

Contents

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1. Introduction

This process is subject to the MDD Forum being established and ongoing discussions within IMSIF.

This document is to be used in conjunction with the RGMA Processes and Data.

The following sections provide a list of Market Domain Data values.

The following fields are not required and were therefore been removed from the MDD list:

- Read Reason – this is evident from the transaction and asset it is associated to e.g. if it is attached to an installed meter then it is an opening reading
- Read Type – this will always be a Meter Worker reading (other values which exist on the current SPA and reading flows such as estimates, customer own reads are not relevant in the context of the RGMA Transactions).

The 'Definitive List' column in the following table identifies where the value for the data item is considered to be:

- G – the definitive list and may be considered for governance (GIGG to confirm)
- C – contains a list which is conditionally definitive e.g. if the address is of an OAMI participant, then only the MDD addresses for an OAMI participant can be used, if it is for a Meter Worker then the address used does not need to be defined within the MDD value set.
- A – representative, industry agreed, fit for purpose set of values, but this should not constrain the values Market Participants use. It is accepted that additional values may be made by commercial agreement.

2. Change History

| Version | Status | Date | Comments |
|---------|--------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0.1 | Issue | 29 th Dec 2003 | <p>Extracted from RGMA Processes & Data Appendix and updated in line with December 2003 CCB.</p> <ul style="list-style-type: none"> - A0037 Asset Status Code: Remove SP Spin capped as this is a meter point status - Additional Market Participant Names and re-names |
| 0.2 | Issue | 19 th Feb 2004 | <p><u>Jan 2004:</u></p> <ul style="list-style-type: none"> - CR 72 03 by e-mail - Market Participant added: REM <p><u>Feb 2004 CCB:</u></p> <ul style="list-style-type: none"> - CR 02 04 Market Participant: Scottish Power both Supplier and Shipper - CR 05 04 Manufacturer: Added MTK & MTM - CR 0604 Asset Status Code: Removed 'OT'her |
| 0.3 | Issue | 22 nd Mar 2004 | <p><u>Mar 2004 CCB:</u></p> <ul style="list-style-type: none"> - Correction to Market Participant roles MFE, MFW, AGA, BPG, STA - Changed Transaction type code UPGRAD to UPGRD - Added sections 4.2-4.4 for model shadow log, converter and converter shadow log information. |
| 1.0 | Issue | 28 th June 2004 | <p><u>April 2004 CCB:</u></p> <ul style="list-style-type: none"> - Section 4.1 (CR 11 04) sub-divided, first section added Transco GT's explanation of their treatment of new model sets - Section 4.2 (CR 11 04) Shadow log table updated, missing meter types allocated code Z, 7 |

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| | | | <p>Model names with " changed to contain * instead of the ", RGMA codes for measuring units provided (instead of Y N flag).</p> <ul style="list-style-type: none"> - Market participant roles changed for ECA, EMI, SGL, EAS (CR's 23, 26 04) - Market Participant LTS added (CR 25 04) and then removed (CR 41 04) - Manufacturer code SIL, OMNI added (CR 22 04) |
| | | | <p><u>May 2004 CCB:</u></p> <ul style="list-style-type: none"> - Market Participant role description for GLZ changed, added Suppliers QNT, VCT, changed QGM, VEC & GLC to Shipper only, added supplier AFF, supplier & shipper SMT (also see CR 42 04), shipper EFB. - Manufacturer SEN added (name change from UGI, but UGI remains for legacy reasons). - Meter model U6 manufactured by SEN added. Meter model with Product Id C38A; multiplication factor changed from * to 1 and moved to shadow table as no longer active and not on Transco portfolio. - Manufacturer SEN added and description for MAG updated. |
| | | | <p><u>June 2004 CCB:</u></p> <ul style="list-style-type: none"> - Market Participant role for SMS added to reflect Siemens roles as MAM and MAP, AGI reflect additional Supplier role, - Meter Model U6 manufactured by INV added to reflect interim transitional name (between UGI and SEN). - Sections 3, 4.1.1 updated to refer to the GT's documentation with regard Product Id. - Update Product Meter Model table to include Meter mechanism and payment method. Changes which included updates to other values are: <p>The following indicated as changed when the Meter mechanism were added have not been changed as confirmed by Transco GT:</p> |

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|--|--|--|----------------------------------------------------------------|-----------|-----|--------|----|---|------|------|---------|
| | | | 99AE | 12X36 | HOC | 100000 | 1 | 7 | 0 | SCFH | R |
| | | | Not: | 12X36 | HOC | 100000 | 10 | 6 | 1000 | SCFH | R CR CR |
| | | | 99AF | 14X42 | HOC | 150000 | 1 | 7 | 0 | SCFH | R |
| | | | Not: | 14X42 | HOC | 150000 | 10 | 6 | 1000 | SCFH | R CR CR |
| | | | Not: | 16X48 | HOC | 250000 | 10 | 6 | 1000 | SCFH | R CR CR |
| | | | 99B0 | 16X48 | HOC | 250000 | 1 | 7 | 0 | SCFH | R |
| | | | Not: | 700T/C | BRA | 700 | 1 | 5 | 0 | SCFH | L CR CR |
| | | | 8265 | 700T/ | BRA | 700 | 1 | 5 | 0 | SCFH | L |
| | | | C425 | U6 | ACT | 6 | 1 | 5 | 0 | SCMH | S |
| | | | Not: | U6 | ACT | 6 | 1 | 5 | 1 | SCMH | S CR CR |
| | | | The following were changed, but not as indicated in the table: | | | | | | | | |
| | | | 9B23 | D88 | PCC | 88000 | 1 | 8 | 0 | SCFH | R |
| | | | Not: | D88 | PCC | 88000 | 1 | 8 | 100 | SCFH | R CR CR |
| | | | Is: | D88 | PCC | 88000 | 1 | 7 | 0 | SCFH | R CR CR |
| | | | C36E | QA16080Z | IGA | 250 | 1 | 6 | 0 | SCMH | R |
| | | | Not: | QA16080Z | IGA | 250 | 1 | 6 | 1 | SCMH | T CR CR |
| | | | Is:C45D | QA16080Z | IGA | 250 | 1 | 6 | 0 | SCMH | T CR CR |
| | | | C36D | QA650150Z | IGA | 1000 | 1 | 6 | 0 | SCMH | R |
| | | | Not: | QA650150Z | IGA | 1000 | 1 | 6 | 1 | SCMH | T CR CR |
| | | | Is: C45E | QA650150Z | IGA | 1000 | 1 | 6 | 0 | SCMH | T CR CR |

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| New Models added (as agreed with Transco GT): | | | | | | | | | | |
| 1200T/C | UGI | 1200 | 1 | 5 | 0 | SCFH | L | CR | CR | |
| 1200T/C | UGI | 1200 | 1 | 5 | 0 | SCFH | L | ET | PP | |
| 1200T/C | UGI | 1200 | 1 | 5 | 0 | SCFH | L | PP | PP | |
| AL250IGA | 250 | 1 | 4 | 0 | SCFH | S | CR | CR | | |
| ETX6 | LPG | 6 | 1 | 5 | 0 | SCMH | U | CR | CR | |
| G100 | JEA | 160 | 1 | 7 | 0 | SCMH | S | CR | CR | |
| G40 | ROM | 65 | 1 | 6 | 0 | SCMH | S | CR | CR | |
| MDA16W | ACT | 16 | 1 | 6 | 0 | SCMH | S | CR | CR | |
| MDA25W | ACT | 25 | 1 | 6 | 0 | SCMH | S | CR | CR | |
| MRA300R | ACT | 300 | 1 | 7 | 1 | SCMH | R | CR | CR | |
| MRA300R | SCH | 300 | 1 | 7 | 1 | SCMH | R | CR | CR | |
| MRA400PD | ACT | 400 | 1 | 7 | 0 | SCMH | R | CR | CR | |
| MRA400PD | SCH | 400 | 1 | 7 | 1 | SCMH | R | CR | CR | |
| MRA400PR | ACT | 400 | 1 | 7 | 0 | SCMH | R | CR | CR | |
| MRA400PR | SCH | 400 | 1 | 7 | 1 | SCMH | R | CR | CR | |
| MRI0025RA | IGA | 25 | 1 | 6 | 0 | SCMH | R | CR | CR | |
| MRI0025RB | IGA | 25 | 1 | 6 | 0 | SCMH | R | CR | CR | |
| MRI0040RA | IGA | 40 | 1 | 6 | 0 | SCMH | R | CR | CR | |
| MRI0040RB | IGA | 40 | 1 | 6 | 0 | SCMH | R | CR | CR | |
| MRI0065RB | IGA | 65 | 1 | 6 | 0 | SCMH | R | CR | CR | |
| MRI0100RB | IGA | 100 | 1 | 6 | 0 | SCMH | R | CR | CR | |
| MRI0160RC | IGA | 160 | 1 | 7 | 0 | SCMH | R | CR | CR | |
| MRI0250RC | IGA | 250 | 1 | 7 | 0 | SCMH | R | CR | CR | |
| MTA250Q | ACT | 250 | 1 | 7 | 1 | SCMH | T | CR | CR | |
| MTA250Q | SCH | 250 | 1 | 7 | 1 | SCMH | T | CR | CR | |
| SC6 | LPG | 6 | 1 | 5 | 0 | SCMH | U | CR | CR | |

