

Guidance Note

Validation and verification of the '5.1 FX & Gold' Sheet

Relevant to the JFSC's prudential reporting requirements of JIBs

Issued: December 2018

1 Overview

General points

- 1.1 The validation and verification checks performed on submission are set out herein.
- 1.2 Excel data validation in the template is limited as follows:
 - 1.2.1 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.
 - 1.2.2 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.
 - 1.2.3 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.
- 1.3 In the tables below, both the item (in bold) and the Excel Location (Sheet and Cell reference) are provided.
- 1.4 When a test is failed, the message received will be as described herein.
- 1.5 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	5.1 FX & Gold	A.1	Balance Sheet Assets	C3	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
2	5.1 FX & Gold	A.1	Balance Sheet Liabilities	D3	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
3	5.1 FX & Gold	A.1	Forward Gross Purchases	F3	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
4	5.1 FX & Gold	A.1	Forward Gross Sales	G3	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
5	5.1 FX & Gold	A.2	Balance Sheet Assets	C4	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
6	5.1 FX & Gold	A.2	Balance Sheet Liabilities	D4	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
7	5.1 FX & Gold	A.2	Forward Gross Purchases	F4	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
8	5.1 FX & Gold	A.2	Forward Gross Sales	G4	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
9	5.1 FX & Gold	A.3	Balance Sheet Assets	C5	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
10	5.1 FX & Gold	A.3	Balance Sheet Liabilities	D5	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
11	5.1 FX & Gold	A.3	Forward Gross Purchases	F5	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
12	5.1 FX & Gold	A.3	Forward Gross Sales	G5	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
13	5.1 FX & Gold	A.4	Balance Sheet Assets	C6	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
14	5.1 FX & Gold	A.4	Balance Sheet Liabilities	D6	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
15	5.1 FX & Gold	A.4	Forward Gross Purchases	F6	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
16	5.1 FX & Gold	A.4	Forward Gross Sales	G6	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
17	5.1 FX & Gold	A.5	Balance Sheet Assets	C7	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
18	5.1 FX & Gold	A.5	Balance Sheet Liabilities	D7	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
19	5.1 FX & Gold	A.5	Forward Gross Purchases	F7	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
20	5.1 FX & Gold	A.5	Forward Gross Sales	G7	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
21	5.1 FX & Gold	A.6	Balance Sheet Assets	C8	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
22	5.1 FX & Gold	A.6	Balance Sheet Liabilities	D8	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
23	5.1 FX & Gold	A.6	Forward Gross Purchases	F8	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
24	5.1 FX & Gold	A.6	Forward Gross Sales	G8	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
25	5.1 FX & Gold	A.7	Balance Sheet Assets	C9	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
26	5.1 FX & Gold	A.7	Balance Sheet Liabilities	D9	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
27	5.1 FX & Gold	A.7	Forward Gross Purchases	F9	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
28	5.1 FX & Gold	A.7	Forward Gross Sales	G9	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
29	5.1 FX & Gold	A.8	Balance Sheet Assets	C10	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
30	5.1 FX & Gold	A.8	Balance Sheet Liabilities	D10	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
31	5.1 FX & Gold	A.8	Forward Gross Purchases	F10	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
32	5.1 FX & Gold	A.8	Forward Gross Sales	G10	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
33	5.1 FX & Gold	A.9	Balance Sheet Assets	C11	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
34	5.1 FX & Gold	A.9	Balance Sheet Liabilities	D11	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
35	5.1 FX & Gold	A.9	Forward Gross Purchases	F11	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
36	5.1 FX & Gold	A.9	Forward Gross Sales	G11	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
37	5.1 FX & Gold	A.10	Balance Sheet Assets	C12	Must be blank
38	5.1 FX & Gold	A.10	Balance Sheet Liabilities	D12	Must be blank
39	5.1 FX & Gold	A.10	Balance Sheet Liabilities	E12	Must be blank
40	5.1 FX & Gold	A.10	Forward Gross Purchases	F12	Must be blank
41	5.1 FX & Gold	A.10	Forward Gross Sales	G12	Must be blank
42	5.1 FX & Gold	A.10	Forward Gross Sales	H12	Must be blank
43	5.1 FX & Gold	A.0	Balance Sheet Assets	C13	Must be blank
44	5.1 FX & Gold	A.0	Balance Sheet Liabilities	D13	Must be blank
45	5.1 FX & Gold	A.0	Balance Sheet Liabilities	E13	Must be blank
46	5.1 FX & Gold	A.0	Forward Gross Purchases	F13	Must be blank
47	5.1 FX & Gold	A.0	Forward Gross Sales	G13	Must be blank
48	5.1 FX & Gold	A.0	Forward Gross Sales	H13	Must be blank
49	5.1 FX & Gold	B.0	Balance Sheet Assets	C14	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
50	5.1 FX & Gold	B.0	Balance Sheet Liabilities	D14	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
51	5.1 FX & Gold	B.0	Forward Gross Purchases	F14	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
52	5.1 FX & Gold	B.0	Forward Gross Sales	G14	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
53	5.1 FX & Gold	D.0	Balance Sheet Assets	C15	Must be blank
54	5.1 FX & Gold	D.0	Balance Sheet Liabilities	D15	Must be blank
55	5.1 FX & Gold	D.0	Balance Sheet Liabilities	E15	Must be blank
56	5.1 FX & Gold	D.0	Forward Gross Purchases	F15	Must be blank
57	5.1 FX & Gold	D.0	Forward Gross Sales	G15	Must be blank
58	5.1 FX & Gold	D.0	Forward Gross Sales	H15	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
59	5.1 FX & Gold	A.1	Spot - Net	E3	= C3 - D3
60	5.1 FX & Gold	A.1	Forward - Net	H3	= F3 - G3
61	5.1 FX & Gold	A.1	Total	I3	= E3 + H3
62	5.1 FX & Gold	A.2	Spot - Net	E4	= C4 - D4
63	5.1 FX & Gold	A.2	Forward - Net	H4	= F4 - G4
64	5.1 FX & Gold	A.2	Total	I4	= E4 + H4
65	5.1 FX & Gold	A.3	Spot - Net	E5	= C5 - D5
66	5.1 FX & Gold	A.3	Forward - Net	H5	= F5 - G5
67	5.1 FX & Gold	A.3	Total	I5	= E5 + H5
68	5.1 FX & Gold	A.4	Spot - Net	E6	= C6 - D6
69	5.1 FX & Gold	A.4	Forward - Net	H6	= F6 - G6
70	5.1 FX & Gold	A.4	Total	I6	= E6 + H6
71	5.1 FX & Gold	A.5	Spot - Net	E7	= C7 - D7
72	5.1 FX & Gold	A.5	Forward - Net	H7	= F7 - G7
73	5.1 FX & Gold	A.5	Total	I7	= E7 + H7
74	5.1 FX & Gold	A.6	Spot - Net	E8	= C8 - D8

