

ParsingRules05072013.txt

All dates send a two digit year. The time on the transmission header uses a 24 hour clock and all other times in the ticket body use a 12 hour clock.

There is no preset limit on the length of the "Location" or "Remarks" fields.  
There is no preset limit on the number of grids or members.

The header reads

MBRCOD SEQNO OUPSx MM/DD/YY HH:MM:SS TICKET-REV PPPP TTTT LLLL CCCC (additional information)

The "x" following OUPS will be either "a" or "b" depending on the sending location.

The ticket numbers are in the form XYJJNNNNN where

X is the system identifier "A" or "B"

Y is the last digit of the year

JJJ is the Julian day of the year (001-366)

NNNNN is the ticket number of the day

The revision is a two digit number followed by a system identifier.

On transmissions that are not tickets, the sequence number is replaced with one of the following:

\*SOD\* for a start of day message (not sent by this center).

\*EOD\* for an end of day audit.

\*SUM\* for a transmission summary that is not the end of day, e.g. a request for all tickets sent thus far on the current day, or a resend of a prior day's end of day summary, or a summary of another member code's transmissions sent at end of day.

\*MSG\* for an administrative broadcast message.

PPPP is the ticket priority is one of:

ROUT Routine notice

INSF Insufficient notice

EMER Emergency (optionally followed by bells for data modem receivers)

TTTT is the ticket type and is one of:

NEW New (only 3 bytes are sent)

UPDT Update

REPT Repeat

CNCL Cancel

LATE Late notice reminder for overdue positive response

LLLL is the notification (lookup) type and is one of:

NONE None

CNTY County

PLCE Place

GRID Grid

STRT Street

POLY Polygon

CCCC is the ticket category and is one of:

- LREQ Location request
- DGIN Dig-in
- DSGN Design
- ONJB On the job
- LPRJ Large Project/Meet ticket
- MDIG Dig ticket off the Large Project/Meet ticket

The additional information can include the following if applicable.

RSND Resend of a ticket at the member's request.

Additional codes for any of the above may be added in the future.

Ticket body

|  |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|
| 1  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890 |   |   |   |   |   |   |   |   |

Ticket : A123456789 Rev: 12A Taken: MM/DD/YY HH:MM AM Channel: 123

This line will appear on all transmissions.

|  |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|
| 1  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890 |   |   |   |   |   |   |   |   |

Old Tkt: A123456789 Taken: MM/DD/YY HH:MM AM

This line will only appear if the revision is 01 or higher, or if the new ticket refers to a different ticket number.

|  |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|
| 1  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890 |   |   |   |   |   |   |   |   |

State: 12 Cnty: 1234567890 Place: 1234567890123456789012345678901234567890

There can be more than one occurrence of this line. The primary place will always be sent first.

|  |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|
| 1  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890 |   |   |   |   |   |   |   |   |

Subdivsn: 1234567890123456789012345678901234567890

This line is suppressed if no subdivision was given.

|  |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|
| 1  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890 |   |   |   |   |   |   |   |   |

Lot nbrs: 1234567890123456789012345678901234567890

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This line is suppressed if no lot numbers were provided.

|  |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|
| 1  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890 |   |   |   |   |   |   |   |   |

Address : 12345678901-12345678901 Street: 1234567890123456789012345678901234567890

The address will be blank if not provided. If there is a single address, there will not be a hyphen. The position of the "Street:" label is not fixed on the line. It will begin with two spaces after the last address character. This is because the maximum length of this line is 83 characters if all fields are full, and for compatibility with printers, we try to keep the line length at 80 characters or below.

|  |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|
| 1  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890 |   |   |   |   |   |   |   |   |

Cross 1 : 1234567890123456789012345678901234567890 Intersection: Y

This line is suppressed if if there is no cross street.

|  |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|
| 1  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890 |   |   |   |   |   |   |   |   |

Cross 2 : 1234567890123456789012345678901234567890 Between: Y

This line is suppressed if if there is no second cross street.

|  |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|
| 1  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890 |   |   |   |   |   |   |   |   |