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| | | | U6 INV 6 1 5 1 SCMH S CR CR U6 SEN 6 1 5 0 SCMH S CR CR X6 LPG 6 1 5 0 SCMH U CR CR |
| | | | <ul style="list-style-type: none"> - Update Product Meter Model Shadow log table with previous entries updated to include Meter Mechanism and Payment Method combinations. Where there are multiple entries for a previous entry, the previous entry (with blank Mechanism and Payment) have been retained. |
| | | | <u>Other June CR's</u> <ul style="list-style-type: none"> - MDD Market Participant STT removed, MFE and MFW role is MAP not MAM. |
| 1.1 | Issued | 15 th April, 2005 | <ul style="list-style-type: none"> - Added SPAA CP's from CP 04/001 to CP 05/028 |
| 2.0 | Issued | 27 June, 2005 | Added: <ul style="list-style-type: none"> - SPAA MDD Fast Track CP MDD/05/001 |
| 2.1 | Issued | 22 July, 2005 | Added: <ul style="list-style-type: none"> - MDD05/002 - MDD05/003 - MDD05/004 - CR 48 (a Change Request approved prior to RGMA go live but which was not correctly reflected in MDD) |
| 2.2 | Issued | 15 September 2005 | Added: <ul style="list-style-type: none"> - MDD05/005 - MDD05/006 |

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| 3.0 | Issued | 07 November, 2005 | Added: - MDD05/007 - MDD05/008 |
| 4.0 | Issued | 23 February, 2006 | Added: - CP05/045 - CP05/046 - MDD/05/009 - MDD05/010 - MDD05/011 - MDD05/012 - MDD05/013 - MDD06/014 - MDD06/015 - MDD06/016 - MDD06/018 - MDD06/019 - MDD06/020 - MDD06/021 |
| 4.1 | Issued | 17 March, 2006 | Added: - MDD06/023 |
| 4.2 | Issued | 10 May, 2006 | Added: - MDD06/024 |
| 5.0 | Issued | 30 June, 2006 | Added: - CP 06/060 - MDD06/028 - MDD06/029 - MDD06/031 - MDD06/035 - MDD06/036 - MDD06/038 |
| 5.1 | Issued | 04 Sept, 2006 | Added: |

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| 5.2 | Issued | 06 Oct, 2006 | <ul style="list-style-type: none"> - MDD06/039 Added: |
| 5.3 | Issued | 03 Nov, 2006 | <ul style="list-style-type: none"> - CP 06/067 Added: |
| 5.4 | Issued | 01 Dec, 2006 | <ul style="list-style-type: none"> - CP 05/044 - CP 06/068 - CP 06/069 Added: |
| 5.5 | Issued | 02 Jan, 2007 | <ul style="list-style-type: none"> - MDD06/041 - MDD06/042 - MDD06/043 - MDD06/044 Added: |
| 5.6 | Issued | 02 Feb, 2007 | <ul style="list-style-type: none"> - MDD06/045 - MDD06/046 Added: |
| 5.7 | Issued | 02 Feb, 2007 | <ul style="list-style-type: none"> - MDD 07/047 Added: |
| 5.8 | Issued | 30 March, 2007 | <ul style="list-style-type: none"> - MDD 07/048 - MDD 07/049 - MDD 07/050 - MDD 07/051 Added: |
| 5.9 | Issued | 04 June, 2007 | <ul style="list-style-type: none"> - MDD 07/052 - MDD 07/053 - MDD 07/054 - MDD 07/055 Added: |
| 5.10 | Issued | 28 June, 2007 | <ul style="list-style-type: none"> - CP 07/072 Added: |
| 5.10 | Issued | 06 July, | Added: |

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| | | 2007 | <ul style="list-style-type: none"> - MDD 07/056 - MDD 07/057 - MDD 07/058 - MDD 07/059 |
| 5.11 | Issued | 03 August 2007 | Added: <ul style="list-style-type: none"> - MDD 07/060 |
| 5.12 | Issued | 03 September 2007 | Added: <ul style="list-style-type: none"> - MDD 07/061 - MDD 07/062 |
| 5.13 | Issued | 05 October 2007 | Added: <ul style="list-style-type: none"> - MDD 07/064 - MDD 07/065 |
| 5.14 | Issued | 02 November 2007 | Added: <ul style="list-style-type: none"> - MDD 07/066 - MDD 07/067 - MDD 07/068 - CP 07/083 - CP 07/098 - CP 07/099 |
| 5.15 | Issued | 30 November 2007 | Added: <ul style="list-style-type: none"> - MDD 07/070 |
| 5.16 | Issued | 09 January 2008 | Added: <ul style="list-style-type: none"> - MDD 07/071 - MDD 07/072 - MDD 07/073 - MDD 07/074 - MDD 07/075 - MDD 07/076 - MDD 07/077 - MDD 07/078 - MDD 07/079 - MDD 07/080 - MDD 07/081 |
| 6.0 | Issued | 29 February, 2008 | Added <ul style="list-style-type: none"> - CP 07/103 - CP 07/105 |

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| | | | <ul style="list-style-type: none"> - CP 07/106 - CP 07/107 - CP 07/108 - MDD 08/082 |
| 6.1 | Issued | 08 April 2008 | Added <ul style="list-style-type: none"> - MDD 08/083 - MDD 08/084 - MDD 08/085 - MDD 08/086 |
| 6.2 | Issued | 02 May | Added <ul style="list-style-type: none"> - MDD 08/087 - MDD 08/088 - MDD 08/089 - MDD 08/090 - MDD 08/091 |
| 6.3 | Issued | 02 June 2008 | Added <ul style="list-style-type: none"> - MDD 08/092 |
| 6.4 | Issued | 04 July 2008 | Added <ul style="list-style-type: none"> - MDD 08/093 - MDD 08/094 - MDD 08/095 - MDD 08/096 |
| 6.5 | Issued | 01 August 2008 | Added <ul style="list-style-type: none"> - MDD 08/097 |
| 6.6 | Issued | 01 September 2008 | Added <ul style="list-style-type: none"> - MDD 08/098 - MDD 08/100 - MDD 08/103 - MDD 08/104 - MDD 08/105 |
| 6.7 | Issued | 03 October 2008 | Added <ul style="list-style-type: none"> - MDD 08/106 - MDD 08/107 |
| 6.8 | Issued | 31 October 2008 | Added |

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| | | | <ul style="list-style-type: none"> - MDD 08/108 - MDD 08/109 |
| 6.9 | Issued | 05 December 2008 | Added <ul style="list-style-type: none"> - MDD 08/110 - MDD 08/111 - MDD 08/112 |
| 7.0 | Issued | 06 January 2009 | Added <ul style="list-style-type: none"> - MDD 08/115 - MDD 08/116 |
| 7.1 | Issued | 30 January 2009 | Added <ul style="list-style-type: none"> - MDD 09/117 - MDD 09/118 - MDD 09/119 |
| 7.2 | Issued | 06 March 2009 | Added <ul style="list-style-type: none"> - MDD 09/120 - MDD 09/121 - MDD 09/122 - MDD 09/123 |
| 7.3 | Issued | 03 April 2009 | Added <ul style="list-style-type: none"> - MDD 09/124 - MDD 09/125 - MDD 09/126 - MDD 09/127 - MDD 09/128 - MDD 09/129 |
| 7.4 | Issued | 05 May 2009 | Added <ul style="list-style-type: none"> - MDD 09/130 - MDD 09/131 - MDD 09/132 - MDD 09/133 |
| 7.5 | Issued | 03 July | Added <ul style="list-style-type: none"> - MDD 09/134 - MDD 09/135 - MDD 09/136 |
| 7.6 | Issued | 31 July | Added |

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| | | | <ul style="list-style-type: none"> - MDD 09/137 - MDD 09/138 - MDD 09/139 - MDD 09/140 - MDD 09/141 |
| 7.7 | Issued | 07 September 2009 | Added <ul style="list-style-type: none"> - MDD 09/142 - MDD 09/143 - MDD 09/144 - MDD 09/145 |
| 7.8 | Issued | 02 October 2009 | Added: <ul style="list-style-type: none"> - MDD 09/146 - MDD 09/147 |
| 7.9 | Issued | 30 October 2009 | Added <ul style="list-style-type: none"> - MDD 09/148 - MDD 09/149 |
| 8.0 | Issued | 06 November 2009 | Added <ul style="list-style-type: none"> - CP 09/139 |
| 8.1 | Issued | 04 December 2009 | Added <ul style="list-style-type: none"> - MDD 09/151 - MDD 09/152 |
| 8.2 | Issued | 06 January 2010 | Added <ul style="list-style-type: none"> - MDD 09/150 - MDD 09/153 - MDD 09/154 - MDD 09/155 |
| 8.3 | Issued | 26 February 2010 | Added <ul style="list-style-type: none"> - CP 09/147 - CP 09/153 - CP 09/162 |
| 8.4 | Issued | 05 March 2010 | Added <ul style="list-style-type: none"> - MDD 10/156 - MDD 10/157 - MDD 10/158 - MDD 10/159 |

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| 8.5 | Issued | 06 April 2010 | Added <ul style="list-style-type: none"> - MDD 10/160 - MDD 10/161 - MDD 10/162 - MDD 10/163 - MDD 10/164 |
| 8.6 | Issued | 10 May 2010 | Added <ul style="list-style-type: none"> - MDD 10/166 - MDD 10/167 - MDD 10/168 - MDD 10/169 - MDD 10/170 - MDD 10/171 |
| 8.7 | Issued | 07 June 2010 | Added <ul style="list-style-type: none"> - MDD 10/172 - MDD 10/173 |
| 8.8 | Issued | 25 June 2010 | Added <ul style="list-style-type: none"> - CP 10/164 |
| 8.9 | Issued | 30 July 2010 | Added <ul style="list-style-type: none"> - MDD 10/174 - MDD 10/175 - MDD 10/176 |
| 9.0 | Issued | 06 September 2010 | Added <ul style="list-style-type: none"> - MDD 10/177 - MDD 10/178 - MDD 10/179 |
| 9.1 | Issued | 01 October 2010 | <ul style="list-style-type: none"> - MDD 10/180 - MDD 10/181 - MDD 10/182 - MDD 10/183 - MDD 10/184 - MDD 10/185 - MDD 10/186 - MDD 10/187 - MDD 10/188 - MDD 10/189 - MDD 10/190 |

