

# SFAC 8 Reports (Seattle Method):

Verification Tool:

<https://pacioli.auditchain.finance/tools/PowerUserTool.swinb>

Base XBRL Taxonomy:

[http://www.xbrlsite.com/seattlemethod/golden/sfac8/sfac8\\_ModelStructure.html](http://www.xbrlsite.com/seattlemethod/golden/sfac8/sfac8_ModelStructure.html)

## REFERENCE IMPLEMENTATION: (To test XBRL Taxonomy)

% SFAC 8 Golden – Seattle Method **OK** %

```
checkReport3("http://xbrlsite.com/seattlemethod/golden/sfac8/instance.xml",
['http://xbrlsite.com/seattlemethod/cm/model-structure-rules-strict-def.xml',
'http://xbrlsite.com/seattlemethod/golden/sfac8/fac.xsd',
'http://xbrlsite.com/seattlemethod/golden/sfac8/dm.xsd', 'http://xbrlsite.com/seattlemethod/golden/sfac8/dr-rules-def.xml', 'http://xbrlsite.com/seattlemethod/golden/sfac8/typeSubtype-rules-def.xml'],
[newRulesFormat, auditchainTestUI, saveToIPFS, extendedJSON, cacheValidity(0)], Result, IPFSlink).
```

<https://ipfs.infura.io/ipfs/QmPZhGgq3Zrwqp8RRQu8CuUGxztEx1JHZ4MErh19Pyd6iH>

<http://www.xbrlsite.com/seattlemethod/golden/sfac8/evidence-package/>

The screenshot displays the XBRL software interface. On the left, a 'Components (7)' pane shows a tree view of financial statements, with 'Comprehensive Income [Roll Up]' selected. The main window shows a 'Fact Table' for the 'Comprehensive Income Statement [Hypercube]' for the period 2020-01-01 to 2020-12-31. The table lists various income components with their values.

Comprehensive Income [Roll Up]	2020-01-01/2020-12-31
Revenues	7,000
(Expenses)	(3,000)
Gains	1,000
(Losses)	(2,000)
<b>Comprehensive Income</b>	<b>3,000</b>

A 'Fact Characteristics and Properties' dialog box is open, showing details for the selected 'Gains' fact:

- Reporting Entity:** GH259400TOMPUOLS65II <http://standards.iso.org/iso/...>
- Period:** 2020-01-01/2020-12-31
- Concept:** Gains
- Name:** sfac8:Gains
- Prefix:** sfac8
- Balance Type:** Credit
- Period Type:** For Period (duration)
- Data Type:** Monetary (xbrl:monetaryItemType)
- Fact Value:** 1000
- Units:** iso4217:USD
- Decimals (rounding):** 0
- Nil:**










## BS1-IS1

<http://www.xbrlsite.com/seattlemethod/golden/reports/sfac8/BS1-IS1/sfac8-BS1-IS1.zip>

% **SFAC 8 - BS1-IS1 - Golden OK** %

```
checkReport3("http://www.xbrlsite.com/seattlemethod/golden/reports/sfac8/BS1-IS1/instance.xml",  
['http://www.xbrlsite.com/seattlemethod/cm/model-structure-rules-strict-def.xml',  
'http://www.xbrlsite.com/seattlemethod/golden/sfac8/fac/BS1-IS1/reportingstyle.xsd',  
'http://www.xbrlsite.com/seattlemethod/golden/sfac8/dm2.xsd','http://www.xbrlsite.com/seattlemethod/golden/sfac8/fac/BS1-IS1/dr-rules-def.xml',  
'http://www.xbrlsite.com/seattlemethod/golden/sfac8/fac/BS1-IS1/types-rules-def.xml'],  
[newRulesFormat, auditchainTestUI, saveToIPFS, extendedJSON, cacheValidity(0)], Result, IPFSlink).
```