Rail/Hwy: 123 Milemarker(s): 1234567890123456789012345678901234567890

This line is always sent even if the fields are blank.

|  |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|
| 1  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890 |   |   |   |   |   |   |   |   |

Where : THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG 1234567890 TIMES AND  
: HASTILY RUNS INTO THE CHICKEN COOP. THE QUICK BROWN FOX JUMPS OVER THE  
: LAZY DOG 1234567890 TIMES AND HASTILY RUNS INTO THE CHICKEN COOP. THE  
: QUICK BROWN FOX JUMPS OVER THE LAZY DOG 1234567890 TIMES AND HASTILY  
: RUNS INTO THE CHICKEN COOP. THE QUICK BROWN FOX JUMPS OVER THE LAZY  
: DOG 1234567890 TIMES AND HASTILY RUNS INTO THE CHICKEN COOP.

This field is always sent. Long lines will word wrap at column 80. There is no set limit to the length of this field.

|  |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|
| 1  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890 |   |   |   |   |   |   |   |   |

WorkType: 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890

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Done for: 1234567890123456789012345678901234567890123456789012345678901234567890  
Done by : 1234567890123456789012345678901234567890123456789012345678901234567890  
Whitelined: Y Blasting: Y  
Means of Excavation:  
1234567890123456789012345678901234567890123456789012345678901234567890

These fields are always sent.

1 2 3 4 5 6 7 8 9  
12345678901234567890123456789012345678901234567890123456789012345678901234567890  
Dig In : CATV/ELECTRIC/FIBER/GAS-BLOWING/PHONE/SEWER/WATER/CHEMICAL SPILL/OTHER UNKNOWN

This line is sent only for tickets with a DGIN (dig-in) category. Only those items which apply will be sent. The OTHER UNKNOWN wording is just a placeholder and other text will appear.

1 2 3 4 5 6 7 8 9  
12345678901234567890123456789012345678901234567890123456789012345678901234567890  
Work date: MM/DD/YY HH:MM AM Meet: Y

This information is always sent.

1 2 3 4 5 6 7 8 9  
12345678901234567890123456789012345678901234567890123456789012345678901234567890  
Start by : MM/DD/YY HH:MM AM Response Due: MM/DD/YY HH:MM AM

This line is sent only when a positive response is required.

1 2 3 4 5 6 7 8 9  
12345678901234567890123456789012345678901234567890123456789012345678901234567890  
GPS lat : 1234567890 GPS long: 12345678901

This is latitude/longitude information provided by the caller. It is a free form test field however they provide the information. It is suppressed if not given.

1 2 3 4 5 6 7 8 9  
12345678901234567890123456789012345678901234567890123456789012345678901234567890  
Best Fit: 12.345678/-123.456789 12.345678/-123.456789  
: 12.345678/-123.456789 12.345678/-123.456789

This data is sent only if available. Also because Ohio is within 81 to 85 west longitude, the second coordinate will start in column 32. To make a polygon, the points should be traversed in a clockwise direction, that is Best Fit: (A)Lat1/Long1 (B)Lat2/Long2  
: (D)Lat4/Long4 (C)Lat3/Long3

If there are only 3 points, the first line will have two coordinates and the second line will have only one coordinate (C)Lat3/Long3 but in column 11.

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1 2 3 4 5 6 7 8 9  
12345678901234567890123456789012345678901234567890123456789012345678901234567890  
Bounds : 12.345678/-123.456789 12.345678/-123.456789  
: 12.345678/-123.456789 12.345678/-123.456789

This data is not sent if best fit data was sent above. It will also not be sent if there is no bounding data available. Also because Ohio is within 81 to 85 west longitude, the second coordinate will start in column 32. To make a polygon, the points should be traversed in a clockwise direction, that is  
Bounds : (A Upper left)Lat1/Long1 (B Upper right)Lat2/Long2  
: (D Lower left)Lat4/Long4 (C Lower right)Lat3/Long3

1 2 3 4 5 6 7 8 9  
12345678901234567890123456789012345678901234567890123456789012345678901234567890  
Comments: THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG 1234567890 TIMES AND  
: HASTILY RUNS INTO THE CHICKEN COOP. THE QUICK BROWN FOX JUMPS OVER THE  
: LAZY DOG 1234567890 TIMES AND HASTILY RUNS INTO THE CHICKEN COOP. THE  
: QUICK BROWN FOX JUMPS OVER THE LAZY DOG 1234567890 TIMES AND HASTILY  
: RUNS INTO THE CHICKEN COOP. THE QUICK BROWN FOX JUMPS OVER THE LAZY  
: DOG 1234567890 TIMES AND HASTILY RUNS INTO THE CHICKEN COOP.

