4	5	String	documentType		SUB_DOCUMENT_TYPE	1	m#	m#	m#	m#	m#
2	12	NV	Documents			1	m	m	m	m	m
3	1	NV	Document			Unlimited	m	m	m	m	m
4	1	String	conformedName	32		1	m	m	m	m	m
4	2	String	conformedDocumentType		SUB_DOCUMENT_TYPE	1	m	m	m	m	m
4	3	String	Description	255		1	o	o	o	o	o
4	4	String	Contents			1	m	m	m	m	m
2	13	NV	seriesClasses			1	m	o	o	o	o
3	1	NV	reportSeriesClass			1	m	m#	m#	m#	m#
4	1	boolean	rptIncludeAllSeriesFlag		"true" or "false"	1	m	m#	m#	m#	m#
4	2	NV	rptSeriesClassInfo			Unlimited	m	m#	m#	m#	m#
5	1	String	seriesId	10		1	m	m#	m#	m#	m#
5	2	boolean	includeAllClassesFlag		"true" or "false"	1	m	m#	m#	m#	m#
5	3	String	classId	10		Unlimited	m	m#	m#	m#	m#
3	2	NV	reportClass			Unlimited	o	o	o	o	o
4	1	boolean	rptIncludeAllClassesFlag		"true" or "false"	1	m#	m#	m#	m#	m#
4	2	String	rptClassId	10		Unlimited	m#	m#	m#	m#	m#

3.4.3 Mapping of ELO Single Filer SC Fee Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	24F-2NT	24F-2NT/A
1	1	NV	edgarSubmission			1	m	m
2	1	String	schemaVersion	5		1	o	o
2	2	String	liveTestFlag		LIVE_TEST_TYPE	1	m	m
2	3	NV	Flags			1	o	o
3	1	boolean	confirmingCopyFlag		"true" or "false"	1	o	o
3	2	boolean	delayingAmendmentFlag		"true" or "false"	1	NA	NA
3	3	boolean	overrideInternetFlag		"true" or "false"	1	o	o
3	4	boolean	returnCopyFlag		"true" or "false"	1	o	o
3	5	boolean	serialFlag		"true" or "false"	1	NA	NA
2	4	String	submissionType		SUBMISSION_TYPE	1	m	m
2	5	NV	contact			1	o	o
3	1	String	Name	30		1	o	o
3	2	String	phoneNumber	20		1	o	o
2	6	NV	filer			1	m	m
3	1	String	filerId	10		1	m	m
3	2	String	filerCcc	8		1	m	m
3	3	String	fileNumber	17		1	o	o
2	7	NV	sros			1	m	m
3	1	String	srold		SRO_TYPE	13	m	m
2	8	Date	periodOfReport			1	m	m
2	9	String	invCompany		INV_COMPANY_TYPE	1	m	m
2	10	NV	notifications			1	o	o
3	1	String	internetNotificationAddress	80		Unlimited	m#	m#
2	11	NV	moduleSegments			1	o	o

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	24F-2NT	24F-2NT/A
3	1	NV	moduleSegment			Unlimited	m#	m#
4	1	String	modOrSegFlag		MODULE OR SEGM ENT_FLAG	1	m#	m#
4	2	String	nickName	15		1	m#	m#
4	3	String	Cik	10		1	o	o
4	4	String	Ccc	8		1	o	o
4	5	String	documentType		SUB_DOCUMENT_T YPE	1	m#	m#
2	12	NV	Documents			1	m	m
3	1	NV	Document			Unlimited	m	m
4	1	String	conformedName	32		1	m	m
4	2	String	conformedDocumentType		SUB_DOCUMENT TY PE	1	m	m
4	3	String	Description	255		1	o	o
4	4	String	Contents			1	m	m
2	13	NV	seriesClasses			1	m	m
3	1	NV	reportSeriesClass			1	m	m
4	1	boolean	rptIncludeAllSeriesFlag		"true" or "false"	1	m	m
4	2	NV	rptSeriesClassInfo			Unlimited	m	m
5	1	String	seriesId	10		1	m	m
5	2	boolean	includeAllClassesFlag		"true" or "false"	1	m	m
5	3	String	classId	10		Unlimited	m	m
3	2	NV	reportClass			1	o	o
4	1	boolean	rptIncludeAllClassesFlag		"true" or "false"	1	m	m
4	2	String	rptClassId	10		Unlimited	m	m
2	14	NV	edgarFee			1	m	m
3	1	NV	submissionFee			1	m	m
4	1	NV	feePayorInformation			1	o	o

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	24F-2NT	24F-2NT/A
5	1	String	filerId	10		1	m#	m#
5	2	String	filerCcc	8		1	m#	m#
4	2	String	feePaymentMethod		PAYMENT_METHOD_TYPE	1	0	0
4	3	Decimal	feeAmount	17		1	m#	m#
4	4	Decimal	feeBasis	17		1	0	0
3	2	NV	submissionSalesShares			1	0	0
4	1	boolean	salesSharesItemizeFlag		“true” or “false”	1	0	0
4	2	NV	salesSharesInformation			Unlimited	m#	m#
5	1	String	saleSharesSeriesOrClassId	10		1	0	0
5	2	Decimal	salesSharesSalesProceeds	17		1	m#	m#
5	3	Decimal	salesSharesRedeemedValue	17		1	0	0
5	4	Decimal	salesSharesNetValue	17		1	m#	m#
5	5	Decimal	salesSharesFeeAmount	17		1	m#	m#

3.4.4 Mapping of ELO CoReg Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	487	N-1	N-1/A	AW WD	F-3DPOS	F-4 POS	F-7POS	F-8POS	F-80POS	F-9 POS	F-10POS	POS AM	RW WD	S-3DPOS	S-4 POS	S-6	S-6/A	S-8 POS	T-3	T-3/A	T-6	T-6/A	8-K	10-K	6-K
1	1	NV	edgarSubmission			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	1		schemaVersion	5		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2	String	liveTestFlag		LIVE_TEST_TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	3	NV	flags			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	boolean	confirmingCopyFlag		“true” or “false”	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2	boolean	delayingAmendmentFlag		“true” or “false”	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	3	boolean	overrideInternetFlag		“true” or “false”	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	487	N-1	N-1/A	AW WD	F-3DPOS	F-4 POS	F-7POS	F-8POS	F-80POS	F-9 POS	F-10POS	POS AM	RW WD	S-3DPOS	S-4 POS	S-6	S-6/A	S-8 POS	T-3	T-3/A	T-6	T-6/A	8-K	10-K	6-K
3	4	boolean	returnCopyFlag		"true" or "false"	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	5	boolean	serialFlag		"true" or "false"	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2	4	String	submissionType		SUBMISSION_TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	5	NV	contact			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	String	Name	30		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2	String	phoneNumber	20		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	6	NV	filer			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	String	filerId	10		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	2	String	filerCcc	8		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	3	String	fileNumber	17		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	4	boolean	dutyToFileReportsRemains		"true" or "false"	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	7	NV	Coregs			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	NV	Filer			Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	String	filerId	10		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	filerCcc	8		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	fileNumber	17		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	5	boolean	dutyToFileReportsRemains		"true" or "false"	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	8	NV	sros			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	String	srold		SRO_TYPE	13	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	9	String	Act		ACT_TYPE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	10	Date	periodOfReport			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	11	Date	effectiveDate			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	12	String	invCompany		INV_COMPANY_TYPE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	487	N-1	N-1/A	AW WD	F-3DPOS	F-4 POS	F-7POS	F-8POS	F-80POS	F-9 POS	F-10POS	POS AM	RW WD	S-3DPOS	S-4 POS	S-6	S-6/A	S-8 POS	T-3	T-3/A	T-6	T-6/A	8-K	10-K	6-K
2	13	NV	Items			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	String	Item		ITEM_TYPE	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	14	String	itemSubmissionType		ITEM_SUBMISSION_TYPE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	15	String	fiscalYear	5		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	16	NV	Depositor			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	String	depositorId	10		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	2	String	depositorFileNumber	17		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	17	NV	subCompanyFiler			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	String	filerId	10		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	2	String	irsNumber	9		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	3	String	fileNumber	17		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	4	String	Filename	150		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	5	String	groupName	150		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	18	boolean	shellCompanyFlag		"true" or "false"	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	19	boolean	voluntaryFilerFlag		"true" or "false"	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	20	boolean	wellKnownSeasonedIssuerFlag		"true" or "false"	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	21	String	acceleratedFilerStatus		ACCELERATED_STATUSES_TYPE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	22	boolean	smallBusinessFlag		"true" or "false"	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	23	NV	References			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	String	references_429	17		Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	24	NV	Notifications			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	487	N-1	N-1/A	AW WD	F-3DPOS	F-4 POS	F-7POS	F-8POS	F-80POS	F-9 POS	F-10POS	POS AM	RW WD	S-3DPOS	S-4 POS	S-6	S-6/A	S-8 POS	T-3	T-3/A	T-6	T-6/A	8-K	10-K	6-K
3	1	String	internetNotificationAddress	80		Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	11	NV	moduleSegments			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	NV	moduleSegment			Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	String	modOrSegFlag		MODULE OR SEGMENT FLAG	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	nickName	15		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	Cik	10		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	4	String	Ccc	8		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	5	String	documentType		SUB DOCUMENT TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	12	NV	Documents			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	NV	Document			Unlimited	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
4	1	String	conformedName	32		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
4	2	String	conformedDocumentType		SUB DOCUMENT TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
4	3	String	Description	255		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	4	String	Contents			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m

3.4.5.1 Mapping of ELO CoReg Fee Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	F-1	F-1MEF	F-1/A	N-14 8C	F-10	F-10/A	F-10EF	F-3	F-3/A	F-3ASR	F-3D	F-3MEF	F-4	F-4/A
1	1	NV	edgarSubmission			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	1		schemaVersion	5		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	2	String	liveTestFlag		LIVE TEST TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	3	boolean	flags			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	boolean	confirmingCopyFlag		"true" or "false"	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	2	boolean	delayingAmendmentFlag		"true" or "false"		o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	3	boolean	overrideInternetFlag		"true" or "false"	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	4	boolean	returnCopyFlag		"true" or "false"	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	4	String	submissionType		SUBMISSION TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	5	NV	contact			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	String	Name	30		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	2	String	phoneNumber	20		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	6	NV	filer			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	String	filerId	10		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	2	String	filerCcc	8		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	3	String	fileNumber	17		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	4	String	filerFormType		COMBO FORM TYPE	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	7	NV	Coregs			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	NV	Filer			Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	String	filerId	10		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	filerCcc	8		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	fileNumber	17		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	4	String	filerFormType		COMBO FORM TYPE	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	8	NV	sros			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	F-1	F-1MEF	F-1/A	N-14 8C	F-10	F-10/A	F-10EF	F-3	F-3/A	F-3ASR	F-3D	F-3MEF	F-4	F-4/A
3	1	String	srold		SRO_TYPE	13	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	9	boolean	smallBusinessFlag		"true" or "false"	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	10	NV	invCompany			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	String	investCompany		INV_COMPANY_TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	2	NV	investmentCompany			1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	boolean	isImCompany		"true" or "false"	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	2	String	invCompanyType		INV_COMPANY_TYPE	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	11	NV	References			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	String	references_429	17		Unlimited	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	2	String	references_462b	17		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	12	Date	effectiveDate			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	13	String	Act		ACT_TYPE	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	14	NV	Notifications			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	String	internetNotificationAddress	80		Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	15	NV	moduleSegments			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	NV	moduleSegment			Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	String	modOrSegFlag		MODULE_OR_SEGMENT_FLAG	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	nickName	15		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	Cik	10		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	4	String	Ccc	8		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	5	String	documentType		SUB_DOCUMENT_TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	16	NV	Documents			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	NV	Document			Unlimited	m	m	m	m	m	m	m	m	m	m	m	m	m	m
4	1	String	conformedName	32		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	2	String	conformedDocumentType		SUB_DOCUMENT_TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	3	String	description	255		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	4	String	Contents			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	F-1	F-1MEF	F-1/A	N-14 8C	F-10	F-10/A	F-10EF	F-3	F-3/A	F-3ASR	F-3D	F-3MEF	F-4	F-4/A
2	17	NV	edgarFee			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	NV	submissionFee			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	1	NV	feePayorInformation			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
5	1	String	filerId	10		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	2	String	filerCcc	8		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	feePaymentMethod		PAYMENT_METHOD_TYPE	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	3	Decimal	feeAmount	17		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	4	Decimal	feeBasis	17		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	2	NV	submissionOffering			Unlimited	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	1	String	feeOfferingTypeOfPayment		PAYMENT_TYPE	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	2	String	feeOfferingSecurityName		SECURITY_TYPE	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	3	Decimal	feeOfferingShares			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	4	Decimal	feeOfferingAmountPerShare	17		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	5	Decimal	feeOfferingAggregatePrice	17		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	3	NV	submissionOffset			Unlimited	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	1	String	offsetCik	10		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	offsetFormType		SUBMISSION_TYPE	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	3	String	offsetFileNumber	17		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	4	Date	offsetFilingDate			1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	5	Decimal	offsetAmount	17		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#

3.4.5.2 Mapping of ELO CoReg Fee Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	F-4EF	F-4MEF	F-7	N-7/A	F-8	F-8/A	F-80	F-80/A	F-9	F-9/A	F-9EF	N-148C/A	N-14MEF	N-2
1	1	NV	edgarSubmission			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	1	String	schemaVersion	5		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	2	String	liveTestFlag		LIVE_TEST_TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	3	boolean	flags			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	boolean	confirmingCopyFlag		“true” or “false”	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	2	boolean	delayingAmendmentFlag		“true” or “false”		o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	3	boolean	overrideInternetFlag		“true” or “false”	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	4	boolean	returnCopyFlag		“true” or “false”	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	4	String	submissionType		SUBMISSION_TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	5	NV	contact			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	String	Name	30		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	2	String	phoneNumber	20		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	6	NV	filer			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	String	filerId	10		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	2	String	filerCcc	8		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	3	String	fileNumber	17		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	4	String	filerFormType		COMBO_FORM_TYPE	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	7	NV	Coregs			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	NV	Filer			Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	String	filerId	10		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	filerCcc	8		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	fileNumber	17		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	4	String	filerFormType		COMBO_FORM_TYPE	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	8	NV	sros			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	String	srold		SRO_TYPE	13	m	m	m	m	m	m	m	m	m	m	m	m	m	m

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	F-4EF	F-4MEF	F-7	N-7/A	F-8	F-8/A	F-80	F-80/A	F-9	F-9/A	F-9EF	N-148C/A	N-14MEF	N-2
2	9	boolean	smallBusinessFlag		"true" or "false"	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	10	NV	invCompany			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	String	investCompany		INV_COMPANY_TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	2	NV	investmentCompany			1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	boolean	isImCompany		"true" or "false"	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2	String	invCompanyType		INV_COMPANY_TYPE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	11	NV	References			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	String	references_429	17		Unlimited	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2	String	references_462b	17		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	12	Date	effectiveDate			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	13	String	Act		ACT_TYPE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	14	NV	Notifications			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	String	internetNotificationAddress	80		Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	15	NV	moduleSegments			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	NV	moduleSegment			Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	String	modOrSegFlag		MODULE_OR_SEGMENT_FLAG	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	nickName	15		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	Cik	10		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	4	String	Ccc	8		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	5	String	documentType		SUB_DOCUMENT_TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	16	NV	Documents			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	NV	Document			Unlimited	m	m	m	m	m	m	m	m	m	m	m	m	m	m
4	1	string	conformedName	32		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	2	String	conformedDocumentType		SUB_DOCUMENT_TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	3	String	description	255		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	4	String	Contents			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	F-4EF	F-4MEF	F-7	N-7/A	F-8	F-8/A	F-80	F-80/A	F-9	F-9/A	F-9EF	N-148C/A	N-14MEF	N-2
2	17	NV	edgarFee			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	NV	submissionFee			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	1	NV	feePayorInformation			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
5	1	String	filerId	10		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	2	String	filerCcc	8		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	feePaymentMethod		PAYMENT_METHOD_TYPE	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	3	Decimal	feeAmount	17		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	4	Decimal	feeBasis	17		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	2	NV	submissionOffering			Unlimited	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	1	String	feeOfferingTypeOfPayment		PAYMENT_TYPE	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	2	String	feeOfferingSecurityName		SECURITY_TYPE	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	3	Decimal	feeOfferingShares			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	4	Decimal	feeOfferingAmountPerShare	17		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	5	Decimal	feeOfferingAggregatePrice	17		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	3	NV	submissionOffset			Unlimited	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	1	String	offsetCik	10		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	offsetFormType		SUBMISSION_TYPE	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	3	String	offsetFileNumber	17		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	4	Date	offsetFilingDate			1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	5	Decimal	offsetAmount	17		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#