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| | | | <ul style="list-style-type: none"> - MDD 10/191 - MDD 10/192 - MDD 10/193 |
| 9.2 | Issued | 05 November 2010 | <ul style="list-style-type: none"> - CP 10/174 - CP 10/175 |
| 9.3 | Issued | 03 December 2010 | Added <ol style="list-style-type: none"> 1. MDD 10/194 2. MDD 10/195 3. CP 10/182 |
| 9.4 | Issued | 05 January 2011 | Added <ul style="list-style-type: none"> • MDD 10/196 |
| 9.5 | Issued | 25 February 2011 | Added <ul style="list-style-type: none"> • CP 10/187 |
| 9.6 | Issued | 04 March 2011 | Added <ul style="list-style-type: none"> • MDD 11/197 |
| 9.7 | Issued | 01 April 2011 | Added <ul style="list-style-type: none"> • MDD 11/198 • MDD 11/200 |
| 9.8 | Issued | 04 May 2011 | Added <ul style="list-style-type: none"> • MDD 11/201 |
| 9.9 | Issued | 06 June 2011 | Added <ul style="list-style-type: none"> • MDD 11/202 • MDD 11/203 • MDD 11/204 • MDD 11/205 |
| 10.0 | Issued | 01 July 2011 | Added <ul style="list-style-type: none"> • MDD 11/206 • MDD 11/207 • MDD 11/208 • MDD 11/209 |
| 10.1 | Issued | 29 July 2011 | Added <ul style="list-style-type: none"> • MDD 11/210 • MDD 11/211 • MDD 11/212 • MDD 11/213 |
| 10.2 | Issued | 05 September 2011 | Added <ul style="list-style-type: none"> • CP 11/197 • MDD 11/214 • MDD 11/215 • MDD 11/216 • MDD 11/217 • MDD 11/218 |
| 10.3 | Issued | 04 November 2011 | Added <ul style="list-style-type: none"> • MDD 11/219 • MDD 11/220 |
| 10.4 | Issued | 03 February 2012 | Added <ul style="list-style-type: none"> • MDD 12/222 • MDD 12/223 • MDD 12/224 |
| 10.5 | Issued | 30 March 2012 | Added <ul style="list-style-type: none"> • MDD 12/225 • MDD 12/226 |

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| | | | <ul style="list-style-type: none"> • MDD 12/227 |
| 10.6 | Issued | 4 May 2012 | Added <ul style="list-style-type: none"> • MDD 12/228 • MDD 12/229 • MDD 12/230 |
| 10.7 | Issued | 1 June 2012 | Added <ul style="list-style-type: none"> • MDD 12/231 |
| 10.8 | Issued | 29 June 2012 | Added <ul style="list-style-type: none"> • MDD 12/233 • MDD 12/234 • MDD 12/235 • MDD 12/236 |
| 10.9 | Issued | 03 August 2012 | Added <ul style="list-style-type: none"> • MDD 12/237 • MDD 12/238 • MDD 12/239 • MDD 12/240 • MDD 12/241 • MDD 12/242 |
| 11.0 | Issued | 03 September 2012 | Added <ul style="list-style-type: none"> • MDD 12/244 • MDD 12/245 • MDD 12/246 • MDD 12/247 • MDD 12/248 • MDD 12/250 • MDD 12/251 • MDD 12/252 • MDD 12/252 • MDD 12/253 • MDD 12/254 • MDD 12/255 • MDD 12/256 |
| MDD 11.1 | Issued | 05 October 2012 | Added <ul style="list-style-type: none"> • MDD 12/257 • MDD 12/258 • MDD 12/259 • MDD 12/260 • MDD 12/261 • MDD 12/262 |
| MDD 11.2 | Issued | 02 November 2012 | Added <ul style="list-style-type: none"> • MDD 12/264 • MDD 12/265 • MDD 12/266 |
| MDD 11.3 | Issued | 30 November 2012 | Added <ul style="list-style-type: none"> • MDD 12/263 • MDD 12/267 |
| MDD 11.4 | Issued | 09 January 2013 | Added <ul style="list-style-type: none"> • MDD 12/268 • MDD 12/269 • MDD 12/270 |
| MDD 11.5 | Issued | 01 February 2013 | Added <ul style="list-style-type: none"> • MDD 13/271 • MDD 13/273 • MDD 13/274 |

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| MDD 11.6 | Issued | 01 March 2013 | Added <ul style="list-style-type: none"> • MDD 13/272 • MDD 13/275 • MDD 13/276 • MDD 13/277 |
| MDD 11.7 | Issued | 01 April 2013 | Added <ul style="list-style-type: none"> • CP 12/225 |
| MDD 11.8 | Issued | 03 May 2013 | Added <ul style="list-style-type: none"> • MDD 13/278 • MDD 13/279 |
| MDD 11.9 | Issued | 03 June 2013 | Added <ul style="list-style-type: none"> • MDD 13/281 • MDD 13/282 • MDD 13/284 • MDD 13/285 • MDD 13/287 • MDD 13/288 |
| MDD 12.0 | Issued | 05 July 2013 | Added <ul style="list-style-type: none"> • MDD 13/289 • MDD 13/290 • MDD 13/291 • MDD 13/292 • MDD 13/293 • MDD 13/294 • MDD 13/295 • MDD 13/296 • MDD 13/297 • MDD 13/298 • MDD 13/299 • MDD 13/300 • MDD 13/301 • MDD 13/302 • MDD 13/303 |
| MDD 12.1 | Issued | 02 August 2013 | Added <ul style="list-style-type: none"> • MDD 13/304 • MDD 13/305 • MDD 13/306 • MDD 13/307 • MDD 13/308 • MDD 13/309 • MDD 13/310 • MDD 13/311 • MDD 13/312 • MDD 13/313 • MDD 13/314 • MDD 13/315 • MDD 13/316 • MDD 13/317 • MDD 13/318 • MDD 13/319 • MDD 13/320 • MDD 13/321 • MDD 13/322 • MDD 13/323 • MDD 13/324 • MDD 13/325 |

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| | | | <ul style="list-style-type: none"> • MDD 13/326 • MDD 13/327 |
| MDD 12.2 | Issued | 02 September 2013 | Added <ul style="list-style-type: none"> • MDD 13/328 • MDD 13/329 • MDD 13/330 • MDD 13/331 • MDD 13/332 • MDD 13/333 • MDD 13/334 • MDD 13/335 • MDD 13/336 • MDD 13/337 • MDD 13/338 • MDD 13/339 • MDD 13/340 • MDD 13/341 • MDD 13/342 • MDD 13/343 • MDD 13/344 • MDD 13/345 • MDD 13/346 • MDD 13/347 • MDD 13/348 • MDD 13/349 • MDD 13/350 • MDD 13/351 • MDD 13/352 • MDD 13/353 • MDD 13/352 • MDD 13/353 • MDD 13/354 • MDD 13/355 • MDD 13/356 • MDD 13/357 • MDD 13/358 • MDD 13/359 |
| MDD 12.3 | Issued | 01 October 2013 | <ul style="list-style-type: none"> • CP 13/235 |
| MDD 12.4 | Issued | 04 October 2013 | <ul style="list-style-type: none"> • MDD 13/360 • MDD 13/361 • MDD 13/362 • MDD 13/363 • MDD 13/364 • MDD 13/365 • MDD 13/366 • MDD 13/367 • MDD 13/368 • MDD 13/369 • MDD 13/370 |
| MDD 12.5 | Issued | 01 November 2013 | <ul style="list-style-type: none"> • MDD 13/371 • MDD 13/372 • MDD 13/373 • MDD 13/374 • MDD 13/375 • MDD 13/376 |

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| | | | <ul style="list-style-type: none"> • MDD 13/377 • MDD 13/378 |
| MDD 12.6 | Issued | 08 November 2013 | <ul style="list-style-type: none"> • CP 13/238 • CP 13/244 |
| MDD 12.7 | Issued | 12 November 2013 | <ul style="list-style-type: none"> • CP 13/256 |
| MDD 12.8 | Issued | 29 November 2013 | <ul style="list-style-type: none"> • MDD 13/379 • MDD 13/380 • MDD 13/381 • MDD 13/382 • MDD 13/383 • MDD 13/384 • MDD 13/385 • MDD 13/386 • MDD 13/387 • MDD 13/388 • MDD 13/389 • MDD 13/390 • MDD 13/391 |
| MDD 12.9 | Issued | 8 January 2014 | <ul style="list-style-type: none"> • MDD 13/392 • MDD 13/393 • MDD 13/394 • MDD 13/395 • MDD 13/396 • MDD 13/397 • MDD 13/398 • MDD 13/399 • MDD 13/400 |
| MDD 13.0 | Issued | 31 January 2014 | <ul style="list-style-type: none"> • MDD 14/401 • MDD 14/402 • MDD 14/403 • MDD 14/404 • MDD 14/405 • MDD 14/406 |
| MDD 13.1 | Issued | 7 March 2014 | <ul style="list-style-type: none"> • MDD 14/407 • MDD 14/411 • MDD 14/412 • MDD 14/414 • MDD 14/415 • MDD 14/416 • MDD 14/417 • MDD 14/418 • MDD 14/419 • MDD 14/420 • MDD 14/421 • MDD 14/422 • MDD 14/423 • MDD 14/424 • MDD 14/425 • MDD 14/427 • MDD 14/428 • MDD 14/429 • MDD 14/430 • MDD 14/431 |