Check	Sheet	Item	Column	Cell Ref	Excel
75	5.1 FX & Gold	A.6	Forward - Net	H8	= F8 - G8
76	5.1 FX & Gold	A.6	Total	I8	= E8 + H8
77	5.1 FX & Gold	A.7	Spot - Net	E9	= C9 - D9
78	5.1 FX & Gold	A.7	Forward - Net	H9	= F9 - G9
79	5.1 FX & Gold	A.7	Total	I9	= E9 + H9
80	5.1 FX & Gold	A.8	Spot - Net	E10	= C10 - D10
81	5.1 FX & Gold	A.8	Forward - Net	H10	= F10 - G10
82	5.1 FX & Gold	A.8	Total	I10	= E10 + H10
83	5.1 FX & Gold	A.9	Spot - Net	E11	= C11 - D11
84	5.1 FX & Gold	A.9	Forward - Net	H11	= F11 - G11
85	5.1 FX & Gold	A.9	Total	I11	= E11 + H11
86	5.1 FX & Gold	A.10	Total	I12	= - SUM(I3:I11)
87	5.1 FX & Gold	A.0	Total	I13	= SUMIF(I3:I12 , ">0")
88	5.1 FX & Gold	B.0	Spot - Net	E14	= C14 - D14
89	5.1 FX & Gold	B.0	Forward - Net	H14	= F14 - G14
90	5.1 FX & Gold	B.0	Total	I14	= E14 + H14
91	5.1 FX & Gold	D.0	Total	I15	= I13 + ABS(I14)