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EDGARLink Online XML Technical Specification

Version 2.1

~~December 2010~~ March 2011

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DRAFT DISCLAIMER:

This draft EDGARLink Online XML Technical Specification, posted before Commission approval of potential regulatory changes in this release, is provided as a service to our filing community to assist filers, agents, and software developers in their preparation of responses to potential changes the staff anticipates. Since this is a draft technical specification, the SEC retains the right to change any part of the technical specification before the new system release is made final. In addition, the final EDGARLink Online XML Technical Specification is subject to Commission approval and may be revised before approval or not approved at all. Similarly, the posting of the draft technical specification does not indicate Commission approval of any pending proposed changes relating to the potential changes reflected in the draft technical specification. The changes outlined in this draft technical specification, if approved, are scheduled to take effect on March 28, 2011. The final version of the technical specification will be made available if approved by the Commission on or about March 28, 2011, on the SEC's Public Website.

TABLE OF CONTENTS

| | |
|---|------------|
| 1. INTRODUCTION | 1-1 |
| 1.1 Purpose | 1-1 |
| 1.2 Summary of Changes | 1-10 |
| 2. EDGAR SCHEMA FILES | 2-1 |
| 2.1 Key Schema Indicators..... | 2-2 |
| 3. XML SCHEMAS..... | 3-1 |
| 3.1 Schema Table Column Definitions | 3-1 |
| 3.2 Data Type Constraints | 3-1 |
| 3.3 Applicability of Schema Elements | 3-3 |
| 3.4 Mapping of ELO Submission Schemas to Submission Types | 3-4 |
| 3.4.1 Mapping of ELO Single Filer Submission Schemas to Submission Types | 3-4 |
| 3.4.2 Mapping of ELO Single Filer SC Submission Schemas to Submission Types | 3-5 |
| 3.4.3 Mapping of ELO Single Filer SC Fee Submission Schemas to Submission Types ... | 3-7 |
| 3.4.4 Mapping of ELO CoReg Submission Schemas to Submission Types..... | 3-10 |
| 3.4.5.1 Mapping of ELO CoReg Fee Submission Schemas to Submission Type | 3-13 |
| 3.4.5.2 Mapping of ELO CoReg Fee Submission Schemas to Submission Types..... | 3-16 |
| 3.4.5.3 Mapping of ELO CoReg Fee Submission Schemas to Submission Types..... | 3-19 |
| 3.4.5.4 Mapping of ELO CoReg Fee Submission Schemas to Submission Types..... | 3-22 |
| 3.4.6 Mapping of ELO CoReg SC Fee Submission Schemas to Submission Types | 3-24 |
| 3.4.7 Mapping of ELO CoReg Serial Submission Schemas to Submission Types | 3-29 |
| 3.4.8 Mapping of ELO Subject Submission Schemas to Submission Types..... | 3-32 |
| 3.4.9 Mapping of ELO Subject SC Submission Schemas to Submission Types..... | 3-34 |
| 3.4.10 Mapping of ELO Subject Fee Submission Schemas to Submission Types | 3-36 |
| 3.4.11 Mapping of ELO Subject Group Submission Schemas to Submission Types..... | 3-38 |
| 3.4.12 Mapping of ELO Subject Group SC Submission Schemas to Submission Types.... | 3-41 |
| 3.4.13 Mapping of ELO Subject Group Fee Submission Schemas to Submission Types... | 3-44 |
| 3.4.14 Mapping of ELO Correspondence Submission Schemas to Submission Types..... | 3-46 |
| 3.4.15 Mapping of ELO Bulk Submission Schemas to Submission Types | 3-48 |
| 3.4.16 Mapping of Ownership Submission Schemas to Submission Types | 3-49 |
| 3.4.17 Mapping of Modules and Segments Submission Schemas to Submission Types.... | 3-50 |
| 3.4.18 Mapping of Single Filer Subject Submission Schemas to Submission Types | 3-51 |
| 3.4.19 Mapping of Subject CoReg Submission Schemas to Submission Types | 3-53 |
| 4. Data Value Constraints..... | 4-1 |
| 4.1 ACCELERATED_STATUS_TYPE | 4-1 |
| 4.2 ACT_TYPE | 4-1 |

| | | |
|--------------------|---|------------|
| 4.3 | DOCUMENT_TYPE | 4-1 |
| 4.4 | INV_COMPANY_TYPE | 4-3 |
| 4.5 | MERGE_INV_COMPANY_TYPE | 4-4 |
| 4.6 | LIVE_TEST_TYPE | 4-4 |
| 4.7 | MODULE_OR_SEGMENT_FLAG | 4-4 |
| 4.8 | RPT_OWNER_RELATIONSHIP_TYPE | 4-5 |
| 4.9 | SRO_TYPE | 4-5 |
| 4.10 | ITEM_TYPE | 4-5 |
| 4.11 | ITEM_SUBMISSION_TYPE | 4-6 |
| 4.12 | COMBO_FORM_TYPE | 4-6 |
| 4.13 | SUB_DOCUMENT_TYPE | 4-6 |
| 4.14 | PAYMENT_METHOD_TYPE | 4-6 |
| 4.15 | PAYMENT_TYPE | 4-7 |
| 4.16 | SECURITY_TYPE | 4-7 |
| 4.17 | stateOrCountryCode | 4-7 |
| 4.18 | COMBO_SUBMISSION_TYPE | 4-8 |
| 4.19 | ASSET_CLASS_TYPE | 4-8 |
| 4.20 | RULE15GA1_ITEM_TYPE | 4-8 |
| 4.21 | RULE15GA2_ITEM_TYPE | 4-9 |
| 4.22 | ABS15_SUBMISSION_TYPES | 4-9 |
| 5. | BASIC SUBMISSION CONSTRUCTION | 5-1 |
| 5.1 | General Formatting of XML Files | 5-1 |
| 5.2 | XML Submission File Rules | 5-1 |
| 5.2.1 | Enclosing a Document | 5-2 |
| 5.3 | XML Primary Document Rules | 5-3 |
| 5.3.1 | Specifying Issuer | 5-3 |
| 6. | ERROR REPORTING | 6-1 |
| 7. | EXAMPLE ELO SUBMISSION FILES | 7-1 |
| Appendix A. | STATE AND COUNTRY CODES | A-1 |
| Appendix B. | EDGAR FILINGS COMMON XML ELEMENTS | B-1 |
| Appendix C. | EDGAR SERIES AND CLASS COMMON XML ELEMENTS | C-1 |

| | |
|--|------------|
| Appendix D. EDGAR FEE BEARING FILINGS COMMON XML ELEMENTS | D-1 |
| Appendix E. ACRONYMS | E-1 |

List of Tables

| | |
|---|-----|
| Table 1-1: Single Filer | 1-1 |
| Table 1-2: Single Filer SC | 1-2 |
| Table 1-3: Single Filer SC Fee..... | 1-2 |
| Table 1-4: CoReg..... | 1-2 |
| Table 1-5: CoReg Fee | 1-3 |
| Table 1-6: CoReg SC Fee | 1-5 |
| Table 1-7: CoReg Serial..... | 1-5 |
| Table 1-8: Subject | 1-6 |
| Table 1-9: Subject SC | 1-7 |
| Table 1-10: Subject Fee | 1-7 |
| Table 1-11: Subject Group..... | 1-7 |
| Table 1-12: Subject Group SC..... | 1-8 |
| Table 1-13: Subject Group Fee | 1-8 |
| Table 1-14: Correspondence | 1-8 |
| Table 1-15: Ownership | 1-8 |
| Table 1-16: Modules and Segments..... | 1-9 |
| Table 1-17: Single Filer Subject | 1-9 |
| Table 1-18: Subject CoReg | 1-9 |
| Table 3-1: Column Definitions for Table 3-3 | 3-1 |

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 |
| 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 |

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) |

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 |
| 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 |
| 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 |

| SUBMISSION TYPE | DESCRIPTION |
|-----------------|---|
| | 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 |
| 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 |
| 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 |

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| SUBMISSION TYPE | DESCRIPTION |
|-----------------|--|
| 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) |
| 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 |

| SUBMISSION TYPE | DESCRIPTION |
|-----------------|---|
| | 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 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 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 1-7: CoReg Serial

| SUBMISSION TYPE | DESCRIPTION |
|-----------------|---|
| 424B1 | Prospectus filed pursuant to Rule 424(b)(1) |

| SUBMISSION TYPE | DESCRIPTION |
|-----------------|---|
| 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 1-8: 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 1-9: 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 1-10: 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 |

Table 1-11: 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 |

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| SUBMISSION TYPE | DESCRIPTION |
|-----------------|---|
| | 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 1-12: 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 1-13: 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 1-14: 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 1-15: Ownership

| SUBMISSION TYPE | DESCRIPTION |
|-----------------|---|
| 3 | Initial Statement of Beneficial Ownership of Securities |
| 3/A | Amendment of a previous Form 3 |

| | |
|-----|--|
| 4 | Statement of Changes of Beneficial Ownership of Securities |
| 4/A | Amendment of a previous Form 4 |
| 5 | Annual Statement of Beneficial Ownership of Securities |
| 5/A | Amendment of a previous Form 5 |

Table 1-16: Modules and Segments

| SUBMISSION TYPE | DESCRIPTION |
|-----------------|--------------------|
| Module | Module Submission |
| Segment | Segment Submission |

Table 1-17: 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 1-18: 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. See Appendix B (EDGAR Filings Common XML Elements), Appendix C (EDGAR Series and Class Common XML Elements), and Appendix D (EDGAR Fee Bearing Filings Common XML Elements) 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

~~EDGARLink Online has been implemented to provide a web-based EDGARLink functional replacement system. The following changes have been implemented:~~

- ~~• A new 8-K Item 1.04 (Mine Safety – Reporting of Shutdowns and Patterns of Violations) will be available only on EDGARLink Online for submission form types 8-K, 8-K/A, 8-K 12B, 8-K12B/A, 8-K12G3, 8-K12G3/A, 8-K15D5, and 8-K15D5/A. See proposing Release No. 34-63548. The 8-K Item 1.04 will not be available on EDGARLink.~~
- ~~• A new exhibit type EX-95 (Mine Safety Disclosure Exhibit) will be available only on EDGARLink Online for submission form types 10-K, 10-K/A, 10-KT, 10-KT/A, 10-Q, 10-Q/A, 10-QT, 10-QT/A, 20-F, 20-F/A, 40-F, and 40-F/A. See proposing Release No. 34-63548. Exhibit type EX-95 will not be available on EDGARLink.~~

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 Singe 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 through 3.4.19 |
| <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 through 3.4.19:

Table 3-1: Column Definitions for Table 3-3

| 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 of these tables will be one of these values:

| 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 | | | | | | | | | | |
| string | Should be no longer than the length shown in the tables in Sections 3.4.1 through 3.4.19. 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 through 3.4.19 will have one of these values:

| 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. |
| o | Optional |
| 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 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 | - | N-8A | N-8A/A | QRTLRYRPT | QRTLRYRPT/A | 13F-HR/A | 13F-NT | 13F-NT/A | SH-ER | SH-ER/A | SH-NT | SH-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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 |
| 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 |
| 3 | 3 | String | fileNumber | 17 | | 1 | o | o | o | o | 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 | 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 |
| 2 | 8 | Date | periodOfReport | | | 1 | o | o | o | o | 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 | 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# | 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 | 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# |

| Level | Order | Data Type | Element Name | Max Length | Choice List | Max Occur | ANLRPT | ANLRPT/A | 13F-HR | DSTRBRPT | DSTRBRPT/A | N-54A | N-54A/A | N-54C | N-54C/A | N-6F | | N-8A | N-8A/A | QRTLYRPT | QRTLYRPT/A | 13F-HR/A | 13F-NT | 13F-NT/A | SH-ER | SH-ER/A | SH-NT | SH-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# | 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# |
| 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 |
| 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 |
| 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# |
| 2 | 11 | 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |

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 |
|-------|-------|-----------|----------------------|------------|--------------------------------|-----------|------|
| 1 | 1 | NV | edgarSubmission | | | 1 | m |
| 2 | 1 | String | schemaVersion | 5 | | 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 |

| Level | Order | Data Type | Element Name | Max Length | Choice List | Max Occur | 497K |
|-------|-------|-----------|-----------------------------|------------|--|-----------|------|
| 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 |
| 3 | 3 | String | fileNumber | 17 | | 1 | o |
| 2 | 7 | NV | sros | | | 1 | m |
| 3 | 1 | String | srold | | SRO_TYPE | 13 | m |
| 2 | 8 | String | invCompany | | INV_COMPANY_TYPE | 1 | m |
| 2 | 9 | NV | notifications | | | 1 | o |
| 3 | 1 | String | internetNotificationAddress | 80 | | Unlimited | m# |
| 2 | 10 | 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 |
| 4 | 5 | String | documentType | | SUB_DOCUMENT_TYPE | 1 | m# |
| 2 | 11 | NV | documents | | | 1 | m |
| 3 | 1 | NV | document | | | Unlimited | m |
| 4 | 1 | String | conformedName | 32 | | 1 | m |
| 4 | 2 | String | conformedDocumentType | | SUB_DOCUMENT_TYPE | 1 | m |
| 4 | 3 | String | description | 255 | | 1 | o |

| Level | Order | Data Type | Element Name | Max Length | Choice List | Max Occur | 497K |
|-------|-------|-----------|-------------------------|------------|-------------------|-----------|------|
| 4 | 4 | String | contents | | | 1 | m |
| 2 | 12 | NV | seriesClasses | | | 1 | m |
| 3 | 1 | NV | reportSeriesClass | | | 1 | m |
| 4 | 1 | boolean | rptIncludeAllSeriesFlag | | "true" or "false" | 1 | m |
| 4 | 2 | NV | rptSeriesClassInfo | | | Unlimited | m |
| 5 | 1 | String | seriesId | 10 | | 1 | m |
| 5 | 2 | boolean | includeAllClassesFlag | | "true" or "false" | 1 | m |
| 5 | 3 | String | classId | 10 | | Unlimited | 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 |

| Level | Order | Data Type | Element Name | Max Length | Choice List | Max Occur | 24F-2NT | 24F-2NT/A |
|-------|-------|-----------|-----------------------------|------------|--|-----------|---------|-----------|
| 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 | sroid | | 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 |
| 3 | 1 | NV | moduleSegment | | | Unlimited | m# | m# |
| 4 | 1 | String | modOrSegFlag | | MODULE OR SEGMENT_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_TYPE | 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_TYPE | 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 |

| Level | Order | Data Type | Element Name | Max Length | Choice List | Max Occur | 24F-2NT | 24F-2NT/A |
|-------|-------|-----------|---------------------------|------------|-------------------------------------|-----------|---------|-----------|
| 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 |
| 5 | 1 | String | filerId | 10 | | 1 | m# | m# |
| 5 | 2 | String | filerCcc | 8 | | 1 | m# | m# |
| 4 | 2 | String | feePaymentMethod | | PAYMENT METHOD TYPE | 1 | o | o |
| 4 | 3 | Decimal | feeAmount | 17 | | 1 | m# | m# |
| 4 | 4 | Decimal | feeBasis | 17 | | 1 | o | o |
| 3 | 2 | NV | submissionSalesShares | | | 1 | o | o |
| 4 | 1 | boolean | salesSharesItemizeFlag | | "true" or "false" | 1 | o | o |
| 4 | 2 | NV | salesSharesInformation | | | Unlimited | m# | m# |
| 5 | 1 | String | saleSharesSeriesOrClassId | 10 | | 1 | o | o |
| 5 | 2 | Decimal | salesSharesSalesProceeds | 17 | | 1 | m# | m# |
| 5 | 3 | Decimal | salesSharesRedeemedValue | 17 | | 1 | o | o |
| 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 | 8k | 10k |
|-------|-------|-----------|--------------------------|------------|---------------------------------|-----------|-----|-----|-------|-------|---------|---------|--------|--------|---------|---------|---------|--------|-------|---------|---------|-----|-------|---------|-----|-------|-----|-------|----|-----|
| 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 |
| 2 | 1 | | schemaVersion | 5 | | 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 |
| 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 |
| 2 | 3 | NV | flags | | | 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 |
| 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 | 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 | 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 | 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 | o | o | o | o | o | o | o | o | o | o |
| 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 |
| 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 |
| 2 | 5 | NV | contact | | | 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 |
| 3 | 1 | String | name | 30 | | 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 |
| 3 | 2 | String | phoneNumber | 20 | | 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 |
| 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 |
| 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 |
| 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 |
| 3 | 3 | String | fileNumber | 17 | | 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 |
| 3 | 4 | boolean | dutyToFileReportsRemains | | "true" or "false" | 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 |
| 2 | 7 | NV | coregs | | | 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 |
| 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# |
| 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# |
| 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# |
| 4 | 3 | String | fileNumber | 17 | | 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 |

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| 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 | 8k | 10k |
|-------|-------|-----------|-----------------------------|------------|---|-----------|-----|-----|-------|-------|---------|---------|--------|--------|---------|---------|---------|--------|-------|---------|---------|-----|-------|---------|-----|-------|-----|-------|----|-----|
| 4 | 5 | boolean | dutyToFileReportsRemains | | "true" or "false" | 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 |
| 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 |
| 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 |
| 2 | 9 | String | act | | ACT_TYPE | 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 |
| 2 | 10 | Date | periodOfReport | | | 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 |
| 2 | 11 | Date | effectiveDate | | | 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 |
| 2 | 12 | String | invCompany | | INV_COMPANY_TYPE | 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 |
| 2 | 13 | NV | items | | | 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 |
| 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# |
| 2 | 14 | String | itemSubmissionType | | ITEM_SUBMISSION_TYPE | 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 |
| 2 | 15 | String | fiscalYear | 5 | | 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 |
| 2 | 16 | NV | depositor | | | 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 |
| 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# |
| 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# |
| 2 | 17 | NV | subCompanyFiler | | | 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 |
| 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# |
| 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# |
| 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# |
| 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# |
| 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# |
| 2 | 18 | boolean | shellCompanyFlag | | "true" or "false" | 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 |
| 2 | 19 | boolean | voluntaryFilerFlag | | "true" or "false" | 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 |
| 2 | 20 | boolean | wellKnownSeasonedIssuerFlag | | "true" or "false" | 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 |
| 2 | 21 | String | acceleratedFilerStatus | | ACCELERATED_STATUS_TYPE | 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 |

| 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 | 8k | 10k |
|-------|-------|-----------|-----------------------------|------------|--|-----------|-----|-----|-------|-------|---------|---------|--------|--------|---------|---------|---------|--------|-------|---------|---------|-----|-------|---------|-----|-------|-----|-------|----|-----|
| 2 | 22 | boolean | smallBusinessFlag | | "true" or "false" | 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 |
| 2 | 23 | NV | references | | | 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 |
| 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# |
| 2 | 24 | NV | notifications | | | 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 |
| 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# |
| 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 |
| 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# |
| 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# |
| 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# |
| 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 |
| 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 |
| 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# |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |

3.4.5.1 Mapping of ELO CoReg Fee Submission Schemas to Submission Type

| 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 | islmCompany | | "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 |

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| 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 |

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| 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 | 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 |

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| 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 | srold | | SRO_TYPE | 13 | m | m | m | m | m | m | m | m | m | m | m | m | m | m |

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| 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 | 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 |

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| 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 | srold | | SRO TYPE | 13 | m | m | m | m | m | m | m | m | m | m | m | m |

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| 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 | 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 |
| 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 | 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 |
| 2 | 11 | NV | references | | | 1 | 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 |
| 3 | 2 | String | references_462b | 17 | | 1 | 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 |
| 2 | 13 | String | act | | ACT_TYPE | 1 | 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 |
| 3 | 1 | String | internetNotificationAddress | 80 | | Unlimited | 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 |
| 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 | 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 |
| 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 | 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 |
| 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 | 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 |
| 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 | 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# |
| 4 | 4 | Decimal | feeBasis | 17 | | 1 | 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 |
| 4 | 1 | String | feeOfferingTypeOfPayment | | PAYMENT_TYPE | 1 | 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 |
| 4 | 3 | Decimal | feeOfferingShares | | | 1 | 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 |
| 4 | 5 | Decimal | feeOfferingAggregatePrice | 17 | | 1 | 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 |
| 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 | 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# |
| 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 |

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| Level | Order | Data Type | Element Name | Max Length | Choice List | Max Occur | PREM14A | PREM14C | PRER14A | PRER14C |
|-------|-------|-----------|----------------------|------------|----------------------------------|-----------|---------|---------|---------|---------|
| 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 |
| 2 | 9 | NV | invCompany | | No info blank cell | 1 | o | o | o | o |
| 3 | 1 | boolean | isImCompany | | "true" or "false" | 1 | m# | m# | m# | m# |
| 3 | 2 | String | invCompanyType | | INV_COMPANY_TYPE | 1 | m# | m# | m# | m# |

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| Level | Order | Data Type | Element Name | Max Length | Choice List | Max Occur | PREM14A | PREM14C | PRER14A | PRER14C |
|-------|-------|-----------|-----------------------------|-----------------------|--|-----------|---------|---------|---------|---------|
| 2 | 10 | Date | periodOfReport | | | 1 | o | o | o | o |
| 2 | 11 | NV | notifications | | | 1 | o | o | o | o |
| 3 | 1 | String | internetNotificationAddress | 80 | | Unlimited | m# | m# | m# | m# |
| 2 | 12 | NV | moduleSegments | | | 1 | o | o | o | o |
| 3 | 1 | NV | moduleSegment | | | Unlimited | o | o | o | o |
| 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 | 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 | 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 | o | o | o | o |
| 4 | 4 | String | contents | | | 1 | m | m | m | m |
| 2 | 12 | NV | seriesClass | | | 1 | o | o | o | o |
| 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# |
| 5 | 2 | boolean | includeAllClassesFlag | | | 1 | m# | m# | m# | m# |
| 5 | 3 | String | classId | 10 | | Unlimited | m# | m# | m# | m# |

| Level | Order | Data Type | Element Name | Max Length | Choice List | Max Occur | PREM14A | PREM14C | PRER14A | PRER14C |
|-------|-------|-----------|----------------------------|-----------------------|--|-----------|---------|---------|---------|---------|
| 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 blank cell | | 1 | m | m | m | m |
| 3 | 1 | NV | submissionFee | | | 1 | o | o | o | o |

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| Level | Order | Data Type | Element Name | Max Length | Choice List | Max Occur | PREM14A | PREM14C | PRER14A | PRER14C |
|-------|-------|-----------|---------------------------|--------------------|-------------------------------------|-----------|---------|---------|---------|---------|
| 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 |

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| 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 | o | o | o | o | o | o | o |
| 4 | 3 | Decimal | feeOfferingShares | | | 1 | o | o | o | o | o | o | o |
| 4 | 4 | Decimal | feeOfferingAmountPerShare | 17 | | 1 | o | o | o | o | o | o | o |
| 4 | 5 | Decimal | feeOfferingAggregatePrice | 17 | | 1 | o | o | o | o | o | o | o |
| 3 | 3 | NV | submissionOffset | No info blank cell | | Unlimited | o | o | o | o | o | o | o |
| 4 | 1 | String | offsetCik | 10 | | 1 | m# | m# | m# | m# | m# | m# | m# |
| 4 | 2 | String | offsetFormType | No info blank cell | SUBMISSION_TYPE | 1 | o | o | o | o | o | o | o |
| 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 | m | m | m | m | m | m | m | m | m | m | m |
| 3 | 4 | String | filerName | 150 | | 1 | o | o | o | o | o | o | o | o | o | o | o |
| 3 | 5 | NV | filerInvCompany | | | 1 | m# | m# | m# | m# | m# | m# | m# | m# | m# | m# | m# |
| 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 |

