

ONAGE File Minimum Example (Appointment)

1	Transaction	A0177 – Record Identifier A0055 – Transaction Reference A0144 – Transaction Type Code = Appnt A0081 - Effective From Date A0053 – Contract Reference
1.2	Meter Point	A0177 – Record Identifier A0072 – Meter Point Reference
1.2.1	Meter Point Address	A0102 – Address Type Code A0006 – Building Name A0008 – Thoroughfare A0011 – Post Town A0013 – Post Code

Minimum ONAGE File Example (Appointment)

"HEADR","ONAGE","LEP","**SUP**","**ESS**","**MAM**",20110713,"204228","PN123456","PRDCT",3,1
"TRANS","5586494","", "**EDF01**",APPNT",,,,,,,,"",20110715,
"MTPNT",,,,1234567890,"**T**",,,,,,,,""
"ADDRS","MTRPT",,,,,,"123",,,, "MILTON ROAD",,,,, "HOVE",,,, "BN3 2PF",,,,,
"TRAIL "

Complete ONAGE File Example (Appointment)

```
"HEADR","ONAGE","LEP","SUP","ESS","MAM",20110713,"204228","PN123456","PRDCT",19,1
"TRANS","5586494","COMMERCIAL METER","EDF01","APPNT","CA","","","","D","","",20110715,
"ADDRS","MTRPT","BUILDING CONCEALED BEHIND OFFICE","FLAT 1","123","BACK MILTON ROAD","MILTON ROAD","MILBANK","WESTMINSTER","HOVE","EAST SUSSEX","BN14 8NL",515422,104541,000000,"PO BOX 151"
"NAME","KEYH","MR","J","BLOGGS",
"CONTM","EMAIL","ELECTRONIC MAIL"
"MTPNT","",1234567890,"F","LI","00","ONE OF THE WALLS OUTSIDE IN WHITE BOX","FRONT BARRIER CODE 1223","0,
"ADDRS","MTRPT","BUILDING CONCEALED BEHIND OFFICE","FLAT 1","123","BACK MILTON ROAD","MILTON ROAD","MILBANK","WESTMINSTER","HOVE","EAST SUSSEX","BN14 8NL",515422,104541,000000,
"ASSET","","APPNT","METER","2700","CR","200/100","PCC",1998,"G4AK1234567890","00","ONE OF THE WALLS OUTSIDE IN WHITE BOX","LI"
"METER","","S","CR","SCFH","","I","T",
"CONVE","","PT","0
"REGST","","NORML",7,"SCFH","1
"MKPRT","MAP","MFE"
"NAME","","MR","J","DOE",
"ADDRS","","","16","BACK NORTHBROOK ROAD","NORTHBROOK ROAD","MILBANK","WESTMINSTER","HOVE","EAST SUSSEX","BN14 8NL",515422,104541,000000,
"CONTM","EMAIL","ELECTRONIC MAIL"
"MKPRT","MAM","BGT"
"NAME","","MR","J","DOE",
"ADDRS","","","24","BACK TAILBANK ROAD","TAILBANK ROAD","MILBANK","WESTMINSTER","HOVE","EAST SUSSEX","BN14 8NL",515422,104541,000000,
"CONTM","EMAIL","ELECTRONIC MAIL"
"CARE","04"
"TRAIL"
```

ONAGE File Minimum Example (De-appointment)

1	Transaction	A0177 – Record Identifier A0055 – Transaction Reference A0144 – Transaction Type Code = Deapp A0167 – Transaction Type Reason Code e.g. CA A0082 – Effective To Date = De-appointment date
1.2	Meter Point	A0177 – Record Identifier A0072 – Meter Point Reference

Minimum ONAGE File Example (De-appointment)

"HEADR","ONAGE","LEP","**SUP**","**ESS**","**MAM**",20110713,"204228","PN123456","PRDCT",2,1
"TRANS","5586491","","","DEAPP","CA","","","","","","",20110716
"MTPNT","",1234567890,"","","","",""
"**MKPRT**","**MAM**","**PGM**"
"TRAIL"