3.4.5.3 Mapping of ELO CoReg Fee Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	N-2/A	N-2MEF	N-5	N-5/A	POSASR	S-1	S-1/A	S-11	S-11/A	S-11MEF	S-1MEF	S-20	S-20/A	S-3
1	1	NV	edgarSubmission			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	1	String	schemaVersion	5		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	2	String	liveTestFlag		LIVE TEST TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	3	boolean	flags			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	boolean	confirmingCopyFlag		“true” or “false”	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	2	boolean	delayingAmendmentFlag		“true” or “false”		o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	3	boolean	overrideInternetFlag		“true” or “false”	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	4	boolean	returnCopyFlag		“true” or “false”	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	4	String	submissionType		SUBMISSION TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	5	NV	contact			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	String	Name	30		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	2	String	phoneNumber	20		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	6	NV	filer			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	String	filerId	10		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	2	String	filerCcc	8		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	3	String	fileNumber	17		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	4	String	filerFormType		COMBO FORM TYPE	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	7	NV	Coregs			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	NV	Filer			Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	String	filerId	10		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	filerCcc	8		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	fileNumber	17		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	4	String	filerFormType		COMBO FORM TYPE	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	8	NV	sros			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	String	sroid		SRO TYPE	13	m	m	m	m	m	m	m	m	m	m	m	m	m	m

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	N-2/A	N-2MEF	N-5	N-5/A	POSASR	S-1	S-1/A	S-11	S-11/A	S-11MEF	S-1MEF	S-20	S-20/A	S-3
2	9	boolean	smallBusinessFlag		"true" or "false"	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	10	NV	invCompany			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	String	investCompany		INV_COMPANY_TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	2	NV	investmentCompany			1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	boolean	isImCompany		"true" or "false"	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2	String	invCompanyType		INV_COMPANY_TYPE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	11	NV	References			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	String	references_429	17		Unlimited	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2	String	references_462b	17		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	12	Date	effectiveDate			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	13	String	Act		ACT_TYPE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	14	NV	Notifications			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	String	internetNotificationAddress	80		Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	15	NV	moduleSegments			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	NV	moduleSegment			Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	String	modOrSegFlag		MODULE_OR_SEGMENT_FLAG	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	nickName	15		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	Cik	10		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	4	String	Ccc	8		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	5	String	documentType		SUB_DOCUMENT_TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	16	NV	Documents			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	NV	Document			Unlimited	m	m	m	m	m	m	m	m	m	m	m	m	m	m
4	1	string	conformedName	32		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	2	String	conformedDocumentType		SUB_DOCUMENT_TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	3	String	description	255		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	4	String	Contents			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	N-2/A	N-2MEF	N-5	N-5/A	POSASR	S-1	S-1/A	S-11	S-11/A	S-11MEF	S-1MEF	S-20	S-20/A	S-3
2	17	NV	edgarFee			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	NV	submissionFee			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	1	NV	feePayorInformation			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
5	1	String	filerId	10		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	2	String	filerCcc	8		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	feePaymentMethod		PAYMENT_METHOD_TYPE	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	3	Decimal	feeAmount	17		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	4	Decimal	feeBasis	17		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	2	NV	submissionOffering			Unlimited	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	1	String	feeOfferingTypeOfPayment		PAYMENT_TYPE	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	2	String	feeOfferingSecurityName		SECURITY_TYPE	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	3	Decimal	feeOfferingShares			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	4	Decimal	feeOfferingAmountPerShare	17		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	5	Decimal	feeOfferingAggregatePrice	17		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	3	NV	submissionOffset			Unlimited	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	1	String	offsetCik	10		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	offsetFormType		SUBMISSION_TYPE	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	3	String	offsetFileNumber	17		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	4	Date	offsetFilingDate			1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	5	Decimal	offsetAmount	17		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#

3.4.5.4 Mapping of ELO CoReg Fee Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	S-3/A	S-3/ASR	S-3/D	S-3/MEF	S-4	S-4/A	S-4/EF	S-4/MEF	S-8	S-B	S-B/A	S-B/MEF
1	1	NV	edgarSubmission			1	m	m	m	m	m	m	m	m	m	m	m	m
2	1	String	schemaVersion	5		1	o	o	o	o	o	o	o	o	o	o	o	o
2	2	String	liveTestFlag		LIVE TEST TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m
2	3	boolean	flags			1	o	o	o	o	o	o	o	o	o	o	o	o
3	1	boolean	confirmingCopyFlag		“true” or “false”	1	o	o	o	o	o	o	o	o	o	o	o	o
3	2	boolean	delayingAmendment		“true” or “false”	1	o	o	o	o	o	o	o	o	o	o	o	o
3	3	boolean	overrideInternetFlag		“true” or “false”	1	o	o	o	o	o	o	o	o	o	o	o	o
3	4	boolean	returnCopyFlag		“true” or “false”	1	o	o	o	o	o	o	o	o	o	o	o	o
2	4	String	submissionType		SUBMISSION TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m
2	5	NV	contact			1	o	o	o	o	o	o	o	o	o	o	o	o
3	1	String	Name	30		1	o	o	o	o	o	o	o	o	o	o	o	o
3	2	String	phoneNumber	20		1	o	o	o	o	o	o	o	o	o	o	o	o
2	6	NV	filer			1	m	m	m	m	m	m	m	m	m	m	m	m
3	1	String	filerId	10		1	m	m	m	m	m	m	m	m	m	m	m	m
3	2	String	filerCcc	8		1	m	m	m	m	m	m	m	m	m	m	m	m
3	3	String	fileNumber	17		1	m	m	m	m	m	m	m	m	m	m	m	m
3	4	String	filerFormType		COMBO FORM TYPE	1	o	o	o	o	o	o	o	o	o	o	o	o
2	7	NV	Coregs			1	o	o	o	o	o	o	o	o	o	o	o	o
3	1	NV	Filer			Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	String	filerId	10		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	filerCcc	8		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	fileNumber	17		1	o	o	o	o	o	o	o	o	o	o	o	o
4	4	String	filerFormType		COMBO FORM TYPE	1	o	o	o	o	o	o	o	o	o	o	o	o
2	8	NV	sros			1	m	m	m	m	m	m	m	m	m	m	m	m
3	1	String	sroid		SRO TYPE	13	m	m	m	m	m	m	m	m	m	m	m	m

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	S-3/A	S-3/ASR	S-3/D	S-3/MEF	S-4	S-4/A	S-4/EF	S-4/MEF	S-8	S-B	S-B/A	S-B/MEF
2	9	boolean	smallBusinessFlag		"true" or "false"	1	0	0	0	0	0	0	0	0	0	0	0	0
2	10	NV	invCompany			1	0	0	0	0	0	0	0	0	0	0	0	0
3	1	String	investCompany		INV_COMPANY_TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	2	NV	investmentCompany			1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	boolean	isImCompany		"true" or "false"	1	0	0	0	0	0	0	0	0	0	0	0	0
4	2	String	invCompanyType		INV_COMPANY_TYPE	1	0	0	0	0	0	0	0	0	0	0	0	0
2	11	NV	References			1	0	0	0	0	0	0	0	0	0	0	0	0
3	1	String	references_429	17		Unlimited	0	0	0	0	0	0	0	0	0	0	0	0
3	2	String	references_462b	17		1	0	0	0	0	0	0	0	0	0	0	0	0
2	12	Date	effectiveDate			1	0	0	0	0	0	0	0	0	0	0	0	0
2	13	String	Act		ACT_TYPE	1	0	0	0	0	0	0	0	0	0	0	0	0
2	14	NV	Notifications			1	0	0	0	0	0	0	0	0	0	0	0	0
3	1	String	internetNotificationAddress	80		Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	15	NV	moduleSegments			1	0	0	0	0	0	0	0	0	0	0	0	0
3	1	NV	moduleSegment			Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	String	modOrSegFlag		MODULE_OR_SEGMENT_FLAG	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	nickName	15		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	Cik	10		1	0	0	0	0	0	0	0	0	0	0	0	0
4	4	String	Ccc	8		1	0	0	0	0	0	0	0	0	0	0	0	0
4	5	String	documentType		SUB_DOCUMENT_TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	16	NV	Documents			1	m	m	m	m	m	m	m	m	m	m	m	m
3	1	NV	Document			Unlimited	m	m	m	m	m	m	m	m	m	m	m	m
4	1	string	conformedName	32		1	m	m	m	m	m	m	m	m	m	m	m	m
3	2	String	conformedDocumentType		SUB_DOCUMENT_TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m
3	3	String	description	255		1	0	0	0	0	0	0	0	0	0	0	0	0
3	4	String	Contents			1	m	m	m	m	m	m	m	m	m	m	m	m
2	17	NV	edgarFee			1	m	m	m	m	m	m	m	m	m	m	m	m

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	S-3/A	S-3/ASR	S-3/D	S-3/MEF	S-4	S-4/A	S-4/EF	S-4/MEF	S-8	S-B	S-B/A	S-B/MEF
3	1	NV	submissionFee			1	0	0	0	0	0	0	0	0	0	0	0	0
4	1	NV	feePayorInformation			1	0	0	0	0	0	0	0	0	0	0	0	0
5	1	String	filerId	10		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	2	String	filerCcc	8		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	feePaymentMethod		PAYMENT_METHOD_TYPE	1	0	0	0	0	0	0	0	0	0	0	0	0
4	3	Decimal	feeAmount	17		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	4	Decimal	feeBasis	17		1	0	0	0	0	0	0	0	0	0	0	0	0
3	2	NV	submissionOffering			Unlimited	0	0	0	0	0	0	0	0	0	0	0	0
4	1	String	feeOfferingTypeOfPayment		PAYMENT_TYPE	1	0	0	0	0	0	0	0	0	0	0	0	0
4	2	String	feeOfferingSecurityName		SECURITY_TYPE	1	0	0	0	0	0	0	0	0	0	0	0	0
4	3	Decimal	feeOfferingShares			1	0	0	0	0	0	0	0	0	0	0	0	0
4	4	Decimal	feeOfferingAmountPerShare	17		1	0	0	0	0	0	0	0	0	0	0	0	0
4	5	Decimal	feeOfferingAggregatePrice	17		1	0	0	0	0	0	0	0	0	0	0	0	0
3	3	NV	submissionOffset			Unlimited	0	0	0	0	0	0	0	0	0	0	0	0
4	1	String	offsetCik	10		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	offsetFormType		SUBMISSION_TYPE	1	0	0	0	0	0	0	0	0	0	0	0	0
4	3	String	offsetFileNumber	17		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	4	Date	offsetFilingDate			1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	5	Decimal	offsetAmount	17		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#

3.4.6 Mapping of ELO CoReg SC Fee Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	PREM14A	PREM14C	PRER14A	PRER14C
1	1	NV	edgarSubmission			1	m	m	m	m
2	1	String	schemaVersion	5		1	o	o	o	o
2	2	String	liveTestFlag		LIVE TEST TYPE	1	m	m	m	m
2	3	NV	flags		No info blank cell	1	o	o	o	o
3	1	boolean	confirmingCopyFlag		"true" or "false"	1	m#	m#	m#	m#
3	2	boolean	returnCopyFlag		"true" or "false"	1	m#	m#	m#	m#
3	3	boolean	overrideInternetFlag		"true" or "false"	1	m#	m#	m#	m#
2	4	String	submissionType		SUBMISSION TYPE	1	m	m	m	m
2	5	NV	contact			1	o	o	o	o
3	1	String	name	30		1	m#	m#	m#	m#
3	2	String	phoneNumber	20		1	m#	m#	m#	m#
2	6	NV	filer			1	m	m	m	m
3	1	String	filerId	10		1	m	m	m	m
3	2	String	filerCcc	8		1	m	m	m	m
3	3	String	fileNumber	17		1	m	m	m	m
2	7	NV	coregs			1	o	o	o	o
3	1	NV	filer			1	m#	m#	m#	m#
4	1	String	filerId	10		1	m#	m#	m#	m#
4	2	String	filerCcc	8		1	m#	m#	m#	m#
4	3	String	fileNumber	17		1	m#	m#	m#	m#
2	8	NV	sros			1	m	m	m	m
3	1	String	srold		SRO TYPE	13	m	m	m	m

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	PREM14A	PREM14C	PRER14A	PRER14C
2	9	NV	invCompany		No info blank cell	1	0	0	0	0
3	1	boolean	islmCompany		"true" or "false"	1	m#	m#	m#	m#
3	2	String	invCompanyType		INV_COMPANY_TYPE	1	m#	m#	m#	m#
2	10	Date	periodOfReport			1	m	m	NA	NA
2	11	NV	notifications			1	0	0	0	0
3	1	String	internetNotificationAddress	80		Unlimited	m#	m#	m#	m#
2	12	NV	moduleSegments			1	0	0	0	0
3	1	NV	moduleSegment			Unlimited	0	0	0	0
4	1	String	modOrSegFlag	10	MODULE_OR_SEGMENT_FLAG	1	m#	m#	m#	m#
4	2	String	nickName	15		1	m#	m#	m#	m#
4	3	String	cik	10		1	0	0	0	0
4	4	String	ccc	8		1	0	0	0	0
4	5	String	documentType		SUB_DOCUMENT_TYPE	1	m#	m#	m#	m#
2	13	NV	documents			1	m	m	m	m
3	1	NV	document			Unlimited	m	m	m	m
4	1	String	conformedName	32		1	m	m	m	m
4	2	String	conformedDocumentType	No info blank cell	SUB_DOCUMENT_TYPE	1	m	m	m	m
4	3	String	description	255		1	0	0	0	0
4	4	String	contents			1	m	m	m	m
2	12	NV	seriesClass			1	0	0	0	0
3	1	NV	reportSeriesClass			1	m#	m#	m#	m#
4	1	boolean	rptIncludeAllSeriesFlag			1	m#	m#	m#	m#
4	2	NV	rptSeriesClassInfo			Unlimited	m#	m#	m#	m#
5	1	String	seriesId	10		1	m#	m#	m#	m#

