Report TPTOBS

Compendium of verification rules for the security-by-security reporting of investment funds

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Contents

1   Introduction

This compendium groups all the verification rules that apply to the security-by-security reporting of investment funds. Instructions concerning data collection are detailed in the document «Instructions for the security-by-security reporting of investment funds».

The aim of the present document is to describe the various internal consistency checks executed by the BCL on the security-by-security reporting (TPTOBS) as well as the consistency checks between the security-by-security reporting and the reports S 1.3 / S 2.13 (Balance sheet reports) and S 2.20 / U 1.1 (financial information).

We should like to insist on the importance of data quality for data transmitted to the BCL as well as the necessity of prior data submission to the verification rules detailed in the technical documentation. Only rigorous control during the entire data production cycle will enable respecting the quality requirements and avoiding reporting delays. This point is all the more important since collected data will be double-checked by the ECB before aggregation with the data of the other Member states. Any error or important negligence will have harmful repercussions on the reputation of the whole community of the Luxembourg financial institutions.

2 Verification rules

2.1 Permanent verification rules

The security-by-security reporting is subject to internal verification rules and consistency checks with the BCL statistical reports S 1.3, S 2.13, S 2.20 and the U 1.1 CSSF report.

2.1.1 Internal verification rules for the security-by-security reporting

The following internal verification rules are applicable:

1. The following items are authorised:

    -   1-003000 Debt securities held
    -   1-005000 Equity and investment fund shares/units held
    -   2-002050 Borrowings / Short sales of securities
    -   2-003000 Debt securities issued
    -   2-004000 Shares/units issued

2. The following lines are authorised:

Item 1-003000	Item 1-005000
1-003000-XX-XXX-90000	1-005000-XX-XXX-90000

Item 2-002050	Item 2-003000	Item 2-004000
2-002050-XX-XXX-90000	2-003000-XX-XXX-90000	2-004000-XX-XXX-90000

3. For each security, the reported amount (*reportedAmount*) must be greater than or equal to zero, with the exception of issued shares recorded under item 2-004000 for which the reported amount can be negative.

4. For each security quoted in percentage points, if the reported amount (*reportedAmount*) is greater than zero, the nominal capital (*nominalAmount*) must also be greater than zero.

5. For each security quoted in number of units, if the reported amount (*reportedAmount*) is greater than zero, the number of units (*numberOfUnits*) must also be greater than zero.

6. Securities reported with an ISIN number must satisfy the ISO 6166 norm, notably:
    *   The first two digits must correspond to a valid country code (ISO 3166) at the date of issue of the security or to EU, XA, XB, XC, XD and XS. In particular, a code whose two first digits are DU, EV, HF, HS, QS, QT, QU, QY, TE, XF, XX, ZZ is not considered as a valid ISIN code.
    *   The checking by the key.

7. For securities without ISIN number, the country of the issuer must be in line with the ISO codification (ISO 3166), completed by specific codes that the BCL allocated to supranational institutions. The latter are listed in the document «Types of breakdowns for the statistical reporting».

8. For securities without ISIN number, the sector of the issuer must be in line with the list of the document "Types of breakdowns for the statistical reporting".
The authorised values are:

Code	Label
11000	Central government
12100	State government
12200	Local government
12300	Social security funds
21000	Non-financial corporations
22110	Households - Sole proprietors
22120	Households - Physical persons
22200	Non-profit institutions serving households
31000	Central bank
32100	Credit institutions
32200	Other deposit taking corporations
33000	Money market funds (MMF)
41000	Non MMF investment funds
42100	Securitisation vehicles
42200	Central counterparties
42900	Other financial intermediaries
43000	Financial auxiliaries
44000	Captive financial institutions and money lenders
45000	Insurance corporations
46000	Pension funds

9.   The type of holding of a security may take the following values:

Item	Authorised values
1-003000	01, 02, 03
1-005000	01, 02, 03
2-002050	05
2-003000	04
2-004000	04

10. The currency of the nominal must be in line with the ISO codification (ISO 4217)
     The values XXX must not be used.