Complete ONAGE File Example (De-appointment)

"HEADR","ONAGE","LEP","**SUP**","**ESS**","**MAM**",20110713,"204228","PN123456","PRDCT",3,1
"TRANS","5586494","COMMERCIAL METER","","DEAPP","CA","","","","","","",20110715
"MTPNT","",1234567890,"**F**","LI","00","ONE OF THE WALLS OUTSIDE IN WHITE BOX","FRONT BARRIER CODE 1223",1.022640,,
"**MKPRT**","**MAM**","**PGM**"
"TRAIL"

Questions:

The group need to agree if the below are acceptable for an enduring solution. I've highlighted some of these in RED for the file examples

- 1) ONAGE Header Contains LEP as a Supplier (SUP) for normal baseline work not as a Shipper (SHIP). The Header also contains IGT as MAM and not GT in normal Baseline function. The group discussed using the IGT MAM code instead for this example I've used ESP's MAM ESS
- 3) Contract Reference is a mandatory field for an appointment. The group will need to agree what to use in this I've defaulted to EDF01 for example purposes
- 4) All text in examples are displayed with CAPS although this isn't necessary for file itself. I just found it easier to write this using one format
- 5) P for meter link code in the baseline indicates Prime Meter which would have an associated Sub Meter some IGT's view P to mean Primary which is same as freestanding (F) will this be an issue?
- 6) Minimum example in the Baseline does not contain details of new MAM for CA De-appointment – this should be sent according to guidelines however. For a Change of Agent De-appointment the MKPRT should contain new MAM code not SUP code as with a Change of Supply – this is so IGT MAM know where to send meter details (ONDET)
- 7) Group need to agree on padding of numbers with Length and decimal – EDF Energy believe it's standard practice not to pad numbers and decimals in RGMA

RNAGE Response File

Record failed validation on the ONAGE

1	Response	A0177 – Record Identifier
1.2	Transaction Outcome	A0177 – Record Identifier A0197 – Response Type code (RNAGE) A0193 – Outcome Code e.g. REJCT A0072 – Meter Point Reference A0055 – Transaction Reference
1.2.1	Reason	A0177 – Record Identifier A0190 – Response Code

Minimum RNAGE file example for Rejection of De-appointment

"HEADR","RESPN","ESS","MAM","LEP","SUP",20110713,"235959","PN123456","PRDCT",3,1
"RESPN","", ""
"TROUT","RNAGE","REJCT",1234567890,"098765432101234","", ""
"REJRS","", "10102", ""
"TRAIL"

Maximum RNAGE file example for Rejection of De-appointment

"HEADR","RESPN","ESS","MAM","LEP","SUP",20110713,"235959","PN123456","PRDCT",5,1
"RESPN","PN123456",20110713,"235959"
"TROUT","RNAGE","REJCT",1234567890,"098765432101234","APPNT", ""
"REJRS","A0072","09100","METER POINT REFERENCE MISSING(09101)"
"MTPNT","", "F","", "", "", "", "", ""
"REJRS","A0074","10102","MARKET PARTICIPANT record missing(1154)"
"TRAIL"

RNAGE Response File Cont.

RNAGE File Level Rejection (i.e. ONAGE was corrupt)

1	Response	A0177 – Record Identifier (REJFL) A0186 – File Id A0184 – Created Date A0185 – Created Time
1.1	Reason	A0177 – Record Identifier A0190 – Response Code

Minimum RNAGE file example for Rejection of De-appointment

```
"HEADR","REJFL","ESS","MAM","LEP","SUP",20110713,"235959","PN123456","PRDCT",2,1  
"REJFL","PN123456",20110713,"235959"  
"REJRS","", "02101", ""  
"TRAIL"
```

Maximum RNAGE file example for Rejection of De-appointment

```
"HEADR","REJFL","ESS","MAM","LEP","SUP",20110713,"235959","PN123456","PRDCT",2,1  
"REJFL","PN123456",20110713,"235959"  
"REJRS","", "02101", "The number of Transactions in the file does not match the number specified in the Header"  
"TRAIL"
```

RNAGE Response File Cont.