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	PREM14A	PREM14C	PRER14A	PRER14C
5	2	boolean	includeAllClassesFlag			1	m#	m#	m#	m#
5	3	String	classId	10		Unlimited	m#	m#	m#	m#
3	2	NV	reportClass			1	m#	m#	m#	m#
4	1	boolean	rptIncludeAllClassesFlag		"true" or "false"	1	m#	m#	m#	m#
4	2	String	rptClassId	10		Unlimited	m#	m#	m#	m#
3	3	NV	mergeSeriesClass			1	m#	m#	m#	m#
4	1	NV	mgrSeriesClass			Unlimited	m#	m#	m#	m#
5	1	NV	acquiringInfo			1	m#	m#	m#	m#
6	1	String	acquiringInvCompanyType		MERGE_INV_COMPANY_TYPE	1	m#	m#	m#	m#
6	2	String	acquiringCik	10		1	m#	m#	m#	m#
6	3	String	acquiringSeriesId	10		1	o	o	o	o
6	4	String	acquiringClassId	10		1	o	o	o	o
5	2	NV	targetInfo			1	m#	m#	m#	m#
6	1	String	targetInvCompanyType		MERGE_INV_COMPANY_TYPE	1	m#	m#	m#	m#
6	2	String	targetCik	10		1	m#	m#	m#	m#
6	3	String	targetIncludeAllSeriesFlag		"true" or "false"	1	o	o	o	o
6	4	NV	targetSeriesClassInfo			Unlimited	o	o	o	o
7	1	String	seriesId	10		1	m#	m#	m#	m#
7	2	boolean	includeAllClassesFlag		"true" or "false"	1	m#	m#	m#	m#
7	3	String	classId	10		Unlimited	m#	m#	m#	m#
6	5	String	targetClassInfo			1	o	o	o	o
7	1	boolean	rptIncludeAllClassesFlag			1	m#	m#	m#	m#
7	2	String	rptClassId	10		Unlimited	m#	m#	m#	m#
2	15	NV	edgarFee	No info		1	m	m	m	m

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	PREM14A	PREM14C	PRER14A	PRER14C
				blank cell						
3	1	NV	submissionFee			1	o	o	o	o
4	1	NV	feePayorInformation			1	o	o	o	o
5	1	String	filerId	10		1	m#	m#	m#	m#
5	2	String	filerCcc	8		1	m#	m#	m#	m#
4	2	String	feePaymentMethod	No info blank cell	PAYMENT_METHOD_TYPE	1	o	o	o	O
4	3	Decimal	feeAmount	17		1	m#	m#	m#	m#
4	4	Decimal	feeBasis	17		1	o	o	o	o
3	2	NV	submissionOffering			Unlimited	o	o	o	o
4	1	String	feeOfferingTypeOfPayment		PAYMENT_TYPE	1	o	o	o	o
4	2	String	feeOfferingSecurityName		SECURITY_TYPE	1	o	o	o	o
4	3	Decimal	feeOfferingShares			1	o	o	o	o
4	4	Decimal	feeOfferingAmountPerShare	17		1	o	o	o	o
4	5	Decimal	feeOfferingAggregatePrice	17		1	o	o	o	o
3	3	Decimal	submissionOffset			Unlimited	o	o	o	o
4	1	String	offsetCik	10		1	m#	m#	m#	m#
4	2	String	offsetFormType		SUBMISSION_TYPE	1	o	o	o	o
4	3	String	offsetFileNumber	17		1	m#	m#	m#	m#
4	4	Date	offsetFilingDate			1	m#	m#	m#	m#
4	5	Decimal	offsetAmount	17		1	m#	m#	m#	m#

3.4.7 Mapping of ELO CoReg Serial Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	424B1	424B2	424B3	424B4	424B5	424B7	424B8
1	1	NV	edgarSubmission	No info blank cell	No info blank cell	1	m	m	m	m	m	m	m
2	1	String	schemaVersion	5	No info blank cell	1	o	o	o	o	o	o	o
2	2	String	liveTestFlag		LIVE TEST TYPE	1	m	m	m	m	m	m	m
2	3	boolean	flags		No info blank cell	1	o	o	o	o	o	o	o
3	1	boolean	confirmingCopyFlag		"true" or "false"	1	o	o	o	o	o	o	o
3	2	boolean	overrideInternetFlag		"true" or "false"	1	o	o	o	o	o	o	o
3	3	boolean	returnCopyFlag		"true" or "false"	1	o	o	o	o	o	o	o
3	4	boolean	serialFlag		"true" or "false"	1	o	o	o	o	o	o	o
2	4	String	submissionType		SUBMISSION TYPE	1	m	m	m	m	m	m	m
2	5	NV	contact			1	o	o	o	o	o	o	o
3	1	String	name	30		1	o	o	o	o	o	o	o
3	2	String	phoneNumber	20		1	o	o	o	o	o	o	o
2	6	No info blank cell	filer			1	m	m	m	m	m	m	m
3	1	String	filerId	10		1	m	m	m	m	m	m	m
3	2	String	filerCcc	8		1	m	m	m	m	m	m	m
3	3	String	fileNumber	17		1	m	m	m	m	m	m	m
2	7	NV	coregs			1	o	o	o	o	o	o	o
3	1	NV	filer	No info blank cell		Unlimited	m#	m#	m#	m#	m#	m#	m#
4	1	String	filerId	10		1	m#	m#	m#	m#	m#	m#	m#
4	2	String	filerCcc	8		1	m#	m#	m#	m#	m#	m#	m#
4	3	String	fileNumber	17		1	m#	m#	m#	m#	m#	m#	m#
2	8	NV	serials			13	o	o	o	o	o	o	o
3	1	String	serialCompanyName	150		Unlimited	m#	m#	m#	m#	m#	m#	m#
2	9	NV	Sros			1	m	m	m	m	m	m	m

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	424B1	424B2	424B3	424B4	424B5	424B7	424B8
3	1	String	srold		SRO_TYPE	13	m	m	m	m	m	m	m
2	10	boolean	feeTableInProspectusFlag		"true" or "false"	1	o	o	o	o	o	o	o
2	11	NV	notifications			1	o	o	o	o	o	o	o
3	1	String	internetNotificationAddress	80		Unlimited	m#	m#	m#	m#	m#	m#	m#
2	12	NV	moduleSegments			1	o	o	o	o	o	o	o
3	1	NV	moduleSegment			Unlimited	m#	m#	m#	m#	m#	m#	m#
4	1	boolean	modOrSegFlag		MODULE_OR_SEGMENT_FLAG	1	m#	m#	m#	m#	m#	m#	m#
4	2	String	nickName	15		1	m#	m#	m#	m#	m#	m#	m#
4	3	String	cik	10		1	o	o	o	o	o	o	o
4	4	String	ccc	8		1	o	o	o	o	o	o	o
4	5	String	documentType		SUB_DOCUMENT_TYPE	1	m#	m#	m#	m#	m#	m#	m#
2	13	NV	documents			1	m	m	m	m	m	m	m
3	1	NV	document			Unlimited	m	m	m	m	m	m	m
4	1	string	conformedName	32		1	m	m	m	m	m	m	m
4	2	String	conformedDocumentType	No info blank cell	SUB_DOCUMENT_TYPE	1	m	m	m	m	m	m	m
4	3	String	description	255		1	o	o	o	o	o	o	o
4	4	String	contents			1	m	m	m	m	m	m	m
2	14	NV	edgarFee			1	o	o	o	o	o	o	o
3	1	NV	submissionFee			1	m#	m#	m#	m#	m#	m#	m#
4	1	NV	feePayorInformation			1	o	o	o	o	o	o	o
5	1	String	filerId	10		1	m#	m#	m#	m#	m#	m#	m#
5	2	String	filerCcc	8		1	m#	m#	m#	m#	m#	m#	m#
4	2	String	feePaymentMethod	No info blank cell	PAYMENT_METHOD_TYPE	1	o	o	o	o	o	o	o
4	3	Decimal	feeAmount	17		1	m#	m#	m#	m#	m#	m#	m#
4	4	Decimal	feeBasis	17		1	o	o	o	o	o	o	o
3	2	NV	submissionOffering	No info blank cell		Unlimited	m#	m#	m#	m#	m#	m#	m#
4	1	String	feeOfferingTypeOfPayment		PAYMENT_TYPE	1	o	o	o	o	o	o	o

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	424B1	424B2	424B3	424B4	424B5	424B7	424B8
4	2	String	feeOfferingSecurityName		SECURITY_TYPE	1	0	0	0	0	0	0	0
4	3	Decimal	feeOfferingShares			1	0	0	0	0	0	0	0
4	4	Decimal	feeOfferingAmountPerShare	17		1	0	0	0	0	0	0	0
4	5	Decimal	feeOfferingAggregatePrice	17		1	0	0	0	0	0	0	0
3	3	NV	submissionOffset	No info blank cell		Unlimited	0	0	0	0	0	0	0
4	1	String	offsetCik	10		1	m#	m#	m#	m#	m#	m#	m#
4	2	String	offsetFormType	No info blank cell	SUBMISSION_TYPE	1	0	0	0	0	0	0	0
4	3	String	offsetFileNumber	17		1	m#	m#	m#	m#	m#	m#	m#
4	4	Date	offsetFilingDate	No info blank cell		1	m#	m#	m#	m#	m#	m#	m#
4	5	Decimal	offsetAmount	17		1	m#	m#	m#	m#	m#	m#	m#

3.4.8 Mapping of ELO Subject Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	40-17F1	40-17F1/A	40-17F2	40-17F2/A	CB	CB/A	F-N	F-N/A	F-X	F-X/A	N-27D-1	N-27D-1/A	SC 14F1	SC 14F1/A
1	1	NV	edgarSubmission			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	1	String	schemaVersion			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	2	String	liveTestFlag		LIVE TEST TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	3	NV	Flag		No info blank cell	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	boolean	confirmingCopyFlag		"true" or "false"	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	2	boolean	returnCopyFlag		"true" or "false"	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	3	boolean	overrideInternetFlag		"true" or "false"	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	4	String	submissionType		SUBMISSION TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	5	NV	contact			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	String	Name	30		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	2	String	phoneNumber	20		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	6	NV	filer			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	Decimal	filerId	10		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	2	Decimal	filerCcc	8		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	7	NV	subCompanyFiler			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	String	filerId	10		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	2	String	irsNumber	9		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	3	String	fileNumber	17		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	4	String	fileName	150		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	8	NV	Sros			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	String	srold		SRO TYPE	13	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	9	String	periodOfReport			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	10	String	notifications			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	String	internetNotificationAddress	80	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	40-17F1	40-17F1/A	40-17F2	40-17F2/A	CB	CB/A	F-N	F-N/A	F-X	F-X/A	N-27D-1	N-27D-1/A	SC 14F1	SC 14F1/A
2	11	NV	moduleSegments			1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	NV	moduleSegment			Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	Decimal	modOrSegFlag		MODULE_OR_SEGMENT_FLAG	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	Decimal	nickName	15		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	Cik	10		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	4	String	Ccc	8		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	5	String	documentType		SUB_DOCUMENT_TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	12	NV	Documents			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	NV	document			Unlimited	m	m	m	m	m	m	m	m	m	m	m	m	m	m
4	1	string	conformedName	32		1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
4	2	String	conformedDocumentType		SUB_DOCUMENT_TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m
4	3	String	description	255		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	4	String	contents			1	m	m	m	m	m	m	m	m	m	m	m	m	m	m

3.4.9 Mapping of ELO Subject SC Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	DEFC14A	DEFC14C	DEFN14A	DFAN14A	DFRN14A	PREC14A	PREC14C	PREN14A	PRRN14A	PX14A6G	PX14A6N
1	1	NV	edgarSubmission			1	m	m	m	m	m	m	m	m	m	m	m
2	1	String	schemaVersion	5		1	o	o	o	o	o	o	o	o	o	o	o
2	2	String	liveTestFlag		LIVE TEST TYPE	1	m	m	m	m	m	m	m	m	m	m	m
2	3	boolean	Flag		No info blank cell	1	o	o	o	o	o	o	o	o	o	o	o
3	1	boolean	confirmingCopyFlag		"true" or "false"	1	o	o	o	o	o	o	o	o	o	o	o
3	2	boolean	delayingAmendmentFlag		"true" or "false"	1	o	o	o	o	o	o	o	o	o	o	o
3	3	boolean	overrideInternetFlag		"true" or "false"	1	o	o	o	o	o	o	o	o	o	o	o
3	4	boolean	returnCopyFlag		"true" or "false"	1	o	o	o	o	o	o	o	o	o	o	o
3	5	boolean	serialFlag		"true" or "false"	1	o	o	o	o	o	o	o	o	o	o	o
2	4	String	submissionType		SUBMISSION TYPE	1	m	m	m	m	m	m	m	m	m	m	m
2	5	NV	contact			1	o	o	o	o	o	o	o	o	o	o	o
3	1	String	Name	30		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	2	String	phoneNumber	20		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	6	NV	filer			1	m	m	m	m	m	m	m	m	m	m	m
3	1	String	filerId	10		1	m	m	m	m	m	m	m	m	m	m	m
3	2	String	filerCcc	8		1	m	m	m	m	m	m	m	m	m	m	m
2	7	NV	subCompanyFiler	No info blank cell		1	m	m	m	m	m	m	m	m	m	m	m
3	1	String	filerId	10		1	m	m	m	m	m	m	m	m	m	m	m
3	2	String	irsNumber	9		1	m	m	m	m	m	m	m	m	m	m	m
3	3	String	fileNumber	17		1	o	o	o	o	o	o	o	o	o	o	m
3	4	String	filerName	150		1	m	m	m	m	m	m	m	m	m	m	m
3	5	NV	filerInvCompany			1	o	o	o	o	o	o	o	o	o	o	o
4	1	boolean	isImCompany		"true" or "false"	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	invCompanyType		INV COMPANY TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	DEFC14A	DEFC14C	DEFN14A	DFAN14A	DFRN14A	PREC14A	PREC14C	PREN14A	PRRN14A	PX14A6G	PX14A6N
2	8	NV	Sros			1	m	m	m	m	m	m	m	m	m	m	m
3	1	String	srold		SRO_TYPE		m	m	m	m	m	m	m	m	m	m	m
2	9	String	periodOfReport	10		1	o	o	o	o	o	o	o	o	o	o	o
2	10	NV	Notifications			1	o	o	o	o	o	o	o	o	o	o	o
3	1	String	internetNotificationAddress	80		Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	11	NV	moduleSegments			1	o	o	o	o	o	o	o	o	o	o	o
3	1	NV	moduleSegment			Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	1	String	modorSegFlag	1	MODULE_OR_SEGMENT_FLAG	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	2	String	nickName	15		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	3	String	Cik	10		1	o	o	o	o	o	o	o	o	o	o	o
3	4	String	Ccc	8		1	o	o	o	o	o	o	o	o	o	o	o
3	5	String	documentType		SUB_DOCUMENT_TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	12	NV	Documents			1	m	m	m	m	m	m	m	m	m	m	m
3	1	NV	Document			Unlimited	m	m	m	m	m	m	m	m	m	m	m
4	1	String	conformedName			1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	conformedDocumentType		SUB_DOCUMENT_TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	description	255		1	o	o	o	o	o	o	o	o	o	o	o
4	4	String	Contents			1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	13	NV	seriesClasses			1	o	o	o	o	o	o	o	o	o	o	o
3	1	NV	reportSeriesClass			Unlimited	o	o	o	o	o	o	o	o	o	o	o
4	1	boolean	rptIncludeAllSeriesFlag		"true" or "false"	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	NV	rptSeriesClassInfo			1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	1	String	seriesId	10		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	2	boolean	includeAllClassesFlag		"true" or "false"	1	o	o	o	o	o	o	o	o	o	o	o
5	3	String	classId	10		Unlimited	o	o	o	o	o	o	o	o	o	o	o

3.4.10 Mapping of ELO Subject Fee Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	SC 13E1	SC 13E1/A	F-6	F-6/A	F-6EF
1	1	NV	edgarSubmission			1	m	m	m	m	m
2	1	String	schemaVersion	5	No info blank cell	1	o	o	o	o	o
2	2	String	liveTestFlag		LIVE TEST TYPE	1	m	m	m	m	m
2	3	boolean	flags		No info blank cell	1	o	o	o	o	o
3	1	boolean	confirmingCopyFlag		"true" or "false"	1	o	o	o	o	o
3	2	Boolean	delayingAmendmentFlag		"true" or "false"	1	o	o	o	o	o
3	2	boolean	returnCopyFlag		"true" or "false"	1	o	o	o	o	o
3	3	boolean	overrideInternetFlag		"true" or "false"	1	o	o	o	o	o
2	4	String	submissionType		SUBMISSION TYPE	1	m	m	m	m	m
2	5	NV	contact			1	o	o	o	o	o
3	1	String	Name	30		1	o	o	o	o	o
3	2	String	phoneNumber	20		1	o	o	o	o	o
2	6	String	filer			1	m	m	m	m	m
3	1	String	filerId	10		1	m	m	m	m	m
3	2	String	filerCcc	8		1	m	m	m	m	m
3	4	String	subCompanyfiler			1	m	m	m	m	m
2	7	NV	subCompanyFiler			1	m	m	m	m	m
3	1	String	filerId	10		1	m	m	m	m	m
3	2	String	irsNumber	9		1	o	o	o	o	o
3	3	String	fileNumber	17		1	m	m	m	m	m
3	4	String	filerName	150		1	m	m	m	m	m
2	8	String	Sros			1	m	m	m	m	m