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| 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 |
|-------|-------|-----------|-----------------------|------------|---------------------------------|-----------|---------|-----------|
| 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 | boolean | flags | | No info blank cell | 1 | o | o |
| 3 | 1 | boolean | confirmingCopyFlag | | "true" or "false" | 1 | o | o |
| 3 | 2 | Boolean | delayingAmendmentFlag | | "true" or "false" | 1 | o | o |
| 3 | 2 | boolean | returnCopyFlag | | "true" or "false" | 1 | o | o |
| 3 | 3 | boolean | overrideInternetFlag | | "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 | String | filer | | | 1 | m | m |
| 3 | 1 | String | filderId | 10 | | 1 | m | m |
| 3 | 2 | String | filerCcc | 8 | | 1 | m | m |
| 3 | 4 | String | subCompanyfiler | | | 1 | m | m |
| 2 | 7 | NV | subCompanyFiler | | | 1 | m | m |
| 3 | 1 | String | filerId | 10 | | 1 | m | m |
| 3 | 2 | String | irsNumber | 9 | | 1 | o | o |
| 3 | 3 | String | fileNumber | 17 | | 1 | m | m |
| 3 | 4 | String | filerName | 150 | | 1 | m | m |
| 2 | 8 | String | sros | | | 1 | m | m |

| Level | Order | Data Type | Element Name | Max Length | Choice List | Max Occur | SC 13E1 | SC 13E1/A |
|-------|-------|-----------|-----------------------------|--------------------|--|-----------|---------|-----------|
| 3 | 1 | String | srold | | SRO_TYPE | 13 | m | m |
| 2 | 9 | String | effectiveDate | | | 1 | o | o |
| 2 | 10 | String | depository | 50 | | 1 | o | o |
| 2 | 11 | String | references | No info blank cell | | 1 | o | o |
| 3 | 1 | String | references_429 | 17 | | Unlimited | m# | m# |
| 2 | 12 | String | notifications | | | 1 | o | o |
| 3 | 1 | String | internetNotificationAddress | 80 | | Unlimited | m# | m# |
| 2 | 13 | 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 | 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 | 14 | String | documents | | | 1 | m | m |
| 3 | 1 | NV | document | | | Unlimited | m | m |
| 4 | 1 | string | conformedName | | | 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# |
| 2 | 15 | NV | edgarFee | | | 1 | o | o |
| 3 | 1 | NV | submissionFee | | | 1 | m# | m# |
| 4 | 1 | NV | feePayorInformation | | | 1 | o | o |
| 5 | 1 | String | filerId | 10 | | 1 | m# | m# |

| Level | Order | Data Type | Element Name | Max Length | Choice List | Max Occur | SC 13E1 | SC 13E1/A |
|-------|-------|-----------|---------------------------|------------|-------------------------------------|-----------|---------|-----------|
| 5 | 2 | String | filerCcc | 8 | | 1 | m# | m# |
| 4 | 2 | String | feePaymentMethod | | PAYMENT_METHOD_TYPE | 1 | o | o |
| 4 | 3 | Decimal | feeAmount | 17 | | 1 | m# | m# |
| 4 | 4 | Decimal | feeBasis | 17 | | 1 | o | o |
| 3 | 2 | NV | submissionOffering | | | Unlimited | m# | m# |
| 4 | 1 | String | feeOfferingTypeOfPayment | | PAYMENT_TYPE | 1 | o | o |
| 4 | 2 | String | feeOfferingSecurityName | | SECURITY_TYPE | 1 | o | o |
| 4 | 3 | Decimal | feeOfferingShares | | | 1 | o | o |
| 4 | 4 | Decimal | feeOfferingAmountPerShare | 17 | | 1 | o | o |
| 4 | 5 | Decimal | feeOfferingAggregatePrice | 17 | | 1 | o | o |
| 3 | 3 | NV | submissionOffset | | | Unlimited | o | o |
| 4 | 1 | String | offsetCik | 10 | | 1 | m# | m# |
| 4 | 2 | String | offsetFormType | | SUBMISSION_TYPE | 1 | o | o |
| 4 | 3 | String | offsetFileNumber | 17 | | 1 | m# | m# |
| 4 | 4 | Date | offsetFilingDate | | | 1 | m# | m# |
| 4 | 5 | Decimal | offsetAmount | 17 | | 1 | 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 |

| 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 |
|-------|-------|-----------|----------------------|------------|---------------------------------------|-----------|-----|--------|----------|--------|----------|---------|-----------|---------|---------|---------|-----------|
| 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 | 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 |
| 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 | sroid | | 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 |

| Level | Order | Data Type | Element Name | Max Length | Choice List | Max Occur | FWP | SC 13D | SC 13D/A | SC 13G | SC 13E/A | SC 14D9 | SC 14D9/A | SC TO-C | SC14D9C | SC14D9F | SC14D9F/A |
|-------|-------|-----------|------------------------------|------------|--|-----------|-----|--------|----------|--------|----------|---------|-----------|---------|---------|---------|-----------|
| 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 |
| 3 | 1 | String | srold | | SRO TYPE | 13 | m |
| 2 | 9 | boolean | rule163Flag | | "true" or "false" | 1 | o |

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| Level | Order | Data Type | Element Name | Max Length | Choice List | Max Occur | 425 |
|-------|-------|-----------|-----------------------------|-----------------------|--|-----------|-----|
| 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 |
| 4 | 3 | boolean | targetIncludeAllSeriesFlag | | "true" or "false" | 1 | o |
| 4 | 4 | NV | targetSeriesClassInfo | | | Unlimited | o |

| Level | Order | Data Type | Element Name | Max Length | Choice List | Max Occur | 425 |
|-------|-------|-----------|--------------------------|--------------------|--------------------|-----------|-----|
| 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 | srold | | 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 | SC 13E4F | SC 13E4F/A | SC 14D1F | SC 14D1F/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 | filderId | 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 | filderId | 10 | | 1 | m |
| 3 | 2 | String | filerCcc | 8 | | 1 | m |
| 2 | 7 | NV | coregs | No info blank cell | | Unlimited | o |
| 3 | 1 | String | filderId | 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 | attachements | | | 1 | m |
| 3 | 1 | NV | attachement | | | 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 | 3 | 3/A | 4 | 4/A | 5 | 5/A |
|-------|-------|-----------|-----------------------------|------------|---|-----------|----|-----|----|-----|----|-----|
| 1 | 1 | NV | edgarSubmission | | | 1 | m | m | m | m | m | m |
| 2 | 1 | String | schemaVersion | 5 | No info blank cell | 1 | o | o | o | o | o | o |
| 2 | 2 | String | liveTestFlag | | LIVE_TEST_TYPE | 1 | m | m | m | m | m | m |
| 2 | 3 | NV | flag | | | 1 | o | o | o | o | o | o |
| 3 | 3 | boolean | overrideInternetFlag | | "true" or false" | 1 | o | o | o | o | o | o |
| 3 | 4 | boolean | returnCopyFlag | | "true" or false" | 1 | o | o | o | o | o | o |
| 2 | 4 | String | submissionType | | SUBMISSION_TYPE | 1 | m | m | m | m | m | m |
| 2 | 5 | NV | contact | | | 1 | o | o | o | o | o | o |
| 3 | 1 | String | name | 30 | | 1 | o | o | o | o | o | o |
| 3 | 2 | String | phoneNumber | 20 | | 1 | o | o | o | o | o | o |
| 2 | 6 | NV | filer | | | 1 | m | m | m | m | m | m |
| 3 | 1 | String | filerId | 10 | | 1 | m | m | m | m | m | m |
| 3 | 2 | String | filerCcc | 8 | | 1 | m | m | m | m | m | m |
| 3 | 3 | String | filerRelationship | | RPT_OWNER_RELATIONSHIP_TYPE | 1 | m | m | m | m | m | m |
| 2 | 7 | NV | subCompanyFiler | | | 1 | m | m | m | m | m | m |
| 3 | 1 | String | filerId | 10 | | 1 | m | m | m | m | m | m |
| 3 | 2 | String | irsNumber | 7 | | 1 | m | m | m | m | m | m |
| 3 | 3 | String | filerName | 150 | | 1 | m | m | m | m | m | m |
| 2 | 8 | NV | sros | | | 1 | m | m | m | m | m | m |
| 3 | 1 | String | srold | | SRO_TYPE | 13 | m | m | m | m | m | m |
| 2 | 9 | NV | notifications | | | 1 | o | o | o | o | o | o |
| 3 | 1 | String | internetNotificationAddress | 80 | | Unlimited | m# | m# | m# | m# | m# | m# |
| 2 | 10 | NV | moduleSegments | | | 1 | o | o | o | o | o | o |
| 3 | 1 | NV | moduleSegment | | | Unlimited | m# | m# | m# | m# | m# | m# |
| 4 | 1 | String | modOrSegFlag | | MODULE_OR_SEGMENT_FLAG | 1 | m# | m# | m# | m# | m# | m# |
| 4 | 2 | String | nickName | 15 | No info blank cell | 1 | m# | m# | m# | m# | m# | m# |

| Level | Order | Data Type | Element Name | Max Length | Choice List | Max Occur | 3 | 3/A | 4 | 4/A | 5 | 5/A |
|-------|-------|-----------|-----------------------|--------------------|-----------------------------------|-----------|----|-----|----|-----|----|-----|
| 4 | 3 | String | cik | 10 | | 1 | o | o | o | o | o | o |
| 4 | 4 | String | ccc | 8 | | 1 | o | o | o | o | o | o |
| 4 | 5 | NV | documentType | | SUB_DOCUMENT_TYPE | 1 | m# | m# | m# | m# | m# | m# |
| 2 | 11 | NV | documents | | | 1 | m | m | m | m | m | m |
| 3 | 1 | NV | document | | | Unlimited | m | m | m | m | m | m |
| 4 | 1 | String | conformedName | 32 | | 1 | m | m | m | m | m | m |
| 4 | 2 | String | conformedDocumentType | No info blank cell | SUB_DOCUMENT_TYPE | 1 | m | m | m | m | m | m |
| 4 | 3 | String | description | 255 | | 1 | o | o | o | o | o | o |
| 4 | 4 | String | contents | No info blank cell | | 1 | m | m | m | m | 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 | filderId | 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 | periodOfReport | | DATE_TYPE | 1 | o | o |
| 2 | 7 | String | submissionType | | ABS_15G_SUBMISSION_TYPE | 1 | m | m |
| 2 | 8 | String | accessionNumber | | No info blank cell | 1 | o | o |
| 2 | 9 | String | assetClassType | | ASSET_CLASS_TYPE | 1 | m | m |
| 2 | 10 | 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 | 11 | 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# |
| 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 |
| 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# |

| Level | Order | Data Type | Element Name | Max Length | Choice List | Max Occur | ABS-15G | ABS-1G/A |
|-------|-------|-----------|-----------------------------|--------------------|--|-----------|---------|----------|
| 2 | 12 | NV | notifications | No info blank cell | | 1 | o | o |
| 3 | 1 | String | internetNotificationAddress | 80 | | Unlimited | m# | m# |
| 2 | 13 | 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 | 14 | 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 |

| Level | Order | Data Type | Element Name | Max Length | Choice List | Max Occur | SC 14N | SC 14N/A | SC 14N-S | SC 14N-S/A |
|-------|-------|-----------|-----------------------------|------------|---------------------------------|-----------|--------|----------|----------|------------|
| 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 |
| 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# |

| Level | Order | Data Type | Element Name | Max Length | Choice List | Max Occur | SC 14N | SC 14N/A | SC 14N-S | SC 14N-S/A |
|-------|-------|-----------|-------------------------|------------|--|-----------|--------|----------|----------|------------|
| 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 |

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-99.2G ADVSR CONTR | EX-99.A10 PERIODC PP |
| EX-100.INS | EX-99.2H DISTR CONTR | EX-99.A11 CODE ETH |
| EX-100.LAB | EX-99.1 CHARTER | EX-99.A2 INDNTR PMT |
| EX-100.PRE | EX-99.10 12B1 PLAN | EX-99.A3A DIST CONTR |
| EX-100.REF | EX-99.11 OPIN COUNSL | EX-99.A3B DEALER AGR |
| EX-100.SCH | EX-99.12 REV RULING | EX-99.A3C SCH COMMIS |
| EX-101.CAL | EX-99.12 TAX OPINION | EX-99.A4 OTHER AGRMT |
| EX-101.DEF | EX-99.13 OTH CONTRCT | EX-99.A5 FORM/SECRTY |
| EX-101.INS | EX-99.14 OTH CONSENT | EX-99.A6 CERT/BYLAWS |
| EX-101.LAB | EX-99.15 OTH FIN ST | EX-99.A7 INSR POLICY |
| EX-101.PRE | EX-99.16 PWR OF ATTY | EX-99.A8 DEPOSIT AGR |
| EX-101.REF | EX-99.17 (as approp) | EX-99.A9 OTHER CONTR |
| EX-101.SCH | EX-99.2 BYLAWS | EX-99.b BYLAWS |
| EX-11 | EX-99.2 OPIN COUNSEL | EX-99.b CUST-AGRMETS |
| EX-12 | EX-99.2A CHARTER | EX-99.B1 NOTIC/SHLDR |
| EX-13 | EX-99.2B BYLAWS | EX-99.B2 ANRPT/SHLDR |
| EX-14 | EX-99.2C VOTING TRST | EX-99.c HOLDERS RTS |
| EX-15 | EX-99.2D HOLDERS RTS | EX-99.c UNDER CONTRT |
| EX-16 | EX-99.2E DIV REIN PL | EX-99.C1 ACCT CONSNT |
| EX-17 | EX-99.2F SUBSID DEBT | EX-99.C2 EVAL CONSNT |
| EX-18 | EX-99.2G ADVSR CONTR | EX-99.C3 RTG AGY OPN |
| EX-19 | EX-99.2H DISTR CONTR | EX-99.C4 TAX OPINION |
| EX-2 | EX-99.2I O&D BENEFTS | EX-99.C5 REV RULING |
| EX-20 | EX-99.2J CUST CONTR | EX-99.C6 OTHER OPIN |
| EX-21 | EX-99.2K OTH CONTRCT | EX-99.CERT |
| EX-22 | EX-99.2L OPIN COUNSL | EX-99.CODE ETH |
| EX-23 | EX-99.2M CNSNT SRVCE | EX-99.d ADVSR CONTR |
| EX-24 | EX-99.2N OTH CONSENT | EX-99.d CONTRACTS |
| EX-25 | EX-99.2O OTH FIN ST | EX-99.e APPLICATIONS |
| EX-25/A | EX-99.2P STOCK LTR | EX-99.e UNDR CONTR |
| EX-26 | EX-99.2Q RETRMT PLAN | EX-99.f BONUS PROFIT |
| EX-3 | EX-99.2R CODE ETH | EX-99.f DEP CERT/BYL |
| EX-31 | EX-99.3 OTHER FIN ST | EX-99.g CUST AGREEMT |
| EX-32 | EX-99.3 VOTING TRUST | EX-99.g REINS CONTRT |
| EX-33 | EX-99.4 ACQ AGREEMNT | EX-99.h OTH MAT CONT |
| EX-34 | EX-99.4 UNREG ISSUER | EX-99.h PARTIC AGREE |
| EX-35 | EX-99.5 HOLDERS RTS | EX-99.i ADMIN CONTRT |
| EX-4 | EX-99.6 ADVSER CONTR | EX-99.i LEGAL OPININ |

| Value for Non-Primary Attached Document | Value for Non-Primary Attached Document | Value for Non-Primary Attached Document |
|---|---|---|
| EX-5 | EX-99.7 DISTR CONTR | EX-99.j OTH MAT CONT |
| EX-7 | EX-99.77B ACCT LTTR | EX-99.j OTHER OPININ |
| EX-8 | EX-99.77C VOTES | EX-99.k LEGAL OPININ |
| EX-9 | EX-99.77D POLICIES | EX-99.k OMT FIN STAT |
| <u>EX-95</u> | EX-99.77E LEGAL | EX-99.l ACTUARIAL OP |
| EX-99 | EX-99.77F CHNG DEBT | EX-99.l INT CAP AGRE |
| EX-99.1 CHARTER | EX-99.77G DEFAULTS | EX-99.m 12B-1 PLAN |
| EX-99.10 12B1 PLAN | EX-99.77H CHNG CNTRL | EX-99.m CALCULATION |
| EX-99.11 OPIN COUNSL | EX-99.77I NEW SECUR | EX-99.n 18F-3 PLAN |
| EX-99.12 REV RULING | EX-99.77J REVALUATN | EX-99.n OTH OPINIONS |
| EX-99.12 TAX OPINION | EX-99.77K CHNG ACCNT | EX-99.o OMITD FIN ST |
| EX-99.13 OTH CONTRCT | EX-99.77L NEW ACCTNG | EX-99.p CODE ETH |
| EX-99.14 OTH CONSENT | EX-99.77M MERGERS | EX-99.p INIT CAP AGR |
| EX-99.15 OTH FIN ST | EX-99.77N RULE 2A-7 | EX-99.q REDEEM EXEMP |
| EX-99.16 PWR OF ATTY | EX-99.77O RULE 10F-3 | EX-99.Rule23C1 |
| EX-99.17 (as approp) | EX-99.77P EXMPT INFO | GRAPHIC |
| EX-99.2 BYLAWS | EX-99.77Q1 OTHR EXHB | |
| EX-99.2 OPIN COUNSEL | EX-99.77Q2 ITEM 405 | |

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 |
| <u>1.04</u> | 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 |

4.19 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 |
| Corporate Debt |
| Resecuritization |
| Credit card |
| Other |

4.20 RULE15GA1_ITEM_TYPE

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

| VALUE |
|-------|
| 1.01 |
| 1.02 |

| VALUE |
|-------|
| 1.03 |

4.21 RULE15GA2_ITEM_TYPE

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

| VALUE |
|-------|
| 2.01 |
| 2.02 |

4.22 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 .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
    PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09PT09DQo=
  </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 .txt, .htm, .jpg, and .gif.
Note: The ELO types do not allow the inclusion of Portable Document Format (PDF) documents. EDGAR will discard any attached PDF documents and issue a WARNING to that effect.
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 through 3.4.19 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 through 3.4.19 | SUSPENDED |
| Inclusion of XML-style sheet 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 |
| Inclusion of a PDF document | WARNING |
| Exceeding a "Max Occur" limit from Sections 3.4.1 through 3.4.19 (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 |
| 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. EDGAR FILINGS COMMON XML ELEMENTS

INTRODUCTION

This appendix describes the common XML constructs of the EDGAR Filing submission.

List of Common Elements

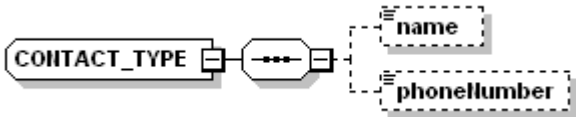
The below table describes the list of the common elements categorized as:

- 1) **Complex type.** The complex type element defines a complex type. A complex type element is an XML element that contains other elements and/or attributes.
- 2) **Simple types.** A simple element is an XML element that contains only text. It cannot contain any other elements or attributes.

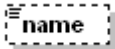
| COMPLEX TYPES | SIMPLE TYPES |
|---|---|
| CONTACT_TYPE | ACCELERATED_STATUS_TYPE |
| DEPOSITOR_TYPE | ACT_TYPE |
| EDGAR_DOCUMENT_TYPE | BASE_DOCUMENT_TYPE |
| EDGAR_DOCUMENTS_TYPE | CCC_TYPE |
| FLAG_TYPE | CIK_TYPE |
| INVESTMENT_COMPANY_TYPE | CONTACT_NAME_TYPE |
| MODULE_SEGMENT_TYPE | CONTACT_PHONE_TYPE |
| MODULES_SEGMENT_TYPE | DATE_TYPE |
| NOTIFICATION_TYPE | DECIMAL_TYPE14_2 |
| SROS_TYPE | DECIMAL_TYPE15_3 |
| No info blank cell | DECIMAL_TYPE16_4 |
| No info blank cell | DEPOSITORY_TYPE |
| No info blank cell | DOCUMENT_DESCRIPTION_TYPE |
| No info blank cell | DOCUMENT_MIME_BLOCK_TYPE |
| No info blank cell | DOCUMENT_NAME_TYPE |
| No info blank cell | DOCUMENT_TYPE |
| No info blank cell | ENTITY_NAME_TYPE |
| No info blank cell | FILE_NUMBER_TYPE |
| No info blank cell | FILE_NUMBER_TYPE_2 |
| No info blank cell | INTERNET_ADDRESS_TYPE |
| No info blank cell | INV_COMPANY_TYPE |
| No info blank cell | LIVE_TEST_TYPE |
| No info blank cell | MODULE_OR_SEGMENT_FLAG |
| No info blank cell | MODULE_SEGMENT_FORM_TYPE |
| No info blank cell | MODULE_SEGMENT_NAME_TYPE |
| No info blank cell | NEW_FILE_NUM_TYPE |

| COMPLEX TYPES | SIMPLE TYPES |
|--------------------|---|
| No info blank cell | OPEN_DOCUMENT_TYPE |
| No info blank cell | RPT_OWNER_RELATIONSHIP_TYPE |
| No info blank cell | SCHEMA_VERSION_TYPE |
| No info blank cell | SRO_TYPE |
| No info blank cell | SUB_DOCUMENT_TYPE |
| No info blank cell | SUBMISSION_TYPE |
| No info blank cell | TAX_ID_TYPE |
| No info blank cell | TRUE_FALSE_TYPE |
| No info blank cell | YES_NO_TYPE |


complexType **CONTACT_TYPE**

| | |
|-----------|--|
| diagram |  |
| namespace | http://www.sec.gov/edgar/common |
| children | name phoneNumber |
| source | <pre> <xs:complexType name="CONTACT_TYPE"> <xs:sequence> <xs:element name="name" type="CONTACT_NAME_TYPE" minOccurs="0"/> <xs:element name="phoneNumber" type="CONTACT_PHONE_TYPE" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre> |

element **CONTACT_TYPE/name**

| | | | | | | | | | | |
|--------------------------------|---|------------|-------|------------|-----------|--------|---|-----------|--------|--|
| element CONTACT_NAME_TYPE/name | | | | | | | | | | |
| diagram |  | | | | | | | | | |
| namespace | http://www.sec.gov/edgar/common | | | | | | | | | |
| type | CONTACT_NAME_TYPE | | | | | | | | | |
| properties | <table><tr><td>isRef</td><td>0</td></tr><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table> | isRef | 0 | minOcc | 0 | maxOcc | 1 | content | simple | |
| isRef | 0 | | | | | | | | | |
| minOcc | 0 | | | | | | | | | |
| maxOcc | 1 | | | | | | | | | |
| content | simple | | | | | | | | | |
| facets | <table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>30</td><td></td></tr></table> | Kind | Value | annotation | minLength | 1 | | maxLength | 30 | |
| Kind | Value | annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 30 | | | | | | | | | |
| source | <xs:element name="name" type="CONTACT_NAME_TYPE" minOccurs="0"/> | | | | | | | | | |

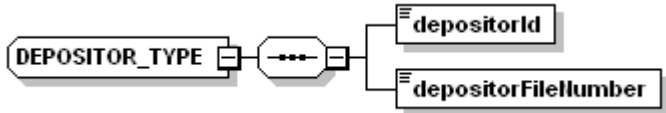
element **CONTACT_TYPE/phoneNumber**

| | |
|-----------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/common |
| type | CONTACT_PHONE_TYPE |


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| | |
|------------|---|
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| facets | Kind Value annotation minLength 1 maxLength 20 pattern [a-zA-Z0-9\-\-]{1,20} |
| source | <xs:element name="phoneNumber" type="CONTACT_PHONE_TYPE" minOccurs="0"/> |


complexType DEPOSITOR_TYPE

| | |
|-----------|--|
| diagram |  |
| namespace | http://www.sec.gov/edgar/common |
| children | depositorId depositorFileNumber |
| source | <xs:complexType name="DEPOSITOR_TYPE"> <xs:sequence> <xs:element name="depositorId" type="CIK_TYPE"/> <xs:element name="depositorFileNumber" type="FILE_NUMBER_TYPE"/> </xs:sequence> </xs:complexType> |