11. The type of security may take the following values :

Item	Authorised values
1-003000	F.3
1-005000	F.511, F.512, F.519, F.52
2-002050	F.3, F.511, F.512, F.519, F.52
2-003000	F.3
2-004000	F.52

12. For securities without ISIN number, issued and reported as a liability by resident investment funds, the following combination must be used:

Element	Authorised values
Country of issuer	LU
Sector of issuer	33000 (money market funds) 41000 (non-MMF investment funds)
Type of holding	04
Type of security	F.3 (item 2-003000) F.52 (item 2-004000)

13. For type of security F.52 only economic sector codes 33000 and 41000 are allowed.

14. For type of security F.511, F.512 and F.519, economic sectors 33000 and 41000 must not be used.

15. The issue date (*issueDate*) must be lower than or equal to the closing date (*closingDate*).

16. The value of the *Pool factor* must be greater than 0.

It must not be equal to 0.

In exceptional cases the value of the pool factor may exceed 1.

If the *«pool factor»* is not applicable to securities other than shares, the default value «1» must be reported.

17. The coupon type must take one of the following values:

Code	Coupon type
01	fixed
02	progressive
03	floating
04	zero coupon
05	index linked
99	other

18. The coupon frequency must take one of the following values:

Code	Coupon frequency
00	zero coupon
01	annual
02	semi annual
04	quarterly
06	bi-monthly
12	monthly
24	fortnightly
99	other

19. The coupon type «zero coupon» (*couponType* = 04) may only be used in combination with the coupon frequency «zero coupon» (*couponFrequency* = 00) and vice versa.

20. The payment date of the last coupon (*couponLastPaymentDate*)
- If no coupon payment was made, the date of the last coupon payment date is the issue date of the security.
- The payment date of the last coupon must be greater than or equal to the issue date (*issueDate*).
- The payment date of the last coupon must be lower than or equal to the final maturity issue date (*finalMaturityDate*).

21. The coupon rate *(couponRate)* is the annualised rate applicable at the date of the report and expressed in percentage. For example, the value to be reported for an annualised coupon rate of 5.5% is 5.5.

22. The difference between the closing date and the payment date of the last coupon (*closingdate – couponLastPaymentDate)* must be coherent with the coupon frequency.

Code	Coupon frequency	*closingdate – couponLastPaymentDate*
00	zero coupon	>= 0
01	Annual	>= 0 and < 720 days
02	semi annual	>= 0 and < 360 days
04	quarterly	>= 0 and < 180 days
06	bi-monthly	>= 0 and < 124 days
12	monthly	>= 0 and < 62 days
24	fortnightly	>= 0 and < 31 days
99	other	>= 0

Remark:

- The criteria are defined as twice the number of days of the coupon frequency in order to allow exceptions for the first coupon payment.

Example:

- A debt security with an annual coupon frequency is issued on 18 January 2022 with a maturity date on 16 April 2027. The actual first coupon payment is on 16 April 2023. Hence, for the reporting period 202302, as no coupon payments are made, the date for the *couponLastPaymentDate* is the issue date (i.e. 18 January 2022) as defined in point 20. In that case the difference *closingdate – couponLastPaymentDate* (i.e 28/02/2022 – 18/01/2022) is 400 days, which is greater than 360 days (annual coupon frequency is 360 days).

23. If the payment date of the last coupon (*couponLastPaymentDate*) is strictly greater than the issue date (*issueDate*) and strictly lower than the final maturity date (*finalMaturityDate*), then the coupon rate must be different from zero (*couponRate* <>0).

24. If the frequency of coupon is not zero coupon (*couponFrequency* <> 00) and the coupon type is fixed (*couponType* = 01) then the coupon rate must be different from zero (*couponRate* <>0).

25. As a rule, the date of a split or a reverse split of shares/units (*splitdate*) must be the date of the period of the first statistical reporting: 31.12.2008.

26. If a split or a reverse split has occurred during the reference period, the date is the day of the month during which the operation took place.

27. The default value for the split ratio (*splitRatio*) is 1. If a split has occurred during the reference period, the ratio (*splitRatio*) equals the number of new shares/units for an existing share/unit. If a split has occurred, the ratio is higher than 1. If a reverse split has occurred, the ratio is between 0 and 1.

28. The sector code «12100» State administration may only be used in combination with a country code of a country that has adopted the structure of a federal state.
   The list of countries that have adopted a federal structure is available in the document «List of countries for the purpose of statistical reporting».