RNAGE Accept response to a request for a de-appointment

1	Response	A0177 – Record Identifier
1.2	Transaction Outcome	A0177 – Record Identifier A0197 – Response Type code (RNAGE) A0193 – Outcome Code e.g. ACCPT A0072 – Meter Point Reference A0055 – Transaction Reference

Minimum RNAGE file example for Acceptance of De-appointment

```
"HEADR","REJFL","ESS","MAM","LEP","SUP",20110713,"235959","PN123456","PRDCT",2,1
"RESPN","",""
"TROUT","RNAGE","ACCPT",1234567890,"098765432101234","",""
"TRAIL"
```

Maximum RNAGE file example for Acceptance of De-appointment

```
"HEADR","REJFL","ESS","MAM","LEP","SUP",20110713,"235959","PN123456","PRDCT",2,1
"RESPN","PN123456",20110713,"235959"
"TROUT","RNAGE","ACCPT",1234567890,"098765432101234","DEAPP",""
"TRAIL"
```

Questions:

The group need to agree if the below are acceptable for an enduring solution. I've highlighted some of these in RED for the file examples

- 1) ONAGE Header Contains LEP as a Supplier (SUP) for normal baseline work not as a Shipper (SHIP)
- 2) ONAGE Header Contains IGT as MAM and not GT in normal Baseline function. The group discussed using the IGT MAM code instead for this example I've used ESP's MAM ESS
- 3) Minimum example for a record failed validation in the baseline does not contain enough information compared with baseline notes. See MTPNT segment in RNAGE record failed validation – this segment is not in minimum examples yet notes state it should be provided if the rejection is a data item level.

ONUPD File Minimum Example (Update File)

An update of the number of digits on a meter, where there was no associated job notification:

1	Transaction	A0177 – Record Identifier A0055 – Transaction Reference A0144 – Transaction Type Code
1.2	Meter Point	A0177 – Record Identifier A0072 – Meter Point Reference
1.2.2	Asset	A0177 – Record Identifier A0144 – Transaction Type Code A0024 – Asset Class Code e.g. Meter A0022 – Serial Number
1.2.2.1	Meter	A0177 – Record Identifier
1.2.2.3	Register Detail	A0124 – Register Type Code = Meter A0178 – Notify A0121 – Number of Dials

Minimum ONUPD File Example

```
"HEADR","ONUPD","LEP","SUP","GPL","MAM",20110706,"180804","PN123456","PRDCT",5,1
"TRANS","5584843","","","UPDTE","","","","","","",""
"MTPNT","","1234567890","","","",""
"ASSET","","","UPDTE","METER","","","L1059937975M","",""
"METER","","",""
"REGST","UPDTE","","5,"
"TRAIL"
```