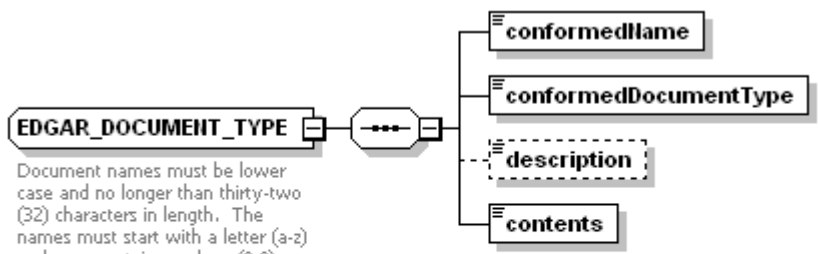
element DEPOSITOR_TYPE/depositorId

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/common |
| type | CIK_TYPE |
| properties | isRef 0 content simple |
| facets | Kind Value annotation pattern \d{1,10} |
| source | <xs:element name="depositorId" type="CIK_TYPE"/> |


element DEPOSITOR_TYPE/depositorFileNumber

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/common |
| type | FILE_NUMBER_TYPE |
| properties | isRef 0 content simple |
| facets | Kind Value annotation pattern \d{1,3}-\d{1,8}-[a-zA-Z0-9]{1,4}\d{1,3}-\d{1,8} |
| source | <xs:element name="depositorFileNumber" type="FILE_NUMBER_TYPE"/> |

complexType **EDGAR_DOCUMENT_TYPE**

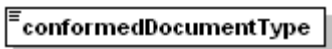
| | |
|------------|---|
| diagram |  <p>Document names must be lower case and no longer than thirty-two (32) characters in length. The names must start with a letter (a-z) and may contain numbers (0-9) with no spaces. Document names may contain one period (.), one hyphen (-), and one underscore (_) character and must end with *.htm, *.txt, *.pdf, *.fil, *.jpg, *.gif, *.xml or *.xsd extensions.</p> |
| namespace | http://www.sec.gov/edgar/common |
| children | conformedName conformedDocumentType description contents |
| used by | element EDGAR_DOCUMENTS_TYPE/document |
| annotation | <p>documentation</p> <p>Document names must be lower case and no longer than thirty-two (32) characters in length. The names must start with a letter (a-z) and may contain numbers (0-9) with no spaces. Document names may contain one period (.), one hyphen (-), and one underscore (_) character and must end with *.htm, *.txt, *.pdf, *.fil, *.jpg, *.gif, *.xml or *.xsd extensions.</p> |
| source | <pre> <xs:complexType name="EDGAR_DOCUMENT_TYPE"> <xs:annotation> <xs:documentation>Document names must be lower case and no longer than thirty-two (32) characters in length. The names must start with a letter (a-z) and may contain numbers (0-9) with no spaces. Document names may contain one period (.), one hyphen (-), and one underscore (_) character and must end with *.htm, *.txt, *.pdf, *.fil, *.jpg, *.gif, *.xml or *.xsd extensions.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="conformedName" type="DOCUMENT_NAME_TYPE"/> <xs:element name="conformedDocumentType" type="SUB_DOCUMENT_TYPE"/> <xs:element name="description" type="DOCUMENT_DESCRIPTION_TYPE" minOccurs="0"/> <xs:element name="contents" type="DOCUMENT_MIME_BLOCK_TYPE"/> </xs:sequence> </xs:complexType> </pre> |

element **EDGAR_DOCUMENT_TYPE/conformedName**

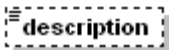
| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/common |
| type | DOCUMENT_NAME_TYPE |
| properties | <p>isRef 0</p> <p>content simple</p> |

| | | |
|--------|--|---|
| facets | Kind | Value annotation |
| | minLength | 1 |
| | maxLength | 32 |
| | pattern | ([a-zA-Z0-9]+[\w\._\-\]]*)([.]\((([hH][tT][mM]) ([tT][xX][tT]) ([pP][dD][fF]) ([xX][mM][iL]) ([jJ][pP][gG]) ([gG][iI][fF]) ([fF][iI][lL]) ([xX][sS][dD])))) |
| source | <xs:element name="conformedName" type="DOCUMENT_NAME_TYPE"/> | |


element **EDGAR_DOCUMENT_TYPE/conformedDocumentType**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/common |
| type | SUB_DOCUMENT_TYPE |
| properties | isRef 0 content simple |
| source | <xs:element name="conformedDocumentType" type="SUB_DOCUMENT_TYPE"/> |

element **EDGAR_DOCUMENT_TYPE/description**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/common |
| type | DOCUMENT_DESCRIPTION_TYPE |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| facets | Kind Value annotation minLength 1 maxLength 255 |
| source | <xs:element name="description" type="DOCUMENT_DESCRIPTION_TYPE" minOccurs="0"/> |

element **EDGAR_DOCUMENT_TYPE/contents**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/common |
| type | DOCUMENT_MIME_BLOCK_TYPE |
| properties | isRef 0 content simple |
| facets | Kind Value annotation minLength 1 |
| source | <xs:element name="contents" type="DOCUMENT_MIME_BLOCK_TYPE"/> |

complexType **EDGAR_DOCUMENTS_TYPE**

| | |
|-----------|---|
| diagram | |
| namespace | http://www.sec.gov/edgar/common |
| children | document |
| source | <pre> <xs:complexType name="EDGAR_DOCUMENTS_TYPE"> <xs:sequence> <xs:element name="document" type="EDGAR_DOCUMENT_TYPE" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </pre> |

element **EDGAR_DOCUMENTS_TYPE/document**

| | | | | | | | | | |
|------------|--|-------|---|--------|---|--------|-----------|---------|---------|
| diagram | | | | | | | | | |
| namespace | http://www.sec.gov/edgar/common | | | | | | | | |
| type | EDGAR_DOCUMENT_TYPE | | | | | | | | |
| properties | <table> <tr><td>isRef</td><td>0</td></tr> <tr><td>minOcc</td><td>1</td></tr> <tr><td>maxOcc</td><td>unbounded</td></tr> <tr><td>content</td><td>complex</td></tr> </table> | isRef | 0 | minOcc | 1 | maxOcc | unbounded | content | complex |
| isRef | 0 | | | | | | | | |
| minOcc | 1 | | | | | | | | |
| maxOcc | unbounded | | | | | | | | |
| content | complex | | | | | | | | |
| children | conformedName conformedDocumentType description | | | | | | | | |
| source | <pre> <xs:element name="document" type="EDGAR_DOCUMENT_TYPE" maxOccurs="unbounded"/> </pre> | | | | | | | | |

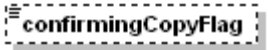
complexType **FLAG_TYPE**

| | |
|-----------|---|
| diagram | |
| namespace | http://www.sec.gov/edgar/common |
| children | confirmingCopyFlag delayingAmendmentFlag overrideInternetFlag returnCopyFlag serialFlag |
| source | <pre> <xs:complexType name="FLAG_TYPE"> <xs:sequence> <xs:element name="confirmingCopyFlag" type="boolean"/> <xs:element name="delayingAmendmentFlag" type="boolean"/> <xs:element name="overrideInternetFlag" type="boolean"/> <xs:element name="returnCopyFlag" type="boolean"/> <xs:element name="serialFlag" type="boolean"/> </xs:sequence> </xs:complexType> </pre> |

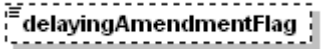
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| | |
|--|---|
| | <pre><xs:sequence> <xs:element name="confirmingCopyFlag" type="TRUE_FALSE_TYPE" minOccurs="0"/> <xs:element name="delayingAmendmentFlag" type="TRUE_FALSE_TYPE" minOccurs="0"/> <xs:element name="overrideInternetFlag" type="TRUE_FALSE_TYPE" minOccurs="0"/> <xs:element name="returnCopyFlag" type="TRUE_FALSE_TYPE" minOccurs="0"/> <xs:element name="serialFlag" type="TRUE_FALSE_TYPE" minOccurs="0"/> </xs:sequence> </xs:complexType></pre> |
|--|---|


element **FLAG_TYPE/confirmingCopyFlag**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/common |
| type | TRUE_FALSE_TYPE |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| facets | Kind Value annotation pattern true pattern false |
| source | <pre><xs:element name="confirmingCopyFlag" type="TRUE_FALSE_TYPE" minOccurs="0"/></pre> |

element **FLAG_TYPE/delayingAmendmentFlag**

| | |
|------------|--|
| diagram |  |
| namespace | http://www.sec.gov/edgar/common |
| type | TRUE_FALSE_TYPE |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| facets | Kind Value annotation pattern true pattern false |
| source | <pre><xs:element name="delayingAmendmentFlag" type="TRUE_FALSE_TYPE" minOccurs="0"/></pre> |

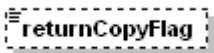
element **FLAG_TYPE/overrideInternetFlag**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/common |
| type | TRUE_FALSE_TYPE |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| facets | Kind Value annotation pattern true |


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| | |
|--------|---|
| | pattern false |
| source | <code><xs:element name="overrideInternetFlag" type="TRUE_FALSE_TYPE" minOccurs="0"/></code> |

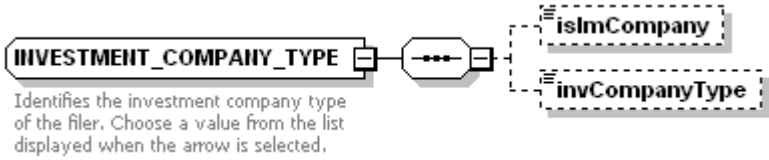
element FLAG_TYPE/returnCopyFlag

| | |
|------------|--|
| diagram |  A dashed box containing the text "returnCopyFlag". |
| namespace | http://www.sec.gov/edgar/common |
| type | TRUE_FALSE_TYPE |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| facets | Kind Value annotation pattern true pattern false |
| source | <code><xs:element name="returnCopyFlag" type="TRUE_FALSE_TYPE" minOccurs="0"/></code> |

element FLAG_TYPE/serialFlag

| | |
|------------|--|
| diagram |  A dashed box containing the text "serialFlag". |
| namespace | http://www.sec.gov/edgar/common |
| type | TRUE_FALSE_TYPE |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| facets | Kind Value annotation pattern true pattern false |
| source | <code><xs:element name="serialFlag" type="TRUE_FALSE_TYPE" minOccurs="0"/></code> |

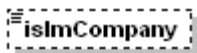
complexType INVESTMENT_COMPANY_TYPE

| | |
|------------|--|
| diagram |  A diagram showing a box labeled "INVESTMENT_COMPANY_TYPE" with a dashed line and arrow pointing to a dashed box containing "islCompany" and "invCompanyType". Below the box is the text: "Identifies the investment company type of the filer. Choose a value from the list displayed when the arrow is selected."/> <p>Identifies the investment company type of the filer. Choose a value from the list displayed when the arrow is selected.</p> |
| namespace | http://www.sec.gov/edgar/common |
| children | islCompany invCompanyType |
| annotation | documentation Identifies the investment company type of the filer. Choose a value from the list displayed when the arrow is selected. |
| source | <code><xs:complexType name="INVESTMENT_COMPANY_TYPE"> <xs:annotation> <xs:documentation>Identifies the investment company type of the filer. Choose a value from the list displayed when the arrow is selected.</xs:documentation> </xs:annotation> <xs:sequence></code> |


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| | |
|--|---|
| | <pre><xs:element name="isImCompany" type="TRUE_FALSE_TYPE" minOccurs="0"/> <xs:element name="invCompanyType" type="INV_COMPANY_TYPE" minOccurs="0"/> </xs:sequence> </xs:complexType></pre> |
|--|---|

element **INVESTMENT_COMPANY_TYPE/isImCompany**

| | | | | | | | | | | |
|------------|---|------------|-------|------------|---------|--------|---|---------|--------|--|
| diagram |  | | | | | | | | | |
| namespace | http://www.sec.gov/edgar/common | | | | | | | | | |
| type | TRUE_FALSE_TYPE | | | | | | | | | |
| properties | <table><tr><td>isRef</td><td>0</td></tr><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table> | isRef | 0 | minOcc | 0 | maxOcc | 1 | content | simple | |
| isRef | 0 | | | | | | | | | |
| minOcc | 0 | | | | | | | | | |
| maxOcc | 1 | | | | | | | | | |
| content | simple | | | | | | | | | |
| facets | <table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>pattern</td><td>true</td><td></td></tr><tr><td>pattern</td><td>false</td><td></td></tr></table> | Kind | Value | annotation | pattern | true | | pattern | false | |
| Kind | Value | annotation | | | | | | | | |
| pattern | true | | | | | | | | | |
| pattern | false | | | | | | | | | |
| source | <xs:element name="isImCompany" type="TRUE_FALSE_TYPE" minOccurs="0"/> | | | | | | | | | |

element **INVESTMENT_COMPANY_TYPE/invCompanyType**

| | | | |
|------------|---|------------|------------|
| diagram |  | | |
| namespace | http://www.sec.gov/edgar/common | | |
| type | INV_COMPANY_TYPE | | |
| properties | isRef | 0 | |
| | minOcc | 0 | |
| | maxOcc | 1 | |
| | content | simple | |
| facets | Kind | Value | annotation |
| | enumeration | N-1A | |
| | enumeration | N-1 | |
| | enumeration | N-2 | |
| | enumeration | N-3 | |
| | enumeration | N-4 | |
| | enumeration | N-5 | |
| | enumeration | N-6 | |
| | enumeration | S-1 or S-3 | |
| | enumeration | S-6 | |
| source | <xs:element name="invCompanyType" type="INV_COMPANY_TYPE" minOccurs="0"/> | | |

complexType **MODULE_SEGMENT_TYPE**

| | |
|------------|---|
| diagram | |
| namespace | http://www.sec.gov/edgar/common |
| children | modOrSegFlag nickName cik ccc documentType |
| used by | element MODULES_SEGMENT_TYPE/moduleSegment |
| annotation | documentation Single module segment type |
| source | <pre> <xs:complexType name="MODULE_SEGMENT_TYPE"> <xs:annotation> <xs:documentation> Single module segment type</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="modOrSegFlag" type="MODULE_OR_SEGMENT_FLAG"/> <xs:element name="nickName" type="MODULE_SEGMENT_NAME_TYPE"/> <xs:element name="cik" type="CIK_TYPE" minOccurs="0"/> <xs:element name="ccc" type="CCC_TYPE" minOccurs="0"/> <xs:element name="documentType" type="MODULE_SEGMENT_FORM_TYPE"/> </xs:sequence> </xs:complexType> </pre> |

element **MODULE_SEGMENT_TYPE/modOrSegFlag**

| | |
|------------|--|
| diagram | |
| namespace | http://www.sec.gov/edgar/common |
| type | MODULE_OR_SEGMENT_FLAG |
| properties | isRef 0 content simple |
| facets | Kind Value annotation enumeration M enumeration S |
| source | <pre> <xs:element name="modOrSegFlag" type="MODULE_OR_SEGMENT_FLAG"/> </pre> |


element **MODULE_SEGMENT_TYPE/nickName**

| | |
|------------|--|
| diagram | |
| namespace | http://www.sec.gov/edgar/common |
| type | MODULE_SEGMENT_NAME_TYPE |
| properties | isRef 0 content simple |

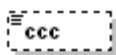
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| | | | |
|--------|---|-------|------------|
| facets | Kind | Value | annotation |
| | minLength | 1 | |
| | maxLength | 15 | |
| source | <xs:element name="nickName" type="MODULE_SEGMENT_NAME_TYPE"/> | | |


element **MODULE_SEGMENT_TYPE/cik**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/common |
| type | CIK_TYPE |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| facets | Kind Value annotation pattern \d{1,10} |
| source | <xs:element name="cik" type="CIK_TYPE" minOccurs="0"/> |

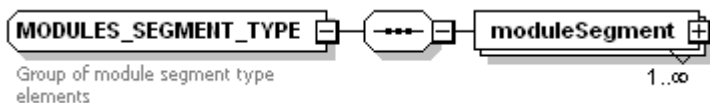
element **MODULE_SEGMENT_TYPE/ccc**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/common |
| type | CCC_TYPE |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| facets | Kind Value annotation length 8 |
| source | <xs:element name="ccc" type="CCC_TYPE" minOccurs="0"/> |

element **MODULE_SEGMENT_TYPE/documentType**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/common |
| type | MODULE_SEGMENT_FORM_TYPE |
| properties | isRef 0 content simple |
| source | <xs:element name="documentType" type="MODULE_SEGMENT_FORM_TYPE"/> |

complexType **MODULES_SEGMENT_TYPE**

| | |
|-----------|---|
| diagram |  <p>Group of module segment type elements</p> |
| namespace | http://www.sec.gov/edgar/common |

| | |
|------------|--|
| children | moduleSegment |
| annotation | documentation Group of module segment type elements |
| source | <pre> <xs:complexType name="MODULES_SEGMENT_TYPE"> <xs:annotation> <xs:documentation>Group of module segment type elements</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="moduleSegment" type="MODULE_SEGMENT_TYPE" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </pre> |


element **MODULES_SEGMENT_TYPE/moduleSegment**

| | |
|------------|--|
| diagram | |
| namespace | http://www.sec.gov/edgar/common |
| type | MODULE_SEGMENT_TYPE |
| properties | isRef 0 minOcc 1 maxOcc unbounded content complex |
| children | modOrSegFlag nickName cik ccc documentType |
| source | <pre> <xs:element name="moduleSegment" type="MODULE_SEGMENT_TYPE" maxOccurs="unbounded"/> </pre> |

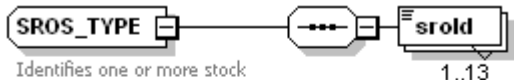
complexType **NOTIFICATION_TYPE**

| | |
|-----------|---|
| diagram | |
| namespace | http://www.sec.gov/edgar/common |
| children | internetNotificationAddress |
| source | <pre> <xs:complexType name="NOTIFICATION_TYPE"> <xs:sequence> <xs:element name="internetNotificationAddress" type="INTERNET_ADDRESS_TYPE" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </pre> |

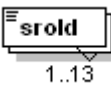
element **NOTIFICATION_TYPE/internetNotificationAddress**

| | | | |
|------------|---|---|------------|
| diagram |  | | |
| namespace | http://www.sec.gov/edgar/common | | |
| type | INTERNET_ADDRESS_TYPE | | |
| properties | isRef | 0 | |
| | minOcc | 1 | |
| | maxOcc | unbounded | |
| | content | simple | |
| facets | Kind | Value | annotation |
| | minLength | 4 | |
| | maxLength | 80 | |
| | pattern | ([a-zA-Z0-9_\.]+\.)@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\. \) ((([a-zA-Z0-9\.\-]+\.)+))([a-zA-Z]{2,7} \[0-9]{1,3})\{1\}?) | |
| source | <xs:element name="internetNotificationAddress" type="INTERNET_ADDRESS_TYPE" maxOccurs="unbounded"/> | | |

complexType **SROS_TYPE**

| | |
|------------|--|
| diagram |  <p>Identifies one or more stock exchanges or other self-regulatory organizations on which the issuer's securities are listed or traded. Choose values from the list displayed.</p> |
| namespace | http://www.sec.gov/edgar/common |
| children | srold |
| annotation | documentation Identifies one or more stock exchanges or other self-regulatory organizations on which the issuer's securities are listed or traded. Choose values from the list displayed. documentation If none applies, select the value "None". |
| source | <pre><xs:complexType name="SROS_TYPE"> <xs:annotation> <xs:documentation>Identifies one or more stock exchanges or other self-regulatory organizations on which the issuer's securities are listed or traded. Choose values from the list displayed.</xs:documentation> <xs:documentation/> <xs:documentation>If none applies, select the value "None".</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="srold" type="SRO_TYPE" maxOccurs="13"/> </xs:sequence> </xs:complexType></pre> |

element **SROS_TYPE/srold**

| | | | |
|---------|---|--|--|
| diagram |  | | |
|---------|---|--|--|

| | | | |
|------------|---|--------|------------|
| namespace | http://www.sec.gov/edgar/common | | |
| type | SRO_TYPE | | |
| properties | isRef | 0 | |
| | minOcc | 1 | |
| | maxOcc | 13 | |
| | content | simple | |
| facets | Kind | Value | annotation |
| | enumeration | NONE | |
| | enumeration | AMEX | |
| | enumeration | ARCA | |
| | enumeration | BSE | |
| | enumeration | CBOE | |
| | enumeration | CHX | |
| | enumeration | FINRA | |
| | enumeration | ISE | |
| | enumeration | NASD | |
| | enumeration | NSX | |
| | enumeration | NYSE | |
| | enumeration | PCX | |
| | enumeration | PHLX | |
| | enumeration | | |
| source | <xs:element name="srold" type="SRO_TYPE" maxOccurs="13"/> | | |

simpleType **ACCELERATED_STATUS_TYPE**

| | | | |
|-----------|---|-------------------------|------------|
| namespace | http://www.sec.gov/edgar/common | | |
| type | restriction of xs:string | | |
| facets | Kind | Value | annotation |
| | enumeration | Non-Accelerated Filer | |
| | enumeration | Accelerated Filer | |
| | enumeration | Large Accelerated Filer | |
| | enumeration | Not Applicable | |
| source | <xs:simpleType name="ACCELERATED_STATUS_TYPE"> <xs:restriction base="xs:string"> <xs:enumeration value="Non-Accelerated Filer"/> <xs:enumeration value="Accelerated Filer"/> <xs:enumeration value="Large Accelerated Filer"/> <xs:enumeration value="Not Applicable"/> </xs:restriction> </xs:simpleType> | | |

simpleType **ACT_TYPE**

| | | | |
|-----------|---------------------------------|-------|------------|
| namespace | http://www.sec.gov/edgar/common | | |
| type | restriction of xs:string | | |
| facets | Kind | Value | annotation |
| | enumeration | 33 | |
| | enumeration | 40 | |
| | enumeration | 33 40 | |
| | enumeration | 34 | |

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| | |
|------------|---|
| annotation | <p>documentation</p> <p>For certain filings by investment companies, the tag identifies Act or Acts when the form type may be filed under more than one Act. Valid values when required are 33, 40, or 33 40. Choose value from the list displayed when the arrow is selected. Note: the delaying amendment is not appropriate for and will not be displayed for a 40 Act only filing.</p> |
| source | <pre><xs:simpleType name="ACT_TYPE"> <xs:annotation> <xs:documentation>For certain filings by investment companies, the tag identifies Act or Acts when the form type may be filed under more than one Act. Valid values when required are 33, 40, or 33 40. Choose value from the list displayed when the arrow is selected. Note: the delaying amendment is not appropriate for and will not be displayed for a 40 Act only filing.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="33"/> <xs:enumeration value="40"/> <xs:enumeration value="33 40"/> <xs:enumeration value="34"/> </xs:restriction> </xs:simpleType></pre> |

simpleType BASE_DOCUMENT_TYPE

| | | | |
|-----------|--|------------|------------|
| namespace | http://www.sec.gov/edgar/common | | |
| type | restriction of xs:token | | |
| used by | simpleType DOCUMENT_TYPE | | |
| facets | Kind | Value | annotation |
| | enumeration | CORRESP | |
| | enumeration | COVER | |
| | enumeration | EU-1 | |
| | enumeration | EX-1 | |
| | enumeration | EX-10 | |
| | enumeration | EX-100.CAL | |
| | enumeration | EX-100.DEF | |
| | enumeration | EX-100.INS | |
| | enumeration | EX-100.LAB | |
| | enumeration | EX-100.PRE | |
| | enumeration | EX-100.REF | |
| | enumeration | EX-100.SCH | |
| | enumeration | EX-101.CAL | |
| | enumeration | EX-101.DEF | |
| | enumeration | EX-101.INS | |
| | enumeration | EX-101.LAB | |
| | enumeration | EX-101.PRE | |
| | enumeration | EX-101.REF | |
| | enumeration | EX-101.SCH | |
| | enumeration | EX-11 | |
| | enumeration | EX-12 | |
| | enumeration | EX-13 | |
| | enumeration | EX-14 | |
| | enumeration | EX-15 | |