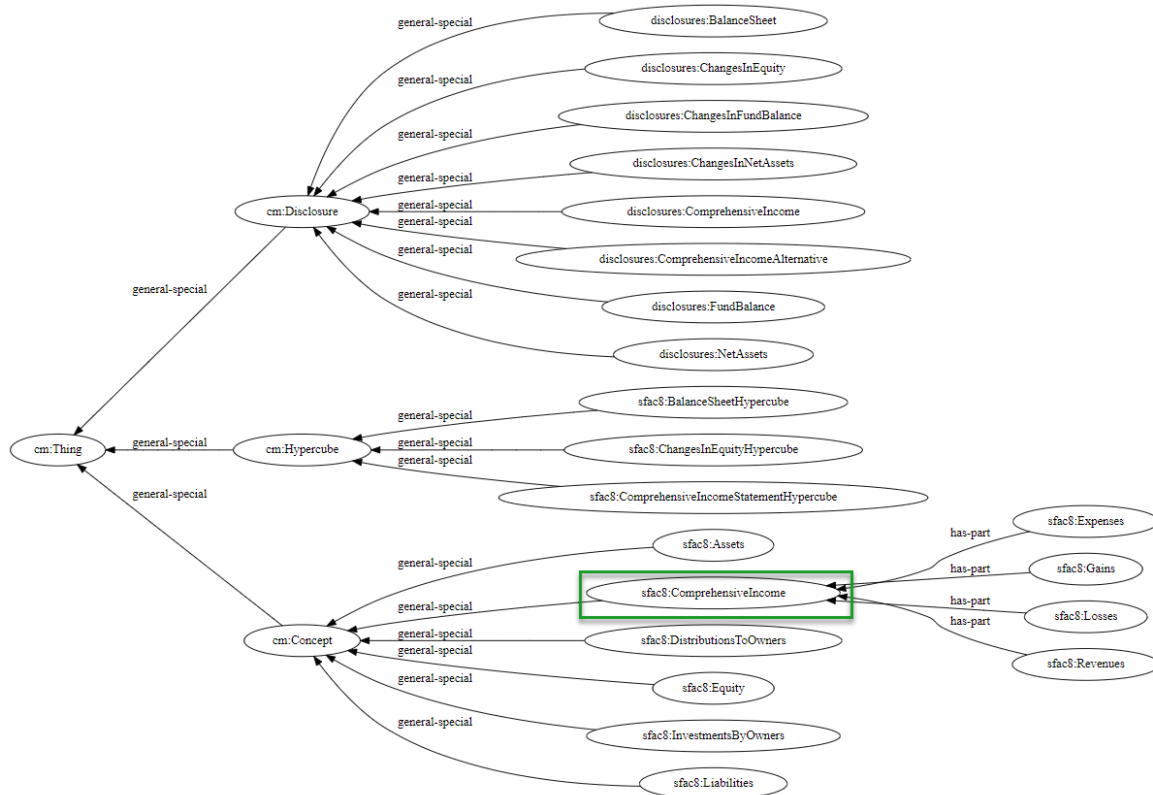
<https://ipfs.infura.io/ipfs/Qmbp8V2nBbhy3KqxxGpTVt2KKv1aBNr9qvLsz2vXXXtcFQ>

#	Verification Category	Result
1	XBRL Technical Syntax Verification	
2	Report Mathematical Computations Verification (XBRL Calculations)	
3	Report Mathematical Computations Verification (XBRL Formulas)	
4	Report Model Structure Verification	
5	Fundamental Accounting Concept Consistency Crosschecks Verification	
6	Type-subtype (wider-narrower) Associations Verification	
7	Disclosure Mechanics Verification	
8	Report Disclosure Checklist Verification	
9	Other	

#	Verification Category	Result
1	XBRL Technical Syntax Verification	✓
2	Report Mathematical Computations Verification (XBRL Calculations)	✓
3	Report Mathematical Computations Verification (XBRL formulas)	✓
4	Report Model Structure Verification	✓
5	Fundamental Accounting Concept Consistency Crosschecks Verification	✓
6	Type-subtype (wider-narrower) Associations Verification	✓
7	Disclosure Mechanics Verification	✓
8	Report Disclosure Checklist Verification	✓
9	Other	✓

#	Verification Category	Result
1	XBRL Technical Syntax Verification	
2	Report Mathematical Computations Verification (XBRL Calculations)	
3	Report Mathematical Computations Verification (XBRL formulas)	
4	Report Model Structure Verification	
5	Fundamental Accounting Concept Consistency Crosschecks Verification	
6	Type-subtype (wider-narrower) Associations Verification	
7	Disclosure Mechanics Verification	
8	Report Disclosure Checklist Verification	

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<https://bafybeigigicelsrosvfxsgrbqr2o4b23d4ayqsnry4skhlq43ucfjx4yy4.ipfs.infura-ipfs.io/blocks.html>