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| | | | <ul style="list-style-type: none"> • MDD 14/432 • MDD 14/433 • MDD 14/434 • MDD 14/435 • MDD 14/437 • MDD 14/438 • MDD 14/440 • MDD 14/441 • MDD 14/442 • MDD 14/443 • MDD 14/444 • MDD 14/445 • MDD 14/447 • MDD 14/448 • MDD 14/449 • MDD 14/451 • MDD 14/452 • MDD 14/453 • MDD 14/454 • MDD 14/455 • MDD 14/456 |
| MDD 13.2 | Issued | 4 April 2014 | <ul style="list-style-type: none"> • MDD 14/457 |
| MDD 13.3 | Issued | 7 May 2014 | <ul style="list-style-type: none"> • MDD 14/458 • MDD 14/459 • MDD 14/460 • MDD 14/461 • MDD 14/462 • MDD 14/463 • MDD 14/464 • MDD 14/465 |
| MDD 13.4 | Issued | 27 June 2014 | <ul style="list-style-type: none"> • CP 13/231 • CP14/271 |
| MDD 13.5 | Issued | 04 July 2014 | <ul style="list-style-type: none"> • MDD 14/466 • MDD 14/467 • MDD 14/468 |
| MDD 13.6 | Issued | 01 August 2014 | <ul style="list-style-type: none"> • MDD 14/469 • MDD 14/470 |
| MDD 13.7 | Issued | 01 September 2014 | <ul style="list-style-type: none"> • MDD 14/472 • MDD 14/472 • MDD 14/474 |
| MDD 13.8 | Issued | 03 October 2014 | <ul style="list-style-type: none"> • MDD 14/475 • MDD 14/476 • MDD 14/477 • MDD 14/478 • MDD 14/479 • MDD 14/483 • MDD 14/484 • MDD 14/485 • MDD 14/486 • MDD 14/489 |
| MDD 13.9 | Issued | 31 October 2014 | <ul style="list-style-type: none"> • MDD 14/490 • MDD 14/491 • MDD 14/492 |

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| | | | <ul style="list-style-type: none"> • MDD 14/493 • MDD 14/494 • MDD 14/495 |
| MDD 14.0 | Issued | 11 December 2014 | <ul style="list-style-type: none"> • MDD 14/496 • MDD 14/497 • MDD 14/499 |
| MDD 14.1 | Issued | 13 January 2015 | <ul style="list-style-type: none"> • MDD 14/500 • MDD 14/501 • MDD 14/502 • MDD 14/503 • MDD 14/504 |
| MDD 14.2 | Issued | 05 February 2015 | <ul style="list-style-type: none"> • MDD 14/505 • MDD 14/506 |
| MDD 14.3 | Issued | 01 April 2015 | <ul style="list-style-type: none"> • CP 14/283 |
| MDD 14.4 | Issued | 13 April 2015 | <ul style="list-style-type: none"> • MDD 15/001 • MDD 15/002 • MDD 15/003 • MDD 15/004 • MDD 15/005 |
| 14.5 | Issued | 08 May 2015 | <ul style="list-style-type: none"> • MDD 15/006 • MDD 15/007 • MDD 15/009 • MDD 15/010 |
| 14.6 | Issued | 12 June 2015 | <ul style="list-style-type: none"> • MDD 15/011 • MDD 15/012 • MDD 15/013 |
| 14.7 | Issued | 09 July 2015 | <ul style="list-style-type: none"> • MDD 15/014 • MDD 15/017 • MDD 15/018 |
| 14.8 | Issued | 10 August 2015 | <ul style="list-style-type: none"> • MDD 15/019 • MDD 15/020 • MDD 15/021 |
| 14.9 | Issued | 11 September 2015 | <ul style="list-style-type: none"> • MDD 15/022 • MDD 15/023 • MDD 15/024 • MDD 15/025 • MDD 15/026 • MDD 15/027 • MDD 15/028 • MDD 15/029 • MDD 15/030 • MDD 15/031 • MDD 15/032 • MDD 15/033 • MDD 15/034 • MDD 15/035 |
| 15.0 | Issued | 8 October 2015 | <ul style="list-style-type: none"> • MDD 15/036 • MDD 15/038 • MDD 15/039 • MDD 15/041 • MDD 15/042 • MDD 15/043 |
| 15.1 | Issued | 5 November 2015 | <ul style="list-style-type: none"> • MDD 15/040 • MDD 15/044 |

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| | | | <ul style="list-style-type: none"> • MDD 15/045 • MDD 15/046 • MDD 15/047 • MDD 15/048 • MDD 15/049 • MDD 15/050 • CP 15/039 |
| 15.2 | Issued | 10 December 2015 | <ul style="list-style-type: none"> • MDD CP 15/051 • MDD CP 15/052 • MDD CP 15/053 • MDD CP 15/054 • MDD CP 15/057 • MDD CP 15/058 • MDD CP 15/059 • MDD CP 15/068 |
| 15.3 | Issued | 12 January 2016 | <ul style="list-style-type: none"> • MDD CP 15/069 • MDD CP 15/070 |
| 15.4 | Issued | 11 February 2016 | <ul style="list-style-type: none"> • MDD CP 16/001 • MDD CP 16/002 • MDD CP 16/003 • MDD CP 16/004 • MDD CP 16/005 • MDD CP 16/006 • MDD CP 16/007 |
| 15.5 | Issued | 26 February 2016 | <ul style="list-style-type: none"> • CP 15/319 |
| 15.6 | Issued | 10 March 2016 | <ul style="list-style-type: none"> • MDD CP 16/008 • MDD CP 16/009 • MDD CP 16/010 • MDD CP 16/011 • MDD CP 16/012 |
| 15.7 | Issued | 11 April 2016 | <ul style="list-style-type: none"> • MDD CP 16/013 • MDD CP 16/015 • MDD CP 16/016 • MDD CP 16/017 • MDD CP 16/018 • MDD CP 16/020 |
| 15.8 | Issued | 13 May 2016 | <ul style="list-style-type: none"> • MDD CP 16/021 • MDD CP 16/023 • MDD CP 16/024 • MDD CP 16/025 • MDD CP 16/026 • MDD CP 16/027 • MDD CP 16/028 • MDD CP 16/029 • MDD CP 16/030 |
| 15.9 | Issued | 10 June 2016 | <ul style="list-style-type: none"> • MDD CP 16/032 • MDD CP 16/033 • MDD CP 16/034 • MDD CP 16/035 |
| 16.0 | Issued | 7 July 2016 | <ul style="list-style-type: none"> • MDD CP 16/036 • MDD CP 16/037 • MDD CP 16/038 • MDD CP 16/039 • MDD CP 16/040 • MDD CP 16/041 |

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| 16.1 | Issued | 11 August 2016 | <ul style="list-style-type: none"> • MDD CP 16/042 • MDD CP 16/043 • MDD CP 16/044 • MDD CP 16/045 • MDD CP 16/046 • MDD CP 16/047 • MDD CP 16/048 • MDD CP 16/049 • MDD CP 16/050 • MDD CP 16/051 |
| 16.2 | Issued | 9 September 2016 | <ul style="list-style-type: none"> • MDD CP 16/052 • MDD CP 16/053 • MDD CP 16/054 • MDD CP 16/055 • MDD CP 16/056 • MDD CP 16/057 • MDD CP 16/058 • MDD CP 16/059 • MDD CP 16/060 • MDD CP 16/061 • MDD CP 16/062 • MDD CP 16/063 • MDD CP 16/064 • MDD CP 16/065 |
| 16.3 | Issued | 6 October 2016 | <ul style="list-style-type: none"> • MDD CP 16/066 • MDD CP 16/067 • MDD CP 16/068 • MDD CP 16/069 • MDD CP 16/070 • MDD CP 16/071 • MDD CP 16/074 • MDD CP 16/075 • MDD CP 16/077 • MDD CP 16/078 |
| 16.4 | Issued | 10 November | <ul style="list-style-type: none"> • MDD CP 16/079 • MDD CP 16/080 • MDD CP 16/081 • MDD CP 16/082 • MDD CP 16/083 • MDD CP 16/084 • MDD CP 16/085 • MDD CP 16/086 • MDD CP 16/087 • MDD CP 16/088 • MDD CP 16/089 • MDD CP 16/090 • MDD CP 16/091 • MDD CP 16/092 • MDD CP 16/093 • MDD CP 16/097 • MDD CP 16/098 • MDD CP 16/099 |
| 16.5 | Issued | 08 December | <ul style="list-style-type: none"> • MDD CP 16/100 • MDD CP 16/101 |