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| | |
|--------------------|----------------------|
| enumeration | EX-16 |
| enumeration | EX-17 |
| enumeration | EX-18 |
| enumeration | EX-19 |
| enumeration | EX-2 |
| enumeration | EX-20 |
| enumeration | EX-21 |
| enumeration | EX-22 |
| enumeration | EX-23 |
| enumeration | EX-24 |
| enumeration | EX-25 |
| enumeration | EX-25/A |
| enumeration | EX-26 |
| enumeration | EX-3 |
| enumeration | EX-31 |
| enumeration | EX-32 |
| enumeration | EX-33 |
| enumeration | EX-34 |
| enumeration | EX-35 |
| enumeration | EX-4 |
| enumeration | EX-5 |
| enumeration | EX-7 |
| enumeration | EX-8 |
| enumeration | EX-9 |
| <u>enumeration</u> | <u>EX-95</u> |
| enumeration | EX-99 |
| enumeration | EX-99.1 CHARTER |
| enumeration | EX-99.10 12B1 PLAN |
| enumeration | EX-99.11 OPIN COUNSL |
| enumeration | EX-99.12 REV RULING |
| enumeration | EX-99.12 TAX OPINION |
| enumeration | EX-99.13 OTH CONTRCT |
| enumeration | EX-99.14 OTH CONSENT |
| enumeration | EX-99.15 OTH FIN ST |
| enumeration | EX-99.16 PWR OF ATTY |
| enumeration | EX-99.17 (as approp) |
| enumeration | EX-99.2 BYLAWS |
| enumeration | EX-99.2 OPIN COUNSEL |
| enumeration | EX-99.2A CHARTER |
| enumeration | EX-99.2B BYLAWS |
| enumeration | EX-99.2C VOTING TRST |
| enumeration | EX-99.2D HOLDERS RTS |
| enumeration | EX-99.2E DIV REIN PL |
| enumeration | EX-99.2F SUBSID DEBT |
| enumeration | EX-99.2G ADVSR CONTR |
| enumeration | EX-99.2H DISTR CONTR |

| | |
|-------------|-----------------------|
| enumeration | EX-99.2I O&D BENEFITS |
| enumeration | EX-99.2J CUST CONTR |
| enumeration | EX-99.2K OTH CONTRCT |
| enumeration | EX-99.2L OPIN COUNSL |
| enumeration | EX-99.2M CNSNT SRVCE |
| enumeration | EX-99.2N OTH CONSENT |
| enumeration | EX-99.2O OTH FIN ST |
| enumeration | EX-99.2P STOCK LTR |
| enumeration | EX-99.2Q RETRMT PLAN |
| enumeration | EX-99.2R CODE ETH |
| enumeration | EX-99.3 OTHER FIN ST |
| enumeration | EX-99.3 VOTING TRUST |
| enumeration | EX-99.4 ACQ AGREEMNT |
| enumeration | EX-99.4 UNREG ISSUER |
| enumeration | EX-99.5 HOLDERS RTS |
| enumeration | EX-99.6 ADVSER CONTR |
| enumeration | EX-99.7 DISTR CONTR |
| enumeration | EX-99.77B ACCT LTTR |
| enumeration | EX-99.77C VOTES |
| enumeration | EX-99.77D POLICIES |
| enumeration | EX-99.77E LEGAL |
| enumeration | EX-99.77F CHNG DEBT |
| enumeration | EX-99.77G DEFAULTS |
| enumeration | EX-99.77H CHNG CNTRL |
| enumeration | EX-99.77I NEW SECUR |
| enumeration | EX-99.77J REVALUATN |
| enumeration | EX-99.77K CHNG ACCNT |
| enumeration | EX-99.77L NEW ACCTNG |
| enumeration | EX-99.77M MERGERS |
| enumeration | EX-99.77N RULE 2A-7 |
| enumeration | EX-99.77O RULE 10F-3 |
| enumeration | EX-99.77P EXMPT INFO |
| enumeration | EX-99.77Q1 OTHR EXHB |
| enumeration | EX-99.77Q2 ITEM 405 |
| enumeration | EX-99.8 O&D BENEFITS |
| enumeration | EX-99.9 CUST CONTRCT |
| enumeration | EX-99.906 CERT |
| enumeration | EX-99.a BD-DIR-RESOL |
| enumeration | EX-99.a CHARTER |
| enumeration | EX-99.A1 INDNTR ORGN |
| enumeration | EX-99.A10 PERIODC PP |
| enumeration | EX-99.A11 CODE ETH |
| enumeration | EX-99.A2 INDNTR PMT |
| enumeration | EX-99.A3A DIST CONTR |
| enumeration | EX-99.A3B DEALER AGR |
| enumeration | EX-99.A3C SCH COMMIS |

| | |
|-------------|----------------------|
| enumeration | EX-99.A4 OTHER AGRMT |
| enumeration | EX-99.A5 FORM/SECRTY |
| enumeration | EX-99.A6 CERT/BYLAWS |
| enumeration | EX-99.A7 INSR POLICY |
| enumeration | EX-99.A8 DEPOSIT AGR |
| enumeration | EX-99.A9 OTHER CONTR |
| enumeration | EX-99.b BYLAWS |
| enumeration | EX-99.b CUST-AGRMETS |
| enumeration | EX-99.B1 NOTIC/SHLDR |
| enumeration | EX-99.B2 ANRPT/SHLDR |
| enumeration | EX-99.c HOLDERS RTS |
| enumeration | EX-99.c UNDER CONTRT |
| enumeration | EX-99.C1 ACCT CONSNT |
| enumeration | EX-99.C2 EVAL CONSNT |
| enumeration | EX-99.C3 RTG AGY OPN |
| enumeration | EX-99.C4 TAX OPINION |
| enumeration | EX-99.C5 REV RULING |
| enumeration | EX-99.C6 OTHER OPIN |
| enumeration | EX-99.CERT |
| enumeration | EX-99.CODE ETH |
| enumeration | EX-99.d ADVSR CONTR |
| enumeration | EX-99.d CONTRACTS |
| enumeration | EX-99.e APPLICATIONS |
| enumeration | EX-99.e UNDR CONTR |
| enumeration | EX-99.f BONUS PROFIT |
| enumeration | EX-99.f DEP CERT/BYL |
| enumeration | EX-99.g CUST AGREEMT |
| enumeration | EX-99.g REINS CONTRT |
| enumeration | EX-99.h OTH MAT CONT |
| enumeration | EX-99.h PARTIC AGREE |
| enumeration | EX-99.i ADMIN CONTRT |
| enumeration | EX-99.i LEGAL OPININ |
| enumeration | EX-99.j OTH MAT CONT |
| enumeration | EX-99.j OTHER OPININ |
| enumeration | EX-99.k LEGAL OPININ |
| enumeration | EX-99.k OMT FIN STAT |
| enumeration | EX-99.l ACTUARIAL OP |
| enumeration | EX-99.l INT CAP AGRE |
| enumeration | EX-99.m 12B-1 PLAN |
| enumeration | EX-99.m CALCULATION |
| enumeration | EX-99.n 18F-3 PLAN |
| enumeration | EX-99.n OTH OPINIONS |
| enumeration | EX-99.o OMITD FIN ST |
| enumeration | EX-99.p CODE ETH |
| enumeration | EX-99.p INIT CAP AGR |
| enumeration | EX-99.q REDEEM EXEMP |

| | |
|------------|--|
| | enumeration EX-99.Rule23C1 enumeration GRAPHIC |
| annotation | documentation Enter the type of this document. Select a value from the list displayed when the arrow is selected. Type any additional characters in the field to accurately specify a valid EDGAR document type. |
| source | <pre><xs:simpleType name="BASE_DOCUMENT_TYPE"> <xs:annotation> <xs:documentation>Enter the type of this document. Select a value from the list displayed when the arrow is selected. Type any additional characters in the field to accurately specify a valid EDGAR document type.</xs:documentation> </xs:annotation> <xs:restriction base="xs:token"> <xs:enumeration value="CORRESP"/> <xs:enumeration value="COVER"/> <xs:enumeration value="EU-1"/> <xs:enumeration value="EX-1"/> <xs:enumeration value="EX-10"/> <xs:enumeration value="EX-100.CAL"/> <xs:enumeration value="EX-100.DEF"/> <xs:enumeration value="EX-100.INS"/> <xs:enumeration value="EX-100.LAB"/> <xs:enumeration value="EX-100.PRE"/> <xs:enumeration value="EX-100.REF"/> <xs:enumeration value="EX-100.SCH"/> <xs:enumeration value="EX-101.CAL"/> <xs:enumeration value="EX-101.DEF"/> <xs:enumeration value="EX-101.INS"/> <xs:enumeration value="EX-101.LAB"/> <xs:enumeration value="EX-101.PRE"/> <xs:enumeration value="EX-101.REF"/> <xs:enumeration value="EX-101.SCH"/> <xs:enumeration value="EX-11"/> <xs:enumeration value="EX-12"/> <xs:enumeration value="EX-13"/> <xs:enumeration value="EX-14"/> <xs:enumeration value="EX-15"/> <xs:enumeration value="EX-16"/> <xs:enumeration value="EX-17"/> <xs:enumeration value="EX-18"/> <xs:enumeration value="EX-19"/> <xs:enumeration value="EX-2"/> <xs:enumeration value="EX-20"/> <xs:enumeration value="EX-21"/> <xs:enumeration value="EX-22"/> <xs:enumeration value="EX-23"/> <xs:enumeration value="EX-24"/> <xs:enumeration value="EX-25"/> <xs:enumeration value="EX-25/A"/> <xs:enumeration value="EX-26"/> <xs:enumeration value="EX-3"/> <xs:enumeration value="EX-31"/> <xs:enumeration value="EX-32"/> <xs:enumeration value="EX-33"/> <xs:enumeration value="EX-34"/> <xs:enumeration value="EX-35"/> <xs:enumeration value="EX-4"/> </xs:restriction> </xs:simpleType></pre> |

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```
<xs:enumeration value="EX-5"/>
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<xs:enumeration value="EX-8"/>
<xs:enumeration value="EX-9"/>
<xs:enumeration value="EX-95"/>
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<xs:enumeration value="EX-99.10 12B1 PLAN"/>
<xs:enumeration value="EX-99.11 OPIN COUNSL"/>
<xs:enumeration value="EX-99.12 REV RULING"/>
<xs:enumeration value="EX-99.12 TAX OPINION"/>
<xs:enumeration value="EX-99.13 OTH CONTRCT"/>
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<xs:enumeration value="EX-99.15 OTH FIN ST"/>
<xs:enumeration value="EX-99.16 PWR OF ATTY"/>
<xs:enumeration value="EX-99.17 (as approp)"/>
<xs:enumeration value="EX-99.2 BYLAWS"/>
<xs:enumeration value="EX-99.2 OPIN COUNSEL"/>
<xs:enumeration value="EX-99.2A CHARTER"/>
<xs:enumeration value="EX-99.2B BYLAWS"/>
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<xs:enumeration value="EX-99.2G ADVSR CONTR"/>
<xs:enumeration value="EX-99.2H DISTR CONTR"/>
<xs:enumeration value="EX-99.2I O&D BENEFITS"/>
<xs:enumeration value="EX-99.2J CUST CONTR"/>
<xs:enumeration value="EX-99.2K OTH CONTRCT"/>
<xs:enumeration value="EX-99.2L OPIN COUNSL"/>
<xs:enumeration value="EX-99.2M CNSNT SRVCE"/>
<xs:enumeration value="EX-99.2N OTH CONSENT"/>
<xs:enumeration value="EX-99.2O OTH FIN ST"/>
<xs:enumeration value="EX-99.2P STOCK LTR"/>
<xs:enumeration value="EX-99.2Q RETRMT PLAN"/>
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<xs:enumeration value="EX-99.4 ACQ AGREEMNT"/>
<xs:enumeration value="EX-99.4 UNREG ISSUER"/>
<xs:enumeration value="EX-99.5 HOLDERS RTS"/>
<xs:enumeration value="EX-99.6 ADVSER CONTR"/>
<xs:enumeration value="EX-99.7 DISTR CONTR"/>
<xs:enumeration value="EX-99.77B ACCT LTTR"/>
<xs:enumeration value="EX-99.77C VOTES"/>
<xs:enumeration value="EX-99.77D POLICIES"/>
<xs:enumeration value="EX-99.77E LEGAL"/>
<xs:enumeration value="EX-99.77F CHNG DEBT"/>
<xs:enumeration value="EX-99.77G DEFAULTS"/>
<xs:enumeration value="EX-99.77H CHNG CNTRL"/>
<xs:enumeration value="EX-99.77I NEW SECUR"/>
<xs:enumeration value="EX-99.77J REVALUATN"/>
<xs:enumeration value="EX-99.77K CHNG ACCNT"/>
<xs:enumeration value="EX-99.77L NEW ACCTNG"/>
<xs:enumeration value="EX-99.77M MERGERS"/>
<xs:enumeration value="EX-99.77N RULE 2A-7"/>
```

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```
<xs:enumeration value="EX-99.77O RULE 10F-3"/>
<xs:enumeration value="EX-99.77P EXMPT INFO"/>
<xs:enumeration value="EX-99.77Q1 OTHR EXHB"/>
<xs:enumeration value="EX-99.77Q2 ITEM 405"/>
<xs:enumeration value="EX-99.8 O&D BENEFITS"/>
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<xs:enumeration value="EX-99.a BD-DIR-RESOL"/>
<xs:enumeration value="EX-99.a CHARTER"/>
<xs:enumeration value="EX-99.A1 INDNTR ORGN"/>
<xs:enumeration value="EX-99.A10 PERIODC PP"/>
<xs:enumeration value="EX-99.A11 CODE ETH"/>
<xs:enumeration value="EX-99.A2 INDNTR PMT"/>
<xs:enumeration value="EX-99.A3A DIST CONTR"/>
<xs:enumeration value="EX-99.A3B DEALER AGR"/>
<xs:enumeration value="EX-99.A3C SCH COMMIS"/>
<xs:enumeration value="EX-99.A4 OTHER AGRMT"/>
<xs:enumeration value="EX-99.A5 FORM/SECRTY"/>
<xs:enumeration value="EX-99.A6 CERT/BYLAWS"/>
<xs:enumeration value="EX-99.A7 INSR POLICY"/>
<xs:enumeration value="EX-99.A8 DEPOSIT AGR"/>
<xs:enumeration value="EX-99.A9 OTHER CONTR"/>
<xs:enumeration value="EX-99.b BYLAWS"/>
<xs:enumeration value="EX-99.b CUST-AGRMETS"/>
<xs:enumeration value="EX-99.B1 NOTIC/SHLDR"/>
<xs:enumeration value="EX-99.B2 ANRPT/SHLDR"/>
<xs:enumeration value="EX-99.c HOLDERS RTS"/>
<xs:enumeration value="EX-99.c UNDER CONTRT"/>
<xs:enumeration value="EX-99.C1 ACCT CONSNT"/>
<xs:enumeration value="EX-99.C2 EVAL CONSNT"/>
<xs:enumeration value="EX-99.C3 RTG AGY OPN"/>
<xs:enumeration value="EX-99.C4 TAX OPINION"/>
<xs:enumeration value="EX-99.C5 REV RULING"/>
<xs:enumeration value="EX-99.C6 OTHER OPIN"/>
<xs:enumeration value="EX-99.CERT"/>
<xs:enumeration value="EX-99.CODE ETH"/>
<xs:enumeration value="EX-99.d ADVSR CONTR"/>
<xs:enumeration value="EX-99.d CONTRACTS"/>
<xs:enumeration value="EX-99.e APPLICATIONS"/>
<xs:enumeration value="EX-99.e UNDR CONTR"/>
<xs:enumeration value="EX-99.f BONUS PROFIT"/>
<xs:enumeration value="EX-99.f DEP CERT/BYL"/>
<xs:enumeration value="EX-99.g CUST AGREEMT"/>
<xs:enumeration value="EX-99.g REINS CONTRT"/>
<xs:enumeration value="EX-99.h OTH MAT CONT"/>
<xs:enumeration value="EX-99.h PARTIC AGREE"/>
<xs:enumeration value="EX-99.i ADMIN CONTRT"/>
<xs:enumeration value="EX-99.i LEGAL OPININ"/>
<xs:enumeration value="EX-99.j OTH MAT CONT"/>
<xs:enumeration value="EX-99.j OTHER OPININ"/>
<xs:enumeration value="EX-99.k LEGAL OPININ"/>
<xs:enumeration value="EX-99.k OMT FIN STAT"/>
<xs:enumeration value="EX-99.I ACTUARIAL OP"/>
<xs:enumeration value="EX-99.I INT CAP AGRE"/>
<xs:enumeration value="EX-99.m 12B-1 PLAN"/>
<xs:enumeration value="EX-99.m CALCULATION"/>
```

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| | |
|--|--|
| | <pre><xs:enumeration value="EX-99.n 18F-3 PLAN"/> <xs:enumeration value="EX-99.n OTH OPINIONS"/> <xs:enumeration value="EX-99.o OMITD FIN ST"/> <xs:enumeration value="EX-99.p CODE ETH"/> <xs:enumeration value="EX-99.p INIT CAP AGR"/> <xs:enumeration value="EX-99.q REDEEM EXEMP"/> <xs:enumeration value="EX-99.Rule23C1"/> <xs:enumeration value="GRAPHIC"/> </xs:restriction> </xs:simpleType></pre> |
|--|--|

simpleType CCC_TYPE

| | |
|------------|---|
| namespace | http://www.sec.gov/edgar/common |
| type | restriction of xs:string |
| used by | element MODULE_SEGMENT_TYPE/ccc |
| facets | Kind Value annotation length 8 |
| annotation | documentation Your CIK confirmation code [CCC]. Field is 8 characters, at least one of which must be a numeral and at least one must be a @, #, \$, or *; case-sensitive. |
| source | <pre><xs:simpleType name="CCC_TYPE"> <xs:annotation> <xs:documentation>Your CIK confirmation code [CCC]. Field is 8 characters, at least one of which must be a numeral and at least one must be a @, #, \$, or *; case- sensitive.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="8"/> </xs:restriction> </xs:simpleType></pre> |

simpleType CIK_TYPE

| | |
|------------|--|
| namespace | http://www.sec.gov/edgar/common |
| type | restriction of xs:string |
| used by | elements MODULE_SEGMENT_TYPE/cik DEPOSITOR_TYPE/depositorId |
| facets | Kind Value annotation pattern \d{1,10} |
| annotation | documentation SEC supplied CIK for the Filer. Enter up to 10 numeric characters. When fewer than 10 characters are entered, the field will be pre filled with zeroes. |
| source | <pre><xs:simpleType name="CIK_TYPE"> <xs:annotation> <xs:documentation>SEC supplied CIK for the Filer. Enter up to 10 numeric characters. When fewer than 10 characters are entered, the field will be pre filled with zeroes.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:pattern value="\d{1,10}"/> </xs:restriction> </xs:simpleType></pre> |

simpleType CONTACT_NAME_TYPE

| | | | |
|------------|---|-----------------------------------|------------|
| namespace | http://www.sec.gov/edgar/common | | |
| type | restriction of xs:string | | |
| used by | element | CONTACT_TYPE/name | |
| facets | Kind | Value | annotation |
| | minLength | 1 | |
| | maxLength | 30 | |
| annotation | documentation Identifies a person to contact if there are questions about the submission (field up to 30 characters). | | |
| source | <pre><xs:simpleType name="CONTACT_NAME_TYPE"> <xs:annotation> <xs:documentation>Identifies a person to contact if there are questions about the submission (field up to 30 characters).</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="30"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType CONTACT_PHONE_TYPE

| | | | |
|------------|--|--|------------|
| namespace | http://www.sec.gov/edgar/common | | |
| type | restriction of xs:string | | |
| used by | element | CONTACT_TYPE/phoneNumber | |
| facets | Kind | Value | annotation |
| | minLength | 1 | |
| | maxLength | 20 | |
| | pattern | [a-zA-Z0-9\-\-]{1,20} | |
| annotation | documentation Phone number of the contact person;maximum value size is 20 alphanumeric characters. Hyphens may be included to improve readability. | | |
| source | <pre><xs:simpleType name="CONTACT_PHONE_TYPE"> <xs:annotation> <xs:documentation> Phone number of the contact person;maximum value size is 20 alphanumeric characters. Hyphens may be included to improve readability.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="20"/> <xs:pattern value="[a-zA-Z0-9\-\-]{1,20}"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType DATE_TYPE

| | | | |
|-----------|---|-----------------------|------------|
| namespace | http://www.sec.gov/edgar/common | | |
| type | restriction of xs:string | | |
| facets | Kind | Value | annotation |
| | pattern | \d{1,2}-\d{1,2}-\d{4} | |
| source | <pre><xs:simpleType name="DATE_TYPE"></pre> | | |

| | |
|--|---|
| | <pre><xs:restriction base="xs:string"> <xs:pattern value="\d{1,2}-\d{1,2}-\d{4}"/> </xs:restriction> </xs:simpleType></pre> |
|--|---|

simpleType **DECIMAL_TYPE14_2**

| | | | |
|-----------|--|-----------|------------|
| namespace | http://www.sec.gov/edgar/common | | |
| type | restriction of xs:decimal | | |
| facets | Kind | Value | annotation |
| | totalDigits | 14 | |
| | fractionDigits | 2 | |
| | pattern | \d*\.\d\d | |
| source | <pre><xs:simpleType name="DECIMAL_TYPE14_2"> <xs:restriction base="xs:decimal"> <xs:totalDigits value="14"/> <xs:fractionDigits value="2"/> <xs:pattern value="\d*\.\d\d"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType **DECIMAL_TYPE15_3**

| | | | |
|-----------|--|-------------|------------|
| namespace | http://www.sec.gov/edgar/common | | |
| type | restriction of xs:decimal | | |
| facets | Kind | Value | annotation |
| | totalDigits | 15 | |
| | fractionDigits | 3 | |
| | pattern | \d*\.\d\d\d | |
| source | <pre><xs:simpleType name="DECIMAL_TYPE15_3"> <xs:restriction base="xs:decimal"> <xs:totalDigits value="15"/> <xs:fractionDigits value="3"/> <xs:pattern value="\d*\.\d\d\d"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType **DECIMAL_TYPE16_4**

| | | | |
|-----------|---|---------------|------------|
| namespace | http://www.sec.gov/edgar/common | | |
| type | restriction of xs:decimal | | |
| facets | Kind | Value | annotation |
| | totalDigits | 16 | |
| | fractionDigits | 4 | |
| | pattern | \d*\.\d\d\d\d | |
| source | <pre><xs:simpleType name="DECIMAL_TYPE16_4"> <xs:restriction base="xs:decimal"> <xs:totalDigits value="16"/> <xs:fractionDigits value="4"/> <xs:pattern value="\d*\.\d\d\d\d"/> </xs:restriction></pre> | | |

| | |
|--|-------------------------------------|
| | <code></xs:simpleType></code> |
|--|-------------------------------------|

simpleType **DEPOSITORY_TYPE**

| namespace | http://www.sec.gov/edgar/common | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|----|--|
| type | restriction of xs:string | | | | | | | | | |
| facets | <table><tr><th>Kind</th><th>Value</th><th>annotation</th></tr><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>50</td><td></td></tr></table> | Kind | Value | annotation | minLength | 1 | | maxLength | 50 | |
| Kind | Value | annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 50 | | | | | | | | | |
| annotation | documentation The name of the depository bank (field up to 50 characters). | | | | | | | | | |
| source | <xs:simpleType name="DEPOSITORY_TYPE"> <xs:annotation> <xs:documentation>The name of the depository bank (field up to 50 characters).</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="50"/> </xs:restriction> </xs:simpleType> | | | | | | | | | |

simpleType **DOCUMENT_DESCRIPTION_TYPE**

| | | | |
|------------|---|---|------------|
| namespace | http://www.sec.gov/edgar/common | | |
| type | restriction of xs:string | | |
| used by | element | EDGAR_DOCUMENT_TYPE/description | |
| facets | Kind | Value | annotation |
| | minLength | 1 | |
| | maxLength | 255 | |
| annotation | documentation An optional field offering you the opportunity to describe the attached document. Field is up to 255 characters. | | |
| source | <pre><xs:simpleType name="DOCUMENT_DESCRIPTION_TYPE"> <xs:annotation> <xs:documentation>An optional field offering you the opportunity to describe the attached document. Field is up to 255 characters.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType **DOCUMENT_MIME_BLOCK_TYPE**

| | | | |
|-----------|--|--|------------|
| namespace | http://www.sec.gov/edgar/common | | |
| type | restriction of xs:string | | |
| used by | element | EDGAR_DOCUMENT_TYPE/contents | |
| facets | Kind | Value | annotation |
| | minLength | 1 | |
| source | <xs:simpleType name="DOCUMENT_MIME_BLOCK_TYPE"> <xs:restriction base="xs:string"> <xs:minLength value="1"/> </xs:restriction> </xs:simpleType> | | |

| | |
|--|---|
| | <code></xs:restriction></code> <code></xs:simpleType></code> |
|--|---|

simpleType **DOCUMENT_NAME_TYPE**

| | | |
|------------|--|--|
| namespace | http://www.sec.gov/edgar/common | |
| type | restriction of xs:string | |
| used by | element | EDGAR_DOCUMENT_TYPE/conformedName |
| facets | Kind | Value |
| | minLength | 1 |
| | maxLength | 32 |
| | pattern | <code>(([a-zA-Z0-9]+[w\._\-\-]) ([hH][tT][mM]) ([tT][xX][tT]) ([pP][dD][fF]) ([xX][mM][lL]) ([jJ][pP][gG]) ([gG][iI][fF]) ([fF][iI][L]) ([xX][sS][dD]))</code> |
| annotation | <p>documentation</p> <p>Read-only field displaying the name of an attached document.</p> <p>documentation</p> <p>File names must be upper or lower case and no longer than thirty-two (32) characters in length. The names must start with a letter (a-z) or a number and may contain numbers (0-9) with no spaces. File Names may contain any number of periods (.), hyphens (-), and underscore () characters and must end with *.htm, *.txt, *.pdf, *.fil, *.jpg, *.gif, *.xml or *.xsd extensions.</p> | |
| source | <pre> <xs:simpleType name="DOCUMENT_NAME_TYPE"> <xs:annotation> <xs:documentation>Read-only field displaying the name of an attached document.</xs:documentation> </xs:documentation> <xs:documentation>File names must be upper or lower case and no longer than thirty-two (32) characters in length. The names must start with a letter (a-z) or a number and may contain numbers (0-9) with no spaces. File Names may contain any number of periods (.), hyphens (-), and underscore () characters and must end with *.htm, *.txt, *.pdf, *.fil, *.jpg, *.gif, *.xml or *.xsd extensions. </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="32"/> <xs:pattern value="([a-zA-Z0-9]+[w\._\-\-]]*)([hH][tT][mM]) ([tT][xX][tT]) ([pP][dD][fF]) ([xX][mM][lL]) ([jJ][pP][gG]) ([gG][iI][fF]) ([fF][iI][L]) ([xX][sS][dD]))"/> </xs:restriction> </xs:simpleType> </pre> | |

annotation

simpleType **DOCUMENT_TYPE**

| | |
|-----------|--|
| namespace | http://www.sec.gov/edgar/common |
| type | union of (BASE_DOCUMENT_TYPE , OPEN_DOCUMENT_TYPE) |