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	SC 13E1	SC 13E1/A	F-6	F-6/A	F-6EF
3	1	String	srold		SRO_TYPE	13	m	m	m	m	m
2	9	String	effectiveDate			1	o	o	o	o	o
2	10	String	Depository	50		1	o	o	o	o	o
2	11	String	References	No info blank cell		1	o	o	o	o	o
3	1	String	references_429	17		Unlimited	m#	m#	m#	m#	m#
2	12	String	Notifications			1	o	o	o	o	o
3	1	String	internetNotificationAddress	80		Unlimited	m#	m#	m#	m#	m#
2	13	NV	moduleSegments			1	o	o	o	o	o
3	1	NV	moduleSegment			Unlimited	m#	m#	m#	m#	m#
4	1	String	modorSegFlag		MODULE_OR_SEGMENT_FLAG	1	m#	m#	m#	m#	m#
4	2	String	nickName	8		1	m#	m#	m#	m#	m#
4	3	String	Cik	10		1	o	o	o	o	o
4	4	String	Ccc	8		1	o	o	o	o	o
4	5	String	documentType		SUB_DOCUMENT_TYPE	1	m#	m#	m#	m#	m#
2	14	String	Documents			1	m	m	m	m	m
3	1	NV	Document			Unlimited	m	m	m	m	m
4	1	string	conformedName			1	m#	m#	m#	m#	m#
4	2	String	conformedDocumentType		SUB_DOCUMENT_TYPE	1	m#	m#	m#	m#	m#
4	3	String	description	255		1	o	o	o	o	o
4	4	String	Contents			1	m#	m#	m#	m#	m#
2	15	NV	edgarFee			1	o	o	o	o	o
3	1	NV	submissionFee			1	m#	m#	m#	m#	m#
4	1	NV	feePayorInformation			1	o	o	o	o	o
5	1	String	filerId	10		1	m#	m#	m#	m#	m#

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	SC 13E1	SC 13E1/A	F-6	F-6/A	F-6EF
5	2	String	filerCcc	8		1	m#	m#	m#	m#	m#
4	2	String	feePaymentMethod		PAYMENT METHOD TYPE	1	o	o	o	o	o
4	3	Decimal	feeAmount	17		1	m#	m#	m#	m#	m#
4	4	Decimal	feeBasis	17		1	o	o	o	o	o
3	2	NV	submissionOffering			Unlimited	m#	m#	m#	m#	m#
4	1	String	feeOfferingTypeOfPayment		PAYMENT TYPE	1	o	o	o	o	o
4	2	String	feeOfferingSecurityName		SECURITY TYPE	1	o	o	o	o	o
4	3	Decimal	feeOfferingShares			1	o	o	o	o	o
4	4	Decimal	feeOfferingAmountPerShare	17		1	o	o	o	o	o
4	5	Decimal	feeOfferingAggregatePrice	17		1	o	o	o	o	o
3	3	NV	submissionOffset			Unlimited	o	o	o	o	o
4	1	String	offsetCik	10		1	m#	m#	m#	m#	m#
4	2	String	offsetFormType		SUBMISSION TYPE	1	o	o	o	o	o
4	3	String	offsetFileNumber	17		1	m#	m#	m#	m#	m#
4	4	Date	offsetFilingDate			1	m#	m#	m#	m#	m#
4	5	Decimal	offsetAmount	17		1	m#	m#	m#	m#	m#

3.4.11 Mapping of ELO Subject Group Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	FWP	SC 13D	SC 13D/A	SC 13G	SC 13G/A	SC 14D9	SC 14D9/A	SC TO-C	SC14D9C	SC14D9F	SC14D9F/A
1	1	NV	edgarSubmission			1	m	m	m	m	m	m	m	m	m	m	m
2	1	Decimal	schemaVersion	5	No info blank cell	1	o	o	o	o	o	o	o	o	o	o	o
2	2	String	liveTestFlag		LIVE TEST TYPE	1	m	m	m	m	m	m	m	m	m	m	m
2	3	boolean	flags			1	o	o	o	o	o	o	o	o	o	o	o
3	1	boolean	confirmingCopyFlag		"true" or "false"	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	2	boolean	returnCopyFlag		"true" or "false"	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	3	boolean	overrideInternetFlag		"true" or "false"	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	4	String	submissionType		SUBMISSION TYPE	1	m	m	m	m	m	m	m	m	m	m	m
2	5		filer			1	m	m	m	m	m	m	m	m	m	m	m
3	1	Decimal	filerId	10		1	m	m	m	m	m	m	m	m	m	m	m
3	2	Decimal	filerCcc	8		1	m	m	m	m	m	m	m	m	m	m	m
3	3	Decimal	fileNumber			1	o	o	o	o	o	o	o	o	o	o	o
2	6	NV	comboFormTypes			1	o	o	o	o	o	o	o	o	o	o	o
3	1	String	comboFormType		COMBO SUBMISSION TYPE 1	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	6	NV	subCompanyFiler			1	m	m	m	m	m	m	m	m	m	m	m
3	1	String	filerId	10		1	m	m	m	m	m	m	m	m	m	m	m
3	2	String	irsNumber	9		1	o	o	o	o	o	o	o	o	o	o	o
3	3	String	fileNumber	17		1	o	o	o	o	o	o	o	o	o	o	o
3	4	String	filerName	150		1	m	m	m	m	m	m	m	m	m	m	m
3	5	String	groupName	150		Unlimited	o	o	o	o	o	o	o	o	o	o	o
2	7	NV	contact			1	o	o	o	o	o	o	o	o	o	o	o

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	FWP	SC 13D	SC 13D/A	SC 13G	SC 13G/A	SC 14D9	SC 14D9/A	SC TO-C	SC14D9C	SC14D9F	SC14D9F/A
3	1	String	name	30		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	2	String	phoneNumber	20		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	8	String	Sros			1	o	o	o	o	o	o	o	o	o	o	o
3	1	String	srold		SRO_TYPE	13	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	9	boolean	rule163Flag		"true" or "false"	1	o	o	o	o	o	o	o	o	o	o	o
2	10	boolean	rule433Flag		"true" or "false"	1	o	o	o	o	o	o	o	o	o	o	o
2	11	boolean	firstFilingIssuingEntityFlag		"true" or "false"	1	o	o	o	o	o	o	o	o	o	o	o
2	12	String	depositor	150		1	o	o	o	o	o	o	o	o	o	o	o
2	13	NV	notifications			1	o	o	o	o	o	o	o	o	o	o	o
3	1	String	internetNotificationAddress	80		Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	14	NV	moduleSegments			1	o	o	o	o	o	o	o	o	o	o	o
3	1	NV	moduleSegment			Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	String	modorSegFlag		MODULE_OR_SEGMENT_FLAG	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	nickName	8		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	Cik	10		1	o	o	o	o	o	o	o	o	o	o	o
4	4	String	Ccc	3		1	o	o	o	o	o	o	o	o	o	o	o
4	5	String	documentType	5	SUB_DOCUMENT_TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	15	NV	documents			1	m	m	m	m	m	m	m	m	m	m	m
3	1	NV	document			Unlimited	m	m	m	m	m	m	m	m	m	m	m
4	1	String	conformedName	32		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	conformedDocumentType		SUB_DOCUMENT_TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	description	255		1	o	o	o	o	o	o	o	o	o	o	o
4	4	String	contents			1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#

3.4.12 Mapping of ELO Subject Group SC Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	425
1	1	NV	edgarSubmission			1	m
2	1	String	schemaVersion	5	No info blank cell	1	o
2	2	String	liveTestFlag		LIVE_TEST_TYPE	1	m
2	3	NV	flag			1	o
3	1	boolean	confirmingCopyFlag		"true" or false"	1	o
3	2	boolean	returnCopyFlag		"true" or false"	1	o
3	3	boolean	overrideInternetFlag		"true" or false"	1	o
2	4	String	submissionType		SUBMISSION_TYPE	1	m
2	5	NV	filer			1	m
3	1	String	filerId	10		1	m
3	2	String	filerCcc	8		1	m
2	6	NV	subCompanyFiler	No info blank cell		1	m
3	1	String	filerId	10		1	m
3	2	String	fileNumber	17		1	m
3	3	String	fileName	150		1	m
3	4	NV	filerInvCompany			1	m#
4	1	boolean	isImCompany			1	m#
4	2	String	invCompanyType			1	m
3	5	String	groupName			Unlimited	m#
2	7	NV	contact			1	o
3	1	String	Name	30		1	o
3	2	String	phoneNumber	20		1	o
2	8	String	Sros			1	m

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	425
3	1	String	srold		SRO_TYPE	13	m
2	9	boolean	rule163Flag		"true" or "false"	1	o
2	10	boolean	rule433Flag		"true" or "false"	1	o
2	11	NV	Notifications			1	o
3	1	String	internetNotificationAddress	80		Unlimited	m#
2	12	NV	moduleSegments			1	o
3	1	NV	moduleSegment			Unlimited	m#
4	1	String	modOrSegFlag		MODULE_OR_SEGMENT_FLAG	1	m#
4	2	String	nickName	8		1	m#
4	3	String	Cik	10		1	o
4	4	String	ccc	8		1	o
4	5	NV	documentType			1	m#
2	12	NV	Documents			1	m
3	1	NV	document			Unlimited	m
4	1	String	conformedName	32		1	m
4	2	String	conformedDocumentType	No info blank cell	SUB_DOCUMENT_TYPE	1	m
4	3	String	description	255		1	o
4	4	String	contents			1	m
2	13	NV	seriesClasses			1	o
3	1	NV	mgrSeriesClass			1	o
4	1	NV	acquiringInfo			1	m
5	1	NV	acquiringInvCompanyType			1	m
5	2	String	acquiringCik	10		1	m
5	3	String	acquiringSeriesId	150		1	m#
5	4	String	acquiringClassId	10		1	m#
3	2	NV	targetInfo			1	m
4	1	NV	targetInvCompanyType			1	m
4	2	String	targetCik	10		1	m

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	425
4	3	boolean	targetIncludeAllSeriesFlag		"true" or "false"	1	o
4	4	NV	targetSeriesClassInfo			Unlimited	o
5	1	String	seriesId	10		1	m
5	2	boolean	includeAllClassesFlag	No info blank cell		1	m
5	3	String	classId	10		Unlimited	m
4	5	NV	targetClassInfo			1	o
5	1	boolean	rptIncludeAllClassesFlag		"true" or "false"	1	m
5	2	String	rptClassId	10	No info blank cell	unlimited	m

3.4.13 Mapping of ELO Subject Group Fee Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	SC 13E3	SC 13E3/A	SC TO-I	SC TO-I/A	SC TO-T	SC TO-T/A	SC13E4F	SC13E4F/A	SC14D1F	SC14D1F/A
1	1	NV	edgarSubmission			1	m	m	m	m	m	m	m	m	m	m
2	1	String	schemaVersion	5	No info blank cell	1	o	o	o	o	o	o	o	o	o	o
2	2	String	liveTestFlag		LIVE_TEST_TYPE	1	m	m	m	m	m	m	m	m	m	m
2	3	NV	flag		No info blank cell	1	o	o	o	o	o	o	o	o	o	o
3	1	boolean	confirmingCopyFlag		"true" or false"	1	o	o	o	o	o	o	o	o	o	o
3	2	boolean	overrideInternetFlag		"true" or false"	1	o	o	o	o	o	o	o	o	o	o
3	3	boolean	returnCopyFlag		"true" or false"	1	o	o	o	o	o	o	o	o	o	o
2	4	String	submissionType		SUBMISSION_TYPE	1	m	m	m	m	m	m	m	m	m	m
2	5	NV	filer			1	m	m	m	m	m	m	m	m	m	m
3	1	String	filerId	10		1	m	m	m	m	m	m	m	m	m	m
3	2	String	filerCcc	8		1	m	m	m	m	m	m	m	m	m	m
2	6	NV	comboFormTypes			1	o	o	o	o	o	o	o	o	o	o
3	1	String	comboFormType		COMBO_SUBMISSION_TYPE	2	o	o	o	o	o	o	o	o	o	o
2	7	NV	subCompanyFiler			1	m	m	m	m	m	m	m	m	m	m
3	1	String	filerId	10		1	m	m	m	m	m	m	m	m	m	m
3	2	String	irsNumber	9		1	m	m	m	m	m	m	m	m	m	m
3	2	String	irsNumber	7		1	m	m	m	m	m	m	m	m	m	m
3	3	String	filerName	150		1	m	m	m	m	m	m	m	m	m	m
2	8	NV	contact			1	o	o	o	o	o	o	o	o	o	o
3	1	String	Name	30		1	o	o	o	o	o	o	o	o	o	o
3	2	String	phoneNumber	20		1	o	o	o	o	o	o	o	o	o	o
2	9	String	Sros			1	m	m	m	m	m	m	m	m	m	m
3	1	String	sroid		SRO_TYPE	13	m	m	m	m	m	m	m	m	m	m
2	10	NV	Notifications			1	o	o	o	o	o	o	o	o	o	o
3	1	String	internetNotificationAddress	80		Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	11	NV	moduleSegments			1	o	o	o	o	o	o	o	o	o	o
3	1	NV	moduleSegment		No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	SC 13E3	SC 13E3/A	SC TO-I	SC TO-I/A	SC TO-T	SC TO-T/A	SC13E4F	SC13E4F/A	SC14D1F	SC14D1F/A
4	1	String	modOrSegFlag		MODULE OR SEGMENT FLAG	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	nickName	15		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	Cik	10		1	o	o	o	o	o	o	o	o	o	o
4	4	String	Ccc	8		1	o	o	o	o	o	o	o	o	o	o
4	5	NV	documentType		SUB DOCUMENT TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	12	NV	Documents			1	m	m	m	m	m	m	m	m	m	m
3	1	NV	Document			Unlimited	m	m	m	m	m	m	m	m	m	m
4	1	String	conformedName	32		1	m	m	m	m	m	m	m	m	m	m
4	2	String	conformedDocumentType	No info blank cell	SUB DOCUMENT TYPE	1	m	m	m	m	m	m	m	m	m	m
4	3	String	description	255		1	o	o	o	o	o	o	o	o	o	o
4	4	String	contents			1	m	m	m	m	m	m	m	m	m	m
2	13	NV	edgarFee													
3	1	NV	submissionFee			1	o	o	o	o	o	o	o	o	o	o
4	1	NV	feePayorInformation			1	o	o	o	o	o	o	o	o	o	o
5	1	String	filerId	10		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	2	String	filerCcc	8		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	feePaymentMethod		PAYMENT METHOD TYPE	1	o	o	o	o	o	o	o	o	o	o
4	3	decimal	feeAmount	17		1	m	m	m	m	m	m	m	m	m	m
4	4	decimal	feeBasis	17		1	o	o	o	o	o	o	o	o	o	o
3	2	NV	submissionOffset			Unlimited	o	o	o	o	o	o	o	o	o	o
4	1	String	offsetCik	10		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	offsetFormType		SUBMISSION TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	offsetFileNumber	17		1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	4	String	offsetFilingDate			1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	5	decimal	offsetAmount			1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#