Complete ONUPD File Example

```
"HEADR","ONUPD","LEP","SHIP","GPL","GT",20110706,"180804","PN123456","PRDCT",15,1
"TRANS","5585795","COLLECT METER AT 11 EUSTON ROAD SE15 7JT","", "UPDTE","APPNT","JOB123456789012","JOB123456789012","", "D","", "D",
"ADDRS","MTRPT","BUILDING CONCEALED BEHIND OFFICE","FLAT 1","123","BACK MILTON ROAD","MILTON ROAD","MILBANK","WESTMINSTER","HOVE","EAST SUSSEX","BN14 8NL",515422,104541,000000,
"NAME","KEYH","MR","J","BLOGGS","DOG AT PREMISIS","PASSWORD1"
"CONTM","TEL","0200 100 999"
"MTPTNT","UPDTE",1234567890,"F","LI","00","ONE OF THE WALLS OUTSIDE IN WHITE BOX","FRONT BARRIER CODE 1223",1.022640,20110531,
"ADDRS","MTRPT","BUILDING CONCEALED BEHIND OFFICE","FLAT 1","123","BACK MILTON ROAD","MILTON ROAD","MILBANK","WESTMINSTER","HOVE","EAST SUSSEX","BN14 8NL",515422,104541,000000,
"ASSET","UPDTE","UPDTE","METER",2700,"CR","200/100","PCC",1998,"G4AK1234567890","00","ONE OF THE WALLS OUTSIDE IN WHITE BOX","LI"
"METER","UPDTE","S","CR",6.000,"","I","S",20110531,0.1
"CONVE","UPDTE","PT",0.000000
"REGST","UPDTE","METER",5,"SCFH",0.01
"READG",20110531,00,"12345"
"MKPRT","MAP","GTM"
"NAME","KEYH","MR","J","BLOGGS",
"ADDRS","MTRPT","BUILDING CONCEALED BEHIND OFFICE","FLAT 16A","1","TOP NORTHBROOK ROAD","NORTHBROOK ROAD","MILBANK","WESTMINSTER","HOVE","EAST SUSSEX","BN14 8NL",515422,104541,000000,
"CONTM","TEL","0200200100"
"TRAIL"
```

Questions:

The group need to agree if the below are acceptable for an enduring solution. I've highlighted some of these in RED for the file examples

- 1) The only minimal example of an update sent is the above in the baseline. All of the other examples would not be required for update of meter however there is only minimum for update in dials in the baseline.
- 2) ONUPD Header contains LEP as a Supplier (SHIP) for normal baseline work to GT not as a Supplier (SUP)
- 3) ONUPD Header contains GPL as GT for normal baseline work as transporter is being updated from the Shipper
- 4) There is nothing contained in Meter Section yet its included within the minimum example – this is a SPAA issue
- 5) P for meter link code in the baseline indicates Prime Meter which would have an associated Sub Meter some IGT's view P to mean Primary which is same as freestanding (F) will this be an issue?
- 6) Should fields be padded or not for example...

Multiplication factor A0120 = Number, length 6, decimal 2

Pulse Value A0194 = Number, length 7, decimal 2

Measuring capacity A0112 = Number, length 10, decimal 4

Conversion Factor A0074 = Number length 9, decimal 6

Round the Clock A0034 = Number length 2

Converter Conversion Factor A0027 = Number length 9, decimal 6

- 7) I did not include Appointment and its sub details for the maximum file example as the fields are populated in the event of found/missing asset only and we will be notifying IGT of exchanges only

ONJOB Supplier to Shipper to GT (Exchange) No minimum example within the baseline at present

Minimum ONJOB Example based on guidance notes

"HEADR","ONJOB","**LEP**","**SHIP**","**IPL**","**GT**",20110706,"181956","PN123456","PRDCT",11,1
"TRANS","POLIC1234567890","", "", "EXCHG", "", "", "", "", "", 20110531,"OAMI","196000",,
"MTPNT","",1234567890,"**F**", "", "", "", "", "",
"ASSET","UPDTE","REMVE","METER", "", "", "U6 R5","GW",1998,"E1234567890S", "", "", "RE"
"METER","UPDTE","S", "", "", "", "T",,
"REGST","UPDTE","METER",4,"SCFH",**1.000**
"READG",20110706,,"9836"
"ASSET", "", "IN STL","METER", "", "", "G4","ITR",2011,"G4A1234567890", "32", "", "LI"
"METER", "", "S", "", **6.0000**, "", "", 20110706,"S",,
"REGST", "", "METER",5,"SCMH",**1.000**
"READG",20110706,,"00000"
"APPNT", "", 20110706, "", "121801", ""
"TRAIL"

