

Guidance Note

Validation and verification of the '3.7 OTC - Commodities' Sheet

Relevant to the JFSC's prudential reporting requirements of JIBs

Issued: December 2018

Revised February 2019, to correct name in the 'Sheet' column

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 re 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	3.7 OTC - Commodities	N.5.1	Amount	C4	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
2	3.7 OTC - Commodities	N.5.1	Positive Mark-to-Market	D4	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
3	3.7 OTC - Commodities	N.5.1	Amount After CRM	G4	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
4	3.7 OTC - Commodities	N.5.1	Risk Weighted Amount	H4	Must be blank
5	3.7 OTC - Commodities	N.5.2	Amount	C5	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
6	3.7 OTC - Commodities	N.5.2	Positive Mark-to-Market	D5	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
7	3.7 OTC - Commodities	N.5.2	Amount After CRM	G5	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
8	3.7 OTC - Commodities	N.5.3	Amount	C6	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
9	3.7 OTC - Commodities	N.5.3	Positive Mark-to-Market	D6	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
10	3.7 OTC - Commodities	N.5.3	Amount After CRM	G6	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
11	3.7 OTC - Commodities	N.5.4	Amount	C7	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
12	3.7 OTC - Commodities	N.5.4	Positive Mark-to-Market	D7	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
13	3.7 OTC - Commodities	N.5.4	Amount After CRM	G7	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
14	3.7 OTC - Commodities	N.5.5	Amount	C8	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	3.7 OTC - Commodities	N.5.5	Positive Mark-to-Market	D8	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
16	3.7 OTC - Commodities	N.5.5	Amount After CRM	G8	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
17	3.7 OTC - Commodities	N.5.6	Amount	C9	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
18	3.7 OTC - Commodities	N.5.6	Positive Mark-to-Market	D9	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
19	3.7 OTC - Commodities	N.5.6	Amount After CRM	G9	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
20	3.7 OTC - Commodities	N.5.6	Risk Weighted Amount	H9	Must be blank
21	3.7 OTC - Commodities	N.5.7	Amount	C10	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
22	3.7 OTC - Commodities	N.5.7	Positive Mark-to-Market	D10	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
23	3.7 OTC - Commodities	N.5.7	Amount After CRM	G10	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
24	3.7 OTC - Commodities	N.5.8	Amount	C11	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
25	3.7 OTC - Commodities	N.5.8	Positive Mark-to-Market	D11	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
26	3.7 OTC - Commodities	N.5.8	Amount After CRM	G11	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
27	3.7 OTC - Commodities	N.5.9	Amount	C12	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
28	3.7 OTC - Commodities	N.5.9	Positive Mark-to-Market	D12	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
29	3.7 OTC - Commodities	N.5.9	Amount After CRM	G12	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
30	3.7 OTC - Commodities	N.5.10	Amount	C13	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
31	3.7 OTC - Commodities	N.5.10	Positive Mark-to-Market	D13	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
32	3.7 OTC - Commodities	N.5.10	Amount After CRM	G13	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
33	3.7 OTC - Commodities	N.5.11	Amount	C14	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
34	3.7 OTC - Commodities	N.5.11	Positive Mark-to-Market	D14	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
35	3.7 OTC - Commodities	N.5.11	Amount After CRM	G14	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
36	3.7 OTC - Commodities	N.5.11	Risk Weighted Amount	H14	Must be blank
37	3.7 OTC - Commodities	N.5.12	Amount	C15	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
38	3.7 OTC - Commodities	N.5.12	Positive Mark-to-Market	D15	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
39	3.7 OTC - Commodities	N.5.12	Amount After CRM	G15	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
40	3.7 OTC - Commodities	N.5.13	Amount	C16	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
41	3.7 OTC - Commodities	N.5.13	Positive Mark-to-Market	D16	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
42	3.7 OTC - Commodities	N.5.13	Amount After CRM	G16	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
43	3.7 OTC - Commodities	N.5.14	Amount	C17	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
44	3.7 OTC - Commodities	N.5.14	Positive Mark-to-Market	D17	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
45	3.7 OTC - Commodities	N.5.14	Amount After CRM	G17	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
46	3.7 OTC - Commodities	N.5.15	Amount	C18	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
47	3.7 OTC - Commodities	N.5.15	Positive Mark-to-Market	D18	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000
48	3.7 OTC - Commodities	N.5.15	Amount After CRM	G18	Input must be a whole number in the range -1,000,000,000 to +1,000,000,000