2.1.2 Verification rules between the security-by-security reporting and S 1.3 / S 2.13 statistical reports

The verification between S 1.3 / S 2.13 and the security-by-security reporting must be done by respecting the following preliminary conditions:

The following verification rules are applicable:

1. The amount reported in line 1-003000-XX-XXX-90000 of reports S 1.3 / S 2.13 must correspond to the total amount reported (*totalReportedAmount*) for the identifier of the balance sheet line 1-003000.

2. The amount reported in line 1-005000-XX-XXX-90000 of reports S 1.3 / S 2.13 must correspond to the total amount reported (*totalReportedAmount*) for the identifier of the balance sheet line 1-005000.

3. The amount reported in line 2-002050-XX-XXX-90000 of reports S 1.3 / S 2.13 must correspond to the total amount reported (*totalReportedAmount*) for the identifier of the balance sheet line 2-002050.

4. The amount reported in line 2-003000-XX-XXX-90000 of reports S 1.3 / S 2.13 must correspond to the total amount reported (*totalReportedAmount*) for the identifier of the balance sheet line 2-003000.

5. The amount reported in line 2-04000XX-XXX-90000 of reports S 1.3 / S 2.13 must correspond to the total amount reported (*totalReportedAmount*) for the identifier of the balance sheet line 2-004000.

6. When equity securities (line 1-005000) and/or debt securities (line 1-003000) are reported with code «03» for the type of holding (Securities sold under repurchase agreements), the repurchase amount of the securities must be reported in line 2-002040 of the reports S 1.3 / S 2.13.

2.1.3 Verification rules between the security-by-security reporting and U 1.1 / S 2. 20 report

The verification between the security-by-security reporting and the U1.1 / S2.20 must be done by respecting the following preliminary conditions:

Correspondence between U 1.1 / S 2.20 and TPTOBS:

	U1.1 / S2.20	**TPTOBS**
	2. General information on the UCI	**TPT header**
2010	code of the UCI (code of the entity and code of the sub-fund)	Declarant ID (*DeclarantID*)
2030	Base currency of the UCI	Reporting currency (*reportingCurrency*)
	3. Financial information on the UCI in the base currency of the UCI	**TPT liabilities**
3020	Total net asset value of the reference month	Total amount reported
	4. General information on the unit/share class	**2-004000-XX-XXX-90000**
4010	CSSF code of the unit/share class	CSSF class code (*cssfCode*)
4030	Base currency of the unit/share class	Issue currency
4040	ISIN code	ISIN number (*code*), if type of code (*codeType*) ='1'
	5. Financial information on the unit/share class for the reference month	

5010	Number of units/shares outstanding	Number of individual securities (*numberOfUnits*)
5020	Net asset value per unit/share in the base currency of the UCI	reported amount (*reportedAmount*)/ Number of individual securities (*numberOfUnits*)
5070	Total distributions made in the base currency of the UCI	Distributed amount (*distributedAmount*)
5080	Amount of distributions made per unit/share in the base currency of the UCI	Distributed amount (*distributedAmount*) / Number of individual securities

At the level of general information, i.e. identical code of the entity and code of the sub-fund in both reports, the following verification rules are applicable:

1. The base currency of the UCI, item 2030 of U 1.1 / S 2.20 must correspond to the reporting currency (*reportingCurrency*) of the TPT report.

2. The total net asset value of the reference month, item 3020 of U 1.1 / S 2.20 must correspond to the total amount reported (*totalReportedAmount*) for the identifier of the balance sheet line 2-004000.

At the level of unit/share class, i.e. identical code of the entity, code of the sub-fund and code of the unit/share class in both reports, the following verification rules are applicable:

1. The base currency of the unit/share class, item 4030 of U 1.1 / S 2.20 must correspond to the issue currency (*issueCurrency*) of the TPT report.

2. The ISIN code of the unit/share class, item 4040 of U1.1 / S 2.20 must correspond to the ISIN code reported in the TPT.

3. The number of units/shares outstanding for each unit/share class, item 5010 of U 1.1 / S 2.20 must correspond to the number of individual securities (*numberOfUnits*) of the TPT report.

4. The net asset value per unit/share in the base currency of the UCI, item 5020 of U 1.1 / S 2.20 must correspond to the total amount divided by the number of shares issues for the same class (*reportedAmount* / *numberOfUnits*).

5. The total distributions made in the base currency of the UCI, item 5070 of U 1.1 / S 2.20 must correspond the distributed amount for the same class (*distributedAmount*) in the TPT report.