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| | | | <ul style="list-style-type: none"> • MDD CP 16/102 • MDD CP 16/103 • MDD CP 16/104 • MDD CP 16/105 • MDD CP 16/106 • MDD CP 16/107 • MDD CP 16/108 • MDD CP 16/109 • MDD CP 16/110 • MDD CP 16/111 • MDD CP 16/112 • MDD CP 16/113 • MDD CP 16/114 • MDD CP 16/115 • MDD CP 16/116 • MDD CP 16/117 • MDD CP 16/118 • MDD CP 16/119 |
| 16.6 | Issued | 03 January 2017 | <ul style="list-style-type: none"> • MDD CP 16/121 • MDD CP 16/122 • MDD CP 16/123 • MDD CP 16/124 • MDD CP 16/125 • MDD CP 16/126 • MDD CP 16/127 • MDD CP 16/128 |
| 16.7 | Issued | 09 February 2017 | <ul style="list-style-type: none"> • MDD CP 17/004 • MDD CP 17/007 • MDD CP 17/009 • MDD CP 17/010 • MDD CP 17/011 • MDD CP 17/012 • MDD CP 17/014 • MDD CP 17/015 • MDD CP 17/016 • CP 16/365 |
| 16.8 | Issued | 09 March 2017 | <ul style="list-style-type: none"> • MDD CP 17/017 • MDD CP 17/018 • MDD CP 17/019 • MDD CP 17/020 • MDD CP 17/021 • MDD CP 17/022 • MDD CP 17/023 • MDD CP 17/024 |
| 16.9 | Issued | 04 April 2017 | <ul style="list-style-type: none"> • MDD CP 17/025 • MDD CP 17/026 • MDD CP 17/027 • MDD CP 17/028 • MDD CP 17/029 • MDD CP 17/030 • MDD CP 17/031 • MDD CP 17/032 |
| 17.0 | Issued | 12 April 2017 | <ul style="list-style-type: none"> • MDD CP 17/035 |

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| 17.1 | Issued | 05 May 2017 | <ul style="list-style-type: none"> • MDD CP 17/033 • MDD CP 17/034 • MDD CP 17/036 • MDD CP 17/037 • MDD CP 17/038 • MDD CP 17/039 |
| 17.2 | Issued | 16 May 2017 | <ul style="list-style-type: none"> • MDD CP 17/044 |
| 17.3 | Issued | 31 May 2017 | <ul style="list-style-type: none"> • MDD CP 17/043 • MDD CP 17/045 • MDD CP 17/046 • MDD CP 17/047 • MDD CP 17/048 • MDD CP 17/049 • MDD CP 17/050 |
| 17.4 | Issued | 01 June 2017 | <ul style="list-style-type: none"> • CP 14/284 • CP 15/305 • CP 17/376 |
| 17.5 | Issued | 04 July 2017 | <ul style="list-style-type: none"> • MDD CP 17/052 • MDD CP 17/053 • MDD CP 17/054 • MDD CP 17/055 • MDD CP 17/056 • MDD CP 17/057 • MDD CP 17/058 • MDD CP 17/059 |
| 17.6 | Issued | 04 July 2017 | <ul style="list-style-type: none"> • MDD CP 17/060 • MDD CP 17/061 • MDD CP 17/062 • MDD CP 17/063 • MDD CP 17/064 • MDD CP 17/065 • MDD CP 17/066 • MDD CP 17/067 • MDD CP 17/068 • MDD CP 17/069 |
| 17.7 | Issued | 30 August 2017 | <ul style="list-style-type: none"> • MDD CP 17/071 • MDD CP 17/072 • MDD CP 17/073 |
| 17.8 | Issued | 03 October 2017 | <ul style="list-style-type: none"> • MDD CP 17/074 • MDD CP 17/075 • MDD CP 17/076 • MDD CP 17/077 • MDD CP 17/082 • MDD CP 17/083 • MDD CP 17/084 • MDD CP 17/087 |
| 17.9 | Issued | 31 October 2017 | <ul style="list-style-type: none"> • MDD CP 17/088 • MDD CP 17/089 • MDD CP 17/090 • MDD CP 17/091 • MDD CP 17/092 • MDD CP 17/093 • MDD CP 17/094 • MDD CP 17/095 |

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| 18.0 | Issued | 05 December 2017 | <ul style="list-style-type: none"> • MDD CP 17/096 • MDD CP 17/097 • MDD CP 17/098 • MDD CP 17/099 • MDD CP 17/100 • MDD CP 17/101 |
| 18.1 | Issued | 05 January 2018 | <ul style="list-style-type: none"> • MDD CP 17/102 • MDD CP 17/103 • MDD CP 17/104 • MDD CP 17/105 • MDD CP 17/106 • MDD CP 17/107 • MDD CP 17/108 • MDD CP 17/109 |
| 18.2 | Issued | 30 January 2018 | <ul style="list-style-type: none"> • MDD CP 18/001 • MDD CP 18/002 |
| 18.3 | Issued | 06 March 2018 | <ul style="list-style-type: none"> • MDD CP 18/003 • MDD CP 18/004 • MDD CP 18/005 • MDD CP 18/006 • MDD CP 18/007 • MDD CP 18/008 • MDD CP 18/008 • MDD CP 18/010 • MDD CP 18/011 • MDD CP 18/012 • MDD CP 18/013 • MDD CP 18/014 • MDD CP 18/015 • MDD CP 18/016 • MDD CP 18/017 • MDD CP 18/018 • MDD CP 18/019 |
| 18.4 | Issued | 05 April 2018 | <ul style="list-style-type: none"> • MDD CP 18/021 • MDD CP 18/022 |
| 18.5 | Issued | 01 May 2018 | <ul style="list-style-type: none"> • MDD CP 18/023 • MDD CP 18/024 • MDD CP 18/025 • MDD CP 18/026 • MDD CP 18/028 • MDD CP 18/029 • MDD CP 18/030 • MDD CP 18/031 |
| 18.6 | Issued | 30 May 2018 | <ul style="list-style-type: none"> • MDD CP 18/032 • MDD CP 18/033 • MDD CP 18/034 • MDD CP 18/035 • MDD CP 18/036 • MDD CP 18/037 |
| 18.7 | Issued | 03 July 2018 | <ul style="list-style-type: none"> • MDD CP 18/038 • MDD CP 18/039 • MDD CP 18/040 • MDD CP 18/041 • MDD CP 18/050 |

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| 18.8 | Issued | 31 July 2018 | <ul style="list-style-type: none"> • MDD CP 18/042 • MDD CP 18/043 • MDD CP 18/044 • MDD CP 18/045 • MDD CP 18/046 • MDD CP 18/047 • MDD CP 18/048 • MDD CP 18/049 • MDD CP 18/051 • MDD CP 18/052 • MDD CP 18/053 • MDD CP 18/054 |
| 18.9 | Issued | 05 September 2018 | <ul style="list-style-type: none"> • MDD CP 18/055 • MDD CP 18/056 • MDD CP 18/057 • MDD CP 18/058 • MDD CP 18/059 • MDD CP 18/060 • MDD CP 18/061 • MDD CP 18/062 • MDD CP 18/063 • MDD CP 18/064 |
| 18.10 | Issued | 02 October 2018 | <ul style="list-style-type: none"> • MDD CP 18/065 • MDD CP 18/067 • MDD CP 18/071 |
| 18.11 | Issued | 30 October 2018 | <ul style="list-style-type: none"> • MDD CP 18/072 |
| 18.12 | Issued | 04 December 2018 | <ul style="list-style-type: none"> • MDD CP 18/073 • MDD CP 18/074 • MDD CP 18/075 • MDD CP 18/076 • MDD CP 18/077 • MDD CP 18/078 • MDD CP 18/079 • MDD CP 18/080 |
| 19.0 | Issued | 04 January 2019 | <ul style="list-style-type: none"> • MDD CP 18/081 • MDD CP 18/082 |
| 19.1 | Issued | 29 January 2019 | <ul style="list-style-type: none"> • MDD CP 19/001 • MDD CP 19/002 • MDD CP 19/003 • MDD CP 19/004 • MDD CP 19/005 • MDD CP 19/006 • MDD CP 19/007 • MDD CP 19/008 • MDD CP 19/009 • MDD CP 19/010 • MDD CP 19/011 |
| 19.2 | Issued | 05 March 2019 | <ul style="list-style-type: none"> • MDD CP 19/012 • MDD CP 19/013 • MDD CP 19/014 • MDD CP 19/015 • MDD CP 19/016 • MDD CP 19/018 |

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| | | | <ul style="list-style-type: none"> • MDD CP 19/019 • MDD CP 19/020 • Urgent MDD CP 19/025 |
| 19.3 | Issued | 02 April 2019 | <ul style="list-style-type: none"> • MDD CP 19/021 • MDD CP 19/022 • MDD CP 19/023 • MDD CP 19/024 • MDD CP 19/026 |
| 19.4 | Issued | 01 May 2019 | <ul style="list-style-type: none"> • MDD CP 19/027 • MDD CP 19/028 • MDD CP 19/029 • MDD CP 19/030 • MDD CP 19/031 • MDD CP 19/032 • MDD CP 19/033 • MDD CP 19/034 • MDD CP 19/037 |
| 19.5 | Issued | 04 June 2019 | <ul style="list-style-type: none"> • MDD CP 19/038 • MDD CP 19/039 • MDD CP 19/040 • MDD CP 19/041 • MDD CP 19/042 • Urgent MDD CP 19/044 |
| 19.6 | Issued | 02 July 2019 | <ul style="list-style-type: none"> • MDD CP 19/043 • MDD CP 19/045 • MDD CP 19/046 • MDD CP 19/047 • MDD CP 19/048 • MDD CP 19/049 • MDD CP 19/050 • MDD CP 19/051 • MDD CP 19/052 |
| 19.7 | Issued | 30 July 2019 | <ul style="list-style-type: none"> • MDD CP 19/053 • MDD CP 19/054 |
| 19.8 | Issued | 03 September 2019 | <ul style="list-style-type: none"> • MDD CP 19/055 • MDD CP 19/056 • MDD CP 19/057 • MDD CP 19/058 • MDD CP 19/059 • MDD CP 19/060 • MDD CP 19/061 • MDD CP 19/062 |
| 19.8.1 (Urgent Release) | Issued | 16 September 2019 | <ul style="list-style-type: none"> • Urgent MDD CP 19/071 |
| 19.9 | Issued | 01 October 2019 | <ul style="list-style-type: none"> • MDD CP 19/063 • MDD CP 19/064 • MDD CP 19/065 • MDD CP 19/067 • MDD CP 19/068 • MDD CP 19/069 • MDD CP 19/070 |
| 19.10 | Issued | 29 October 2019 | <ul style="list-style-type: none"> • - |