#	Network	Hypercube	Block	Disclosures
1	01-Balance Sheet	(implied)	Assets [Arithmetic]	disclosures:BalanceSheet
2	03-Comprehensive Income	(implied)	Comprehensive Income [RollUp]	disclosures:ComprehensiveIncome
3	07-Changes in Equity	(implied)	Equity, Beginning Balance [RollForward]	disclosures:ChangesInEquity










## BS1-IS2

<http://www.xbrlsite.com/seattlemethod/golden/reports/sfac8/BS1-IS2/sfac8-BS1-IS2.zip>

% **SFAC 8 - BS1-IS2 - Golden OK** %

```
checkReport3("http://www.xbrlsite.com/seattlemethod/golden/reports/sfac8/BS1-IS2/instance.xml",  
[ 'http://www.xbrlsite.com/seattlemethod/cm/model-structure-rules-strict-def.xml',  
  'http://www.xbrlsite.com/seattlemethod/golden/sfac8/fac/BS1-IS2/reportingstyle.xsd',  
  'http://www.xbrlsite.com/seattlemethod/golden/sfac8/dm2.xsd', 'http://www.xbrlsite.com/seattlemethod/golden/sfac8/fac/BS1-IS2/dr-rules-def.xml',  
  'http://www.xbrlsite.com/seattlemethod/golden/sfac8/fac/BS1-IS2/types-rules-def.xml'],  
[newRulesFormat, auditchainTestUI, saveToIPFS, extendedJSON, cacheValidity(0)], Result, IPFSlink).
```

<https://ipfs.infura.io/ipfs/QmWqjkFrjcc3k3s8WCdwMjTP3nRcbZahrDREywGX1Nebqt>

#	Verification Category	Result
1	XBRL Technical Syntax Verification	
2	Report Mathematical Computations Verification (XBRL Calculations)	
3	Report Mathematical Computations Verification (XBRL Formulas)	
4	Report Model Structure Verification	
5	Fundamental Accounting Concept Consistency Crosschecks Verification	
6	Type-subtype (wider-narrower) Associations Verification	
7	Disclosure Mechanics Verification	
8	Report Disclosure Checklist Verification	
9	Other	

#	Verification Category	Result
1	XBRL Technical Syntax Verification	✓
2	Report Mathematical Computations Verification (XBRL Calculations)	✓
3	Report Mathematical Computations Verification (XBRL formulas)	✓
4	Report Model Structure Verification	✓
5	Fundamental Accounting Concept Consistency Crosschecks Verification	✓
6	Type-subtype (wider-narrower) Associations Verification	✓
7	Disclosure Mechanics Verification	✓
8	Report Disclosure Checklist Verification	✓
9	Other	✓

#	Verification Category	Result
1	XBRL Technical Syntax Verification	
2	Report Mathematical Computations Verification (XBRL Calculations)	
3	Report Mathematical Computations Verification (XBRL formulas)	
4	Report Model Structure Verification	
5	Fundamental Accounting Concept Consistency Crosschecks Verification	
6	Type-subtype (wider-narrower) Associations Verification	
7	Disclosure Mechanics Verification	
8	Report Disclosure Checklist Verification	

<https://bafybeid6keemrny3gnvyavgps25yw2emfvdwwwpmds6yr4gf6dw7jw6m.ipfs.infura-ipfs.io/typeSubTypeGraph.html>



<https://bafybeid6keemrny3gnvyavgps25yw2emfvdwwwpmds6yr4gf6dw7jw6m.ipfs.infura-ipfs.io/blocks.html>

#	Network	Hypercube	Block	Disclosures
1	01-Balance Sheet	(implied)	Assets [Arithmetic]	disclosures:BalanceSheet
2	03-Comprehensive Income	(implied)	Comprehensive Income [RollUp]	disclosures:ComprehensiveIncomeAlternative
3	07-Changes in Equity	(implied)	Equity, Beginning Balance [RollForward]	disclosures:ChangesInEquity










## NA1-IS3

<http://www.xbrlsite.com/seattlemethod/golden/reports/sfac8/NA1-IS3/sfac8-NA1-IS3.zip>