This field is always sent. Long lines will word wrap at column 80. There is no set limit to the length of this field.

1 2 3 4 5 6 7 8 9  
12345678901234567890123456789012345678901234567890123456789012345678901234567890  
Design call back requested: Y Mailing of plan drawings requested: Y

This line is sent only for tickets with a DSGN (design) & LPRJ (large project) category.

1 2 3 4 5 6 7 8 9  
12345678901234567890123456789012345678901234567890123456789012345678901234567890  
Caller : 123456789012345678901234567890 Phone: 123-456-7890 Ext: 1234  
Company : 1234567890123456789012345678901234567890 Type: 1234  
Co addr : 1234567890123456789012345678901234567890

The above lines are always sent. The phone extension is suppressed if empty.  
The company type can contain  
CONT = contractor  
MEMB = utility member  
HOME = homeowner  
but other types should be allowed for future additions.

1 2 3 4 5 6 7 8 9  
12345678901234567890123456789012345678901234567890123456789012345678901234567890  
Co addr2: 1234567890123456789012345678901234567890

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This line is suppressed if there is no second address line.

|  |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|
| 1  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890 |   |   |   |   |   |   |   |   |

City : 123456789012345678901234567890 St: 12 Zip: 12345-6789

This line is always sent.

|  |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|
| 1  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890 |   |   |   |   |   |   |   |   |

Alt Tel#: 123-456-7890 Ext: 1234  
 Fax : 123-456-7890  
 Alt cont: 123456789012345678901234567890 Phone: 123-456-7890 Ext: 1234  
 Email: 12345678901234567890123456789012345678901234567890123456789012345678901234567890

These lines are all optional depending on whether they are populated. The telephone extensions at the end of the lines are suppressed when blank.

For data modem receivers, they can optionally be sent bells at this point when the ticket priority is EMER.

|  |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|
| 1  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890 |   |   |   |   |   |   |   |   |

Members:  
 MBR001 =COMPANY DESCRIPTION MAX LEN 30 MBR002 =COMPANY DESCRIPTION MAX LEN 30  
 MBR003 =COMPANY DESCRIPTION MAX LEN 30 MBR004 =COMPANY DESCRIPTION MAX LEN 30  
 MBR005 =COMPANY DESCRIPTION MAX LEN 30 MBR006 =COMPANY DESCRIPTION MAX LEN 30  
 MBR007 =COMPANY DESCRIPTION MAX LEN 30

If the member code length exceeds 7 characters, the equal sign will shift to the right and fewer characters from the company name or description will be sent.

|  |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|
| 1  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890 |   |   |   |   |   |   |   |   |

Members:  
 Lbps:  
 MBR008 =COMPANY DESCRIPTION MAX LEN 30 MBR009 =COMPANY DESCRIPTION MAX LEN 30  
 MBR010 =COMPANY DESCRIPTION MAX LEN 30 MBR011 =COMPANY DESCRIPTION MAX LEN 30  
 MBR012 =COMPANY DESCRIPTION MAX LEN 30

These are the Limited Basis Participants, if any. This block is suppressed if there aren't any on the ticket. If the member code length exceeds 7 characters, the equal sign will shift to the right and fewer characters from the company name or description will be sent.

|  |   |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|---|
| 1  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890 |   |   |   |   |   |   |   |   |

[Ticket (re)sent at your request]

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[Originally sent as sequence number 12345 at MM/DD/YY HH:MM]

One of these will appear only when a resend of a ticket to a specific destination has been requested. The header line at the beginning also will have RSND at the end of the line. The time shown here uses a 24 hour clock.