3.4.14 Mapping of ELO Correspondence Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	CORRESP
1	1	NV	edgarSubmission	No info blank cell	No info blank cell	1	m
2	1	String	schemaVersion	5	No info blank cell	1	o
2	2	String	liveTestFlag		LIVE TEST TYPE	1	m
2	3	NV	flags		No info blank cell	1	o
3	1	boolean	returnCopyFlag		“true” or false”	1	o
3	2	boolean	overrideInternetFlag		“true” or false”	1	o
2	4	String	submissionType		SUBMISSION TYPE	1	m
2	5	NV	contact			1	o
3	1	String	name	30		1	o
3	2	String	phoneNumber	20		1	o
2	6	NV	filer			1	m
3	1	String	filerId	10		1	m
3	2	String	filerCcc	8		1	m
2	7	NV	coregs	No info blank cell		Unlimited	o
3	1	String	filerId	10		1	m
3	2	String	filerCcc	8		1	m
2	8	NV	notifications	No info blank cell		1	o
3	1	String	internetNotificationAddress	80		Unlimited	m#
2	9	NV	moduleSegments			1	o
3	1	NV	moduleSegment			Unlimited	m#
4	1	String	modOrSegFlag		MODULE OR SEGMENT FLAG	1	m#
4	2	String	nickName	15		1	m#
4	3	String	cik	10		1	o
4	4	String	ccc	8		1	o

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	CORRESP
4	5	NV	documentType		SUB_DOCUMENT_TYPE	1	m#
2	10	NV	documents			1	m
3	1	NV	document			Unlimited	m
4	1	String	conformedName	32		1	m
4	2	String	conformedDocumentType	No info blank cell	SUB_DOCUMENT_TYPE	1	m
4	3	String	description	255		1	o
4	4	String	contents	No info blank cell		1	m

3.4.15 Mapping of ELO Bulk Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	Bulk
1	1	NV	edgarBulkSubmission	No info blank cell		1	o
2	1	String	schemaVersion	5		1	o
2	2	String	liveTestFlag		LIVE_TEST_TYPE	1	m
2	3	NV	Attachments			1	m
3	1	NV	Attachment			Unlimited	m#
4	1	String	submissionName	32		1	m#
4	2	String	Description	255		1	o
4	3	String	Contents			1	m#

3.4.16 Mapping of Ownership Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur							144	144/A
1	1	NV	edgarSubmission			1							m	m
2	1	String	schemaVersion	5	No info blank cell	1							o	o
2	2	String	liveTestFlag		LIVE_TEST_TYPE	1							m	m
2	3	NV	flag			1							o	o
3	3	boolean	overrideInternetFlag		"true" or false"	1							o	o
3	4	boolean	returnCopyFlag		"true" or false"	1							o	o
2	4	String	submissionType		SUBMISSION_TYPE	1							m	m
2	5	NV	contact			1							o	o
3	1	String	Name	30		1							o	o
3	2	String	phoneNumber	20		1							o	o
2	6	NV	Filer			1							m	m
3	1	String	filerId	10		1							m	m
3	2	String	filerCcc	8		1							m	m
3	3	String	filerRelationship		RPT_OWNER_RELATIONSHIP_TYPE	1							m	m
2	7	NV	subCompanyFiler			1							m	m
3	1	String	filerId	10		1							m	m
3	2	String	irsNumber	7		1							m	m
3	3	String	filerName	150		1							m	m
2	8	NV	Sros			1							m	m
3	1	String	srold		SRO_TYPE	13							m	m
2	9	NV	Notifications			1							o	o
3	1	String	internetNotificationAddress	80		Unlimited							m#	m#
2	10	NV	moduleSegments			1							o	o
3	1	NV	moduleSegment			Unlimited							m#	m#
4	1	String	modOrSegFlag		MODULE_OR_SEGMENT_FLAG	1							m#	m#
4	2	String	nickName	15	No info blank cell	1							m#	m#

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur								144	144/A
4	3	String	Cik	10		1								o	o
4	4	String	Ccc	8		1								o	o
4	5	NV	documentType		SUB_DOCUMENT_TYPE	1								m#	m#
2	11	NV	Documents			1								m	m
3	1	NV	Document			Unlimited								m	m
4	1	String	conformedName	32		1								m	m
4	2	String	conformedDocumentType	No info blank cell	SUB_DOCUMENT_TYPE	1								m	m
4	3	String	description	255		1								o	o
4	4	String	contents	No info blank cell		1								m	m

3.4.17 Mapping of Modules and Segments Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	MODULE	SEGMENT
1	1	NV	edgarSubmission			1	m	m
2	1	String	schemaVersion	5		1	o	o
2	2	String	liveTestFlag		LIVE_TEST_TYPE	1	m	m
2	3	NV	Flag			1	o	o
3	1	boolean	overrideInternetFlag		"true" or "false"	1	m#	m#
3	2	boolean	returnCopyFlag		"true" or "false"	1	m#	m#
2	4	String	submissionType		SUBMISSION_TYPE	1	m	m
2	5	NV	contact			1	o	o
3	1	String	Name	30		1	m#	m#
3	2	String	phoneNumber	20		1	m#	m#
2	6	NV	filer			1	m	m
3	1	String	filerId	10		1	m	m

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	MODULE	SEGMENT
3	2	String	filerCcc	8		1	m	m
3	3	String	fileNumber	17		1	m	m
2	7	NV	notifications			1	o	o
3	1	String	internetNotificationAddress	80		Unlimited	m#	m#
2	8	NV	Documents			1	m	m
3	1	NV	Document			Unlimited	m	m
4	1	String	conformedName	32		1	m	m
4	2	String	conformedDocumentType		SUB_DOCUMENT_TYPE	1	m	m
4	3	String	Description	255		1	o	o
4	4	String	Contents			1	m	m

3.4.18 Mapping of Single Filer Subject Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	ABS-15G	ABS-1G/A
1	1	NV	edgarSubmission	No info blank cell		1	m	m
2	1	String	schemaVersion	5		1	o	o
2	2	String	liveTestFlag		LIVE TEST TYPE	1	m	m
2	3	boolean	flag		No info blank cell	1	o	o
3	1	boolean	confirmingCopyFlag		“true” or “false”	1	o	o
3	2	boolean	overrideInternetFlag		“true” or “false”	1	o	o
3	3	boolean	returnCopyFlag		“true” or “false”	1	o	o
2	4	NV	contact			1	o	o
3	1	String	Name	30		1	o	o

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	ABS-15G	ABS-1G/A
3	2	String	phoneNumber	20		1	o	o
2	5	NV	sros			1	m	m
3	1	String	srold		SRO_TYPE	13	m	m
2	6	Date	startPeriodOfReport		DATE_TYPE	1	m#1	m#1
2	7	Date	periodOfReport		DATE_TYPE	1	m#1	m#1
2	8	String	submissionType		ABS_15G_SUBMISSION_TYPE	1	m	m
2	9	String	accessionNumber		No info blank cell	1	o	o
2	10	String	assetClassType		ASSET_CLASS_TYPE	1	m	m
2	11	NV	filer			1	m	m
3	1	String	filerId	10		1	m	m
3	2	String	filerCcc	8		1	m	m
3	3	String	fileNumber	17		1	o	o
2	12	NV	rule15gaType			1	m	m
3	1	NV	rule15ga1Type			1	m	m
4	1	boolean	isRule15Ga1		“true” or “false”	1	m	m
4	2	String	rule15Ga1Item		RULE15GA1_ITEM_TYPE	1	m#	m#
4	3	String	filedItem101		“yes” or “no”	1	m#1	m#1
4	4	String	fileNumberItem101	17		1	m#1	m#1
4	5	String	noActivityInitial		“yes” or “no”	1	o	o
4	6	String	noActivityQtr		“yes” or “no”	1	o	o
4	7	String	noActivityAnnual		“yes” or “no”	1	o	o
3	2	NV	rule15ga2Type		No info blank cell	1	m#	m#
4	1	boolean	isRule15Ga2		“true” or “false”	1	m	m
4	2	String	rule15Ga2Item		RULE15GA2_ITEM_TYPE	1	m	m

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	ABS-15G	ABS-1G/A
4	3	String	securitizerFileNumber	17	FILE_NUMBER_TYPE	1	o	o
4	3	String	isRegistered	No info blank cell	"yes" or "no"	1	o	o
4	4	String	serialFileNumber	17		1	o	o
4	5	NV	issuerType	No info blank cell		1	o	o
5	1	NV	issuerCIK	10		1	m#	m#
5	2	NV	issuerEntityName	30		1	m#	m#
2	13	NV	notifications	No info blank cell		1	o	o
3	1	String	internetNotificationAddress	80		Unlimited	m#	m#
2	14	NV	moduleSegments	No info blank cell		1	o	o
3	1	NV	moduleSegments	15		Unlimited	m#	m#
4	1	String	modOrSegFlag	10	MODULE_OR_SEGMENT_FLAG	1	m#	m#
4	2	String	nickName	8		1	m#	m#
4	3	String	cik	10		1	o	o
4	4	String	ccc	8		1	o	o
4	5	String	documentType		SUB_DOCUMENT_TYPE	1	m#	m#
2	15	NV	documents			1	m	m
3	1	NV	document			Unlimited	m	m
4	1	string	conformedName	32		1	m	m
4	2	String	conformedDocumentType	No info blank cell	SUB_DOCUMENT_TYPE	1	m	m
4	3	String	description	255		1	o	o
4	4	String	contents	No info blank cell		1	m	m

3.4.19 Mapping of Subject CoReg Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	SC 14N	SC 14N/A	SC 14N-S	SC 14N-S/A
1	1	NV	edgarSubmission			1	m	m	m	m
2	1	String	schemaVersion	5		1	o	o	o	o
2	2	String	liveTestFlag		LIVE TEST TYPE	1	m	m	m	m
2	3	NV	Flag			1	o	o	o	o
3	1	boolean	confirmingCopyFlag		"true" or "false"	1	o	o	o	o
3	2	boolean	returnCopyFlag		"true" or "false"	1	o	o	o	o
3	3	boolean	overrideInternetFlag		"true" or "false"	1	o	o	o	o
2	4	String	submissionType		SUBMISSION TYPE	1	m	m	m	m
2	5	NV	filer			1	m	m	m	m
3	1	String	filerId	10		1	m	m	m	m
3	2	String	filerCcc	8		1	m	m	m	m
2	6	boolean	isN1orN3InvCompany		"true" or "false"	1	o	o	o	o
2	7	NV	subCompanyFiler			1	m	m	m	m
3	1	String	filerId	10		1	m	m	m	m
3	2	String	irsNumber	9		1	o	o	o	o
3	3	String	fileNumber	17		1	o	o	o	o
3	4	String	filerName	150		1	m	m	m	m
2	8	NV	coregs			1	o	o	o	o
3	1	NV	filer			Unlimited	o	o	o	o
3	1	String	filerId	10		1	m#	m#	m#	m#
3	2	String	filerCcc	8		1	m#	m#	m#	m#
2	5	NV	contact			1	o	o	o	o
3	1	String	name	30		1	o	o	o	o
3	2	String	phoneNumber	20		1	o	o	o	o
2	7	NV	sros			1	m	m	m	m

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	SC 14N	SC 14N/A	SC 14N-S	SC 14N-S/A
3	1	String	srold		SRO_TYPE	13	m	m	m	m
2	9	NV	notifications			1	o	o	o	o
3	1	String	internetNotificationAddress	80		Unlimited	m#	m#	m#	m#
2	10	NV	moduleSegments			1	o	o	o	o
3	1	NV	moduleSegment			Unlimited	m#	m#	m#	m#
4	1	String	modOrSegFlag		MODULE OR SEGMENT FLAG	1	m#	m#	m#	m#
4	2	String	nickName	15		1	m#	m#	m#	m#
4	3	String	cik	10		1	o	o	o	o
4	4	String	ccc	8		1	o	o	o	o
4	5	String	documentType		SUB_DOCUMENT_TYPE	1	m#	m#	m#	m#
2	11	NV	documents			1	m	m	m	m
3	1	NV	document			Unlimited	m	m	m	m
4	1	String	conformedName	32		1	m	m	m	m
4	2	String	conformedDocumentType		SUB_DOCUMENT_TYPE	1	m	m	m	m
4	3	String	description	255		1	o	o	o	o
4	4	String	contents			1	m	m	m	m
2	12	NV	reportseries			1	m	m	m	m
3	1	boolean	rptIncludeAllSeriesFlag		"true" or "false"	1	m	m	m	m
4	2	NV	rptSeriesClassInfo			Unlimited	m	m	m	m
5	1	String	seriesId	10		1	m	m	m	m
5	3	boolean	includeAllClassesFlag		"true" or "false"	1	m	m	m	m
5	2	String	classId	10		Unlimited	o	o	o	o

3.4.20.1 Mapping of Subject CoReg SC Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	485APOS	485BPOS	485BXT	497	497AD	497J	497K	DEF-14A	DEF-14C	DEFA14A	DEFA14C	DEFR14A	DEFR14C	DEFM14A	DEFM14C	N-1A
1	1	NV	edgarSubmission	No info blank cell	No info blank cell	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	1	String	schemaVersion	5	No info blank cell	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	2	String	liveTestFlag	No info blank cell	LIVE TEST TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	3	NV	flags	No info blank cell	No info blank cell	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	boolean	confirmingCopyFlag	No info blank cell	"true" or "false"	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	2	boolean	delayingAmendmentFlag	No info blank cell		1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	3	boolean	returnCopyFlag	No info blank cell	"true" or "false"	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	4	boolean	overrideInternetFlag	No info blank cell	"true" or "false"	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	4	String	submissionType	No info blank cell	SUBMISSION TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	5	NV	contact	No info blank cell	No info blank cell	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	String	name	30	No info blank cell	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	2	String	phoneNumber	20	No info blank cell	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	6	NV	filer	No info blank cell	No info blank cell	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	String	filerId	10	No info blank cell	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	2	String	filerCcc	8	No info blank cell	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	3	String	fileNumber	17	No info blank cell	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	7	NV	coregs	No info blank cell	No info blank cell	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	NV	filer	No info blank cell	No info blank cell	Unlimited	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	1	String	filerId	10	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	filerCcc	8	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	fileNumber	17	No info blank cell	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
2	8	NV	sros	No info blank cell	No info blank cell	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	String	srold	No info blank cell	SRO TYPE	13	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	485APOS	485BPOS	485BXT	497	497AD	497J	497K	DEF 14A	DEF 14C	DEFA14A	DEFA14C	DEFR14A	DEFR14C	DEFM14A	DEFM14C	N-1A
2	9	String	act		ACT_TYPE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	10	Date	periodOfReport			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	11	Date	effectiveDate			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	12	String	invCompany		INV_COMPANY_TYPE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	13	NV	notifications	No info blank cell	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	String	internetNotificationAddress	No info blank cell	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	14	NV	moduleSegments	No info blank cell	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	NV	moduleSegment	No info blank cell	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	String	modOrSegFlag	No info blank cell	MODULE OR SEGMENT_FLAG	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	nickName	15	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	cik	10	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	4	String	ccc	8	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	5	String	documentType	No info blank cell	SUB_DOCUMENT_TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	15	NV	documents	No info blank cell	No info blank cell	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	NV	document	No info blank cell	No info blank cell	Unlimited	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
4	1	String	conformedName	32	No info blank cell	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
4	2	String	conformedDocumentType	No info blank cell	SUB_DOCUMENT_TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
4	3	String	description	255	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	4	String	contents	No info blank cell	No info blank cell	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	16	NV	seriesClasses	No info blank cell	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	NV	mergeSeriesClass	No info blank cell	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	NV	acquiringInfo	No info blank cell	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	1	String	acquiringInvCompanyType	No info blank cell	MERGE_INV_COMPANY_TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	2	String	acquiringCik	10	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	3	String	acquiringSeriesId	150	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	485APOS	485BPOS	485BXT	497	497AD	497J	497K	DEF 14A	DEF 14C	DEFA14A	DEFA14C	DEFR14A	DEFR14C	DEFM14A	DEFM14C	N-1A
5	4	String	acquiringClassId	10	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2	NV	targetInfo	No info blank cell	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	1	String	targetInvCompanyType	No info blank cell	MERGE INV_COMPANY TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	2	String	targetCik	10	No info blank cell		m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	3	boolean	targetIncludeAllSeriesFlag	No info blank cell	"true" or "false"	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	4	NV	targetSeriesClassInfo	No info blank cell	No info blank cell	Unlimited	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	1	String	seriesId	10	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
6	2	boolean	includeAllClassesFlag	No info blank cell	"true" or "false"	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
6	3	String	classId	10	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	2	NV	reportSeriesClass	No info blank cell	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	boolean	rptIncludeAllSeriesFlag	No info blank cell	"true" or "false"	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	NV	rptSeriesClassInfo	No info blank cell	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	1	String	seriesId	10	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	2	boolean	includeAllClassesFlag	No info blank cell	"true" or "false"	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	3	String	classId	10	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	3	NV	reportClass	No info blank cell	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	boolean	rptIncludeAllClassesFlag	No info blank cell	"true" or "false"	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	rptClassId	10	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	4	NV	newSeriesClass	No info blank cell	No info blank cell	Unlimited	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	String	seriesName	150	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	boolean	useCompNameAsSeriesNameFlag	No info blank cell	"true" or "false"	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	3	String	className	150	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	4	boolean	useSeriesNameAsClassNameFlag	No info blank cell	"true" or "false"	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	5	NV	newClass2	No info blank cell	No info blank cell	Unlimited	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	String	seriesId	10	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2	String	className	150	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	485APOS	485BPOS	485BXT	497	497AD	497J	497K	DEF 14A	DEF 14C	DEFA14A	DEFA14C	DEFR14A	DEFR14C	DEFM14A	DEFM14C	N-1A
3	6	NV	newClass	No info blank cell	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	String	className	150	No info blank cell	Unlimited	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2	boolean	useCompNameAsClassNameFlag	No info blank cell	“true” or “false”	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