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| 19.11 | Issued | 03 December 2019 | <ul style="list-style-type: none"> • MDD CP 19/072 • MDD CP 19/073 • MDD CP 19/074 • MDD CP 19/075 • MDD CP 19/076 • MDD CP 19/077 • MDD CP 19/078 • MDD CP 19/079 • MDD CP 19/080 • MDD CP 19/081 • MDD CP 19/082 • MDD CP 19/083 • MDD CP 19/084 • MDD CP 19/085 • MDD CP 19/086 • MDD CP 19/087 • MDD CP 19/088 • MDD CP 19/089 • MDD CP 19/099 • MDD CP 19/103 • MDD CP 19/104 • MDD CP 19/105 • MDD CP 19/106 • MDD CP 19/107 |
| 20.1 | Issued | 03 January 2002 | <ul style="list-style-type: none"> • MDD CP 19/108 • MDD CP 19/109 • MDD CP 19/110 • MDD CP 19/111 • MDD CP 19/112 • MDD CP 19/113 • MDD CP 19/114 • MDD CP 19/115 • MDD CP 19/116 • MDD CP 19/117 |

3. Explanatory Notes to Annex 3

3.1 MDD Value Sets

These will be provided by the MDD Forum.

System Faults will be as defined by the relevant manufacturer. As this is a dataset which will only be used by some Participants, the values have not been included here.

| Address | | | |
|---------|----------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | (Meter Point) | | |
| | (Site) | | |
| | (Meter Worker) | C | This is the definitive list where the installer is OAMI. |
| | (Consumer) | | |
| | (Contact) | | |
| | (Market Participant) | C | This is the definitive list for: <ul style="list-style-type: none"> • GT • Suppliers • Shippers • MAM • Asset Providers (some generic codes will be used e.g. For consumers) |

The relevant address values will be provided for each address.

| | | | |
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| Market Participant | | | Any Market Participant Abbreviated Names over 3 char will need to be impact assessed with Transco GT. |
| (Role for an Asset) | in a role for a specific asset e.g. Metering Co was the MAM for a meter with meter serial number 98734748785 | C | For certain roles e.g. Licensed MAM this will be the definitive list, this assumes some Participants will be covered by a generic code e.g. if the Consumer is acting as the MAM a generic code for a consumer will be used. |
| (Role for a Meter Point) | in a role for a Meter Point e.g. Metering Co. is the MAM for all assets at a specific Meter Point | C | For certain roles i.e. GT, Supplier, Shipper, MAM and Asset Provider, this will be the definitive list. |
| A0064 | Market Participant Abbreviated Name | | <p>For licence parties and other parties that are subject to governance directly, these codes will be common throughout the industry.</p> <p>'None' will be a valid entry to allow for positive notification to the GT that there is 'no' MAM.</p> |

| | | | | |
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| A0065 | Market Participant Name | | | For licence parties and other parties that are subject to governance directly, these codes will be common throughout the industry. |
| A0066 | Effective From Date for Validity | | | e.g. identifying a Participants OAMI Inspection Dates. |
| A0067 | Effective To Date for Validity | | | |
| A0068 | Registration Body | G | | OAMI ¹ |
| A0069 | Registration Reference | G | | |

Market Participant values must be provided to allow a value for 'Consumer' to be identified as a valid MAM.

The RGMA flows use the Market Participant Abbreviated name in:

- a) File Header Record
- b) Market Participant Record where it is/can be used to identify:
 - i. ORJOB – Asset Provider
 - ii. ONJOB – Asset Provider and/or Meter Worker doing the work
 - iii. ORQUO – Asset Provider and/or Old MAM
 - iv. ONAGE – Asset Provider and/or for an appointment: Old MAM
 - i. for a CoS de-appointment: New Supplier
 - ii. for change of MAM outside CoS: New MAM
 - v. ONDET (between MAM's) - Asset Provider
 - vi. ONUPD- Asset Provider, MAM

Shipper Identifiers

The RGMA Market Participant Abbreviated name for the Shipper role is the same as the Transco GT Shipper Id used in the SPA flows.

Supplier Identifiers

¹ Where the participant is OAMI registered this will be the definitive list, for other registrations such as CORGI, the industry list may not be the definitive one.

The RGMA Market Participant Abbreviated name for the Supplier role may be the same (the role type differentiating them). Transco GT has different Shipper and Supplier Id's for the same organisation therefore the Transco GT and RGMA references for the Supplier may be different.

Note:

- 1) Where the Market Participant Abbreviated name is the same for both Shipper/Supplier roles, the New Supplier Id sent by the GT in the SPA flow at CoS to the Shipper will need to be translated to the RGMA code for the MAM de-appointment flow.
- 2) Where the Market Participant Abbreviated name is different for the Supplier and Shipper roles of the same organisation, the relevant abbreviated name must be sent with the relevant role in the file headers (see a) ii) in 'The File Header Record' below).
- 3) Some organisations that have merged are retaining their different legacy identities e.g. Npower Northern, Npower Yorkshire, Npower Ltd, Npower Business Services, Npower Business Accounts and each have different Supplier and Shipper Codes. MAMs will need to ensure that they have contacts for each.

In addition to the above, the following combinations were considered to be within the Market Domain (MDD G) for the various Asset types, based on the Transco Meter Model Table, as relevant:

| | | | |
|-----------|---------------------------|---|-----------------------------------------------------------------------------------|
| A0109 | Product Id | G | (originally related to Transco's internal Meter Model Id) |
| A0083 | Model Code | G | |
| A0060 | Manufacturer Code | G | |
| A0112 | Measuring Capacity | G | |
| A0120 | Multiplication Factor | G | |
| A0121 | Number of Dials or Digits | G | |
| A0194 | Pulse Value | G | |
| A0123 | Units of Measure | G | |
| A0025 | Meter Type | G | |
| Undefined | End date | G | This is the date after which no new installations of the model would be accepted. |

3.2 Products - Meter Model set validation

3.2.1 Meter Model set validation for meters manufactured prior to 2004

Where MDD Effective Date is blank, model is current and may be installed as part of a job.

Note: Meter Models which exist for legacy reasons only² are held on a separate 'Shadow Table' (see Annex 4).

Product Id was taken from Transco GT to enable the I&C TAP file to function, but use of these values is open to discussion post go-live. See 8. & 9. 'External Documents' in the RGMA Processes and Data main baseline document for the GT's validation.

Transco GT will normally accept any new model information provided each individual item that is subject to MDD (e.g. the manufacturer code, the model name) is consistent with MDD for those items -i.e. it is a new combination of already accepted MDD values.

This means that Meter models for a brand new manufacturer eg "Bloggs Meters" would need to be approved by the appropriate forum and added to the RGMA MDD (and hence Transco GT's sites and meters) meter set prior to a shipper providing the information in an RGMA flow, but information for an existing manufacturer with valid MDD values in a new configuration could be supplied in an RGMA flow and would be reported as a new model for subsequent approval by the appropriate forum.

² i.e. where one of the mandatory fields is not known and has a code indicating this e.g. Manufacturer of 'UNK' for Unknown.

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An example may illustrate;

| Product Id (A0109) | Model Code (A0083) | Manufacturer Code (A0060) | Measuring Capacity (A0112) | Multiplication Factor (A0120) | Number of Dials or Digits (A0121) | Pulse value (A0194) | Units of Measure (A0123) | Meter Type (A0025) | Meter Mechanism (A0085) | Payment Method (A0163) |
|-----------------------|-----------------------|------------------------------|-------------------------------|----------------------------------|--------------------------------------|------------------------|-----------------------------|-----------------------|----------------------------|---------------------------|
| | 1.5M125 | DR | 1500 | 1 | 5 | 0 | SCFH | R | CR | CR |

The above is a valid model set with an existing manufacturer.

As long as values for each entity are already MDD they can be provided in a RGMA flow and will be accepted by the Transco GT sites and meters system and reported as a new model set.

| Product Id (A0109) | Model Code (A0083) | Manufacturer Code (A0060) | Measuring Capacity (A0112) | Multiplication Factor (A0120) | Number of Dials or Digits (A0121) | Pulse value (A0194) | Units of Measure (A0123) | Meter Type (A0025) | Meter Mechanism (A0085) | Payment Method (A0163) |
|-----------------------|-----------------------|------------------------------|-------------------------------|----------------------------------|--------------------------------------|------------------------|-----------------------------|-----------------------|----------------------------|---------------------------|
| | 1.5M125 | DR | 1500 | 1 | 5 | 1 | SCFH | R | CR | CR |

Above meter accepted as a RGMA flow and entered onto Transco GT's Sites and Meters systems, and noted as a new model set to be proposed for adding to the RGMA MDD Model sets.

Whereas a new model with either a new manufacturer or one attribute that was currently not MDD would not be accepted into sites and meters and would be rejected. In the first instance the new model set with the new manufacturer would have to be agreed and added to the relevant RGMA MDD tables as a separate exercise.

| Product Id (A0109) | Model Code (A0083) | Manufacturer Code (A0060) | Measuring Capacity (A0112) | Multiplication Factor (A0120) | Number of Dials or Digits (A0121) | Pulse value (A0194) | Units of Measure (A0123) | Meter Type (A0025) | Meter Mechanism (A0085) | Payment Method (A0163) |
|-----------------------|-----------------------|------------------------------|-------------------------------|----------------------------------|--------------------------------------|------------------------|-----------------------------|-----------------------|----------------------------|---------------------------|
| | | | | | | | | | | |

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| | | | | | | | | | | |
|--|---------|-----|------|---|---|---|------|---|----|----|
| | 1.5M125 | BLO | 1500 | 1 | 5 | 0 | SCFH | R | CR | CR |
|--|---------|-----|------|---|---|---|------|---|----|----|

New Manufacturer BLO = Bloggs meters.