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| | |
|------------|---|
| used by | simpleTypes MODULE_SEGMENT_FORM_TYPE_SUB_DOCUMENT_TYPE |
| annotation | documentation Enter the type of this document. Select a value from the list displayed when the arrow is selected. Type any additional characters in the field to accurately specify a valid EDGAR document type. |
| source | <xs:simpleType name="DOCUMENT_TYPE"> <xs:annotation> <xs:documentation>Enter the type of this document. Select a value from the list displayed when the arrow is selected. Type any additional characters in the field to accurately specify a valid EDGAR document type.</xs:documentation> </xs:annotation> <xs:union memberTypes="BASE_DOCUMENT_TYPE OPEN_DOCUMENT_TYPE"/> </xs:simpleType> |

simpleType ENTITY_NAME_TYPE

| | | | |
|------------|--|--------------------------------------|------------|
| namespace | http://www.sec.gov/edgar/common | | |
| type | restriction of xs:string | | |
| facets | Kind | Value | annotation |
| | minLength | 1 | |
| | maxLength | 150 | |
| | pattern | ([\\w\\s!\\#\$(),.,:;=@`\\-{} /&+;]) | |
| annotation | documentation A Company Name can be up to 150 characters. | | |
| source | <xs:simpleType name="ENTITY_NAME_TYPE"> <xs:annotation> <xs:documentation>A Company Name can be up to 150 characters.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="150"/> <xs:pattern value="([\\w\\s!\\#\$(),.,:;=@`\\-{} /&+;])"/> </xs:restriction> </xs:simpleType> | | |

simpleType FILE_NUMBER_TYPE

| | | | |
|------------|---|--|------------|
| namespace | http://www.sec.gov/edgar/common | | |
| type | restriction of xs:string | | |
| used by | element | DEPOSITOR_TYPE/depositorFileNumber | |
| | simpleType | FILE_NUMBER_TYPE_2 | |
| facets | Kind | Value | annotation |
| | pattern | \d{1,3}-\d{1,8}-[a-zA-Z0-9]{1,4}\d{1,3}-\d{1,8} | |
| annotation | documentation | | |
| | | Your SEC-supplied file number. Required for amendments to 1933 Act registration statements and with specific form types listed in Section 1. Field is up to 17 characters, and only one file number for each registrant. | |
| | documentation | | |
| | | The prefix may contain 1-3 digits, the sequence number may contain 1-8 digits, the optional suffix may contain 1-4 characters, and the fields are separated with a hyphen. | |
| | documentation | | |
| | | Sample value: 333-00000-1. | |
| | documentation | | |
| | | Valid prefixes for this submission type are 002-, 033-, and 333-. | |
| source | <xs:simpleType name="FILE_NUMBER_TYPE"> | | |

```
<xs:annotation>
  <xs:documentation>Your SEC-supplied file number. Required for amendments to 1933
  Act registration statements and with specific form types. Field is up to 17 characters, and
  only one file number for each registrant.</xs:documentation>
  <xs:documentation/>
  <xs:documentation>The prefix may contain 1-3 digits, the sequence number may contain
  1-8 digits, the optional suffix may contain 1-4 characters, and the fields are separated with a
  hyphen.</xs:documentation>
  <xs:documentation>Sample value: 333-00000-1.</xs:documentation>
  <xs:documentation/>
  <xs:documentation>Valid prefixes for this submission type are 002-, 033-, and 333-
  .</xs:documentation>
</xs:annotation>
<xs:restriction base="xs:string">
  <xs:pattern value="\d{1,3}-\d{1,8}-[a-zA-Z0-9]{1,4}|\d{1,3}-\d{1,8}"/>
</xs:restriction>
</xs:simpleType>
```

simpleType **FILE_NUMBER_TYPE_2**

| | |
|------------|---|
| namespace | http://www.sec.gov/edgar/common |
| type | union of (FILE_NUMBER_TYPE , NEW_FILE_NUM_TYPE) |
| annotation | <p>documentation</p> <p>Your SEC-supplied file number. Required for amendments to 1933 Act registration statements and with specific form types listed in Appendix B. Field is up to 17 characters, and only one file number for each registrant.</p> <p>documentation</p> <p>The prefix may contain 1-3 digits, the sequence number may contain 1-8 digits, the optional suffix may contain 1-4 characters, and the fields are separated with a hyphen. Sample value: 333-00000-1.</p> |
| source | <pre> <xs:simpleType name="FILE_NUMBER_TYPE_2"> <xs:annotation> <xs:documentation>Your SEC-supplied file number. Required for amendments to 1933 Act registration statements and with specific form types listed. Field is up to 17 characters, and only one file number for each registrant.</xs:documentation> <xs:documentation/> <xs:documentation>The prefix may contain 1-3 digits, the sequence number may contain 1-8 digits, the optional suffix may contain 1-4 characters, and the fields are separated with a hyphen. Sample value: 333-00000-1.</xs:documentation> </xs:annotation> <xs:union memberTypes="FILE_NUMBER_TYPE NEW_FILE_NUM_TYPE"/> </xs:simpleType> </pre> |

simpleType **INTERNET_ADDRESS_TYPE**

| | | | |
|------------|--|---|------------|
| namespace | http://www.sec.gov/edgar/common | | |
| type | restriction of xs:string | | |
| used by | element | NOTIFICATION_TYPE/internetNotificationAddress | |
| facets | Kind | Value | annotation |
| | minLength | 4 | |
| | maxLength | 80 | |
| | pattern | ([a-zA-Z0-9_\\-\\.]+)@((\\[[0-9]{1,3}\\.[0-9]{1,3}\\.[0-9]{1,3}\\.)(([a-zA-Z0-9\\-\\.]+\\.)+))([a-zA-Z]{2,7} [0-9]{1,3})(\\ ?) | |
| annotation | documentation New EDGAR contact Internet identification. Field must be in standard Internet address format, including exactly one "@" character, at least one "." after the "@", one or more EDGAR acceptable characters before the "@" and one or more acceptable EDGAR characters before and after each existing "." Address may be up to 80 characters long. | | |

| | |
|--------|--|
| source | <pre><xs:simpleType name="INTERNET_ADDRESS_TYPE"> <xs:annotation> <xs:documentation>New EDGAR contact Internet identification. Field must be in standard Internet address format, including exactly one "@" character, at least one "." after the "@", one or more EDGAR acceptable characters before the "@" and one or more acceptable EDGAR characters before and after each existing "." Address may be up to 80 characters long.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="80"/> <xs:minLength value="4"/> <xs:pattern value="([a-zA-Z0-9_\-\.]+)@((\[[0-9]{1,3}\.?[0-9]{1,3}\.?[0-9]{1,3}\.?) ([a-zA-Z0-9\]+\.)+))([a-zA-Z]{2,7} \[0-9]{1,3})\(\)?"/> </xs:restriction> </xs:simpleType></pre> |
|--------|--|

simpleType INV_COMPANY_TYPE

| | | | |
|------------|---|---|------------|
| namespace | http://www.sec.gov/edgar/common | | |
| type | restriction of xs:string | | |
| used by | element | INVESTMENT_COMPANY_TYPE/invCompanyType | |
| facets | Kind | Value | annotation |
| | enumeration | N-1A | |
| | enumeration | N-1 | |
| | enumeration | N-2 | |
| | enumeration | N-3 | |
| | enumeration | N-4 | |
| | enumeration | N-5 | |
| | enumeration | N-6 | |
| | enumeration | S-1 or S-3 | |
| | enumeration | S-6 | |
| annotation | documentation | Identifies the investment company type of the acquiring company. Choose a value from the list displayed when the arrow is selected. | |
| source | <pre><xs:simpleType name="INV_COMPANY_TYPE"> <xs:annotation> <xs:documentation>Identifies the investment company type of the acquiring company. Choose a value from the list displayed when the arrow is selected.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="N-1A"/> <xs:enumeration value="N-1"/> <xs:enumeration value="N-2"/> <xs:enumeration value="N-3"/> <xs:enumeration value="N-4"/> <xs:enumeration value="N-5"/> <xs:enumeration value="N-6"/> <xs:enumeration value="S-1 or S-3"/> <xs:enumeration value="S-6"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType LIVE_TEST_TYPE

| | | | |
|------------|--|-------|------------|
| namespace | http://www.sec.gov/edgar/common | | |
| type | restriction of xs:string | | |
| facets | Kind | Value | annotation |
| | enumeration | LIVE | |
| | enumeration | TEST | |
| annotation | documentation Marks submission to be treated as a LIVE filing. Unless the "TEST" button is selected, the filing will be treated by EDGAR as a live filing and, if accepted, be disseminated. Submit live filings in LIVE mode if using EDGARLink. A filing with TEST selected cannot be changed into a live filing. | | |
| source | <pre><xs:simpleType name="LIVE_TEST_TYPE"> <xs:annotation> <xs:documentation>Marks submission to be treated as a LIVE filing. Unless the "TEST" button is selected, the filing will be treated by EDGAR as a live filing and, if accepted, be disseminated. Submit live filings in LIVE mode if using EDGARLink. A filing with TEST selected cannot be changed into a live filing. </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="LIVE"/> <xs:enumeration value="TEST"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType MODULE_OR_SEGMENT_FLAG

| | | | |
|------------|--|--|------------|
| namespace | http://www.sec.gov/edgar/common | | |
| type | restriction of xs:string | | |
| used by | element | MODULE_SEGMENT_TYPE/modOrSeqFlag | |
| facets | Kind | Value | annotation |
| | enumeration | M | |
| | enumeration | S | |
| annotation | documentation M: is module. S: is segment | | |
| source | <pre><xs:simpleType name="MODULE_OR_SEGMENT_FLAG"> <xs:annotation> <xs:documentation> M: is module. S: is segment</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="M"/> <xs:enumeration value="S"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType MODULE_SEGMENT_FORM_TYPE

| | |
|-----------|---|
| namespace | http://www.sec.gov/edgar/common |
| type | union of (SUBMISSION_TYPE , DOCUMENT_TYPE) |
| used by | element MODULE_SEGMENT_TYPE/documentType |
| source | <pre><xs:simpleType name="MODULE_SEGMENT_FORM_TYPE"> <xs:union memberTypes="SUBMISSION_TYPE DOCUMENT_TYPE"/> </xs:simpleType></pre> |

simpleType **MODULE_SEGMENT_NAME_TYPE**

| | | | |
|------------|---|--|------------|
| namespace | http://www.sec.gov/edgar/common | | |
| type | restriction of xs:string | | |
| used by | element | MODULE_SEGMENT_TYPE/nickName | |
| facets | Kind | Value | annotation |
| | minLength | 1 | |
| | maxLength | 15 | |
| annotation | documentation Identifies a module or segment name | | |
| source | <pre><xs:simpleType name="MODULE_SEGMENT_NAME_TYPE"> <xs:annotation> <xs:documentation> Identifies a module or segment name</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="15"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType **NEW_FILE_NUM_TYPE**

| | | | |
|------------------------------|--|------------------------------------|------------|
| simpleType NEW_FILE_NUM_TYPE | | | |
| namespace | http://www.sec.gov/edgar/common | | |
| type | restriction of xs:string | | |
| used by | simpleType | FILE_NUMBER_TYPE_2 | |
| facets | Kind | Value | annotation |
| | enumeration | NEW | |
| source | <pre><xs:simpleType name="NEW_FILE_NUM_TYPE"> <xs:restriction base="xs:string"> <xs:enumeration value="NEW"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType **OPEN_DOCUMENT_TYPE**

| | | | |
|-----------|---|-------------------------------|------------|
| namespace | http://www.sec.gov/edgar/common | | |
| type | restriction of xs:string | | |
| used by | simpleType | DOCUMENT_TYPE | |
| facets | Kind | Value | annotation |
| | minLength | 4 | |
| | maxLength | 128 | |
| source | <pre><xs:simpleType name="OPEN_DOCUMENT_TYPE"> <xs:restriction base="xs:string"> <xs:minLength value="4"/> <xs:maxLength value="128"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType **RPT_OWNER_RELATIONSHIP_TYPE**

| | |
|-----------|---------------------------------|
| namespace | http://www.sec.gov/edgar/common |
|-----------|---------------------------------|

| | | | |
|--------|---|----------|------------|
| type | restriction of xs:string | | |
| facets | Kind | Value | annotation |
| | enumeration | DIRECTOR | |
| | enumeration | OFFICER | |
| | enumeration | OWNER | |
| | enumeration | OTHER | |
| source | <pre><xs:simpleType name="RPT_OWNER_RELATIONSHIP_TYPE"> <xs:restriction base="xs:string"> <xs:enumeration value="DIRECTOR"/> <xs:enumeration value="OFFICER"/> <xs:enumeration value="OWNER"/> <xs:enumeration value="OTHER"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType SCHEMA_VERSION_TYPE

| | | | | | | | |
|------------|--|------------|-------|------------|--------|---|--|
| namespace | http://www.sec.gov/edgar/common | | | | | | |
| type | restriction of xs:string | | | | | | |
| facets | <table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>length</td><td>5</td><td></td></tr></table> | Kind | Value | annotation | length | 5 | |
| Kind | Value | annotation | | | | | |
| length | 5 | | | | | | |
| annotation | <p>documentation</p> <p>The schema version element applies only to the submission's primary document. It does not apply to the submission file. This element should not be included in a Reduced Content submission. EDGAR inserts this element in the version of the primary document that gets disseminated. If you do provide a value for this element and it does not match the current version of this schema file being used by EDGAR, then EDGAR will generate a WARNING.</p> | | | | | | |
| source | <pre><xs:simpleType name="SCHEMA_VERSION_TYPE"> <xs:annotation> <xs:documentation> The schema version element applies only to the submission's primary document. It does not apply to the submission file. This element should not be included in a Reduced Content submission. EDGAR inserts this element in the version of the primary document that gets disseminated. If you do provide a value for this element and it does not match the current version of this schema file being used by EDGAR, then EDGAR will generate a WARNING. </xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="5"/> </xs:restriction> </xs:simpleType></pre> | | | | | | |

simpleType SRO_TYPE

| | | | |
|-----------|---------------------------------|---------------------------------|------------|
| namespace | http://www.sec.gov/edgar/common | | |
| type | restriction of xs:string | | |
| used by | element | SROS_TYPE/srold | |
| facets | Kind | Value | annotation |
| | enumeration | NONE | |
| | enumeration | AMEX | |
| | enumeration | ARCA | |
| | enumeration | BSE | |
| | enumeration | CBOE | |

| | |
|------------|--|
| | enumeration CHX enumeration FINRA enumeration ISE enumeration NASD enumeration NSX enumeration NYSE enumeration PCX enumeration PHLX enumeration |
| annotation | documentation Identifies one or more stock exchanges or other self-regulatory organizations on which the issuer's securities are listed or traded. Choose values from the list displayed. documentation If none applies, select the value "NONE". |
| source | <pre><xs:simpleType name="SRO_TYPE"> <xs:annotation> <xs:documentation>Identifies one or more stock exchanges or other self-regulatory organizations on which the issuer's securities are listed or traded. Choose values from the list displayed.</xs:documentation> <xs:documentation/> <xs:documentation>If none applies, select the value "NONE".</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="NONE"/> <xs:enumeration value="AMEX"/> <xs:enumeration value="ARCA"/> <xs:enumeration value="BSE"/> <xs:enumeration value="CBOE"/> <xs:enumeration value="CHX"/> <xs:enumeration value="FINRA"/> <xs:enumeration value="ISE"/> <xs:enumeration value="NASD"/> <xs:enumeration value="NSX"/> <xs:enumeration value="NYSE"/> <xs:enumeration value="PCX"/> <xs:enumeration value="PHLX"/> <xs:enumeration value=""/> </xs:restriction> </xs:simpleType></pre> |

simpleType **SUB_DOCUMENT_TYPE**

| | |
|-----------|--|
| namespace | http://www.sec.gov/edgar/common |
| type | union of (SUBMISSION_TYPE , DOCUMENT_TYPE) |
| used by | element EDGAR_DOCUMENT_TYPE/conformedDocumentType |
| source | <pre><xs:simpleType name="SUB_DOCUMENT_TYPE"> <xs:union memberTypes="SUBMISSION_TYPE DOCUMENT_TYPE"/> </xs:simpleType></pre> |

simpleType **SUBMISSION_TYPE**

| | |
|-----------|---------------------------------|
| namespace | http://www.sec.gov/edgar/common |
| type | restriction of xs:token |

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| used by | simpleTypes | MODULE | SEGMENT | FORM | TYPE | SUB | DOCUMENT | TYPE |
|---------|-------------|------------------------|-------------------------|----------------------|----------------------|---------------------|--------------------------|----------------------|
| facets | Kind | Value | | | annotation | | | |
| | enumeration | 10-12B | | | | | | |
| | enumeration | 10-12B/A | | | | | | |
| | enumeration | 10-12G | | | | | | |
| | enumeration | 10-12G/A | | | | | | |
| | enumeration | 10-D | | | | | | |
| | enumeration | 10-D/A | | | | | | |
| | enumeration | 10-K | | | | | | |
| | enumeration | 10-K/A | | | | | | |
| | enumeration | 10KSB | | | | | | |
| | enumeration | 10KSB/A | | | | | | |
| | enumeration | 10-KT | | | | | | |
| | enumeration | 10-KT/A | | | | | | |
| | enumeration | 10-Q | | | | | | |
| | enumeration | 10-Q/A | | | | | | |
| | enumeration | 10-QT | | | | | | |
| | enumeration | 10-QT/A | | | | | | |
| | enumeration | 11-K | | | | | | |
| | enumeration | 11-K/A | | | | | | |
| | enumeration | 11-KT | | | | | | |
| | enumeration | 11-KT/A | | | | | | |
| | enumeration | 13F-HR | | | | | | |
| | enumeration | 13F-HR/A | | | | | | |
| | enumeration | 13F-NT | | | | | | |
| | enumeration | 13F-NT/A | | | | | | |
| | enumeration | 144 | | | | | | |
| | enumeration | 144/A | | | | | | |
| | enumeration | 15-12B | | | | | | |
| | enumeration | 15-12B/A | | | | | | |
| | enumeration | 15-12G | | | | | | |
| | enumeration | 15-12G/A | | | | | | |
| | enumeration | 15-15D | | | | | | |
| | enumeration | 15-15D/A | | | | | | |
| | enumeration | 15F-12B | | | | | | |
| | enumeration | 15F-12B/A | | | | | | |
| | enumeration | 15F-12G | | | | | | |
| | enumeration | 15F-12G/A | | | | | | |
| | enumeration | 15F-15D | | | | | | |
| | enumeration | 15F-15D/A | | | | | | |
| | enumeration | 18-12B | | | | | | |
| | enumeration | 18-12B/A | | | | | | |
| | enumeration | 18-12G | | | | | | |
| | enumeration | 18-12G/A | | | | | | |
| | enumeration | 18-K | | | | | | |
| | enumeration | 18-K/A | | | | | | |

| | |
|-------------|------------|
| enumeration | 1-E AD |
| enumeration | 1-E AD/A |
| enumeration | 1-E |
| enumeration | 1-E/A |
| enumeration | 20-F |
| enumeration | 20-F/A |
| enumeration | 20FR12B |
| enumeration | 20FR12B/A |
| enumeration | 20FR12G |
| enumeration | 20FR12G/A |
| enumeration | 24F-2NT |
| enumeration | 24F-2NT/A |
| enumeration | 25 |
| enumeration | 25/A |
| enumeration | 2-E |
| enumeration | 2-E/A |
| enumeration | 305B2 |
| enumeration | 305B2/A |
| enumeration | 40-17F1 |
| enumeration | 40-17F1/A |
| enumeration | 40-17F2 |
| enumeration | 40-17F2/A |
| enumeration | 40-17G |
| enumeration | 40-17G/A |
| enumeration | 40-17GCS |
| enumeration | 40-17GCS/A |
| enumeration | 40-24B2 |
| enumeration | 40-24B2/A |
| enumeration | 40-33 |
| enumeration | 40-33/A |
| enumeration | 40-6B |
| enumeration | 40-6B/A |
| enumeration | 40-8B25 |
| enumeration | 40-8F-2 |
| enumeration | 40-8F-2/A |
| enumeration | 40-APP |
| enumeration | 40-APP/A |
| enumeration | 40-F |
| enumeration | 40-F/A |
| enumeration | 40FR12B |
| enumeration | 40FR12B/A |
| enumeration | 40FR12G |
| enumeration | 40FR12G/A |
| enumeration | 40-OIP |
| enumeration | 40-OIP/A |
| enumeration | 424A |

| | |
|-------------|-----------|
| enumeration | 424B1 |
| enumeration | 424B2 |
| enumeration | 424B3 |
| enumeration | 424B4 |
| enumeration | 424B5 |
| enumeration | 424B7 |
| enumeration | 424B8 |
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| enumeration | ARS/A |
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| enumeration | CB/A |
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| enumeration | DEF 14C |

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| enumeration | S-4MEF |
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| enumeration | S-6/A |
| enumeration | S-8 POS |

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| namespace | http://www.sec.gov/edgar/common | | | | | | |
| type | restriction of xs:string | | | | | | |
| facets | <table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>pattern</td><td>\d{2}[\-]?d{7}</td><td></td></tr></table> | Kind | Value | annotation | pattern | \d{2}[\-]?d{7} | |
| Kind | Value | annotation | | | | | |
| pattern | \d{2}[\-]?d{7} | | | | | | |
| annotation | <div>documentation</div> <div>Subject company's IRS employer identification code. Field is 9 characters long. Sample: 22-7777777</div> | | | | | | |
| source | <pre><xs:simpleType name="TAX_ID_TYPE"> <xs:annotation> <xs:documentation>Subject company's IRS employer identification code. Field is 9 characters long. Sample: 22-7777777</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:pattern value="\d{2}[\-]?d{7}"/> </xs:restriction> </xs:simpleType></pre> | | | | | | |

simpleType TRUE_FALSE_TYPE

| | | |
|-------------------------------|--|------------------|
| simple type xs:boolean | | |
| namespace | http://www.sec.gov/edgar/common | |
| type | restriction of xs:boolean | |
| used by | elements FLAG_TYPE/confirmingCopyFlag FLAG_TYPE/delayingAmendmentFlag INVESTMENT_COMPANY_TYPE/isImCompany FLAG_TYPE/overrideInternetFlag FLAG_TYPE/returnCopyFlag FLAG_TYPE/serialFlag | |
| facets | Kind | Value annotation |

| | |
|--------|--|
| | pattern true pattern false |
| source | <pre><xs:simpleType name="TRUE_FALSE_TYPE"> <xs:restriction base="xs:boolean"> <xs:pattern value="true"/> <xs:pattern value="false"/> </xs:restriction> </xs:simpleType></pre> |

simpleType YES_NO_TYPE

| | | | |
|-----------|---|-------|------------|
| namespace | http://www.sec.gov/edgar/common | | |
| type | restriction of xs:token | | |
| facets | Kind | Value | annotation |
| | enumeration | Y | |
| | enumeration | N | |
| source | <pre><xs:simpleType name="YES_NO_TYPE"> <xs:restriction base="xs:token"> <xs:enumeration value="Y"/> <xs:enumeration value="N"/> </xs:restriction> </xs:simpleType></pre> | | |

APPENDIX C. EDGAR SERIES AND CLASS COMMON XML ELEMENTS

INTRODUCTION

This appendix describes the unique XML elements of the EDGAR Series and Class submission.