Complete ONJOB File Example

"HEADR","ONJOB","**LEP**","**SHIP**","**IPL**","**GT**",20110706,"181956","PN123456","PRDCT",13,1
"TRANS","POLIC1234567890","Additional Info:Policy meter exchanged - C R to CR.", "EDF01", "EXCHG", "POLIC", "JOB123456", "JOB123456", "COMLT", "20110706", "D", "OAMI", "A196066",,
"MTPNT","UPDTE",4199201903,"F", "", "00", "IN SUB BUILDING", "FRONT GATE ACCESS CODE 13456", **1.022640**, 20110706,
"ASSET","UPDTE","REMVE","METER", "C425", "CR", "U6", "ACT", 1998, "6519608S", "00", "IN SUB BUILDING", "RE"
"METER","UPDTE","S", "CR", "", "I", 20110706, "T",,
"CONVE","UPDTE", "TPD", **1.000**
"REGST","UPDTE","METER",4,"SCFH",**1.000**
"READG",20110706,**1**, "9836"
"ASSET", "", "IN STL","METER", "", "CR", "G4", "ITR", 2011, "G4A00564961101", "00", "IN SUB BUILDING", "LI"
"METER","UPDTE","S", "CR", 6.0000, "", "", 20110706, "T",,
"CONVE","UPDTE", "TPD", **1.000**
"REGST", "", "METER",5,"SCMH",**1.000**
"READG",20110706,,"00000"
"APPNT", "", 20110706, 20110706, "", "121801", "122300"
"TRAIL"

ONJOB Questions:

The group need to agree if the below are acceptable for an enduring solution. I've highlighted some of these in RED for the file examples

1. ONJOB Header contains LEP as a Supplier (SHIP) for normal baseline work to GT not as a Supplier (SUP)
2. ONJOB Header contains GPL as GT for normal baseline work as transporter is being updated from the Shipper
3. P for meter link code in the baseline indicates Prime Meter which would have an associated Sub Meter some IGT's view P to mean Primary which is same as freestanding (F) will this be an issue?
4. The Meter Link Code A0076 is marked as X (not required) however notes state that if ONJOB is sent as UPDTE in Data Update Code A0178 that updates are exceptional and are to be discussed with the GT. As EDF Energy we normally populate this field
5. Should fields be padded or not for example...

Multiplication factor A0120 = Number, length 6, decimal 2

Pulse Value A0194 = Number, length 7, decimal 2

Measuring capacity A0112 = Number, length 10, decimal 4

Conversion Factor A0074 = Number length 9, decimal 6

Round the Clock A0034 = Number length 2

Converter Conversion Factor A0027 = Number length 9, decimal 6

MAM File Format (K08)

Minimum MAM file example

```
"A00",10001399,"MAM",20050222,123518,46  
"K08",1234567890,"MFE",20110713,""  
"Z99",1
```

Maximum MAM file Example

```
"A00",10001399,"MAM",20050222,123518,46  
"K08",1234567890,"MFE",20110713,"S"  
"Z99",1
```

MAS File Format (K09)

MAS file if K08 was Accepted

Minimum MAS file example

```
"A00",10001399,"MAS",20110713,135959, 000001  
"K09","AC",1234567890,"MFE",20110713,""  
"Z99",1
```

Maximum MAS file Example

```
"A00",10001399,"MAS",20110713,135959, 000001  
"K09","AC",1234567890,"MFE",20110713,"S"  
"Z99",1
```

MAS File Format (K09) Cont.

MAS file if K08 was Rejected

Minimum MAS file example

"A00",**10001399**,"MAS",20110713,135959, **000001**
"K09","RJ",1234567890,"MFE",20110713,""
"S72","MET00564"
"Z99",2

Maximum MAS file Example

"A00",**10001399**,"MAS",20110713,135959, **000001**
"K09","RJ",1234567890,"MFE",20110713,"S"
"S72","MET00564"
"Z99",2

MAM/MAS Questions:

The group need to agree if the below are acceptable for an enduring solution. I've highlighted some of these in RED for the file examples

- 1) A00 record uses the shipper reference number rather than short code I have user our LEP license as an example
- 2) A00 Generation number is length 6 and should match that of the file number i.e. the file we would have sent to xoserve on these examples would be PN000001.MAM