% SFAC 8 - NA1-IS3 - Golden OK %

```
checkReport3("http://www.xbrlsite.com/seattlemethod/golden/reports/sfac8/NA1-IS3/instance.xml",  
[ 'http://www.xbrlsite.com/seattlemethod/cm/model-structure-rules-strict-def.xml',  
  'http://www.xbrlsite.com/seattlemethod/golden/sfac8/fac/NA1-IS3/reportingstyle.xsd',  
  'http://www.xbrlsite.com/seattlemethod/golden/sfac8/dm2.xsd', 'http://www.xbrlsite.com/seattlemethod/golden/sfac8/fac/NA1-IS3/dr-rules-def.xml',  
  'http://www.xbrlsite.com/seattlemethod/golden/sfac8/fac/NA1-IS3/types-rules-def.xml'],  
[newRulesFormat, auditchainTestUI, saveToIPFS, extendedJSON, cacheValidity(0)], Result, IPFSlink).
```

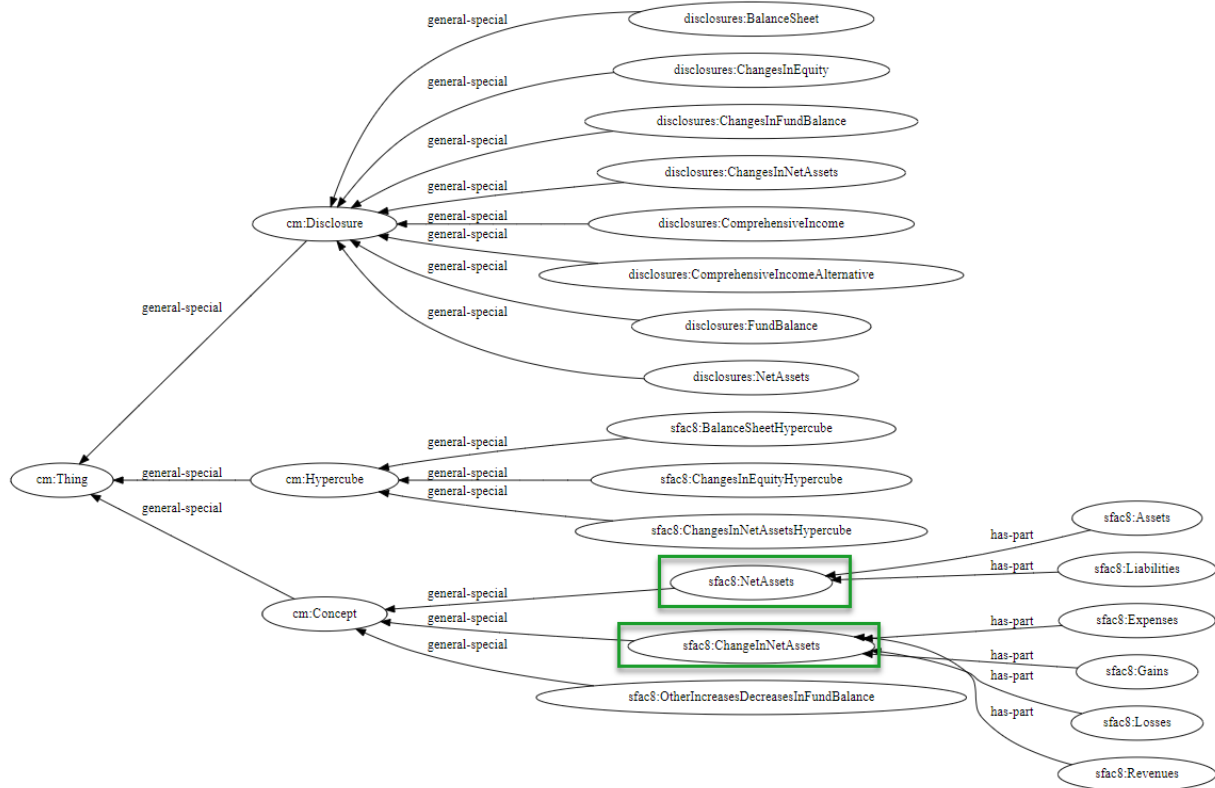
<https://ipfs.infura.io/ipfs/QmTUh1hDD3254RKvvsdCegSw3FiyD1kENAtNow7mXREosv>