List of Common Elements

The below table describes the list of the common elements categorized as:

- 1) **Complex type.** The complex Type element defines a complex type. A complex type element is an XML element that contains other elements and/or attributes.
- 2) **Simple types.** A simple element is an XML element that contains only text. It cannot contain any other elements or attributes.

| COMPLEX TYPES | SIMPLE TYPES |
|--|--|
| ACQUIRING_TARGET_TYPE | CLASS_ID_TYPE |
| ACQUIRING_TYPE | CLASS_NAME_TYPE |
| MGR_SERIES_CLASS_TYPE | EMPTY_INV_COMPANY_TYPE |
| NEW_CLASS_TYPE | MERGE_INV_COMPANY_TYPE |
| NEW_CLASS_TYPE_2 | SERIES_CLASS_TYPE |
| NEW_SERIES_CLASS_TYPE | SERIES_ID_TYPE |
| RPT_CLASS_TYPE | SERIES_NAME_TYPE |
| RPT_SERIES_TYPE | No info blank cell |
| SERIES_CLASS_PAIR_TYPE | No info blank cell |
| TARGET_TYPE | No info blank cell |

complexType **ACQUIRING_TARGET_TYPE**

| | |
|-----------|---|
| diagram | |
| namespace | http://www.sec.gov/edgar/sccommon |
| children | acquiringInfo targetInfo |
| used by | element MGR_SERIES_CLASS_TYPE/mgrSeriesClass |
| source | <pre> <xs:complexType name="ACQUIRING_TARGET_TYPE"> <xs:sequence> <xs:element name="acquiringInfo" type="ACQUIRING_TYPE"/> <xs:element name="targetInfo" type="TARGET_TYPE"/> </xs:sequence> </xs:complexType> </pre> |

element **ACQUIRING_TARGET_TYPE/acquiringInfo**

| | |
|------------|---|
| diagram | |
| namespace | http://www.sec.gov/edgar/sccommon |
| type | ACQUIRING_TYPE |
| properties | isRef 0 content complex |
| children | acquiringInvCompanyType acquiringCik acquiringSeriesId acquiringClassId |
| source | <xs:element name="acquiringInfo" type="ACQUIRING_TYPE"/> |

element **ACQUIRING_TARGET_TYPE/targetInfo**

| | |
|------------|---|
| diagram | |
| namespace | http://www.sec.gov/edgar/sccommon |
| type | TARGET_TYPE |
| properties | isRef 0 content complex |
| children | targetInvCompanyType targetCik targetIncludeAllSeriesFlag targetSeriesClassInfo targetClassInfo |
| source | <xs:element name="targetInfo" type="TARGET_TYPE"/> |

complexType ACQUIRING_TYPE

| | |
|------------|---|
| diagram | <p>Identifies the investment company type of the acquiring company. Choose a value from the list displayed when the arrow is selected.</p> |
| namespace | http://www.sec.gov/edgar/sccommon |
| children | acquiringInvCompanyType acquiringCik acquiringSeriesId acquiringClassId |
| used by | element ACQUIRING_TARGET_TYPE/acquiringInfo |
| annotation | documentation Identifies the investment company type of the acquiring company. Choose a value from the list displayed when the arrow is selected. |
| source | <pre> <xs:complexType name="ACQUIRING_TYPE"> <xs:annotation> <xs:documentation>Identifies the investment company type of the acquiring company. Choose a value from the list displayed when the arrow is selected.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="acquiringInvCompanyType" type="MERGE_INV_COMPANY_TYPE"/> <xs:element name="acquiringCik" type="ns1:CIK_TYPE"/> <xs:element name="acquiringSeriesId" type="SERIES_ID_TYPE" minOccurs="0"/> <xs:element name="acquiringClassId" type="CLASS_ID_TYPE" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre> |

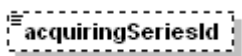
element ACQUIRING_TYPE/acquiringInvCompanyType

| | |
|------------|---|
| diagram | |
| namespace | http://www.sec.gov/edgar/sccommon |
| type | MERGE_INV_COMPANY_TYPE |
| properties | isRef 0 content simple |
| source | <pre><xs:element name="acquiringInvCompanyType" type="MERGE_INV_COMPANY_TYPE"/></pre> |

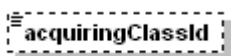
element ACQUIRING_TYPE/acquiringCik

| | |
|------------|---|
| diagram | |
| namespace | http://www.sec.gov/edgar/sccommon |
| type | CIK_TYPE |
| properties | isRef 0 content simple |
| facets | Kind Value annotation pattern \d{1,10} |
| source | <pre><xs:element name="acquiringCik" type="ns1:CIK_TYPE"/></pre> |

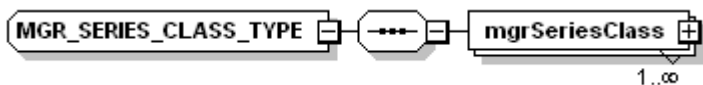
element **ACQUIRING_TYPE/acquiringSeriesId**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/sccommon |
| type | SERIES_ID_TYPE |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| facets | Kind Value pattern [Ss][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9] annotation |
| source | <code><xs:element name="acquiringSeriesId" type="SERIES_ID_TYPE" minOccurs="0"/></code> |

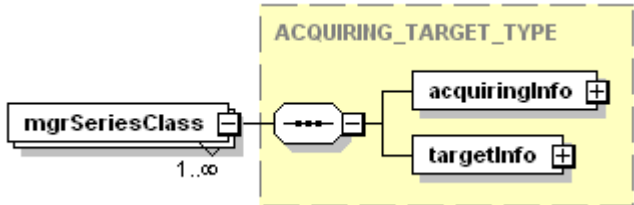
element **ACQUIRING_TYPE/acquiringClassId**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/sccommon |
| type | CLASS_ID_TYPE |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| facets | Kind Value pattern [C c][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9] annotation |
| source | <code><xs:element name="acquiringClassId" type="CLASS_ID_TYPE" minOccurs="0"/></code> |

complexType **MGR_SERIES_CLASS_TYPE**

| | |
|-----------|--|
| diagram |  |
| namespace | http://www.sec.gov/edgar/sccommon |
| children | mgrSeriesClass |
| source | <pre> <xs:complexType name="MGR_SERIES_CLASS_TYPE"> <xs:sequence> <xs:element name="mgrSeriesClass" type="ACQUIRING_TARGET_TYPE" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </pre> |

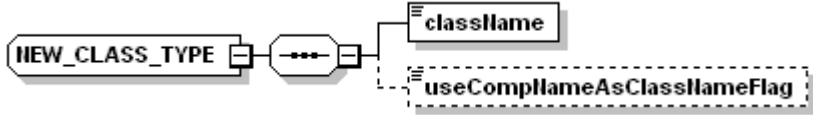
element **MGR_SERIES_CLASS_TYPE/mgrSeriesClass**

| | |
|---------|---|
| diagram |  |
|---------|---|


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| | |
|------------|--|
| namespace | http://www.sec.gov/edgar/sccommon |
| type | ACQUIRING_TARGET_TYPE |
| properties | isRef 0 minOcc 1 maxOcc unbounded content complex |
| children | acquiringInfo targetInfo |
| source | <xs:element name="mgrSeriesClass" type="ACQUIRING_TARGET_TYPE" maxOccurs="unbounded"/> |

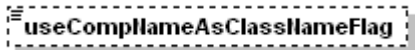
complexType NEW_CLASS_TYPE

| | |
|-----------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/sccommon |
| children | className useCompNameAsClassNameFlag |
| source | <xs:complexType name="NEW_CLASS_TYPE"> <xs:sequence> <xs:element name="className" type="CLASS_NAME_TYPE"/> <xs:element name="useCompNameAsClassNameFlag" type="ns1:TRUE_FALSE_TYPE" minOccurs="0"/> </xs:sequence> </xs:complexType> |

element NEW_CLASS_TYPE/className

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/sccommon |
| type | CLASS_NAME_TYPE |
| properties | isRef 0 content simple |
| facets | Kind Value annotation minLength 1 maxLength 150 |
| source | <xs:element name="className" type="CLASS_NAME_TYPE"/> |

element NEW_CLASS_TYPE/useCompNameAsClassNameFlag

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/sccommon |
| type | TRUE_FALSE_TYPE |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| facets | Kind Value annotation |

| | |
|--------|---|
| | pattern true pattern false |
| source | <pre><xs:element name="useCompNameAsClassNameFlag" type="ns1:TRUE_FALSE_TYPE" minOccurs="0"/></pre> |

complexType NEW_CLASS_TYPE_2

| | |
|-----------|--|
| diagram | |
| namespace | http://www.sec.gov/edgar/sccommon |
| children | seriesId className |
| source | <pre><xs:complexType name="NEW_CLASS_TYPE_2"> <xs:sequence> <xs:element name="seriesId" type="SERIES_ID_TYPE" minOccurs="0"/> <xs:element name="className" type="CLASS_NAME_TYPE" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType></pre> |

element NEW_CLASS_TYPE_2/seriesId

| | |
|------------|--|
| diagram | |
| namespace | http://www.sec.gov/edgar/sccommon |
| type | SERIES_ID_TYPE |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| facets | Kind Value annotation pattern [Ss][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9] |
| source | <pre><xs:element name="seriesId" type="SERIES_ID_TYPE" minOccurs="0"/></pre> |


element NEW_CLASS_TYPE_2/className

| | |
|------------|--|
| diagram | |
| namespace | http://www.sec.gov/edgar/sccommon |
| type | CLASS_NAME_TYPE |
| properties | isRef 0 minOcc 1 maxOcc unbounded content simple |
| facets | Kind Value annotation minLength 1 maxLength 150 |
| source | <pre><xs:element name="className" type="CLASS_NAME_TYPE" maxOccurs="unbounded"/></pre> |

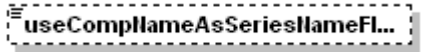
complexType NEW_SERIES_CLASS_TYPE

| | |
|-----------|--|
| diagram | |
| namespace | http://www.sec.gov/edgar/sccommon |
| children | seriesName useCompNameAsSeriesNameFlag className useSeriesNameAsClassNameFlag |
| source | <pre> <xs:complexType name="NEW_SERIES_CLASS_TYPE"> <xs:sequence> <xs:element name="seriesName" type="SERIES_NAME_TYPE"/> <xs:element name="useCompNameAsSeriesNameFlag" type="ns1:TRUE_FALSE_TYPE" minOccurs="0"/> <xs:element name="className" type="CLASS_NAME_TYPE" maxOccurs="unbounded"/> <xs:element name="useSeriesNameAsClassNameFlag" type="ns1:TRUE_FALSE_TYPE" minOccurs="0"/> </xs:sequence> </xs:complexType> </pre> |

element NEW_SERIES_CLASS_TYPE/seriesName

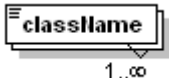
| diagram |  | | | | | | | | | |
|------------|--|------------|-------|------------|-----------|---|--|-----------|-----|--|
| namespace | http://www.sec.gov/edgar/sccommon | | | | | | | | | |
| type | SERIES_NAME_TYPE | | | | | | | | | |
| properties | isRef 0 content simple | | | | | | | | | |
| facets | <table><thead><tr><th>Kind</th><th>Value</th><th>annotation</th></tr></thead><tbody><tr><td>minLength</td><td>1</td><td></td></tr><tr><td>maxLength</td><td>150</td><td></td></tr></tbody></table> | Kind | Value | annotation | minLength | 1 | | maxLength | 150 | |
| Kind | Value | annotation | | | | | | | | |
| minLength | 1 | | | | | | | | | |
| maxLength | 150 | | | | | | | | | |
| source | <xs:element name="seriesName" type="SERIES_NAME_TYPE"/> | | | | | | | | | |

element NEW_SERIES_CLASS_TYPE/useCompNameAsSeriesNameFlag

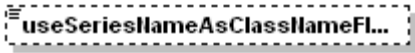
| | | | | | | | | | | |
|------------|---|------------|-------|------------|---------|--------|---|---------|--------|--|
| diagram |  | | | | | | | | | |
| namespace | http://www.sec.gov/edgar/sccommon | | | | | | | | | |
| type | TRUE FALSE TYPE | | | | | | | | | |
| properties | <table><tr><td>isRef</td><td>0</td></tr><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table> | isRef | 0 | minOcc | 0 | maxOcc | 1 | content | simple | |
| isRef | 0 | | | | | | | | | |
| minOcc | 0 | | | | | | | | | |
| maxOcc | 1 | | | | | | | | | |
| content | simple | | | | | | | | | |
| facets | <table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>pattern</td><td>true</td><td></td></tr><tr><td>pattern</td><td>false</td><td></td></tr></table> | Kind | Value | annotation | pattern | true | | pattern | false | |
| Kind | Value | annotation | | | | | | | | |
| pattern | true | | | | | | | | | |
| pattern | false | | | | | | | | | |

| | |
|--------|--|
| source | <code><xs:element name="useCompNameAsSeriesNameFlag" type="ns1:TRUE_FALSE_TYPE" minOccurs="0"/></code> |
|--------|--|

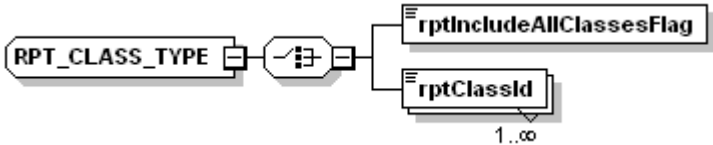
element **NEW_SERIES_CLASS_TYPE/className**

| | |
|------------|--|
| diagram |  |
| namespace | http://www.sec.gov/edgar/sccommon |
| type | CLASS_NAME_TYPE |
| properties | isRef 0 minOcc 1 maxOcc unbounded content simple |
| facets | Kind Value annotation minLength 1 maxLength 150 |
| source | <code><xs:element name="className" type="CLASS_NAME_TYPE" maxOccurs="unbounded"/></code> |

element **NEW_SERIES_CLASS_TYPE/useSeriesNameAsClassNameFlag**


| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/sccommon |
| type | TRUE_FALSE_TYPE |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| facets | Kind Value annotation pattern true pattern false |
| source | <code><xs:element name="useSeriesNameAsClassNameFlag" type="ns1:TRUE_FALSE_TYPE" minOccurs="0"/></code> |

complexType **RPT_CLASS_TYPE**

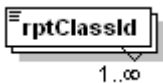
| | |
|-----------|--|
| diagram |  |
| namespace | http://www.sec.gov/edgar/sccommon |
| children | rptIncludeAllClassesFlag rptClassId |
| used by | element TARGET_TYPE/targetClassInfo |
| source | <code><xs:complexType name="RPT_CLASS_TYPE"> <xs:choice> <xs:element name="rptIncludeAllClassesFlag" type="ns1:TRUE_FALSE_TYPE"/> <xs:element name="rptClassId" type="CLASS_ID_TYPE" maxOccurs="unbounded"/> </xs:choice></code> |

| | |
|--|--------------------------------------|
| | <code></xs:complexType></code> |
|--|--------------------------------------|

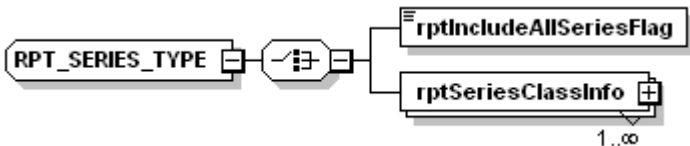
element **RPT_CLASS_TYPE/rptIncludeAllClassesFlag**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/sccommon |
| type | TRUE_FALSE_TYPE |
| properties | isRef 0 content simple |
| facets | Kind Value annotation pattern true pattern false |
| source | <code><xs:element name="rptIncludeAllClassesFlag" type="ns1:TRUE_FALSE_TYPE"/></code> |

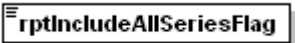
element **RPT_CLASS_TYPE/rptClassId**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/sccommon |
| type | CLASS_ID_TYPE |
| properties | isRef 0 minOcc 1 maxOcc unbounded content simple |
| facets | Kind Value annotation pattern [C c][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9] |
| source | <code><xs:element name="rptClassId" type="CLASS_ID_TYPE" maxOccurs="unbounded"/></code> |

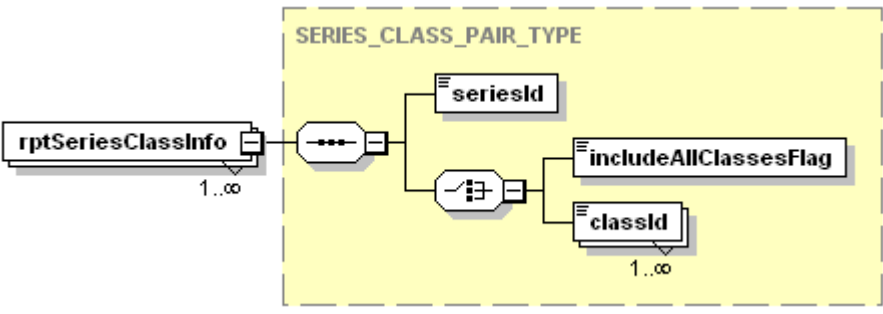
complexType **RPT_SERIES_TYPE**

| | |
|-----------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/sccommon |
| children | rptIncludeAllSeriesFlag rptSeriesClassInfo |
| source | <pre><xs:complexType name="RPT_SERIES_TYPE"> <xs:choice> <xs:element name="rptIncludeAllSeriesFlag" type="ns1:TRUE_FALSE_TYPE"/> <xs:element name="rptSeriesClassInfo" type="SERIES_CLASS_PAIR_TYPE" maxOccurs="unbounded"/> </xs:choice> </xs:complexType></pre> |

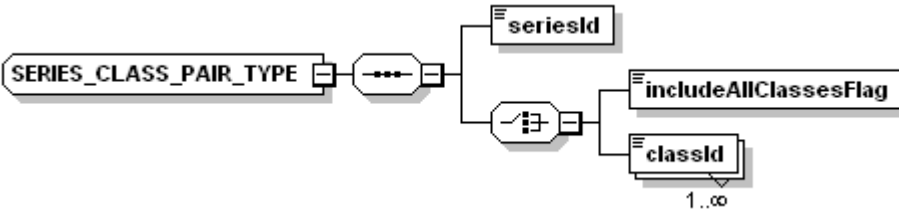
element **RPT_SERIES_TYPE/rptIncludeAllSeriesFlag**

| | |
|------------|--|
| diagram |  |
| namespace | http://www.sec.gov/edgar/sccommon |
| type | TRUE_FALSE_TYPE |
| properties | isRef 0 content simple |
| facets | Kind Value annotation pattern true pattern false |
| source | <code><xs:element name="rptIncludeAllSeriesFlag" type="ns1:TRUE_FALSE_TYPE"/></code> |

element **RPT_SERIES_TYPE/rptSeriesClassInfo**


| | |
|------------|--|
| diagram |  |
| namespace | http://www.sec.gov/edgar/sccommon |
| type | SERIES_CLASS_PAIR_TYPE |
| properties | isRef 0 minOcc 1 maxOcc unbounded content complex |
| children | seriesId includeAllClassesFlag classId |
| source | <code><xs:element name="rptSeriesClassInfo" type="SERIES_CLASS_PAIR_TYPE" maxOccurs="unbounded"/></code> |

complexType **SERIES_CLASS_PAIR_TYPE**


| | |
|-----------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/sccommon |
| children | seriesId includeAllClassesFlag classId |
| used by | elements RPT_SERIES_TYPE/rptSeriesClassInfo TARGET_TYPE/targetSeriesClassInfo |
| source | <code><xs:complexType name="SERIES_CLASS_PAIR_TYPE"> <xs:sequence> <xs:element name="seriesId" type="SERIES_ID_TYPE"/></code> |

| | |
|--|--|
| | <pre><xs:choice> <xs:element name="includeAllClassesFlag" type="ns1:TRUE_FALSE_TYPE"/> <xs:element name="classId" type="CLASS_ID_TYPE" maxOccurs="unbounded"/> </xs:choice> </xs:sequence> </xs:complexType></pre> |
|--|--|

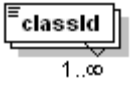
element **SERIES_CLASS_PAIR_TYPE/seriesId**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/sccommon |
| type | SERIES_ID_TYPE |
| properties | isRef 0 content simple |
| facets | Kind Value annotation pattern [S][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9] |
| source | <pre><xs:element name="seriesId" type="SERIES_ID_TYPE"/></pre> |

element **SERIES_CLASS_PAIR_TYPE/includeAllClassesFlag**

| | |
|------------|--|
| diagram |  |
| namespace | http://www.sec.gov/edgar/sccommon |
| type | TRUE_FALSE_TYPE |
| properties | isRef 0 content simple |
| facets | Kind Value annotation pattern true pattern false |
| source | <pre><xs:element name="includeAllClassesFlag" type="ns1:TRUE_FALSE_TYPE"/></pre> |

element **SERIES_CLASS_PAIR_TYPE/classId**

| | |
|------------|--|
| diagram |  |
| namespace | http://www.sec.gov/edgar/sccommon |
| type | CLASS_ID_TYPE |
| properties | isRef 0 minOcc 1 maxOcc unbounded content simple |
| facets | Kind Value annotation pattern [C][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9] |
| source | <pre><xs:element name="classId" type="CLASS_ID_TYPE" maxOccurs="unbounded"/></pre> |

complexType **TARGET_TYPE**

| | |
|-----------|--|
| diagram | |
| namespace | http://www.sec.gov/edgar/sccommon |
| children | targetInvCompanyType targetCik targetIncludeAllSeriesFlag targetSeriesClassInfo targetClassInfo |
| used by | element ACQUIRING_TARGET_TYPE/targetInfo |
| source | <pre> <xs:complexType name="TARGET_TYPE"> <xs:sequence> <xs:element name="targetInvCompanyType" type="MERGE_INV_COMPANY_TYPE"/> <xs:element name="targetCik" type="ns1:CIK_TYPE"/> <xs:choice> <xs:element name="targetIncludeAllSeriesFlag" type="ns1:TRUE_FALSE_TYPE" minOccurs="0"/> <xs:element name="targetSeriesClassInfo" type="SERIES_CLASS_PAIR_TYPE" minOccurs="0" maxOccurs="unbounded"/> <xs:element name="targetClassInfo" type="RPT_CLASS_TYPE" minOccurs="0"/> </xs:choice> </xs:sequence> </xs:complexType> </pre> |

element **TARGET_TYPE/targetInvCompanyType**

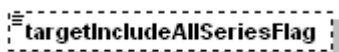
| | |
|------------|--|
| diagram | |
| namespace | http://www.sec.gov/edgar/sccommon |
| type | MERGE_INV_COMPANY_TYPE |
| properties | isRef 0 content simple |
| source | <pre><xs:element name="targetInvCompanyType" type="MERGE_INV_COMPANY_TYPE"/></pre> |

element **TARGET_TYPE/targetCik**

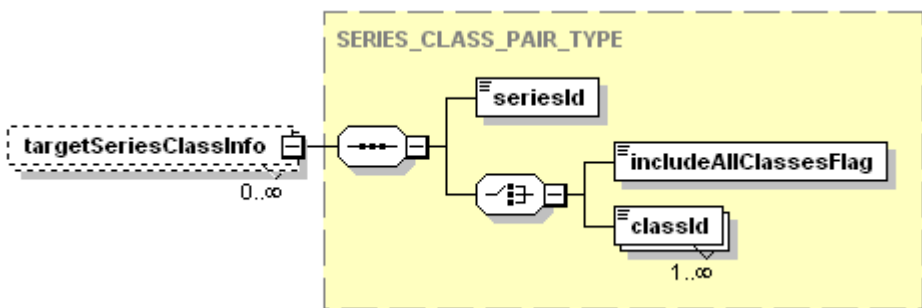
| | |
|------------|---|
| diagram | |
| namespace | http://www.sec.gov/edgar/sccommon |
| type | CIK_TYPE |
| properties | isRef 0 content simple |
| facets | Kind Value annotation pattern \d{1,10} |

| | |
|--------|---|
| source | <code><xs:element name="targetCik" type="ns1:CIK_TYPE"/></code> |
|--------|---|

