

Guidance Note

Validation and verification of the '4.1 BIA' Sheet

Relevant to the JFSC's prudential reporting requirements of JIBs

Issued: December 2018

Revised February 2019 to amend column header in tables to refer to 'Column', rather than the previous 'Year'

1 Overview

General points

- 1.1 No data to be entered unless the JIB uses the 4.1 BIA method for calculation of operational risk, which must be reflected in the Submission Header.
- 1.2 The validation and verification checks performed on submission are set out herein.
- 1.3 Excel data validation in the template is limited as follows:
 - 1.3.1 For monetary amounts, cells have been restricted so that only integers in the range -1,000,000,000 to +1,000,000,000 can be entered, unless otherwise noted. As the unit is £1,000, this means that values of +/- £1 trillion are permitted.
 - 1.3.2 Excel only checks validation on direct input and/or if manually requested so it should not be considered to be a failsafe – *JIBs* should check their data and the *JFSC* will check the data on submission.
 - 1.3.3 Submission of the template to the *JFSC* will prompt the checks to run. If all checks are passed, the submission will be accepted, this fact communicated to the *JIB* together with a list of any warnings.
- 1.4 In the tables below, both the item (in bold) and the Excel Location (Sheet and Cell reference) are provided.
- 1.5 When a test is failed, the message received will be as described herein.
- 1.6 The '**Check**' is a unique identifier for each test, provided within the message to enable the recipient to match the error message to this guidance.

2 Data input validation

Validation of cells where data entry expected or that should be left blank

2.1 The table in this Section outlines the tests performed on cells where data entry is expected or that should be left blank (and are locked in the Excel workbook). Calculated fields are addressed in Section 3.

Check	Sheet	Item	Column	Cell Ref	Validation Message
1	4.1 BIA	A.1	Last Year	D3	Must be blank
2	4.1 BIA	A.1	1 year prior	E3	Must be blank
3	4.1 BIA	A.1	2 years prior	F3	Must be blank
4	4.1 BIA	A.2	Consistency	C4	Must be blank
5	4.1 BIA	A.0	Last Year	D5	Must be blank
6	4.1 BIA	A.0	1 year prior	E5	Must be blank
7	4.1 BIA	A.0	2 years prior	F5	Must be blank
8	4.1 BIA	B.1	Consistency	C6	Must be blank
9	4.1 BIA	B.1	Last year	D6	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
10	4.1 BIA	B.1	1 year prior	E6	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
11	4.1 BIA	B.1	2 years prior	F6	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
12	4.1 BIA	B.2	Consistency	C7	Must be blank
13	4.1 BIA	B.2	Last year	D7	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
14	4.1 BIA	B.2	1 year prior	E7	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000

Check	Sheet	Item	Column	Cell Ref	Validation Message
15	4.1 BIA	B.2	2 years prior	F7	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
16	4.1 BIA	B.0	Consistency	C8	Must be blank
17	4.1 BIA	C.1	Consistency	C9	Must be blank
18	4.1 BIA	C.1	1 year prior	E9	Must be blank
19	4.1 BIA	C.1	2 years prior	F9	Must be blank
20	4.1 BIA	C.1	Consistency	C10	Must be blank
21	4.1 BIA	D.0	1 year prior	E10	Must be blank
22	4.1 BIA	D.0	2 years prior	F10	Must be blank

3 Calculation checks

Validation of cells where there is a calculation

3.1 The tables in this Section outline the tests performed on cells where the Excel workbook contains calculations.

Check	Sheet	Item	Column	Cell Ref	Excel
23	4.1 BIA	A.1	Last year	C3	= 'Submission Header'!B6
24	4.1 BIA	A.2	Last year	D4	= COUNT(D6:D7)
25	4.1 BIA	A.2	1 year prior	E4	= COUNT(E6:E7)
26	4.1 BIA	A.2	2 years prior	F4	= COUNT(F6:F7)
27	4.1 BIA	A.0	Consistency	C5	=IF(OR(C3="BIA", SUM(D4:F4)=0) , "TRUE" , "FALSE")
27	4.1 BIA	B.0	Last year	D8	= SUM(D6:D7)
28	4.1 BIA	B.0	1 year prior	E8	= SUM(E6:E7)
29	4.1 BIA	B.0	2 years prior	F8	= SUM(F6:F7)
30	4.1 BIA	C.1	Last year	D9	= IF(MAX(D8:F8)>0, SUMIF(D8:F8,">0") / COUNTIF(D8:F8,">0") ,0)
31	4.1 BIA	D.0	Last year	D10	= ROUND(D9*15%*1250% ,0)

4 Logical checks

4.1 Checks that the data entered is not inconsistent. Fails are highlighted in Red in the template.

Check	Sheet	Item	Column	Cell Ref	Check	Validation Message
32	4.1 BIA	A.0	Last year	C5	Value must equal TRUE	IF Operational Risk Method is not "BIA" then all data entry cells on sheet '4.1 BIA' must be blank