3.4.20.2 Mapping of Subject CoReg SC Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	N-1A/A	N-14	N-14/A	N-3	N-3/A	N-30B-2	N-30D	N-30D/A	N-4	N-4/A	N-6	N-6/A	N-CSR	N-CSR/A	N-CSRS	N-CSRS/A
1	1	NV	edgarSubmission	No info blank cell	No info blank cell	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	1	String	schemaVersion	5	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2	String	liveTestFlag	No info blank cell	LIVE TEST TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	3	NV	flags	No info blank cell	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	boolean	confirmingCopyFlag	No info blank cell	“true” or “false”	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2	boolean	delayingAmendmentFlag	No info blank cell		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	3	boolean	returnCopyFlag	No info blank cell	“true” or “false”	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	4	boolean	overrideInternetFlag	No info blank cell	“true” or “false”	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	4	String	submissionType	No info blank cell	SUBMISSION TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	5	NV	contact	No info blank cell	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	String	name	30	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2	String	phoneNumber	20	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	6	NV	filer	No info blank cell	No info blank cell	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	String	filerId	10	No info blank cell	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	2	String	filerCcc	8	No info blank cell	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	3	String	fileNumber	17	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	N-1A/A	N-14	N-14/A	N-3	N-3/A	N-30B-2	N-30D	N-30D/A	N-4	N-4/A	N-6	N-6/A	N-CSR	N-CSR/A	N-CSR5	N-CSR5/A
2	7	NV	coregs	No info blank cell	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	NV	filer	No info blank cell	No info blank cell	Unlimited	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	String	filerId	10	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	filerCcc	8	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	fileNumber	17	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	8	NV	sros	No info blank cell	No info blank cell	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	String	srold	No info blank cell	SRO_TYPE	13	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	9	String	act		ACT_TYPE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	10	Date	periodOfReport			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	11	Date	effectiveDate			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	12	String	invCompany		INV_COMPANY_TYPE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	13	NV	notifications	No info blank cell	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	String	internetNotificationAddress	No info blank cell	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	14	NV	moduleSegments	No info blank cell	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	NV	moduleSegment	No info blank cell	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	String	modOrSegFlag	No info blank cell	MODULE_OR_SEGMENT_FLAG	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	nickName	15	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	cik	10	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	4	String	ccc	8	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	5	String	documentType	No info blank cell	SUB_DOCUMENT_TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	15	NV	documents	No info blank cell	No info blank cell	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
3	1	NV	document	No info blank cell	No info blank cell	Unlimited	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
4	1	String	conformedName	32	No info blank cell	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
4	2	String	conformedDocumentType	No info blank cell	SUB_DOCUMENT_TYPE	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
4	3	String	description	255	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	N-1A/A	N-14	N-14/A	N-3	N-3/A	N-30B-2	N-30D	N-30D/A	N-4	N-4/A	N-6	N-6/A	N-CSR	N-CSR/A	N-CSRS	N-CSRS/A
4	4	String	contents	No info blank cell	No info blank cell	1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
2	16	NV	seriesClasses	No info blank cell	No info blank cell	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
3	1	NV	mergeSeriesClass	No info blank cell	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	NV	acquiringInfo	No info blank cell	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	1	String	acquiringInvCompanyType	No info blank cell	MERGE INV COMPANY TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	2	String	acquiringCik	10	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	3	String	acquiringSeriesId	150	No info blank cell	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
5	4	String	acquiringClassId	10	No info blank cell	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	2	NV	targetInfo	No info blank cell	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	1	String	targetInvCompanyType	No info blank cell	MERGE INV COMPANY TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	2	String	targetCik	10	No info blank cell		m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	3	boolean	targetIncludeAllSeriesFlag	No info blank cell	“true” or “false”	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
5	4	NV	targetSeriesClassInfo	No info blank cell	No info blank cell	Unlimited	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
6	1	String	seriesId	10	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
6	2	boolean	includeAllClassesFlag	No info blank cell	“true” or “false”	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
6	3	String	classId	10	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	2	NV	reportSeriesClass	No info blank cell	No info blank cell	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	1	boolean	rptIncludeAllSeriesFlag	No info blank cell	“true” or “false”	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	NV	rptSeriesClassInfo	No info blank cell	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	1	String	seriesId	10	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	2	boolean	includeAllClassesFlag	No info blank cell	“true” or “false”	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	3	String	classId	10	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	3	NV	reportClass	No info blank cell	No info blank cell	1	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
4	1	boolean	rptIncludeAllClassesFlag	No info blank cell	“true” or “false”	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	rptClassId	10	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	4	NV	newSeriesClass	No info blank cell	No info blank cell	Unlimited	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	N-1A/A	N-14	N-14/A	N-3	N-3/A	N-30B-2	N-30D	N-30D/A	N-4	N-4/A	N-6	N-6/A	N-CSR	N-CSR/A	N-CSR5	N-CSR5/A
4	1	String	seriesName	150	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	boolean	useCompNameAsSeriesNameFlag	No info blank cell	“true” or “false”	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	3	String	className	150	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	4	boolean	useSeriesNameAsClassNameFlag	No info blank cell	“true” or “false”	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	5	NV	newClass2	No info blank cell	No info blank cell	Unlimited	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	String	seriesId	10	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2	String	className	150	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	6	NV	newClass	No info blank cell	No info blank cell	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	String	className	150	No info blank cell	Unlimited	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2	boolean	useCompNameAsClassNameFlag	No info blank cell	“true” or “false”	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

3.4.20.3 Mapping of Subject CoReg SC Submission Schemas to Submission Types

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	N-Q	N-Q/A	NT-NCSR	NT-NCSR/A	NT-NSAR	NT-NSAR/A	POS AMI	PRE 14A	PRE 14C
1	1	NV	edgarSubmission	No info blank cell	No info blank cell	1	m	m	m	m	m	m	m	m	m
2	1	String	schemaVersion	5	No info blank cell	1	0	0	0	0	0	0	0	0	0
2	2	String	liveTestFlag	No info blank cell	LIVE TEST TYPE	1	m	m	m	m	m	m	m	m	m
2	3	NV	flags	No info blank cell	No info blank cell	1	0	0	0	0	0	0	0	0	0
3	1	boolean	confirmingCopyFlag	No info blank cell	“true” or “false”	1	0	0	0	0	0	0	0	0	0
3	2	boolean	delayingAmendmentFlag	No info blank cell		1	0	0	0	0	0	0	0	0	0
3	3	boolean	returnCopyFlag	No info blank cell	“true” or “false”	1	0	0	0	0	0	0	0	0	0
3	4	boolean	overrideInternetFlag	No info blank cell	“true” or “false”	1	0	0	0	0	0	0	0	0	0

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	N-Q	N-Q/A	NT-NCSR	NT-NCSR/A	NT-NSAR	NT-NSAR/A	POS AMI	PRE 14A	PRE 14C
2	4	String	submissionType	No info blank cell	SUBMISSION TYPE	1	m	m	m	m	m	m	m	m	m
2	5	NV	contact	No info blank cell	No info blank cell	1	o	o	o	o	o	o	o	o	o
3	1	String	name	30	No info blank cell	1	o	o	o	o	o	o	o	o	o
3	2	String	phoneNumber	20	No info blank cell	1	o	o	o	o	o	o	o	o	o
2	6	NV	filer	No info blank cell	No info blank cell	1	m	m	m	m	m	m	m	m	m
3	1	String	filerId	10	No info blank cell	1	m	m	m	m	m	m	m	m	m
3	2	String	filerCcc	8	No info blank cell	1	m	m	m	m	m	m	m	m	m
3	3	String	fileNumber	17	No info blank cell	1	o	o	o	o	o	o	o	o	o
2	7	NV	coregs	No info blank cell	No info blank cell	1	o	o	o	o	o	o	o	o	o
3	1	NV	filer	No info blank cell	No info blank cell	Unlimited	o	o	o	o	o	o	o	o	o
4	1	String	filerId	10	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	filerCcc	8	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	fileNumber	17	No info blank cell	1	o	o	o	o	o	o	o	o	o
2	8	NV	sros	No info blank cell	No info blank cell	1	m	m	m	m	m	m	m	m	m
3	1	String	srold	No info blank cell	SRO TYPE	13	m	m	m	m	m	m	m	m	m
2	9	String	act		ACT TYPE	1	o	o	o	o	o	o	o	o	o
2	10	Date	periodOfReport			1	o	o	o	o	o	o	o	o	o
2	11	Date	effectiveDate			1	o	o	o	o	o	o	o	o	o
2	12	String	invCompany		INV COMPANY TYPE	1	o	o	o	o	o	o	o	o	o
2	13	NV	notifications	No info blank cell	No info blank cell	1	o	o	o	o	o	o	o	o	o
3	1	String	internetNotificationAddress	No info blank cell	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	14	NV	moduleSegments	No info blank cell	No info blank cell	1	o	o	o	o	o	o	o	o	o
3	1	NV	moduleSegment	No info blank cell	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	String	modOrSegFlag	No info blank cell	MODULE OR SEGMENT FLAG	1	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	nickName	15	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	3	String	cik	10	No info blank cell	1	o	o	o	o	o	o	o	o	o

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	N-Q	N-Q/A	NT-NCSR	NT-NCSR/A	NT-NSAR	NT-NSAR/A	POS AMI	PRE 14A	PRE 14C
4	4	String	ccc	8	No info blank cell	1	o	o	o	o	o	o	o	o	o
4	5	String	documentType	No info blank cell	SUB_DOCUMENT TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#
2	15	NV	documents	No info blank cell	No info blank cell	1	m	m	m	m	m	m	m	m	m
3	1	NV	document	No info blank cell	No info blank cell	Unlimited	m	m	m	m	m	m	m	m	m
4	1	String	conformedName	32	No info blank cell	1	m	m	m	m	m	m	m	m	m
4	2	String	conformedDocumentType	No info blank cell	SUB_DOCUMENT TYPE	1	m	m	m	m	m	m	m	m	m
4	3	String	description	255	No info blank cell	1	o	o	o	o	o	o	o	o	o
4	4	String	contents	No info blank cell	No info blank cell	1	m	m	m	m	m	m	m	m	m
2	16	NV	seriesClasses	No info blank cell	No info blank cell	1	o	o	o	o	o	o	o	o	o
3	1	NV	mergeSeriesClass	No info blank cell	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	1	NV	acquiringInfo	No info blank cell	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	1	String	acquiringInvCompanyType	No info blank cell	MERGE_INV_COMPANY TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	2	String	acquiringCik	10	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	3	String	acquiringSeriesId	150	No info blank cell	1	o	o	o	o	o	o	o	o	o
5	4	String	acquiringClassId	10	No info blank cell	1	o	o	o	o	o	o	o	o	o
4	2	NV	targetInfo	No info blank cell	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	1	String	targetInvCompanyType	No info blank cell	MERGE_INV_COMPANY TYPE	1	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	2	String	targetCik	10	No info blank cell		m#	m#	m#	m#	m#	m#	m#	m#	m#
5	3	boolean	targetIncludeAllSeriesFlag	No info blank cell	“true” or “false”	1	o	o	o	o	o	o	o	o	o
5	4	NV	targetSeriesClassInfo	No info blank cell	No info blank cell	Unlimited	o	o	o	o	o	o	o	o	o
6	1	String	seriesId	10	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#
6	2	boolean	includeAllClassesFlag	No info blank cell	“true” or “false”	1	m#	m#	m#	m#	m#	m#	m#	m#	m#
6	3	String	classId	10	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	2	NV	reportSeriesClass	No info blank cell	No info blank cell	1	o	o	o	o	o	o	o	o	o
4	1	boolean	rptIncludeAllSeriesFlag	No info blank cell	“true” or “false”	1	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	NV	rptSeriesClassInfo	No info blank cell	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#

Level	Order	Data Type	Element Name	Max Length	Choice List	Max Occur	N-Q	N-Q/A	NT-NCSR	NT-NCSR/A	NT-NSAR	NT-NSAR/A	POS AMI	PRE 14A	PRE 14C
5	1	String	seriesId	10	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	2	boolean	includeAllClassesFlag	No info blank cell	“true” or “false”	1	m#	m#	m#	m#	m#	m#	m#	m#	m#
5	3	String	classId	10	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	3	NV	reportClass	No info blank cell	No info blank cell	1	o	o	o	o	o	o	o	o	o
4	1	boolean	rptIncludeAllClassesFlag	No info blank cell	“true” or “false”	1	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	String	rptClassId	10	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	4	NV	newSeriesClass	No info blank cell	No info blank cell	Unlimited	o	o	o	o	o	o	o	o	o
4	1	String	seriesName	150	No info blank cell	1	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	2	boolean	useCompNameAsSeriesNameFlag	No info blank cell	“true” or “false”	1	o	o	o	o	o	o	o	o	o
4	3	String	className	150	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#
4	4	boolean	useSeriesNameAsClassNameFlag	No info blank cell	“true” or “false”	1	o	o	o	o	o	o	o	o	o
3	5	NV	newClass2	No info blank cell	No info blank cell	Unlimited	o	o	o	o	o	o	o	o	o
4	1	String	seriesId	10	No info blank cell	1	o	o	o	o	o	o	o	o	o
4	2	String	className	150	No info blank cell	Unlimited	m#	m#	m#	m#	m#	m#	m#	m#	m#
3	6	NV	newClass	No info blank cell	No info blank cell	1	o	o	o	o	o	o	o	o	o
4	1	String	className	150	No info blank cell	Unlimited	o	o	o	o	o	o	o	o	o
4	2	boolean	useCompNameAsClassNameFlag	No info blank cell	“true” or “false”	1	o	o	o	o	o	o	o	o	o

4. DATA VALUE CONSTRAINTS

4.1 ACCELERATED_STATUS_TYPE

These are the valid values for a < ACCELERATED_STATUS_TYPE > element in the primary document:

VALUE
Non-Accelerated Filer
Accelerated Filer
Large Accelerated Filer
Not Applicable

4.2 ACT_TYPE

These are the valid values for the < ACT_TYPE > element in the submission document and the <documentType> element in the primary document:

VALUE
33
40
33 40
34

Note: For certain filings by investment companies, the tag identifies Act or Acts when the form type may be filed under more than one Act. The delaying amendment is not appropriate for, and will not be displayed for, a 40 Act only filing.