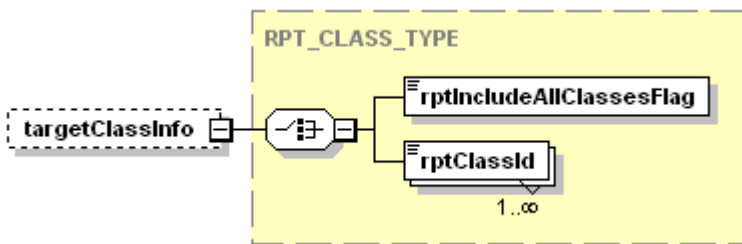
element TARGET_TYPE/targetIncludeAllSeriesFlag

| | | | | | | | | | | |
|------------|---|------------|-------|------------|---------|--------|---|---------|--------|--|
| diagram |  | | | | | | | | | |
| namespace | http://www.sec.gov/edgar/sccommon | | | | | | | | | |
| type | TRUE_FALSE_TYPE | | | | | | | | | |
| properties | <table><tr><td>isRef</td><td>0</td></tr><tr><td>minOcc</td><td>0</td></tr><tr><td>maxOcc</td><td>1</td></tr><tr><td>content</td><td>simple</td></tr></table> | isRef | 0 | minOcc | 0 | maxOcc | 1 | content | simple | |
| isRef | 0 | | | | | | | | | |
| minOcc | 0 | | | | | | | | | |
| maxOcc | 1 | | | | | | | | | |
| content | simple | | | | | | | | | |
| facets | <table><tr><td>Kind</td><td>Value</td><td>annotation</td></tr><tr><td>pattern</td><td>true</td><td></td></tr><tr><td>pattern</td><td>false</td><td></td></tr></table> | Kind | Value | annotation | pattern | true | | pattern | false | |
| Kind | Value | annotation | | | | | | | | |
| pattern | true | | | | | | | | | |
| pattern | false | | | | | | | | | |
| source | <xs:element name="targetIncludeAllSeriesFlag" type="ns1:TRUE_FALSE_TYPE" minOccurs="0"/> | | | | | | | | | |

element TARGET_TYPE/targetSeriesClassInfo

| | | | | | | | | | |
|------------|---|-------|---|--------|---|--------|-----------|---------|---------|
| diagram |  A dashed box labeled 'targetSeriesClassInfo' with a multiplicity of '0..∞'. It contains a sequence container (rectangle with three dots) which contains a 'seriesId' element and another sequence container. This second container contains an 'includeAllClassesFlag' element and a 'classId' element with a multiplicity of '1..∞'. The entire structure is enclosed in a yellow dashed box labeled 'SERIES_CLASS_PAIR_TYPE'. | | | | | | | | |
| namespace | http://www.sec.gov/edgar/sccommon | | | | | | | | |
| type | SERIES_CLASS_PAIR_TYPE | | | | | | | | |
| properties | <table> <tr><td>isRef</td><td>0</td></tr> <tr><td>minOcc</td><td>0</td></tr> <tr><td>maxOcc</td><td>unbounded</td></tr> <tr><td>content</td><td>complex</td></tr> </table> | isRef | 0 | minOcc | 0 | maxOcc | unbounded | content | complex |
| isRef | 0 | | | | | | | | |
| minOcc | 0 | | | | | | | | |
| maxOcc | unbounded | | | | | | | | |
| content | complex | | | | | | | | |
| children | seriesId includeAllClassesFlag classId | | | | | | | | |
| source | <code><xs:element name="targetSeriesClassInfo" type="SERIES_CLASS_PAIR_TYPE" minOccurs="0" maxOccurs="unbounded"/></code> | | | | | | | | |

element TARGET_TYPE/targetClassInfo

| | |
|-----------|--|
| diagram |  A dashed box labeled 'targetClassInfo' with a multiplicity of '1'. It contains a sequence container (rectangle with three dots) which contains an 'rptIncludeAllClassesFlag' element and an 'rptClassId' element with a multiplicity of '1..∞'. The entire structure is enclosed in a yellow dashed box labeled 'RPT_CLASS_TYPE'. |
| namespace | http://www.sec.gov/edgar/sccommon |

| | |
|------------|---|
| type | RPT_CLASS_TYPE |
| properties | isRef 0 minOcc 0 maxOcc 1 content complex |
| children | rptIncludeAllClassesFlag rptClassId |
| source | <code><xs:element name="targetClassInfo" type="RPT_CLASS_TYPE" minOccurs="0"/></code> |

simpleType **CLASS_ID_TYPE**

| | | | |
|------------|---|---|------------|
| namespace | http://www.sec.gov/edgar/sccommon | | |
| type | restriction of xs:string | | |
| used by | elements | ACQUIRING_TYPE/acquiringClassId SERIES_CLASS_PAIR_TYPE/classId RPT_CLASS_TYPE/rptClassId simpleType SERIES_CLASS_TYPE | |
| facets | Kind | Value | annotation |
| | pattern | [C c][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9] | |
| annotation | documentation SEC-supplied class (contract) identifier. Field is 10 characters. The value must start with a "C" followed by nine digits. | | |
| source | <pre><xs:simpleType name="CLASS_ID_TYPE"> <xs:annotation> <xs:documentation>SEC-supplied class (contract) identifier. Field is 10 characters. The value must start with a "C" followed by nine digits.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:pattern value="[C c][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType **CLASS_NAME_TYPE**

| | | | |
|------------|--|--|------------|
| namespace | http://www.sec.gov/edgar/sccommon | | |
| type | restriction of xs:string | | |
| used by | elements | NEW_SERIES_CLASS_TYPE/className NEW_CLASS_TYPE/className NEW_CLASS_TYPE_2/className | |
| facets | Kind | Value | annotation |
| | minLength | 1 | |
| | maxLength | 150 | |
| annotation | documentation Name of the new class (contract) to be created. Field is up to 150 characters. Text will be conformed to remove all leading and trailing spaces and any extra spaces between words. | | |
| source | <code><xs:simpleType name="CLASS_NAME_TYPE"> <xs:annotation> <xs:documentation>Name of the new class (contract) to be created. Field is up to 150 characters. Text will be conformed to remove all leading and trailing spaces and any extra spaces between words.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="150"/> </xs:restriction> </xs:simpleType></code> | | |

simpleType EMPTY_INV_COMPANY_TYPE

| | | | |
|-----------|--|--|------------|
| namespace | http://www.sec.gov/edgar/sccommon | | |
| type | restriction of xs:token | | |
| used by | simpleType | MERGE_INV_COMPANY_TYPE | |
| facets | Kind enumeration | Value Not an Investment Company | annotation |
| source | <pre><xs:simpleType name="EMPTY_INV_COMPANY_TYPE"> <xs:restriction base="xs:token"> <xs:enumeration value="Not an Investment Company"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType MERGE_INV_COMPANY_TYPE

| | |
|-----------|--|
| namespace | http://www.sec.gov/edgar/sccommon |
| type | union of (INV_COMPANY_TYPE , EMPTY_INV_COMPANY_TYPE) |
| used by | elements ACQUIRING_TYPE/acquiringInvCompanyType TARGET_TYPE/targetInvCompanyType |
| source | <xs:simpleType name="MERGE_INV_COMPANY_TYPE"> <xs:union memberTypes="ns1:INV_COMPANY_TYPE EMPTY_INV_COMPANY_TYPE"/> </xs:simpleType> |

simpleType SERIES_CLASS_TYPE

| | | | |
|-----------|---|--|--|
| namespace | http://www.sec.gov/edgar/sccommon | | |
| type | union of (SERIES_ID_TYPE , CLASS_ID_TYPE) | | |
| source | <pre><xs:simpleType name="SERIES_CLASS_TYPE"> <xs:union memberTypes="SERIES_ID_TYPE CLASS_ID_TYPE"/> </xs:simpleType></pre> | | |

simpleType SERIES_ID_TYPE

| | | | |
|------------|--|---|------------|
| namespace | http://www.sec.gov/edgar/sccommon | | |
| type | restriction of xs:string | | |
| used by | elements | ACQUIRING_TYPE/acquiringSeriesId SERIES_CLASS_PAIR_TYPE/seriesId NEW_CLASS_TYPE_2/seriesId | |
| | simpleType | SERIES_CLASS_TYPE | |
| facets | Kind pattern | Value [S][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9] | annotation |
| annotation | documentation SEC-supplied series identifier. Field is 10 characters. The value must start with an "S" followed by nine digits. | | |
| source | <pre><xs:simpleType name="SERIES_ID_TYPE"> <xs:annotation> <xs:documentation>SEC-supplied series identifier. Field is 10 characters. The value must start with an "S" followed by nine digits.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:pattern value="[S][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]" /> </xs:restriction> </xs:simpleType></pre> | | |

simpleType **SERIES_NAME_TYPE**

| | | | |
|------------|---|--|------------|
| namespace | http://www.sec.gov/edgar/sccommon | | |
| type | restriction of xs:string | | |
| used by | element | NEW SERIES CLASS TYPE/seriesName | |
| facets | Kind | Value | annotation |
| | minLength | 1 | |
| | maxLength | 150 | |
| annotation | documentation Name of the new series to be created. Field is up to 150 characters. Text will be conformed to remove all leading and trailing spaces and any extra spaces between words. | | |
| source | <pre><xs:simpleType name="SERIES_NAME_TYPE"> <xs:annotation> <xs:documentation>Name of the new series to be created. Field is up to 150 characters. Text will be conformed to remove all leading and trailing spaces and any extra spaces between words.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="150"/> </xs:restriction> </xs:simpleType></pre> | | |

APPENDIX D. EDGAR FEE BEARING FILINGS COMMON XML ELEMENTS

INTRODUCTION

This appendix describes the unique XML elements of the EDGAR Fee Bearing Filing submission.

List of Common Elements

The below table describes the list of the common elements categorized as:

- 1) **Complex type.** The complex Type element defines a complex type. A complex type element is an XML element that contains other elements and/or attributes.
- 2) **Simple types.** A simple element is an XML element that contains only text. It cannot contain any other elements or attributes.

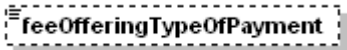
| COMPLEX TYPES | SIMPLE TYPES |
|--------------------------------------|--|
| FEE_OFFERING_TYPE | DEC_NON_NEG_BILLIONS_PREC0 |
| FEE_OFFSET_TYPE | DEC_NON_NEG_BILLIONS_PREC4 |
| FEE_SALES_SHARE_TYPE | EDGAR_MONEY |
| FEE_TYPE | PAYMENT_METHOD_TYPE |
| PAYOR_TYPE | PAYMENT_TYPE |
| SALES_SHARES_TYPE | SECURITY_TYPE |
| SALES_TYPE | SECURITY_TYPE_BASE |
| No info blank cell | SECURITY_TYPE_OTHER |

complexType **FEE_OFFERING_TYPE**

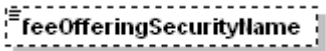
| | |
|-----------|--|
| diagram | <pre> sequenceDiagram participant FEE_OFFERING_TYPE FEE_OFFERING_TYPE --> feeOfferingTypeOfPayment FEE_OFFERING_TYPE --> feeOfferingSecurityName FEE_OFFERING_TYPE --> feeOfferingShares FEE_OFFERING_TYPE --> feeOfferingAmountPerShare FEE_OFFERING_TYPE --> feeOfferingAggregatePrice </pre> |
| namespace | http://www.sec.gov/edgar/feecommon |
| children | feeOfferingTypeOfPayment feeOfferingSecurityName feeOfferingShares feeOfferingAmountPerShare feeOfferingAggregatePrice |
| source | <pre> <xs:complexType name="FEE_OFFERING_TYPE"> <xs:sequence> <xs:element name="feeOfferingTypeOfPayment" type="PAYMENT_TYPE" minOccurs="0"/> <xs:element name="feeOfferingSecurityName" type="SECURITY_TYPE" minOccurs="0"/> <xs:element name="feeOfferingShares" type="xs:positiveInteger" minOccurs="0"/> <xs:element name="feeOfferingAmountPerShare" type="EDGAR_MONEY" minOccurs="0"/> <xs:element name="feeOfferingAggregatePrice" type="EDGAR_MONEY" minOccurs="0"/> </xs:sequence> </pre> |

| | |
|--|--------------------------------------|
| | <code></xs:complexType></code> |
|--|--------------------------------------|

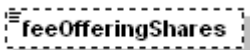
element **FEE_OFFERING_TYPE/feeOfferingTypeOfPayment**

| | |
|------------|--|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| type | PAYMENT_TYPE |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| facets | Kind Value annotation enumeration Pay In Advance enumeration Pay As You Go |
| source | <code><xs:element name="feeOfferingTypeOfPayment" type="PAYMENT_TYPE" minOccurs="0"/></code> |

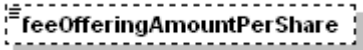
element **FEE_OFFERING_TYPE/feeOfferingSecurityName**

| | |
|------------|--|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| type | SECURITY_TYPE |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| source | <code><xs:element name="feeOfferingSecurityName" type="SECURITY_TYPE" minOccurs="0"/></code> |

element **FEE_OFFERING_TYPE/feeOfferingShares**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| type | xs:positiveInteger |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| source | <code><xs:element name="feeOfferingShares" type="xs:positiveInteger" minOccurs="0"/></code> |


element **FEE_OFFERING_TYPE/feeOfferingAmountPerShare**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| type | EDGAR MONEY |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |

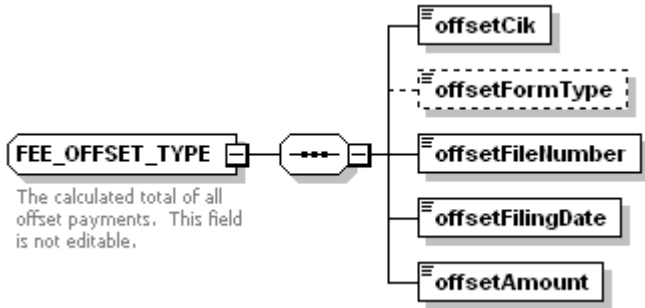
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| | | | |
|--------|---|------------------|------------|
| facets | Kind | Value | annotation |
| | minInclusive | 0.00 | |
| | maxInclusive | 9999999999999.99 | |
| | fractionDigits | 2 | |
| source | <xs:element name="feeOfferingAmountPerShare" type="EDGAR_MONEY" minOccurs="0"/> | | |

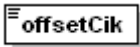
element **FEE_OFFERING_TYPE/feeOfferingAggregatePrice**

| | | | |
|------------|---|------------------|------------|
| diagram |  A dashed rectangular box containing the text "feeOfferingAggregatePrice". | | |
| namespace | http://www.sec.gov/edgar/feecommon | | |
| type | EDGAR_MONEY | | |
| properties | isRef | 0 | |
| | minOcc | 0 | |
| | maxOcc | 1 | |
| | content | simple | |
| facets | Kind | Value | annotation |
| | minInclusive | 0.00 | |
| | maxInclusive | 9999999999999.99 | |
| | fractionDigits | 2 | |
| source | <xs:element name="feeOfferingAggregatePrice" type="EDGAR_MONEY" minOccurs="0"/> | | |

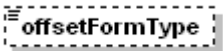
complexType **FEE_OFFSET_TYPE**

| | |
|------------|---|
| diagram |  <p>The diagram shows a complex type FEE_OFFSET_TYPE represented by a rounded rectangle with a small square handle on its right side. Below the box is the text: "The calculated total of all offset payments. This field is not editable." To the right of the box is a sequence container, represented by a circle with three dots. A line connects the box to the container. From the right side of the container, five lines branch out to five child elements, each in a rounded rectangle with a small square handle on its left side: offsetCik, offsetFormType (which has a dashed border), offsetFileNumber, offsetFilingDate, and offsetAmount.</p> |
| namespace | http://www.sec.gov/edgar/feecommon |
| children | offsetCik offsetFormType offsetFileNumber offsetFilingDate offsetAmount |
| annotation | documentation The calculated total of all offset payments. This field is not editable. |
| source | <pre><xs:complexType name="FEE_OFFSET_TYPE"> <xs:annotation> <xs:documentation>The calculated total of all offset payments. This field is not editable.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="offsetCik" type="ns1:CIK_TYPE"/> <xs:element name="offsetFormType" type="ns1:SUBMISSION_TYPE" minOccurs="0"/> <xs:element name="offsetFileNumber" type="ns1:FILE_NUMBER_TYPE"/> <xs:element name="offsetFilingDate" type="ns1:DATE_TYPE"/> <xs:element name="offsetAmount" type="EDGAR_MONEY"/> </xs:sequence> </xs:complexType></pre> |

element **FEE_OFFSET_TYPE/offsetCik**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| type | CIK_TYPE |
| properties | isRef 0 content simple |
| facets | Kind Value annotation pattern \d{1,10} |
| source | <xs:element name="offsetCik" type="ns1:CIK_TYPE"/> |

element **FEE_OFFSET_TYPE/offsetFormType**

| | |
|------------|--|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| type | SUBMISSION_TYPE |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| facets | Kind Value annotation enumeration 10-12B enumeration 10-12B/A enumeration 10-12G enumeration 10-12G/A enumeration 10-D enumeration 10-D/A enumeration 10-K enumeration 10-K/A enumeration 10KSB enumeration 10KSB/A enumeration 10-KT enumeration 10-KT/A enumeration 10-Q enumeration 10-Q/A enumeration 10-QT enumeration 10-QT/A enumeration 11-K enumeration 11-K/A enumeration 11-KT enumeration 11-KT/A enumeration 13F-HR enumeration 13F-HR/A enumeration 13F-NT enumeration 13F-NT/A enumeration 144 |

| | |
|-------------|------------|
| enumeration | 144/A |
| enumeration | 15-12B |
| enumeration | 15-12B/A |
| enumeration | 15-12G |
| enumeration | 15-12G/A |
| enumeration | 15-15D |
| enumeration | 15-15D/A |
| enumeration | 15F-12B |
| enumeration | 15F-12B/A |
| enumeration | 15F-12G |
| enumeration | 15F-12G/A |
| enumeration | 15F-15D |
| enumeration | 15F-15D/A |
| enumeration | 18-12B |
| enumeration | 18-12B/A |
| enumeration | 18-12G |
| enumeration | 18-12G/A |
| enumeration | 18-K |
| enumeration | 18-K/A |
| enumeration | 1-E AD |
| enumeration | 1-E AD/A |
| enumeration | 1-E |
| enumeration | 1-E/A |
| enumeration | 20-F |
| enumeration | 20-F/A |
| enumeration | 20FR12B |
| enumeration | 20FR12B/A |
| enumeration | 20FR12G |
| enumeration | 20FR12G/A |
| enumeration | 24F-2NT |
| enumeration | 24F-2NT/A |
| enumeration | 25 |
| enumeration | 25/A |
| enumeration | 2-E |
| enumeration | 2-E/A |
| enumeration | 305B2 |
| enumeration | 305B2/A |
| enumeration | 40-17F1 |
| enumeration | 40-17F1/A |
| enumeration | 40-17F2 |
| enumeration | 40-17F2/A |
| enumeration | 40-17G |
| enumeration | 40-17G/A |
| enumeration | 40-17GCS |
| enumeration | 40-17GCS/A |
| enumeration | 40-24B2 |

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| | |
|-------------|-----------|
| enumeration | 40-24B2/A |
| enumeration | 40-33 |
| enumeration | 40-33/A |
| enumeration | 40-6B |
| enumeration | 40-6B/A |
| enumeration | 40-8B25 |
| enumeration | 40-8F-2 |
| enumeration | 40-8F-2/A |
| enumeration | 40-APP |
| enumeration | 40-APP/A |
| enumeration | 40-F |
| enumeration | 40-F/A |
| enumeration | 40FR12B |
| enumeration | 40FR12B/A |
| enumeration | 40FR12G |
| enumeration | 40FR12G/A |
| enumeration | 40-OIP |
| enumeration | 40-OIP/A |
| enumeration | 424A |
| enumeration | 424B1 |
| enumeration | 424B2 |
| enumeration | 424B3 |
| enumeration | 424B4 |
| enumeration | 424B5 |
| enumeration | 424B7 |
| enumeration | 424B8 |
| enumeration | 425 |
| enumeration | 485APOS |
| enumeration | 485BPOS |
| enumeration | 485BXT |
| enumeration | 486APOS |
| enumeration | 486BPOS |
| enumeration | 487 |
| enumeration | 497 |
| enumeration | 497AD |
| enumeration | 497H2 |
| enumeration | 497J |
| enumeration | 497K1 |
| enumeration | 497K2 |
| enumeration | 497K3A |
| enumeration | 497K3B |
| enumeration | 6-K |
| enumeration | 6-K/A |
| enumeration | 8-A12B |
| enumeration | 8-A12B/A |
| enumeration | 8-A12G |

| | |
|-------------|------------|
| enumeration | 8-A12G/A |
| enumeration | 8-K |
| enumeration | 8-K/A |
| enumeration | 8-K12B |
| enumeration | 8-K12B/A |
| enumeration | 8-K12G3 |
| enumeration | 8-K12G3/A |
| enumeration | 8-K15D5 |
| enumeration | 8-K15D5/A |
| enumeration | ANNLRPT |
| enumeration | ANNLRPT/A |
| enumeration | ARS |
| enumeration | ARS/A |
| enumeration | AW |
| enumeration | AW WD |
| enumeration | CB |
| enumeration | CB/A |
| enumeration | DEF 14A |
| enumeration | DEF 14C |
| enumeration | DEFA14A |
| enumeration | DEFA14C |
| enumeration | DEFC14A |
| enumeration | DEFC14C |
| enumeration | DEFM14A |
| enumeration | DEFM14C |
| enumeration | DEFN14A |
| enumeration | DEFR14A |
| enumeration | DEFR14C |
| enumeration | DEL AM |
| enumeration | DFAN14A |
| enumeration | DFRN14A |
| enumeration | DSTRBRPT |
| enumeration | DSTRBRPT/A |
| enumeration | F-1 |
| enumeration | F-1/A |
| enumeration | F-10 |
| enumeration | F-10/A |
| enumeration | F-10EF |
| enumeration | F-10POS |
| enumeration | F-1MEF |
| enumeration | F-3 |
| enumeration | F-3/A |
| enumeration | F-3ASR |
| enumeration | F-3D |
| enumeration | F-3DPOS |
| enumeration | F-3MEF |

| | |
|-------------|-----------|
| enumeration | F-4 |
| enumeration | F-4/A |
| enumeration | F-4EF |
| enumeration | F-4MEF |
| enumeration | F-4 POS |
| enumeration | F-6 |
| enumeration | F-6/A |
| enumeration | F-6EF |
| enumeration | F-6 POS |
| enumeration | F-7 |
| enumeration | F-7/A |
| enumeration | F-7 POS |
| enumeration | F-8 |
| enumeration | F-8/A |
| enumeration | F-80 |
| enumeration | F-80/A |
| enumeration | F-8 POS |
| enumeration | F-80POS |
| enumeration | F-9 |
| enumeration | F-9/A |
| enumeration | F-9EF |
| enumeration | F-9 POS |
| enumeration | F-N |
| enumeration | F-N/A |
| enumeration | FWP |
| enumeration | F-X |
| enumeration | F-X/A |
| enumeration | N-1 |
| enumeration | N-1/A |
| enumeration | N-14 |
| enumeration | N-14/A |
| enumeration | N-14 8C |
| enumeration | N-14 8C/A |
| enumeration | N-14MEF |
| enumeration | N-18F1 |
| enumeration | N-18F1/A |
| enumeration | N-1 A |
| enumeration | N-1A/A |
| enumeration | N-2 |
| enumeration | N-2/A |
| enumeration | N-23C-2 |
| enumeration | N-23C-2/A |
| enumeration | N-23C3A |
| enumeration | N-23C3A/A |
| enumeration | N-23C3B |
| enumeration | N-23C3B/A |


