

REGISTERS OF SCOTLAND
Executive Agency



LRS/LAND VALUE
INTERFACE SPECIFICATION

1. LAND VALUE INTERFACE SPECIFICATION

1.1. OVERVIEW

The Land Value interface provides the mechanism to extract information from LRS for applications received over a set period and output the data in an electronic form suitable to be used to populate databases.

1.2. INTERFACE PROCESS

The Land value process performs the following functions:

- Find the applications within a specified date range.
- Output the application data as a set of related files (a master file and supplementary files for address, applicant and granter details)

The process takes the form of a program activated upon demand by an admin user of LRS. There is no automated processing however the program could be run via the (cron) schedule.

Any errors will be logged in the standard LRS fashion.

1.3. DATA FILE FORMAT

Each file will contain a single header record of column headers followed by records of column values in Comma-Separated Value (CSV) format. Plain column values (including the header) will have the values unquoted, whereas values with any special characters, double-quotes, commas or spaces will be quoted with double-quotes. A double-quote within a value will be output as 2 consecutive double-quotes within the double quoted value. All records will be terminated by a carriage return <CR> and linefeed <LF>.

In the individual file descriptions below the fully variable fields Varchar (*) can optionally be truncated to a specified length. Any fields that exceed this specified length (n) will be truncated to n-2 and the last 2 chars set to 2 dots ('..') to indicate the truncation has taken place.

1.3.1. Master File

This will contain a header line of the column lines and one record (line) per application that has an application date within the specified date range. The format of the columns and values will be as follows :

| Field name | Format | Notes |
|--------------------------|----------------------|--|
| Application date | Date – DD/MM/YYYY | |
| Title number | Char(10) – CCCn... | |
| Application number | Char(10) – YYCCNNNNN | |
| Application type | Char(2) | |
| Parent title | Char(10) – CCCn... | Only present for certain application types |
| Deed codes | Varchar(255) | List of application deed codes |
| Subject Description | Varchar(*) | |
| Consideration | Integer | Application Price |
| Land Class | Char(1) | |
| Date of Entry | Date – DD/MM/YYYY | |
| Minimum/Maximum Easting | Decimal | |
| Minimum/Maximum Northing | Decimal | |

1.3.2. Address File

This will contain a header line of the column lines and one record(line) per address per application. There may be 0 or more addresses per master application. The format of the columns and values will be as follows :

| Field name | Format | Notes |
|--------------------|-----------------------|--|
| Application number | Char(10) – YYCCCNNNNN | Cross reference to master file |
| Title number | Char(10) – CCCn... | As per master file |
| Parent Title | Char(10) – CCCn... | As per master file |
| Sequence | Integer | The sequence of the address within the application/title |
| Sub building name | Varchar(30) | |
| Building name | Varchar(50) | |
| Property number | Smallint | |
| Thoroughfare | Varchar(80) | |
| Locality | Varchar(35) | |
| Post town | Varchar(30) | |
| County | Varchar(30) | From DMS gazetteer postal_county if present else register county |
| Postcode | Char(7) | Note no space if first number is 2 digits e.g.: SO167NS |
| OSAPR | Char(18) | OS address point reference |
| Department name | Integer | From DMS gazetteer – department_name |
| Organisation name | Integer | From DMS gazetteer – organisation_name |
| Positional quality | Integer | From DMS gazetteer – positional_quality |
| Eastings | Integer | From DMS gazetteer – eastings |
| Northings | Integer | From DMS gazetteer – northings |
| Suffix | Varchar(*) | Address suffix text |

1.3.3. Applicants File

This will contain a header line of the column lines and one record (line) per applicant per application with their address details. There may be 0 or more applicants per master application. The format of the columns and values will be as follows :

| Field name | Format | Notes |
|--------------------|----------------------|--|
| Application number | Char(10)– YYCCCNNNNN | Cross reference to master file |
| Title number | Char(10) – CCCn... | As per master file |
| Sequence | Integer | The sequence of the address within the application/title |
| Forename | Varchar(120) | Multiple forenames will be separated by a single space |
| Surname | Varchar(120) | May include alias in the form: SMITH or JONES |
| Sub building | Varchar(30) | |
| Building name | Varchar(50) | |
| Property number | Smallint | |
| Thoroughfare | Varchar(80) | |
| Locality | Varchar(35) | |
| Town | Varchar(30) | |
| County | Varchar(30) | From DMS gazetteer postal_county if present else register county |
| Postcode | Char(7) | See Address File – postcode |
| Country | Varchar(25) | Populated if not Scotland/UK |

1.3.4. Granters File format

This will contain a header line of the column lines and one record (line) per granter per application with their address details. There may be 0 or more granters per master application. The format of the columns and values is identical to that of the Applicants File.