UPR Response Format - Can only be used for Record level responses that pass validation. File/Record validation rejection use the FRJ file

ONUPD file was Accepted

Minimum UPR file example Accept

```
"HEADR","RESPN","IPL","GT","LEP","SHIP",20110713,"165959","PN123456","PRDCT",2,1
"RESPN","",""
"TROUT","RNUPD","ACCPT",1234567890,"3375","",""
"TRAIL"
```

Maximum UPR file example Accept

```
"HEADR","RESPN","IPL","GT","LEP","SHIP",20110713,"165959","PN123456","PRDCT",2,1
"RESPN","PN000018",20040806,"080617"
"TROUT","RNUPD","ACCPT",48824000,"3375","APPNT",""
"TRAIL"
```

ONUPD file was Rejected

Minimum UPR file example Reject

```
"HEADR","RESPN","IPL","GT","LEP","SHIP",20110713,"165959","PN123456","PRDCT",4,1
"RESPN","PN000018",20040806,"080617"
"TROUT","RNUPD","REJCT",1234567890,"REJECT123456789","",""
"ASSET","UPDTE","UPDTE","METER","","","U6","OOP",1900,"L123456789M","32","UNKNOWN","LI"
"REJRS","","02108",""
"TRAIL"
```

Maximum UPR file example Reject

```
"HEADR","RESPN","IPL","GT","LEP","SHIP",20110713,"165959","PN123456","PRDCT",4,1
"RESPN","PN000018",20040806,"080617"
"TROUT","RNUPD","REJCT",1234567890,"REJECT123456789","UPDTE",""
"ASSET","UPDTE","UPDTE","METER","","","U6","OOP",1900,"L123456789M","32","UNKNOWN","LI"
"REJRS","A0060","02108","Value not Recognised"
"TRAIL"
```

JRS Response Format - Can only be used for Record level responses that pass validation. File/Record validation rejection use the FRJ file

ONJOB file was Accepted

Minimum UPR file example Accept

```
"HEADR","RESPN","IPL","GT","LEP","SHIP",20040805,"231856","PN000012","PRDCT",2,1
"RESPN","",,""
"TROUT","RNJOB","ACCPT",1234567890,"ACPT12345678901","",""
"TRAIL"
```

Maximum JRS file example Accept

```
"HEADR","RESPN","IPL","GT","LEP","SHIP",20040805,"231856","PN000012","PRDCT",2,1
"RESPN","PN000031",20040714,"140141"
"TROUT","RNJOB","ACCPT",1234567890," ACPT12345678901","EXCHG","",""
"TRAIL"
```

ONJOB file was Rejected

Minimum JRS file example Reject

```
"HEADR","RESPN","IPL","GT","LEP","SHIP",20110713,"174853","PN123456","PRDCT",4,1
"RESPN","PN123456",20110713,"170629"
"TROUT","RNJOB","REJCT",1234567890,"REJECT123456789","",""
"ASSET","",,"INSTL","METER","",,"PP","METUG","GW",1998,"L123456789M","32","",,"LI"
"REJRS","",,"05100",""
"TRAIL"
```

Maximum JRS file example Reject

```
"HEADR","RESPN","IPL","GT","LEP","SHIP",20110713,"174853","PN123456","PRDCT",4,1
"RESPN","PN123456",20110713,"170629"
"TROUT","RNJOB","REJCT",1234567890,"REJECT123456789","INSTL","",""
"ASSET","",,"INSTL","METER","",,"PP","METUG","GW",1998,"L123456789M","32","",,"LI"
"REJRS","A0024","05100","Meter already fitted to the Meter Point"
"TRAIL"
```

MAM/MAS Questions:

The group need to agree if the below are acceptable for an enduring solution. I've highlighted some of these in RED for the file examples

- 1) MAS/MAM Header contains LEP as a Supplier (SHIP) for normal communication from GT not as a Supplier (SUP)
- 2) MAS/MAM Header contains IPL as GT for normal responses as transporter is being updated from the Shipper