4.3 DOCUMENT_TYPE

This list, which is actually a combination of two sets of values, defines the valid entries for a <edgarDocument.documentType> element in the submission file.

The <documentType> of the primary document must match the submission type.

The <documentType> for non-primary attached documents is one of the following values:

Value for Non-Primary Attached Document	Value for Non-Primary Attached Document	Value for Non-Primary Attached Document
CORRESP	EX-99.2A CHARTER	EX-99.8 O&D BENEFITS
COVER	EX-99.2B BYLAWS	EX-99.9 CUST CONTRCT
EU-1	EX-99.2C VOTING TRST	EX-99.906 CERT
EX-1	EX-99.2D HOLDERS RTS	EX-99.a BD-DIR-RESOL
EX-10	EX-99.2E DIV REIN PL	EX-99.a CHARTER
EX-100.CAL	EX-99.2F SUBSID DEBT	EX-99.A1 INDNTR ORGN

Value for Non-Primary Attached Document	Value for Non-Primary Attached Document	Value for Non-Primary Attached Document
EX-100.DEF	EX-99.2 OPIN COUNSEL	EX-99.77Q2 ITEM 405
EX-100.INS	EX-99.2G ADVSR CONTR	EX-99.A10 PERIODC PP
EX-100.LAB	EX-99.2H DISTR CONTR	EX-99.A11 CODE ETH
EX-100.PRE	EX-99.1 CHARTER	EX-99.A2 INDNTR PMT
EX-100.REF	EX-99.10 12B1 PLAN	EX-99.A3A DIST CONTR
EX-100.SCH	EX-99.11 OPIN COUNSL	EX-99.A3B DEALER AGR
EX-101.CAL	EX-99.12 REV RULING	EX-99.A3C SCH COMMIS
EX-101.DEF	EX-99.12 TAX OPINION	EX-99.A4 OTHER AGRMT
EX-101.INS	EX-99.13 OTH CONTRCT	EX-99.A5 FORM/SECRTY
EX-101.LAB	EX-99.14 OTH CONSENT	EX-99.A6 CERT/BYLAWS
EX-101.PRE	EX-99.15 OTH FIN ST	EX-99.A7 INSR POLICY
EX-101.REF	EX-99.16 PWR OF ATTY	EX-99.A8 DEPOSIT AGR
EX-101.SCH	EX-99.17 (as approp)	EX-99.A9 OTHER CONTR
EX-11	EX-99.2 BYLAWS	EX-99.b BYLAWS
EX-12	EX-99.2 OPIN COUNSEL	EX-99.b CUST-AGRMETS
EX-13	EX-99.2A CHARTER	EX-99.B1 NOTIC/SHLDR
EX-14	EX-99.2B BYLAWS	EX-99.B2 ANRPT/SHLDR
EX-15	EX-99.2C VOTING TRST	EX-99.c HOLDERS RTS
EX-16	EX-99.2D HOLDERS RTS	EX-99.c UNDER CONTRT
EX-17	EX-99.2E DIV REIN PL	EX-99.C1 ACCT CONSNT
EX-18	EX-99.2F SUBSID DEBT	EX-99.C2 EVAL CONSNT
EX-19	EX-99.2G ADVSR CONTR	EX-99.C3 RTG AGY OPN
EX-2	EX-99.2H DISTR CONTR	EX-99.C4 TAX OPINION
EX-20	EX-99.2I O&D BENEFTS	EX-99.C5 REV RULING
EX-21	EX-99.2J CUST CONTR	EX-99.C6 OTHER OPIN
EX-22	EX-99.2K OTH CONTRCT	EX-99.CERT
EX-23	EX-99.2L OPIN COUNSL	EX-99.CODE ETH
EX-24	EX-99.2M CNSNT SRVCE	EX-99.d ADVSR CONTR
EX-25	EX-99.2N OTH CONSENT	EX-99.d CONTRACTS
EX-25/A	EX-99.2O OTH FIN ST	EX-99.e APPLICATIONS
EX-26	EX-99.2P STOCK LTR	EX-99.e UNDR CONTR
EX-3	EX-99.2Q RETRMT PLAN	EX-99.f BONUS PROFIT
EX-31	EX-99.2R CODE ETH	EX-99.f DEP CERT/BYL
EX-32	EX-99.3 OTHER FIN ST	EX-99.g CUST AGREEMT
EX-33	EX-99.3 VOTING TRUST	EX-99.g REINS CONTRT
EX-34	EX-99.4 ACQ AGREEMNT	EX-99.h OTH MAT CONT
EX-35	EX-99.4 UNREG ISSUER	EX-99.h PARTIC AGREE
EX-4	EX-99.5 HOLDERS RTS	EX-99.i ADMIN CONTRT

Value for Non-Primary Attached Document	Value for Non-Primary Attached Document	Value for Non-Primary Attached Document
EX-5	EX-99.6 ADVSER CONTR	EX-99.i LEGAL OPININ
EX-7	EX-99.7 DISTR CONTR	EX-99.j OTH MAT CONT
EX-8	EX-99.77B ACCT LTTR	EX-99.j OTHER OPININ
EX-9	EX-99.77C VOTES	EX-99.k LEGAL OPININ
EX-95	EX-99.77D POLICIES	EX-99.k OMT FIN STAT
EX-99	EX-99.77E LEGAL	EX-99.l ACTUARIAL OP
EX-99.1 CHARTER	EX-99.77F CHNG DEBT	EX-99.l INT CAP AGRE
EX-99.10 12B1 PLAN	EX-99.77G DEFAULTS	EX-99.m 12B-1 PLAN
EX-99.11 OPIN COUNSL	EX-99.77H CHNG CNTRL	EX-99.m CALCULATION
EX-99.12 REV RULING	EX-99.77I NEW SECUR	EX-99.n 18F-3 PLAN
EX-99.12 TAX OPINION	EX-99.77J REVALUATN	EX-99.n OTH OPINIONS
EX-99.13 OTH CONTRCT	EX-99.77K CHNG ACCNT	EX-99.o OMITD FIN ST
EX-99.14 OTH CONSENT	EX-99.77L NEW ACCTNG	EX-99.p CODE ETH
EX-99.15 OTH FIN ST	EX-99.77M MERGERS	EX-99.p INIT CAP AGR
EX-99.16 PWR OF ATTY	EX-99.77N RULE 2A-7	EX-99.q REDEEM EXEMP
EX-99.17 (as approp)	EX-99.77O RULE 10F-3	EX-99.Rule23C1
EX-99.2 BYLAWS	EX-99.77P EXMPT INFO	GRAPHIC
	EX-99.77Q1 OTHR EXHB	

The <documentType> of a supporting document must be one of these values:

VALUE
CORRESP
COVER
EX-24
EX-99
GRAPHIC

You can actually append optional text to these DocType values. This optional text must begin with a period. The overall length of the DocType value cannot exceed 20 characters. Some examples of a valid DocType are:

COVER.i_wrote_this
COVER.1
EX-99.myExhibit

4.4 INV_COMPANY_TYPE

These are the valid values for a < INV_COMPANY_TYPE > element in the submission file:

VALUE
N-1A

VALUE
N-1
N-2
N-3
N-4
N-5
N-6
S-1 or S-3
S-6

4.5 MERGE_INV_COMPANY_TYPE

These are the valid values for a <MERGE_INV_COMPANY_TYPE> element in the submission file:

VALUE
N-1A
N-1
N-2
N-3
N-4
N-5
N-6
S-1 or S-3
S-6
Not an Investment Company

4.6 LIVE_TEST_TYPE

These are the valid values for the <LIVE_TEST_TYPE> element in the submission file:

VALUE
LIVE
TEST

4.7 MODULE_OR_SEGMENT_FLAG

These are the valid values for a <MODULE_OR_SEGMENT_FLAG> element in the primary document:

VALUE	MEANING
M	Module
S	Segment

4.8 RPT_OWNER_RELATIONSHIP_TYPE

These are the valid values for a < RPT_OWNER_RELATIONSHIP_TYPE > element in the primary document:

VALUE
DIRECTOR
OFFICER
OWNER
OTHER

4.9 SRO_TYPE

These are the valid values for a < SRO_TYPE > element in the primary document:

VALUE	VALUE
NONE	ISE
AMEX	NSX
ARCA	NYSE
BSE	PCX
CBOE	NASD
CHX	PHLX
FINRA	

4.10 ITEM_TYPE

These are the valid values for a < ITEM_TYPE > element in the primary document:

VALUE	VALUE
1.01	5.02
1.02	5.03
1.03	5.04
1.04	5.05
2.01	5.06
2.02	5.07
2.03	5.08
2.04	6.01
2.05	6.02
2.06	6.03
3.01	6.04

VALUE	VALUE
3.02	6.05
3.03	6.10
4.01	7.01
4.02	8.01
5.01	9.01

4.11 ITEM_SUBMISSION_TYPE

These are the valid values for a < ITEM_SUBMISSION_TYPE > element in the primary document:

VALUE
425
DEFA14A
DFAN14A
SC TO-C

4.12 COMBO_FORM_TYPE

These are the valid values for a < COMBO_FORM_TYPE > element in the primary document:

VALUE
S-1
S-1/A
S-3
S-3/A
S-1MEF
S-3MEF

4.13 SUB_DOCUMENT_TYPE

These codes are a combination of all the submission types listed in section 1.1 and the document types listed in section 4.4.

4.14 PAYMENT_METHOD_TYPE

These are the valid values for a < PAYMENT_METHOD_TYPE > element in the primary document:

VALUE
LOCKBOX
FEDWIRE

4.15 PAYMENT_TYPE

These are the valid values for a < PAYMENT_TYPE > element in the primary document:

VALUE
Pay In Advance
Pay As You Go

4.16 SECURITY_TYPE

These are the valid values for a < SECURITY_TYPE > element in the primary document:

VALUE
Debt
Non-Convertible Debt
Debt Convertible into Equity
Equity
Asset-Backed Securities
Mortgage Backed Securities
Limited Partnership Interests
Unallocated (Universal) Shelf
ADRs/ADSS
Face Amount Certificates
Other

4.17 stateOrCountryCode

EDGAR recognizes 309 two-character designators for the <stateOrCountryCode> element in the primary document. These are provided in Appendix A. These codes are actually a combination of values for the 50 US states, the Canadian Provinces, and other countries and territories.

4.18 COMBO_SUBMISSION_TYPE

These are the valid values for a < COMBO_SUBMISSION_TYPE > element in the primary document:

VALUE
SC 13E3
SC 13E3/A
SC TO-I
SC TO-I/A
SC TO-T
SC TO-T/A
SC 13D/A

4.19 COMBO_SUBMISSION_TYPE_1

These are the valid values for a < COMBO_SUBMISSION_TYPE_1 > element in the primary document:

VALUE
SC TO-I
SC TO-I/A
SC TO-T
SC TO-T/A
SC 13D/A

4.20 ASSET_CLASS_TYPE

These are the valid values for a < ASSET_CLASS_TYPE> element in the primary document:

VALUE
Residential mortgages - Prime
Residential mortgages – Non-Prime
Residential mortgages – HELOC
Residential mortgages – Reverse Mortgages
Residential mortgages – Manufactured Housing
Residential mortgages – Other/Combined
Commercial mortgages
Auto loans
Auto leases
Equipment loans
Equipment leases
Student loans
Floorplan financings

VALUE
Corporate Debt
Resecuritization
Credit card
Other

4.21 RULE15GA1_ITEM_TYPE

These are the valid values for a < RULE15GA1_ITEM_TYPE > element in the primary document:

VALUE
1.01
1.02
1.03

4.22 RULE15GA2_ITEM_TYPE

These are the valid values for a < RULE15GA2_ITEM_TYPE > element in the primary document:

VALUE
2.01
2.02

4.23 ABS15_SUBMISSION_TYPES

These are the valid values for a < ABS_15G_SUBMISSION_TYPES > element in the primary document:

VALUE
ABS_15G
ABS_15G/A

5. BASIC SUBMISSION CONSTRUCTION

5.1 General Formatting of XML Files

These rules apply to both the submission file and the primary document of an XML-format ELO submission:

1. The filename must end with an “.xml” extension.
2. The file cannot be compressed.
3. We strongly recommend you format the submission and document files as shown in the provided sample files. This makes the raw XML files easier to view in a text editor. The submission of ASCII XML files with no line breaks, while legal XML, is strongly discouraged. XML filings are required to be posted on public websites. While usually formatted via style sheets, the raw XML is frequently available for inspection and should be readable by a person. The SEC will not be reformatting XML files for readability. A single line XML file is not viewer-friendly and should be avoided.
4. The `<?xml version=“1.0”?>` declaration line is optional; however, if it is included it must be the first line in the file. Any text before this line, even white space, will cause a SUSPENSE error. The version value must be “1.0.” Any other value for version will cause a SUSPENSE error.
5. For an XML element with a data value, keep the begin tag, data value, and end tag on the same line of text. Otherwise, you could get a schema violation error. As an example, for a Reporting Owner CIK value which cannot be longer than 10 characters, this specification is correct:

```
<rptOwnerCik>1212121212</rptOwnerCik>
```

6. The specification below will result in a parsing error because the extraneous white space and line feeds will be counted as part of the length of the data value. In other words, the CIK value will be regarded as longer than 10 characters.

```
<rptOwnerCik>  
1212121212  
</rptOwnerCik>
```

5.2 XML Submission File Rules

These rules are specific to the submission file:

1. The submission file must contain a single “primary” XML document.
2. The submission file may also contain additional supporting documents.
3. The order of any `<notificationEmailAddress>` elements does not matter.
4. EDGAR will generate a WARNING for any duplicate values in the single `<pointOfContact><contactEmailAddress>` and the `<notificationEmailAddress>` elements.

5. The order of the <edgarDocument> specifications does not matter. The primary XML document does not have to be specified in the first <edgarDocument> block.
6. The names of attached document files must follow the EDGAR file naming convention:
 - File names cannot exceed 32 characters, including the file extension.
 - Valid characters are lowercase letters, digits 0-9, up to one underscore, up to one hyphen, and up to one period.
 - First character must be a letter.
 - Spaces are not allowed.
 - File name must have a file type extension.
 - File extension of the primary document must be .xml.
 - File extension of all other documents must be .pdf, .txt, .htm, .jpg, or .gif.
7. The submission file must conform to the edgarSubmission.xsd XML schema file. Any violation of this schema will result in the suspension of the filing.

5.2.1 Enclosing a Document

The XML for an enclosed document looks like this:

```
<edgarDocument>
  <documentName>cover01.txt</documentName>
  <documentType>COVER</documentType>
  <documentDescription>Cover Document</documentDescription>
  <documentMimeBlock>
    PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PSAgIGNvdmVyIGxldHRl
    ciAgID09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT0NCg0KVghpcyBp
    cyBhIHByaXZhdGUgY292ZXIgbGV0dGVyIHRoYXQgZG9lcYBub3QgY29udGFp
    biBhbnkgm#VkbGluZQ0KdGFncy4gVGhpcyBpcyBzdHJpY3RseSBhIHRlc3Qu
    DQoNCj09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09
    PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09DQo=
  </documentMimeBlock>
</edgarDocument>
```

The <documentDescription> is optional, but all other elements must be present and must have a value.

The <documentMimeBlock> element must contain a MIME encoded document. You can use any standard 64-character set based MIME encoding algorithm to create a MIME document.