| | |
|-------------|-----------|
| enumeration | N-23C3C |
| enumeration | N-23C3C/A |
| enumeration | N-27D-1 |
| enumeration | N-27D-1/A |
| enumeration | N-2MEF |
| enumeration | N-3 |
| enumeration | N-3/A |
| enumeration | N-30B-2 |
| enumeration | N-30D |
| enumeration | N-30D/A |
| enumeration | N-4 |
| enumeration | N-4/A |
| enumeration | N-5 |
| enumeration | N-5/A |
| enumeration | N-54A |
| enumeration | N-54A/A |
| enumeration | N-54C |
| enumeration | N-54C/A |
| enumeration | N-6 |
| enumeration | N-6/A |
| enumeration | N-6F |
| enumeration | N-6F/A |
| enumeration | N-8A |
| enumeration | N-8A/A |
| enumeration | N-8B-2 |
| enumeration | N-8B-2/A |
| enumeration | N-8B-3 |
| enumeration | N-8B-3/A |
| enumeration | N-8B-4 |
| enumeration | N-8B-4/A |
| enumeration | N-8F |
| enumeration | N-8F/A |
| enumeration | N-CSR |
| enumeration | N-CSR/A |
| enumeration | N-CSR-S |
| enumeration | N-CSR-S/A |
| enumeration | N-PX |
| enumeration | N-PX/A |
| enumeration | N-Q |
| enumeration | N-Q/A |
| enumeration | NSAR-A |
| enumeration | NSAR-A/A |
| enumeration | NSAR-AT |
| enumeration | NSAR-AT/A |
| enumeration | NSAR-B |
| enumeration | NSAR-B/A |

| | |
|-------------|------------|
| enumeration | NSAR-BT |
| enumeration | NSAR-BT/A |
| enumeration | NSAR-U |
| enumeration | NSAR-U/A |
| enumeration | NT 10-D |
| enumeration | NT 10-D/A |
| enumeration | NT 10-K |
| enumeration | NT 10-K/A |
| enumeration | NT 10-Q |
| enumeration | NT 10-Q/A |
| enumeration | NT 11-K |
| enumeration | NT 11-K/A |
| enumeration | NT 15D2 |
| enumeration | NT 15D2/A |
| enumeration | NT 20-F |
| enumeration | NT 20-F/A |
| enumeration | NT-NCSR |
| enumeration | NT-NCSR/A |
| enumeration | NT-NSAR |
| enumeration | NT-NSAR/A |
| enumeration | POS 8C |
| enumeration | POS AM |
| enumeration | POS AMI |
| enumeration | POS EX |
| enumeration | POS462B |
| enumeration | POS462C |
| enumeration | POSASR |
| enumeration | PRE 14A |
| enumeration | PRE 14C |
| enumeration | PREC14A |
| enumeration | PREC14C |
| enumeration | PREM14A |
| enumeration | PREM14C |
| enumeration | PREN14A |
| enumeration | PRER14A |
| enumeration | PRER14C |
| enumeration | PRRN14A |
| enumeration | PX14A6G |
| enumeration | PX14A6N |
| enumeration | QRTLYRPT |
| enumeration | QRTLYRPT/A |
| enumeration | RW |
| enumeration | RW WD |
| enumeration | S-1 |
| enumeration | S-1/A |
| enumeration | S-11 |


| | |
|-------------|-----------|
| enumeration | S-11/A |
| enumeration | S-11MEF |
| enumeration | S-1MEF |
| enumeration | S-20 |
| enumeration | S-20/A |
| enumeration | S-3 |
| enumeration | S-3/A |
| enumeration | S-3ASR |
| enumeration | S-3D |
| enumeration | S-3DPOS |
| enumeration | S-3MEF |
| enumeration | S-4 |
| enumeration | S-4/A |
| enumeration | S-4 POS |
| enumeration | S-4EF |
| enumeration | S-4MEF |
| enumeration | S-6 |
| enumeration | S-6/A |
| enumeration | S-8 POS |
| enumeration | S-8 |
| enumeration | S-B |
| enumeration | S-B/A |
| enumeration | S-BMEF |
| enumeration | SC 13D |
| enumeration | SC 13D/A |
| enumeration | SC 13E1 |
| enumeration | SC 13E1/A |
| enumeration | SC 13E3 |
| enumeration | SC 13E3/A |
| enumeration | SC 13G |
| enumeration | SC 13G/A |
| enumeration | SC 14D9 |
| enumeration | SC 14D9/A |
| enumeration | SC 14F1 |
| enumeration | SC 14F1/A |
| enumeration | SC TO-C |
| enumeration | SC TO-I |
| enumeration | SC TO-I/A |
| enumeration | SC TO-T |
| enumeration | SC TO-T/A |
| enumeration | SC13E4F |
| enumeration | SC13E4F/A |
| enumeration | SC14D1F |
| enumeration | SC14D1F/A |
| enumeration | SC14D9C |
| enumeration | SC14D9F |

| | |
|--------|--|
| | enumeration SC14D9F/A enumeration SH-ER enumeration SH-ER/A enumeration SH-NT enumeration SH-NT/A enumeration SP 15D2 enumeration SP 15D2/A enumeration SUPPL enumeration T-3 enumeration T-3/A enumeration T-6 enumeration T-6/A enumeration UNDER enumeration UNDER/A |
| source | <xs:element name="offsetFormType" type="ns1:SUBMISSION_TYPE" minOccurs="0"/> |


element **FEE_OFFSET_TYPE/offsetFileNumber**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| type | FILE_NUMBER_TYPE |
| properties | isRef 0 content simple |
| facets | Kind Value annotation pattern \d{1,3}-\d{1,8}-[a-zA-Z0-9]{1,4} \d{1,3}-\d{1,8} |
| source | <xs:element name="offsetFileNumber" type="ns1:FILE_NUMBER_TYPE"/> |

element **FEE_OFFSET_TYPE/offsetFilingDate**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| type | DATE_TYPE |
| properties | isRef 0 content simple |
| facets | Kind Value annotation pattern \d{1,2}-\d{1,2}-\d{4} |
| source | <xs:element name="offsetFilingDate" type="ns1:DATE_TYPE"/> |

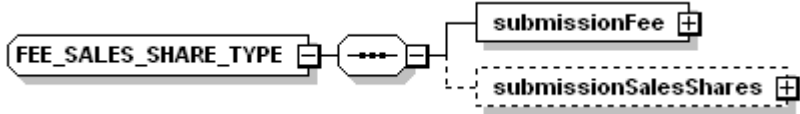
element **FEE_OFFSET_TYPE/offsetAmount**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| type | EDGAR MONEY |
| properties | isRef 0 content simple |

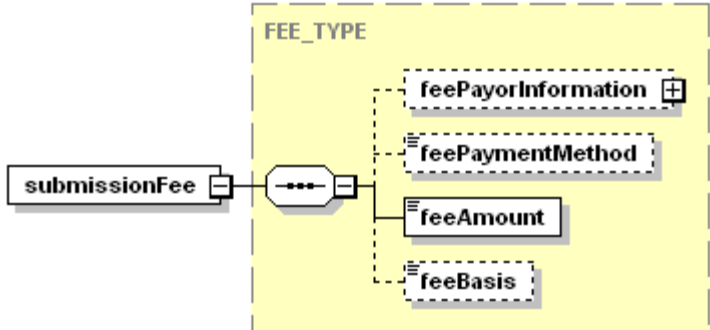
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|--------|--|-------------------|------------|
| facets | Kind | Value | annotation |
| | minInclusive | 0.00 | |
| | maxInclusive | 99999999999999.99 | |
| | fractionDigits | 2 | |
| source | <xs:element name="offsetAmount" type="EDGAR_MONEY"/> | | |

complexType FEE_SALES_SHARE_TYPE

| | |
|-----------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| children | submissionFee submissionSalesShares |
| source | <pre><xs:complexType name="FEE_SALES_SHARE_TYPE"> <xs:sequence> <xs:element name="submissionFee" type="FEE_TYPE"/> <xs:element name="submissionSalesShares" type="SALES_SHARES_TYPE" minOccurs="0"/> </xs:sequence> </xs:complexType></pre> |

element FEE_SALES_SHARE_TYPE/submissionFee

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| type | FEE_TYPE |
| properties | isRef 0 content complex |
| children | feePayorInformation feePaymentMethod feeAmount feeBasis |
| source | <xs:element name="submissionFee" type="FEE_TYPE"/> |

element **FEE_SALES_SHARE_TYPE/submissionSalesShares**

| | |
|------------|--|
| diagram | |
| namespace | http://www.sec.gov/edgar/feecommon |
| type | SALES_SHARES_TYPE |
| properties | isRef 0 minOcc 0 maxOcc 1 content complex |
| children | salesSharesItemizeFlag salesSharesInformation |
| source | <pre><xs:element name="submissionSalesShares" type="SALES_SHARES_TYPE" minOccurs="0"/></pre> |

complexType **FEE_TYPE**

| | |
|-----------|---|
| diagram | |
| namespace | http://www.sec.gov/edgar/feecommon |
| children | feePayorInformation |
| used by | element FEE_SALES_SHARE_TYPE/submissionFee |
| source | <pre><xs:complexType name="FEE_TYPE"> <xs:sequence> <xs:element name="feePayorInformation" type="PAYOR_TYPE" minOccurs="0"/> <xs:element name="feePaymentMethod" type="PAYMENT_METHOD_TYPE" minOccurs="0"/> <xs:element name="feeAmount" type="EDGAR_MONEY"/> <xs:element name="feeBasis" type="EDGAR_MONEY" minOccurs="0"/> </xs:sequence> </xs:complexType></pre> |


element **FEE_TYPE/feePayorInformation**

| | |
|---------|--|
| diagram | |
|---------|--|

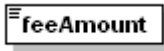
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| | |
|------------|--|
| namespace | http://www.sec.gov/edgar/feecommon |
| type | PAYOR_TYPE |
| properties | isRef 0 minOcc 0 maxOcc 1 content complex |
| children | filerId filerCcc |
| source | <xs:element name="feePayorInformation" type="PAYOR_TYPE" minOccurs="0"/> |


element FEE_TYPE/feePaymentMethod

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| type | PAYMENT_METHOD_TYPE |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| facets | Kind Value annotation enumeration LOCKBOX enumeration FEDWIRE |
| source | <xs:element name="feePaymentMethod" type="PAYMENT_METHOD_TYPE" minOccurs="0"/> |

element FEE_TYPE/feeAmount

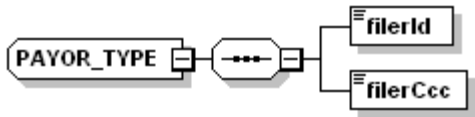
| | |
|------------|--|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| type | EDGAR MONEY |
| properties | isRef 0 content simple |
| facets | Kind Value annotation minInclusive 0.00 maxInclusive 99999999999999.99 fractionDigits 2 |
| source | <xs:element name="feeAmount" type="EDGAR_MONEY"/> |

element FEE_TYPE/feeBasis


| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| type | EDGAR MONEY |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| facets | Kind Value annotation minInclusive 0.00 |

| | |
|--------|---|
| | maxInclusive 99999999999999.99 fractionDigits 2 |
| source | <code><xs:element name="feeBasis" type="EDGAR_MONEY" minOccurs="0"/></code> |

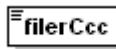
complexType PAYOR_TYPE

| | |
|-----------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| children | filerId filerCcc |
| used by | element FEE_TYPE/feePayorInformation |
| source | <code><xs:complexType name="PAYOR_TYPE"> <xs:sequence> <xs:element name="filerId" type="ns1:CIK_TYPE"/> <xs:element name="filerCcc" type="ns1:CCC_TYPE"/> </xs:sequence> </xs:complexType></code> |

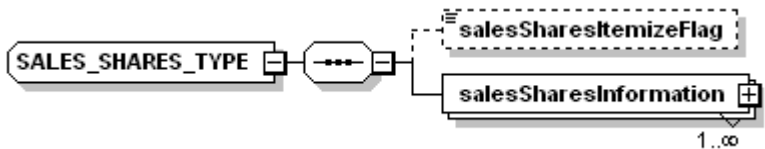
element PAYOR_TYPE/filerId

| | |
|------------|--|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| type | CIK_TYPE |
| properties | isRef 0 content simple |
| facets | Kind Value annotation pattern \d{1,10} |
| source | <code><xs:element name="filerId" type="ns1:CIK_TYPE"/></code> |

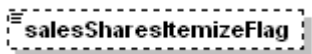
element PAYOR_TYPE/filerCcc

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| type | CCC_TYPE |
| properties | isRef 0 content simple |
| facets | Kind Value annotation length 8 |
| source | <code><xs:element name="filerCcc" type="ns1:CCC_TYPE"/></code> |

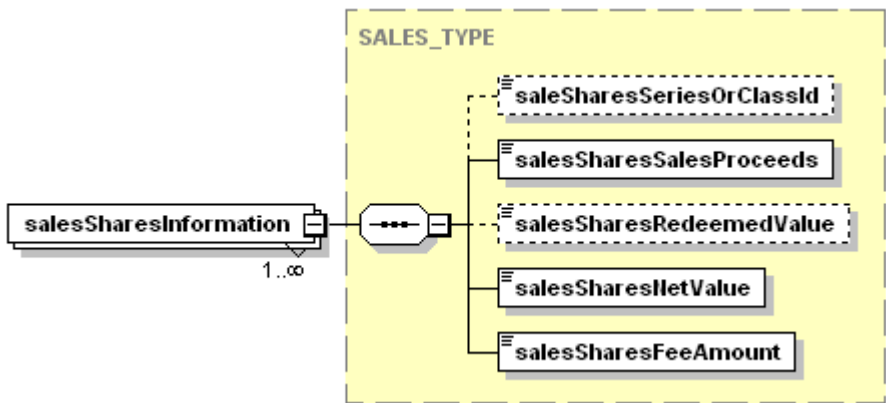
complexType **SALES_SHARES_TYPE**

| | |
|-----------|--|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| children | salesSharesItemizeFlag salesSharesInformation |
| used by | element FEE_SALES_SHARE_TYPE/submissionSalesShares |
| source | <pre><xs:complexType name="SALES_SHARES_TYPE"> <xs:sequence> <xs:element name="salesSharesItemizeFlag" type="ns1:TRUE_FALSE_TYPE" minOccurs="0"/> <xs:element name="salesSharesInformation" type="SALES_TYPE" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType></pre> |

element **SALES_SHARES_TYPE/salesSharesItemizeFlag**

| | |
|------------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| type | TRUE_FALSE_TYPE |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| facets | Kind Value annotation pattern true pattern false |
| source | <pre><xs:element name="salesSharesItemizeFlag" type="ns1:TRUE_FALSE_TYPE" minOccurs="0"/></pre> |

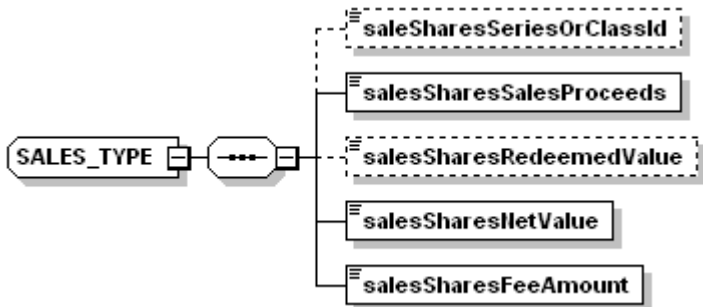
element **SALES_SHARES_TYPE/salesSharesInformation**

| | |
|-----------|--|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |


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| | |
|------------|--|
| type | SALES_TYPE |
| properties | isRef 0 minOcc 1 maxOcc unbounded content complex |
| children | saleSharesSeriesOrClassId salesSharesSalesProceeds salesSharesRedeemedValue salesSharesNetValue salesSharesFeeAmount |
| source | <pre><xs:element name="salesSharesInformation" type="SALES_TYPE" maxOccurs="unbounded"/></pre> |

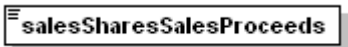
complexType **SALES_TYPE**

| | |
|-----------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| children | saleSharesSeriesOrClassId salesSharesSalesProceeds salesSharesRedeemedValue salesSharesNetValue salesSharesFeeAmount |
| used by | element SALES_SHARES_TYPE/salesSharesInformation |
| source | <pre><xs:complexType name="SALES_TYPE"> <xs:sequence> <xs:element name="saleSharesSeriesOrClassId" type="ns2:SERIES_CLASS_TYPE" minOccurs="0"/> <xs:element name="salesSharesSalesProceeds" type="EDGAR_MONEY"/> <xs:element name="salesSharesRedeemedValue" type="EDGAR_MONEY" minOccurs="0"/> <xs:element name="salesSharesNetValue" type="EDGAR_MONEY"/> <xs:element name="salesSharesFeeAmount" type="EDGAR_MONEY"/> </xs:sequence> </xs:complexType></pre> |

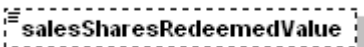
element **SALES_TYPE/saleSharesSeriesOrClassId**

| | |
|------------|--|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| type | SERIES_CLASS_TYPE |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| source | <pre><xs:element name="saleSharesSeriesOrClassId" type="ns2:SERIES_CLASS_TYPE" minOccurs="0"/></pre> |

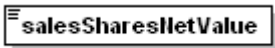
element **SALES_TYPE/salesSharesSalesProceeds**

| | |
|------------|--|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| type | EDGAR MONEY |
| properties | isRef 0 content simple |
| facets | Kind Value annotation minInclusive 0.00 maxInclusive 99999999999999.99 fractionDigits 2 |
| source | <xs:element name="salesSharesSalesProceeds" type="EDGAR_MONEY"/> |

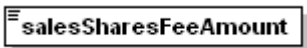
element **SALES_TYPE/salesSharesRedeemedValue**

| | |
|------------|--|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| type | EDGAR MONEY |
| properties | isRef 0 minOcc 0 maxOcc 1 content simple |
| facets | Kind Value annotation minInclusive 0.00 maxInclusive 99999999999999.99 fractionDigits 2 |
| source | <xs:element name="salesSharesRedeemedValue" type="EDGAR_MONEY" minOccurs="0"/> |

element **SALES_TYPE/salesSharesNetValue**

| | |
|------------|--|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| type | EDGAR MONEY |
| properties | isRef 0 content simple |
| facets | Kind Value annotation minInclusive 0.00 maxInclusive 99999999999999.99 fractionDigits 2 |
| source | <xs:element name="salesSharesNetValue" type="EDGAR_MONEY"/> |

element **SALES_TYPE/salesSharesFeeAmount**

| | |
|-----------|---|
| diagram |  |
| namespace | http://www.sec.gov/edgar/feecommon |
| type | EDGAR MONEY |

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|------------|--|
| properties | isRef 0 content simple |
| facets | Kind Value annotation minInclusive 0.00 maxInclusive 99999999999999.99 fractionDigits 2 |
| source | <xs:element name="salesSharesFeeAmount" type="EDGAR_MONEY"/> |

simpleType DEC_NON_NEG_BILLIONS_PREC0

| | |
|-----------|---|
| namespace | http://www.sec.gov/edgar/feecommon |
| type | restriction of xs:decimal |
| facets | Kind Value annotation minInclusive 0 maxInclusive 999999999999 fractionDigits 0 |
| source | <xs:simpleType name="DEC_NON_NEG_BILLIONS_PREC0"> <xs:restriction base="xs:decimal"> <xs:fractionDigits value="0"/> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999999999"/> </xs:restriction> </xs:simpleType> |

simpleType DEC_NON_NEG_BILLIONS_PREC4

| | |
|-----------|--|
| namespace | http://www.sec.gov/edgar/feecommon |
| type | restriction of xs:decimal |
| facets | Kind Value annotation minInclusive 0 maxInclusive 999999999999.9999 fractionDigits 4 |
| source | <xs:simpleType name="DEC_NON_NEG_BILLIONS_PREC4"> <xs:restriction base="xs:decimal"> <xs:fractionDigits value="4"/> <xs:minInclusive value="0"/> <xs:maxInclusive value="999999999999.9999"/> </xs:restriction> </xs:simpleType> |

simpleType EDGAR_MONEY

| | |
|-----------|---|
| namespace | http://www.sec.gov/edgar/feecommon |
| type | restriction of xs:decimal |
| used by | elements FEE_TYPE/feeAmount FEE_TYPE/feeBasis FEE_OFFERING_TYPE/feeOfferingAggregatePrice FEE_OFFERING_TYPE/feeOfferingAmountPerShare FEE_OFFSET_TYPE/offsetAmount SALES_TYPE/salesSharesFeeAmount SALES_TYPE/salesSharesNetValue SALES_TYPE/salesSharesRedeemedValue SALES_TYPE/salesSharesSalesProceeds |
| facets | Kind Value annotation minInclusive 0.00 maxInclusive 99999999999999.99 fractionDigits 2 |

| | |
|--------|---|
| source | <pre><xs:simpleType name="EDGAR_MONEY"> <xs:restriction base="xs:decimal"> <xs:fractionDigits value="2"/> <xs:minInclusive value="0.00"/> <xs:maxInclusive value="99999999999999.99"/> </xs:restriction> </xs:simpleType></pre> |
|--------|---|

simpleType **PAYMENT_METHOD_TYPE**

| | | | |
|-----------|--|---|------------|
| namespace | http://www.sec.gov/edgar/feecommon | | |
| type | restriction of xs:string | | |
| used by | element | FEE_TYPE/feePaymentMethod | |
| facets | Kind | Value | annotation |
| | enumeration | LOCKBOX | |
| | enumeration | FEDWIRE | |
| source | <pre><xs:simpleType name="PAYMENT_METHOD_TYPE"> <xs:restriction base="xs:string"> <xs:enumeration value="LOCKBOX"/> <xs:enumeration value="FEDWIRE"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType **PAYMENT_TYPE**

| | | | |
|-----------|--|--|------------|
| namespace | http://www.sec.gov/edgar/feecommon | | |
| type | restriction of xs:string | | |
| used by | element | FEE_OFFERING_TYPE/feeOfferingTypeOfPayment | |
| facets | Kind | Value | annotation |
| | enumeration | Pay In Advance | |
| | enumeration | Pay As You Go | |
| source | <pre><xs:simpleType name="PAYMENT_TYPE"> <xs:restriction base="xs:string"> <xs:enumeration value="Pay In Advance"/> <xs:enumeration value="Pay As You Go"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType **SECURITY_TYPE**

| | |
|-----------|--|
| namespace | http://www.sec.gov/edgar/feecommon |
| type | union of (SECURITY_TYPE_BASE , SECURITY_TYPE_OTHER) |
| used by | element FEE_OFFERING_TYPE/feeOfferingSecurityName |
| source | <xs:simpleType name="SECURITY_TYPE"> <xs:union memberTypes="SECURITY_TYPE_BASE SECURITY_TYPE_OTHER"/> </xs:simpleType> |

simpleType **SECURITY_TYPE_BASE**

| | | | |
|-----------|------------------------------------|--|--|
| namespace | http://www.sec.gov/edgar/feecommon | | |
|-----------|------------------------------------|--|--|

| | | | |
|---------|---|-------------------------------|------------|
| type | restriction of xs:string | | |
| used by | simpleType | SECURITY_TYPE | |
| facets | Kind | Value | annotation |
| | enumeration | Debt | |
| | enumeration | Non-Convertible Debt | |
| | enumeration | Debt Convertible into Equity | |
| | enumeration | Equity | |
| | enumeration | Asset-Backed Securities | |
| | enumeration | Mortgage Backed Securities | |
| | enumeration | Limited Partnership Interests | |
| | enumeration | Unallocated (Universal) Shelf | |
| | enumeration | ADRs/ADSs | |
| | enumeration | Face Amount Certificates | |
| | enumeration | Other | |
| source | <pre><xs:simpleType name="SECURITY_TYPE_BASE"> <xs:restriction base="xs:string"> <xs:enumeration value="Debt"/> <xs:enumeration value="Non-Convertible Debt"/> <xs:enumeration value="Debt Convertible into Equity"/> <xs:enumeration value="Equity"/> <xs:enumeration value="Asset-Backed Securities"/> <xs:enumeration value="Mortgage Backed Securities"/> <xs:enumeration value="Limited Partnership Interests"/> <xs:enumeration value="Unallocated (Universal) Shelf"/> <xs:enumeration value="ADRs/ADSs"/> <xs:enumeration value="Face Amount Certificates"/> <xs:enumeration value="Other"/> </xs:restriction> </xs:simpleType></pre> | | |

simpleType **SECURITY_TYPE_OTHER**

| | | | |
|-----------|--|-------------------------------|------------|
| namespace | http://www.sec.gov/edgar/feecommon | | |
| type | restriction of xs:string | | |
| used by | simpleType | SECURITY_TYPE | |
| facets | Kind | Value | annotation |
| | pattern | Other\..{1,106} | |
| source | <pre><xs:simpleType name="SECURITY_TYPE_OTHER"> <xs:restriction base="xs:string"> <xs:pattern value="Other\..{1,106}"/> </xs:restriction> </xs:simpleType></pre> | | |

APPENDIX E. 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 |