The above meter would not be accepted on a RGMA flow, the meter would not be entered onto the Transco GT sites and meters system until at least the new Manufacturer (BLO) had been added to the MDD tables.

3.2.2 Meter Model set validation for meters manufactured in or after 2004

In order to reduce the number of new “meters” being created within the Shadow Log and to ensure accurate data is flowed between all industry participants, a new validation regime has been implemented which will place the primary onus on MAMs to only forward meter information which has passed the validation criteria defined below or has been deemed to be valid and requiring addition to the MDD Product Table.

Previously, participants have only had to validate that individual meter attributes were defined values in MDD. Under the new procedure they must now also validate these attributes in combination with one another. A valid combination is one that identifies a unique product in the MDD Meter Product Table.

This new validation procedure is mandatory for MAMs and voluntary for Suppliers.

The validation described applies only to installed and removed meters where the ‘Year of Manufacture’ (A0021) is greater than or equal to ‘2004’.

Three sources of meter details are available to MAMs:

1. from meter workers
2. other MAMs
3. Suppliers (details primarily sourced from the GT database)

Where meter information received by the MAM is such that no unique product within the MDD Product Table is possible, the MAM must perform the following action(s):

3.2.2.1 Meter Data from Meter Worker not within Product Table (see Process Diagram 1)

It is expected that MAMs will receive meter details from its meter workers whenever a site is attended. Upon receipt of these details, they must be validated against the existing details (where applicable) and the product table. Both the existing and new asset details will be validated against the product table, where the Year of Manufacture (A0021) of the asset is greater than or equal to ‘2004’

The MAM must ensure that any metering data they subsequently forward on to the Supplier, or the new MAM on change of agent, is a valid combination of meter attributes and matches to a unique product in the MDD Product Table. The MAM will ‘filter’ the meter attributes provided to them by the Meter Worker until a

unique product is found in the MDD Product Table³. All attribute values must still be validated as being valid MDD values in their own right. Where a particular attribute has not been provided, filtering should continue using the available attributes in order to try to uniquely identify a meter product. Where the details of the asset provided by the Meter Worker cannot be matched against a unique product within the Product Table, the MAM will:

1. Place the received data either within its own Product Table but flagged as "Disputed / Shadow Entry", store within its own separate "Shadow Table" or flag the individual meter point details as being "Disputed". N.B. It is up to individual MAMs to determine the best way of storing and indicating disputed meter details based on the architecture of their systems.
2. Raise an alert from within its systems, notifying the MAM of the inability to identify a unique item within the MDD Product table or of an invalid MDD value at attribute level or in some other way bring to the MAMs attention the fact that the information provided to it is unidentifiable within the product table. N.B. It is up to individual MAMs to determine the best method of alerting their staff of an exception.
3. Query the validity of the data provided by the Meter Worker.
4. Where an error has not been readily identifiable within the data provided by the meter worker (i.e. meter worker is adamant about the details provided), the MAM shall consult with their meter provider, logistics department or directly with the meter manufacturer, as appropriate, to ascertain / validate the details provided.
5. Where the data provided by the Meter Worker is validated as being correct but not contained within the Product Table, raise a SPAA MDD Change Proposal to have the new meter product added to the Product Table.
6. Send the meter details to the Supplier using an ONJOB within 48 hours of the works completion in accordance with the C&D Regulations.⁴
7. Where invalid details or details have not been queried with the Meter Worker (i.e. the asset details do not match with a product within the Product Table) but have been sent within the ONJOB due to the time constraints of the C&D Regs, the Supplier may reject the ONJOB (using where applicable error code: 05100 - Inconsistent Metering Data). At the earliest opportunity, the MAM shall re-submit the ONJOB with either asset details contained within the Product Table after conducting its query process or with asset details which have been added to the Product Table as a result of a MDD Change as per point 5 above⁵.

³ It is up to individual participants to determine the best way of performing this 'filtering' activity with respect to their individual systems.

⁴ Where an addition needs to be made to the MDD Product Table, the details sent to the Supplier within the Completion ONJOB may not be contained within the MDD Product Table at the time of sending the initial ONJOB due to the time constraints of the C&D Regulations.

⁵ Where a "Fast Track" MDD Change Request is submitted, the delay between submission of the Change Proposal and addition of the new product to the MDD Product Table could be up to 1 month. Therefore, the second ONJOB in these cases will take a minimum of one month to be re-submitted by the MAM to the Supplier.

Where the MAM is waiting for addition of a new product to the MDD Product Table and is subsequently de-appointed as the MAM either for reasons of Change of Agent or Change of Supplier, the old MAM will upon receipt of the ORDET from the new MAM submit the details to the new MAM within its corresponding ONDET. If the product has still to be added to the Product Table, the ONDET sent by the old MAM may be rejected by the new MAM as per Process 2 below.

The onus will be on MAMs to manage file rejections received from all participants (i.e. Suppliers and MAMs) in a manner which ensures accurate asset details are passed to the party concerned in as timely a manner as possible.

Upon receiving notification of the addition of the new product to the Product Table, MAMs and Suppliers should (depending on the method employed), remove the flag designating the meter details as being "In Dispute" or transfer the meter details from their Shadow Table to their Product Table as appropriate.

Where a subsequent site visit exposes an error in the meter attributes previously passed by the MAM to another participant, the MAM is to pro-actively send an update to that participant, using an appropriate RGMA flow (e.g. ONUPD), or other means by bi-lateral agreement.

3.2.2.2 Meter Data from MAM not within Product Table (see Process Diagram 2)

With respect to meter details provided by MAMs to other MAMs this is only expected under a Change of Supplier (CoS) or Change of Agent (CA) scenarios using the ORDET / ONDET process. Where the New MAM receives meter details not contained within the Product Table from the Old MAM, the New MAM shall:

1. Raise an alert from within its systems, notifying the requesting MAM (i.e. new MAM) of the inability to identify a unique item within the MDD Product table.
2. Query the validity of the data provided by the MAM (i.e. old MAM) through the use of an RNDT rejecting the ONDET together with a reason (recommend error code: 05100 - Inconsistent Metering Data).
3. Where the old MAM receives such a rejection of the ONDET, the old MAM providing the details shall consult with their meter provider, logistics department or directly with the meter manufacturer as appropriate to ascertain / validate the details provided.
4. Where the data provided by the old MAM is validated as being correct but not contained within the Product Table, the old MAM shall raise a SPAA MDD Change Proposal to have the new meter product added to the Product Table.
5. Upon addition of the meter to the Product Table, the old MAM should then re-submit corrected details in a new ONDET to the New MAM who originally requested the meter details using the same transaction reference supplied by the new MAM in their original ORDET.

It should be noted that where MAMs perform this validation upon receipt of the initial meter details from the meter worker, the occurrence of this scenario should be exceptionally rare. This is only expected to occur where a new product is still to be added to the MDD Product Table at the time the old MAM was de-appointed.

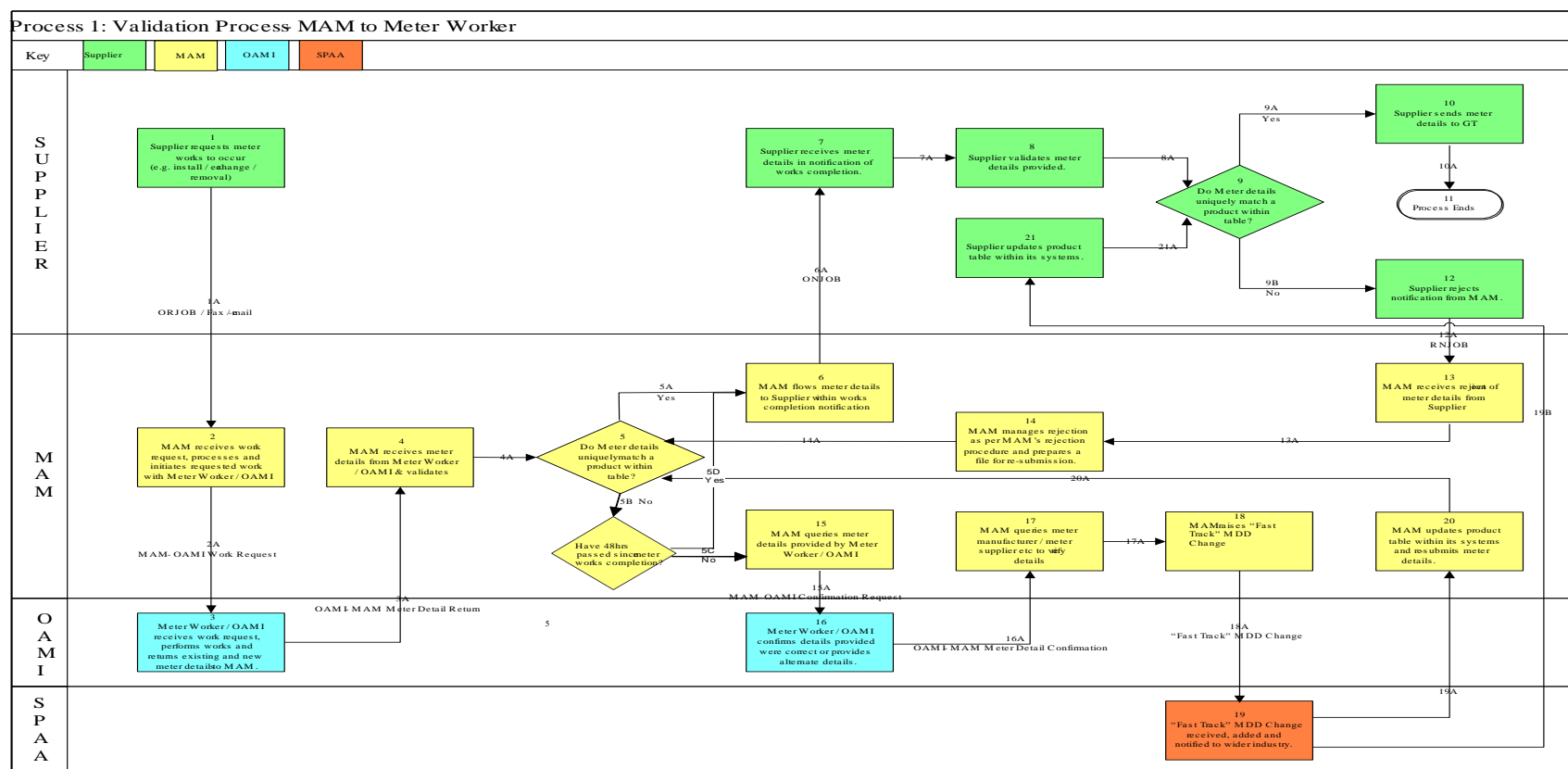
Where the old MAM is providing asset details which were provided by a previous MAM prior to the introduction of this validation procedure, the potential exists that the data currently held by the old MAM will not pass the new validation criteria. Where this occurs, the data received by the new MAM will be considered invalid and subsequently rejected. The old MAM's options to correct this are:

1. Visit site and verify details
2. Question previous MAM
3. Query with the Meter Asset Provider (MAP)
4. Determine the appropriate MDD Product based on logic and experience (e.g. if meter details suggest meter type is unknown but measuring capacity is 6 scmh and model is G4 then meter type must be synthetic diaphragm)
5. Perform a portfolio data cleansing exercise on all asset details held prior to the introduction of the new validation procedure in order to ensure all meter details held match a unique model within the MDD Product Table – N.B. where any data is altered, the MAM will need to update the Supplier of the alteration by submitting an ONUPD.

3.2.2.3 Meter Data from Supplier not within Product Table

Where Suppliers pass meter details to MAMs (e.g. within ONAGE or ORJOB transaction files) it is not required for the MAM to validate this information. MAMs must not reject ONAGE or ORJOB transactions on the grounds of inaccurate meter details passed to them by the Supplier.

Subsequent data returned by the MAM in the case of ONJOBS or ONUPDs must be a unique product as contained within the MDD Product Table. Where the data provided by the Supplier in the original ORJOB or ONAGE differs from that returned in the corresponding ONJOB or ONUPD however, the MAM must signify this by using the Data Update Code (A0178) of "UPDTE" within the ONJOB or ONUPD.

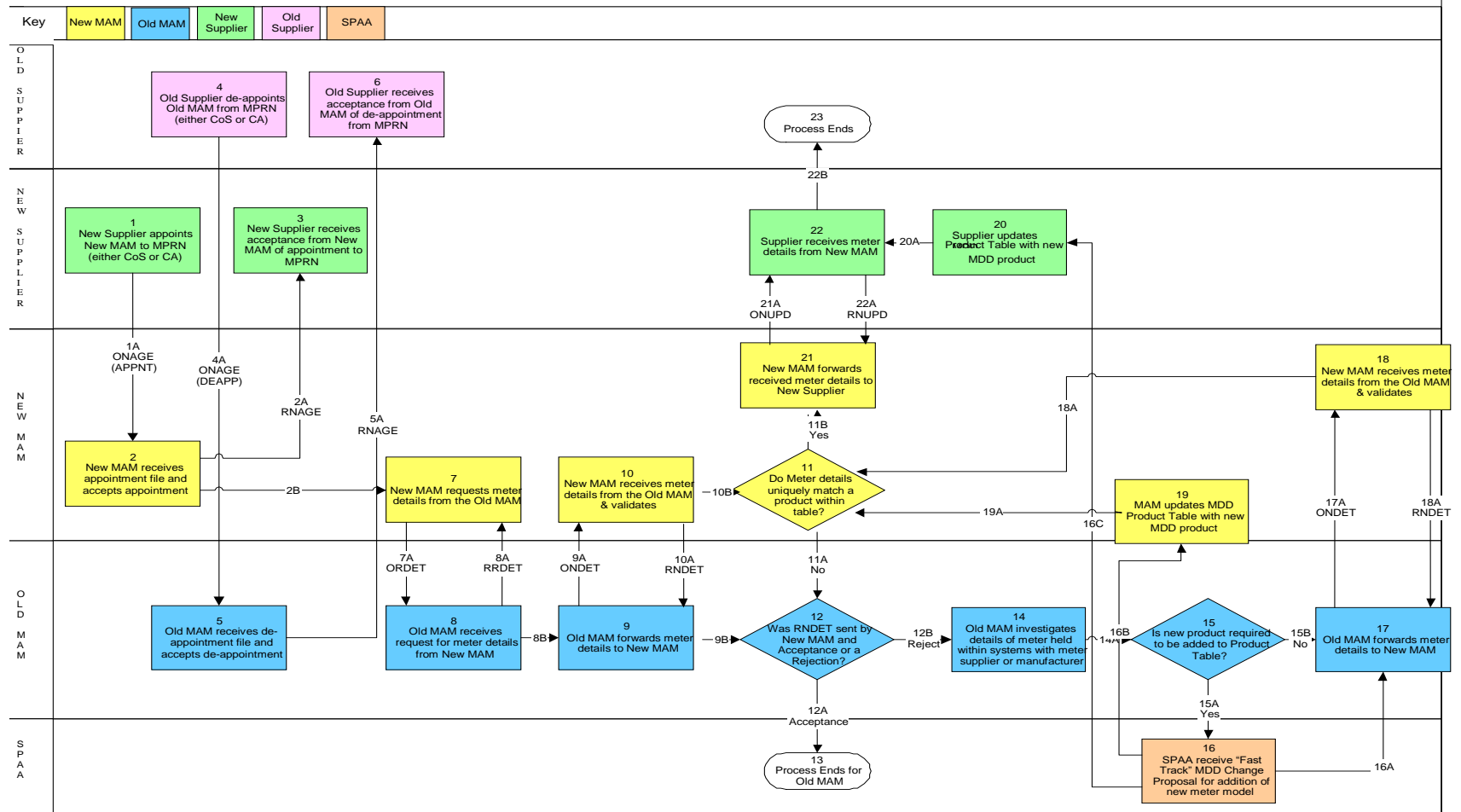


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⁶ Where carrying out actions in boxes 15, 17 and 18, it must be noted that the MAM still has the obligation to send all available meter asset details, even where they have failed this validation, to the Supplier using an ONJOB within 48 hours of the works completion, in accordance with the C&D Regulations. At the earliest opportunity after conducting its query process, the MAM shall resubmit the ONJOB with either amended meter asset details or

with meter asset details which have been added to the Product Table as a result of a MDD Change. Actions 15, 17 and 18 continue until they are completed.

Process 2: Validation Process - MAM to MAM



3.3 Products - Meter Model set Combinations

The table below is sorted by Model Code, Equivalent and then Measuring Capacity. The Equivalent column is used only for sorting and is not part of the RGMA values.

The 'Equivalent' column shows, where allocated, the Product Id which this row is equivalent to, the only difference between the rows with the same 'Equivalent' value being the combinations of Meter Mechanism and Payment Method. Where there is no Product Id allocated to a model, there will also be no value in the 'Equivalent' column.

4. Explanatory Notes to Annex 7

4.1 Response Codes

The Generic Code column in the following Table shows a categorisation of responses as a minimum.

The Number in the 'Examples' column indicates where there has been a suggestion to identify the exception with a specific response code.

It is anticipated that some in some cases it may be desirable to identify the exception more clearly as specific processing may be required. In these cases some of the responses within a category may need to be allocated specific response codes in their own right e.g. Date Value in the Past is strictly an 'Invalid value', but has been pulled out as it has been identified of being of particular importance. Where there is a specific code (shown in the 'Specific Code' column in the Table below), Participants can choose whether to associate specific processing with that code, or to revert to processing around the generic code.

The response code numbering below is incremented by 1000 to allow this to occur in the future with minimal change e.g. Invalid value is 02100, Invalid File Name is 02101, therefore Market Participants could either: have associated processing for 02101 or having identified that they have no specific processing for 02101 treat it as for 02100.

For the inconsistent data (05100) exceptions, there is more than one value causing the exception e.g. the measuring capacity is not consistent for this Model. It is envisaged that one value e.g. measuring capacity would be referenced in Reason record Attribute Number field, the Response notes would provide further information e.g. 'Model Code' or its attribute number would be added to the Response notes.

As explained above, the Response Code is associated to File, Transaction or Record level in the Reason transaction, thus one response code can cover exceptions at all these levels. For example if the exception is the:

- File Type Code at the file level - response code 02100 will be in the Reason record at the file level (following the Response Transaction record), with the file type attribute referenced as the exception;
- MPR Number at the transaction level – response code 02100 will be in the Reason record at the Transaction level (following the Transaction Outcome), with the MPR Number attribute referenced as the exception;
- Model Code at the record level - response code 02100 will be in the Reason record at record level (following the Erroneous Product record), with the Model Code attribute referenced as the exception.