You may enclose no more than 612 documents (one primary plus 611 supporting documents).

5.2.1.1 Primary Document

1. The single primary document file must end with an .xml extension.

2. The document type must match the submission type.
3. The file must conform to the EDGARLink Online XML Technical Specification. Any violation of this schema will result in the suspension of the filing.

5.2.1.2 Supporting Documents

1. Allowable file extensions are .pdf, .txt, .htm, .jpg, and .gif.
2. The allowable document types are shown in the DocTypeList table in Section 4.3.
3. The document count limits by type are:

Document Type	Maximum Allowed
CORRESP	100
COVER	10
EXHIBIT (EX-24 or EX-99) plus GRAPHIC	500

5.3 XML Primary Document Rules

The primary document must conform to the EDGARLink Online XML Technical Specification XML schema file. Any violation of this schema will result in the suspension of the filing.

Sections 3.4.1.1 through 3.4.20.3 provide a detailed summary of the XML elements that apply to each submission type. The following sections reinforce and supplement the contents of this table.

The <schemaVersion> element should not be included. If you do provide a value for this element, EDGAR will generate a WARNING and discard the value. Additionally, if the value you provide does not match the current version of the schema file being used by EDGAR, then EDGAR will generate a second WARNING. EDGAR will insert the correct value for this element into the “document of record” that gets disseminated.

The <documentType> element must have the same value as provided in the <submissionType> element of the submission file.

5.3.1 Specifying Issuer

You must provide a CIK and Trading Symbol. The CIK does not have to be conformed with leading zeroes.

Do not provide an Issuer Name. EDGAR will insert the Issuer Name associated with the provided CIK into the “document of record” that is disseminated. If you do include a value for the <issuerName> element, EDGAR will issue a WARNING and discard the provided value.

6. ERROR REPORTING

EDGAR will generate an error for each violation of an XML schema constraint, as well as for each violation of an ELO filing business rule. The schema files do not enforce all error checks, so it is possible to construct a submission that meets all the schema constraints yet is still SUSPENDED.

This table summarizes the errors that can result from violations of schema constraints and EDGAR business rules. This is not an all-inclusive list.

Error Condition	Severity
Elements not in sequence prescribed in Sections 3.4.1.1 through 3.4.20.3	SUSPENDED
Inclusion of XML-stylesheet reference or any other Processing Instruction	SUSPENDED
Inclusion of an element not prescribed in the schema	SUSPENDED
String value exceeds maximum length constraint	SUSPENDED
Element constrained by a Choice List has an invalid value	SUSPENDED
Mandatory element has no value or an invalid value	SUSPENDED
Special character (&, <, >) not provided as escape sequence	SUSPENDED
Date, Boolean, or Decimal element does not have a value	SUSPENDED
Duplicate Reporting Owner CIK	SUSPENDED
Duplicate Notification Address	WARNING
Invalid footnote ID (must be "F" followed by number from 1 to 99)	SUSPENDED
Inclusion of a footnote that is never referenced	SUSPENDED
Duplicate footnote ID	SUSPENDED
Multiple references to the same footnote from within a single element	SUSPENDED
"NA" or blank field has a value	WARNING
Invalid Issuer CIK	SUSPENDED
Invalid Reporting Owner CIK and/or CCC	SUSPENDED
Improperly formatted email address	SUSPENDED
Exceeding a "Max Occur" limit from Sections 3.4.1.1 through 3.4.20.3 (e.g., more than 10 Reporting Owners or more than 30 Derivative Securities)	SUSPENDED
Invalid content in an enclosed ASCII document. Refer to the EDGAR Filer Manual for details.	SUSPENDED or WARNING
Invalid content in an enclosed HTML document. Refer to the EDGAR Filer Manual for details.	SUSPENDED or WARNING
Invalid content in an enclosed PDF document. Refer to the EDGAR Filer Manual for details	SUSPENDED or WARNING
Enclosed graphic document that is not referenced by an HTML document	SUSPENDED
Any XML schema violation not mentioned in previous table row	SUSPENDED

You may sometimes get multiple error messages reporting the same error. The XML parser EDGAR used to process an ELO submission generates messages that are rather technical in nature and require an understanding of the XML schema language. Whenever possible, EDGAR also generates a more "friendly" error message to give a precise description of the error.

7. EXAMPLE ELO SUBMISSION FILES

Table 7-1. Sample Submission Files provides a list of sample submission files.

Table 7-1: Sample Submission Files

Submission Type	Submission Family	Submission File
ANNLRPT	Single Filer Submission	Sample_ANNLRPT.xml
497K	Single Filer Series and Class Submission	Sample_497K.xml
24F2NT	Single Filer Series and Class Fee Submission	Sample_24F-2NT.xml
10-12B	CoReg Submission	Sample_10-12B.xml
F1	CoReg Fee Submission	Sample_F-1.xml
424B1	CoReg Serial Submission	Sample_424B1.xml
40-17F1	Subject Submission	Sample_40-17F1.xml
DEFC14A	Subject Series and Class Submission	Sample_DEFC14A.xml
SC 13E1	Subject Fee Submission	Sample_SC_13E1.xml
FWP	Subject Group Submission	Sample_FWP.xml
425	Subject Group Series and Class Submission	Sample_425.xml
SC 13E1	Subject Group Fee Submission	Sample_SC_13E3.xml
144	Ownership Submission	Sample_144.xml
N/A	Modules and Segments Submission	Sample_MODULE.xml Sample_SEGMENT.xml
CORRESP	Correspondence Submission	Sample_CORRESP.xml
N/A	Bulk Submission	Sample_BulkSubmission.xml
SC 14N	Subject CoReg Submission	Sample_SC_14N.xml
ABS 15G	Assest Backed Securities Report	Sample_ABS-15G
N-1A	CoReg Series Class	Sample_N1A.xml

APPENDIX A. STATE AND COUNTRY CODES

These are the valid designators for the <stateOrCountryCode> element in the primary document. These codes are actually a combination of values for the 50 U.S. states, the Canadian Provinces, and other countries and territories.

Code	State or Country Name
AL	ALABAMA
AK	ALASKA
AZ	ARIZONA
AR	ARKANSAS
CA	CALIFORNIA
CO	COLORADO
CT	CONNECTICUT
DE	DELAWARE
DC	DISTRICT OF COLUMBIA
FL	FLORIDA
GA	GEORGIA
HI	HAWAII
ID	IDAHO
IL	ILLINOIS
IN	INDIANA
IA	IOWA
KS	KANSAS
KY	KENTUCKY
LA	LOUISIANA
ME	MAINE
MD	MARYLAND
MA	MASSACHUSETTS
MI	MICHIGAN
MN	MINNESOTA
MS	MISSISSIPPI
MO	MISSOURI
MT	MONTANA
NE	NEBRASKA
NV	NEVADA
NH	NEW HAMPSHIRE
NJ	NEW JERSEY
NM	NEW MEXICO
NY	NEW YORK
NC	NORTH CAROLINA
ND	NORTH DAKOTA
OH	OHIO
OK	OKLAHOMA
OR	OREGON
PA	PENNSYLVANIA

Code	State or Country Name
RI	RHODE ISLAND
SC	SOUTH CAROLINA
SD	SOUTH DAKOTA
TN	TENNESSEE
TX	TEXAS
X1	UNITED STATES
UT	UTAH
VT	VERMONT
VA	VIRGINIA
WA	WASHINGTON
WV	WEST VIRGINIA
WI	WISCONSIN
WY	WYOMING
A0	ALBERTA, CANADA
A1	BRITISH COLUMBIA, CANADA
Z4	CANADA (FEDERAL LEVEL)
A2	MANITOBA, CANADA
A3	NEW BRUNSWICK, CANADA
A4	NEWFOUNDLAND, CANADA
A5	NOVA SCOTIA, CANADA
A6	ONTARIO, CANADA
A7	PRINCE EDWARD ISLAND, CANADA
A8	QUEBEC, CANADA
A9	SASKATCHEWAN, CANADA
B0	YUKON, CANADA
B2	AFGHANISTAN
Y6	ALAND ISLANDS
B3	ALBANIA
B4	ALGERIA
B5	AMERICAN SAMOA
B6	ANDORRA
B7	ANGOLA
1A	ANGUILLA
B8	ANTARCTICA
B9	ANTIGUA AND BARBUDA
C1	ARGENTINA
1B	ARMENIA
1C	ARUBA
C3	AUSTRALIA
C4	AUSTRIA
1D	AZERBAIJAN
C5	BAHAMAS
C6	BAHRAIN
C7	BANGLADESH

Code	State or Country Name
C8	BARBADOS
1F	BELARUS
C9	BELGIUM
D1	BELIZE
G6	BENIN
D0	BERMUDA
D2	BHUTAN
D3	BOLIVIA
1E	BOSNIA AND HERZEGOVINA
B1	BOTSWANA
D4	BOUVET ISLAND
D5	BRAZIL
D6	BRITISH INDIAN OCEAN TERRITORY
D9	BRUNEI DARUSSALAM
E0	BULGARIA
X2	BURKINA FASO
E2	BURUNDI
E3	CAMBODIA
E4	CAMEROON
E8	CAPE VERDE
E9	CAYMAN ISLANDS
F0	CENTRAL AFRICAN REPUBLIC
F2	CHAD
F3	CHILE
F4	CHINA
F6	CHRISTMAS ISLAND
F7	COCOS (KEELING) ISLANDS
F8	COLOMBIA
F9	COMOROS
G0	CONGO
Y3	CONGO, THE DEMOCRATIC REPUBLIC OF THE
G1	COOK ISLANDS
G2	COSTA RICA
L7	COTE D'IVOIRE
1M	CROATIA
G3	CUBA
G4	CYPRUS
2N	CZECH REPUBLIC
G7	DENMARK
1G	DJIBOUTI
G9	DOMINICA
G8	DOMINICAN REPUBLIC
H1	ECUADOR
H2	EGYPT

Code	State or Country Name
H3	EL SALVADOR
H4	EQUATORIAL GUINEA
1J	ERITREA
1H	ESTONIA
H5	ETHIOPIA
H7	FALKLAND ISLANDS (MALVINAS)
H6	FAROE ISLANDS
H8	FIJI
H9	FINLAND
I0	FRANCE
I3	FRENCH GUIANA
I4	FRENCH POLYNESIA
2C	FRENCH SOUTHERN TERRITORIES
I5	GABON
I6	GAMBIA
2Q	GEORGIA
2M	GERMANY
J0	GHANA
J1	GIBRALTAR
J3	GREECE
J4	GREENLAND
J5	GRENADA
J6	GUADELOUPE
GU	GUAM
J8	GUATEMALA
Y7	GUERNSEY
J9	GUINEA
S0	GUINEA-BISSAU
K0	GUYANA
K1	HAITI
K4	HEARD ISLAND AND MCDONALD ISLANDS
X4	HOLY SEE (VATICAN CITY STATE)
K2	HONDURAS
K3	HONG KONG
K5	HUNGARY
K6	ICELAND
K7	INDIA
K8	INDONESIA
K9	IRAN, ISLAMIC REPUBLIC OF
L0	IRAQ
L2	IRELAND
Y8	ISLE OF MAN
L3	ISRAEL
L6	ITALY

Code	State or Country Name
L8	JAMAICA
M0	JAPAN
Y9	JERSEY
M2	JORDAN
1P	KAZAKSTAN
M3	KENYA
J2	KIRIBATI
M4	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF
M5	KOREA, REPUBLIC OF
M6	KUWAIT
1N	KYRGYZSTAN
M7	LAO PEOPLE'S DEMOCRATIC REPUBLIC
1R	LATVIA
M8	LEBANON
M9	LESOTHO
N0	LIBERIA
N1	LIBYAN ARAB JAMAHIRIYA
N2	LIECHTENSTEIN
1Q	LITHUANIA
N4	LUXEMBOURG
N5	MACAU
1U	MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF
N6	MADAGASCAR
N7	MALAWI
N8	MALAYSIA
N9	MALDIVES
O0	MALI
O1	MALTA
1T	MARSHALL ISLANDS
O2	MARTINIQUE
O3	MAURITANIA
O4	MAURITIUS
2P	MAYOTTE
O5	MEXICO
1K	MICRONESIA, FEDERATED STATES OF
1S	MOLDOVA, REPUBLIC OF
O9	MONACO
P0	MONGOLIA
Z5	MONTENEGRO
P1	MONTSERRAT
P2	MOROCCO
P3	MOZAMBIQUE
E1	MYANMAR
T6	NAMIBIA

Code	State or Country Name
P5	NAURU
P6	NEPAL
P7	NETHERLANDS
P8	NETHERLANDS ANTILLES
1W	NEW CALEDONIA
Q2	NEW ZEALAND
Q3	NICARAGUA
Q4	NIGER
Q5	NIGERIA
Q6	NIUE
Q7	NORFOLK ISLAND
1V	NORTHERN MARIANA ISLANDS
Q8	NORWAY
P4	OMAN
R0	PAKISTAN
1Y	PALAU
1X	PALESTINIAN TERRITORY, OCCUPIED
R1	PANAMA
R2	PAPUA NEW GUINEA
R4	PARAGUAY
R5	PERU
R6	PHILIPPINES
R8	PITCAIRN
R9	POLAND
S1	PORTUGAL
PR	PUERTO RICO
S3	QATAR
S4	REUNION
S5	ROMANIA
1Z	RUSSIAN FEDERATION
S6	RWANDA
Z0	SAINT BARTHELEMY
U8	SAINT HELENA
U7	SAINT KITTS AND NEVIS
U9	SAINT LUCIA
Z1	SAINT MARTIN
V0	SAINT PIERRE AND MIQUELON
V1	SAINT VINCENT AND THE GRENADINES
Y0	SAMOA
S8	SAN MARINO
S9	SAO TOME AND PRINCIPE
T0	SAUDI ARABIA
T1	SENEGAL
Z2	SERBIA

Code	State or Country Name
T2	SEYCHELLES
T8	SIERRA LEONE
U0	SINGAPORE
2B	SLOVAKIA
2A	SLOVENIA
D7	SOLOMON ISLANDS
U1	SOMALIA
T3	SOUTH AFRICA
1L	SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS
U3	SPAIN
F1	SRI LANKA
V2	SUDAN
V3	SURINAME
L9	SVALBARD AND JAN MAYEN
V6	SWAZILAND
V7	SWEDEN
V8	SWITZERLAND
V9	SYRIAN ARAB REPUBLIC
F5	TAIWAN, PROVINCE OF CHINA
2D	TAJIKISTAN
W0	TANZANIA, UNITED REPUBLIC OF
W1	THAILAND
Z3	TIMOR-LESTE
W2	TOGO
W3	TOKELAU
W4	TONGA
W5	TRINIDAD AND TOBAGO
W6	TUNISIA
W8	TURKEY
2E	TURKMENISTAN
W7	TURKS AND CAICOS ISLANDS
2G	TUVALU
W9	UGANDA
2H	UKRAINE
C0	UNITED ARAB EMIRATES
X0	UNITED KINGDOM
2J	UNITED STATES MINOR OUTLYING ISLANDS
X3	URUGUAY
2K	UZBEKISTAN
2L	VANUATU
X5	VENEZUELA
Q1	VIET NAM
D8	VIRGIN ISLANDS, BRITISH
VI	VIRGIN ISLANDS, U.S.

Code	State or Country Name
X8	WALLIS AND FUTUNA
U5	WESTERN SAHARA
T7	YEMEN
Y4	ZAMBIA
Y5	ZIMBABWE
XX	UNKNOWN

APPENDIX B. ACRONYMS

ASCII	American Standard Code for Information Interchange
CCC	CIK Confirmation Code
CIK	Central Index Key
EDGAR	Electronic Data Gathering, Analysis, and Retrieval
ELO	EDGARLink Online
PDF	Portable Document Format
SEC	Securities and Exchange Commission
XML	Extensible Markup Language