#	Verification Category	Result
1	XBRL Technical Syntax Verification	
2	Report Mathematical Computations Verification (XBRL Calculations)	
3	Report Mathematical Computations Verification (XBRL Formulas)	
4	Report Model Structure Verification	
5	Fundamental Accounting Concept Consistency Crosschecks Verification	
6	Type-subtype (wider-narrower) Associations Verification	
7	Disclosure Mechanics Verification	
8	Report Disclosure Checklist Verification	
9	Other	

#	Verification Category	Result
1	XBRL Technical Syntax Verification	✓
2	Report Mathematical Computations Verification (XBRL Calculations)	✓
3	Report Mathematical Computations Verification (XBRL formulas)	✓
4	Report Model Structure Verification	✓
5	Fundamental Accounting Concept Consistency Crosschecks Verification	✓
6	Type-subtype (wider-narrower) Associations Verification	✓
7	Disclosure Mechanics Verification	✓
8	Report Disclosure Checklist Verification	✓
9	Other	✓

#	Verification Category	Result
1	XBRL Technical Syntax Verification	
2	Report Mathematical Computations Verification (XBRL Calculations)	
3	Report Mathematical Computations Verification (XBRL formulas)	
4	Report Model Structure Verification	
5	Fundamental Accounting Concept Consistency Crosschecks Verification	
6	Type-subtype (wider-narrower) Associations Verification	
7	Disclosure Mechanics Verification	
8	Report Disclosure Checklist Verification	

<https://bafybeicmlgxxjygi2zos65jnidal4y4rf72ib2faij3r6uv35peswo7oje.ipfs.infura-ipfs.io/typeSubTypeGraph.html>



<https://bafybeicmlgxxjygi2zos65jnidal4y4rf72ib2faij3r6uv35peswo7oje.ipfs.infura-ipfs.io/blocks.html>

#	Network	Hypercube	Block	Disclosures
1	01-Statement of Net Assets	(implied)	Net Assets [RollUp]	disclosures:NetAssets
2	02-Statement of Changes in Net Assets	(implied)	Change in Net Assets [RollUp]	disclosures:ChangesInNetAssets
3	03-Statement of Changes in Fund Balance	(implied)	Fund Balance, Beginning Balance [RollForward]	disclosures:ChangesInFundBalance

**Pacioli Options:**

<b>Option</b>	<b>Description</b>
noXBRLvalidation	Turns off XBRL technical syntax verification. By default, XBRL technical syntax verification is performed.
noCalculations	Turns off XBRL calculations verification. By default, XBRL calculations verification is performed.
isLinkbase	Indicates that the file being verified is a linkbase as opposed to an XBRL instance.
autoloadReportingStyle	Will automatically load reporting styles for an XBRL instance coming from the SEC website per a CSV mapping file between CIK and reporting style.
renderFAConly	Only render Fundamental Accounting Concepts (FAC) verification results, do NOT render information from actual report.
doNotRenderFAC	If FAC rules are provided, suppresses rendering of the FAC verification results.
newRulesFormat	Uses the XBRL formula format that uses precondition for derivation rules. By default, the old XBRL formula format is used for derivation rules.
removePrecondFallbacks	Forces the fallbacks on preconditions to be ignored if they exist.
removeValueAssertionFallbacks	Forces the fallbacks on value assertions to be ignored if they exist.
valueAssertionsCanDerive	Indicates that value assertions can be used as derivation rules (this is used only with the old FAC XBRL formula derivation rule format).
lastPeriodOnly	Forces FAC verification to focus on the last balance sheet date and last income statement and cash flow statement period.
definitionGraphs	Forces XBRL definition relations graphs to be rendered. By default, XBRL definition graphs are not rendered.
saveToIPFS	Indicates that the verification results should be uploaded and saved to IPFS. Requires the use of the "extendedJSON" parameter also.
extendedJSON	Indicates that the logical model of the report should be serialized and provided in JSON for the report being verified. By default a smaller set of information is provided.
doNOTaddFACzeros	Used for debugging only. Used to suppress derivation of facts for certain contexts.
showPROLOGrules	Used for debugging only. Shows PROLOG debugging information.
cacheValidity( <i>seconds</i> )	Indicates whether the file cache should be overridden during verification of a report. Value of 3600 indicates that cache should not be updated. Value of 0 seconds indicates that all files should be updated in the cache.
supressWarnings	Suppresses warning messages; does not write in messages summary.
auditchainTestUI	Generate Auditchain Explorer Viewer for report and report model. (requires saveToIPFS and extendedJSON)