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
49	3.7 OTC - Commodities	N.5.0	Amount	C3	=SUM(C4:C18)
50	3.7 OTC - Commodities	N.5.0	Positive Mark-to-Market	D3	=SUM(D4:D18)
51	3.7 OTC - Commodities	N.5.0	Add-on Amount	E3	=SUM(E4:E18)
52	3.7 OTC - Commodities	N.5.0	Credit Equivalent Amount	F3	=SUM(F4:F18)
53	3.7 OTC - Commodities	N.5.0	Amount After CRM	G3	=SUM(G4:G18)
54	3.7 OTC - Commodities	N.5.0	Risk Weighted Amount	H3	=SUM(H5:H8,H10:H13,H15:H18)
55	3.7 OTC - Commodities	N.5.1	Add-on Amount	E4	=ROUND(C4*10%,0)
56	3.7 OTC - Commodities	N.5.1	Credit Equivalent Amount	F4	=D4+E4
57	3.7 OTC - Commodities	N.5.2	Add-on Amount	E5	=ROUND(C5*10%,0)
58	3.7 OTC - Commodities	N.5.2	Credit Equivalent Amount	F5	=D5+E5
59	3.7 OTC - Commodities	N.5.2	Risk Weighted Amount	H5	=ROUND(G5*20%,0)
60	3.7 OTC - Commodities	N.5.3	Add-on Amount	E6	=ROUND(C6*10%,0)
61	3.7 OTC - Commodities	N.5.3	Credit Equivalent Amount	F6	=D6+E6
62	3.7 OTC - Commodities	N.5.3	Risk Weighted Amount	H6	=ROUND(G6*50%,0)

Check	Sheet	Item	Column	Cell Ref	Excel
63	3.7 OTC - Commodities	N.5.4	Add-on Amount	E7	=ROUND(C7*10%,0)
64	3.7 OTC - Commodities	N.5.4	Credit Equivalent Amount	F7	=D7+E7
65	3.7 OTC - Commodities	N.5.4	Risk Weighted Amount	H7	=ROUND(G7*100%,0)
66	3.7 OTC - Commodities	N.5.5	Add-on Amount	E8	=ROUND(C8*10%,0)
67	3.7 OTC - Commodities	N.5.5	Credit Equivalent Amount	F8	=D8+E8
68	3.7 OTC - Commodities	N.5.5	Risk Weighted Amount	H8	=ROUND(G8*150%,0)
69	3.7 OTC - Commodities	N.5.6	Add-on Amount	E9	=ROUND(C9*12%,0)
70	3.7 OTC - Commodities	N.5.6	Credit Equivalent Amount	F9	=D9+E9
71	3.7 OTC - Commodities	N.5.7	Add-on Amount	E10	=ROUND(C10*12%,0)
72	3.7 OTC - Commodities	N.5.7	Credit Equivalent Amount	F10	=D10+E10
73	3.7 OTC - Commodities	N.5.7	Risk Weighted Amount	H10	=ROUND(G10*20%,0)
74	3.7 OTC - Commodities	N.5.8	Add-on Amount	E11	=ROUND(C11*12%,0)
75	3.7 OTC - Commodities	N.5.8	Credit Equivalent Amount	F11	=D11+E11
76	3.7 OTC - Commodities	N.5.8	Risk Weighted Amount	H11	=ROUND(G11*50%,0)
77	3.7 OTC - Commodities	N.5.9	Add-on Amount	E12	=ROUND(C12*12%,0)
78	3.7 OTC - Commodities	N.5.9	Credit Equivalent Amount	F12	=D12+E12
79	3.7 OTC - Commodities	N.5.9	Risk Weighted Amount	H12	=ROUND(G12*100%,0)
80	3.7 OTC - Commodities	N.5.10	Add-on Amount	E13	=ROUND(C13*12%,0)

Check	Sheet	Item	Column	Cell Ref	Excel
81	3.7 OTC - Commodities	N.5.10	Credit Equivalent Amount	F13	=D13+E13
82	3.7 OTC - Commodities	N.5.10	Risk Weighted Amount	H13	=ROUND(G13*150%,0)
83	3.7 OTC - Commodities	N.5.11	Add-on Amount	E14	=ROUND(C14*15%,0)
84	3.7 OTC - Commodities	N.5.11	Credit Equivalent Amount	F14	=D14+E14
85	3.7 OTC - Commodities	N.5.12	Add-on Amount	E15	=ROUND(C15*15%,0)
86	3.7 OTC - Commodities	N.5.12	Credit Equivalent Amount	F15	=D15+E15
87	3.7 OTC - Commodities	N.5.12	Risk Weighted Amount	H15	=ROUND(G15*20%,0)
88	3.7 OTC - Commodities	N.5.13	Add-on Amount	E16	=ROUND(C16*15%,0)
89	3.7 OTC - Commodities	N.5.13	Credit Equivalent Amount	F16	=D16+E16
90	3.7 OTC - Commodities	N.5.13	Risk Weighted Amount	H16	=ROUND(G16*50%,0)
91	3.7 OTC - Commodities	N.5.14	Add-on Amount	E17	=ROUND(C17*15%,0)
92	3.7 OTC - Commodities	N.5.14	Credit Equivalent Amount	F17	=D17+E17
93	3.7 OTC - Commodities	N.5.14	Risk Weighted Amount	H17	=ROUND(G17*100%,0)
94	3.7 OTC - Commodities	N.5.15	Add-on Amount	E18	=ROUND(C18*15%,0)
95	3.7 OTC - Commodities	N.5.15	Credit Equivalent Amount	F18	=D18+E18
96	3.7 OTC - Commodities	N.5.15	Risk Weighted Amount	H18	=ROUND(G18*150%,0)