Magrathea NTSAPI 999 Appendix

This details the additional commands to the 'Number Translation Service' API documentation and should be read in conjunction with the main Numbering API Instructions document.

Access to the emergency services in the UK is handled initially by an Emergency Handling Authority who answer the phone call, confirm address details and then pass the call to the appropriate local emergency services operator.

In order that name and address details are available, data must be submitted in advance to the EHA for each phone number that may make 999 calls.

The primary concern is that ALL data submitted should be valid as the purpose of the information is to speed up handling of 999 calls and the despatch of the relevant emergency services.

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Commands

All commands related to 999 data processing will be of the following form:

```
INFO <number> 999 <instruction> [value]
```

Operational commands

INFO <number> 999 CREATE

This command is used to create a new 999 record for the number given. This must be used before any other 999 commands and should only be used once which will return:

```
0 Record created
```

Subsequent uses of this command will fail and return:

```
1 Create failed (record exists)
```

This does not affect the status of any existing data.

INFO <number> 999 VALIDATE

This command is used to commence the actual data submission process. Before using this command, you should ensure that the data provided in all fields is correct and present.

There are several stages to the validation process. Initial basic validation is performed immediately to ensure that fields are completed and that the data appears valid. If this is all passed correctly, then you may receive the response:

```
0 Information Valid
```

If a secondary validation stage is deemed necessary before submission (this is usually the case) then you will receive the response:

```
1 Parsed OK. Check later for status.
```

This response means that whilst initial checks are completed, a further set of checks are being performed before the information is transmitted to the EHA.

A selection of records may be selected randomly for this extra checking to ensure the quality of data submitted to the EHA is acceptable.

```
2 Validation failed
```

This means that validation of the address data submitted has failed. This is a fatal error – until you check and resubmit the data and issue another VALIDATE command, nothing will be submitted to the EHA.

INFO <number> 999 STATUS

This command retrieves the status of submission for the number and a variety of responses are possible.

`0 Accepted`

This response means that the information was submitted to the EHA and has been processed and validated by them successfully and is now live in the 999 database.

`1 Info received`

Some data has been provided for the number but this has **NOT** yet been submitted to the EHA because it has not yet been validated. You MUST issue a successful VALIDATE command for the data to be submitted to the EHA.

`2 Info awaiting further validation`

Data has been provided and is awaiting our secondary validation processing after which it will be automatically submitted to the EHA.

`3 Info submitted`

Data has been provided, passed all Magrathea validation and has been submitted to the EHA for processing.

`6 Submitted – Awaiting manual processing`

We will set the record to this state if we get a response from the EHA that the record has gone into their manual checking queue. Usually we will get a response back after a day or two and the status will change, but it can take seven days for them to fully process it.

`8 Rejected` *`(message)`*

The information was rejected by the EHA. This is a final error code and means you must check the data and resubmit it for processing. The 'message' text in brackets provides further details where available

`9 No record found`

No data was found for the number given

Please note that it is not unusual for it to take several days for the status to change from a status of 2 or 3 to a final '0 Accepted' or '8 Rejected' state. This is due to the fact that processing the address record may have to be done manually.

You should not issue a STATUS request more than once per day for any given number.

You should not contact Magrathea about the status for a number unless at least 7 working days have elapsed since you successfully issued a VALIDATE command on the number.

INFO <number> 999 DATA

This command will retrieve the current data stored for the number given, with a single entry on each line consisting of the entry name followed by a space and the entry value.

Once all data has been retrieved, the following response is sent:

```
9 End
```

For example:

```
INFO 01183210321 999 DATA
0 FORENAME John
0 NAME Smith
9 End
```

If no data has been stored for the number, then you will receive:

```
9 No record found
```

Entering Name and Address details

The following commands are available to store address details for a particular number. Where restrictions on the values apply, they have been listed with each particular submission command.

The Max Size indicated for each item is the absolute maximum and cannot be increased. If a data value does not fit then use the most appropriate method to truncate the data, whilst ensuring it still provides meaningful information for the emergency services.

Please note that the submission and validation criteria applied by the EHA are extremely strict and often records that fail any automated checking are then validated manually.

You should supply as many of the fields as possible to give the best possible chance of the emergency services locating the caller. This is used both to validate that the address the caller gives is the same as the data held but especially in the event that they get a 'silent call'.

A successful entry will return:

```
0 Information updated
```

If the data could not be stored, you will receive:

```
1 Update failed
```

If you try to store data for a keyword that does not exist, you will receive:

```
9 Invalid keyword
```

Name information

INFO <number> 999 TITLE <value>

Max Size: 20 characters
This is to be used for Honorary or Professional titles ONLY.

INFO <number> 999 FORENAME <value>

Max Size: 20 characters
This can be used for either the forename or initials. If more than one initial is included these MUST be separated by a full stop eg D.R.A Smith

INFO <number> 999 NAME <value>

Max Size: 50 characters
The surname or business name for the entry. The EHA provide a list of **required** abbreviations for this item – please see the end of this document.

INFO <number> 999 HONOURS <value>

Max Size: 30 characters
Any officially received Honours to be placed after the name fields.

INFO <number> 999 BUSSUFFIX <value>

Max Size: 50 characters
Addition to business name (eg ‘Ltd’, ‘plc’)
The EHA provide a list of **required** abbreviations for this item – please see the end of this document.

NOTE: You should enter either a person OR a business using these name fields, and not both.

Address Information

INFO <number> 999 PREMISES <value>

Max Size: 60 characters
Identifies the actual premises ie house name and/or number. For example ’24, Bleak House’

INFO <number> 999 THOROUGHFARE <value>

Max Size: 55 characters
The thoroughfare (street) name. For example: ‘Byron Close’, ‘Suffolk Lane’, ‘High Street’

INFO <number> 999 LOCALITY <value>

Max Size: 30 characters

For the purposes of submitting 999 information the ‘locality’ field is used to indicate BOTH the Village/Area and town/city of the address. This concatenation of two items is specified by the EHA.

This means that if you need to provide an area as well as a town/city they should be comma separated:

```
INFO 01183210321 999 LOCALITY Area, Town
```

INFO <number> 999 POSTCODE <value>

This value should be a valid UK postcode that must match the address details given in the other address fields. Magrathea does not perform validation that the address matches the postcode given though such validation may be performed by the EHA.

Ported Numbers

It is also possible to submit 999 address data for numbers that have been ported to Magrathea, if your NTSAPI account has been given permission to do so.

If you would like this functionality enabled on your account, please contact support.

To control a ported number you should replace the initial zero of a number with a ‘P’.

As an example, if you had ported the number 0118 321 0321 to Magrathea and have had your API account enabled for both Ported number control and 999 data submissions then you can use the following commands:

```
INFO P1183210321 999 CREATE
INFO P1183210321 999 LOCALITY Wokingham
```

999 Address updates following number porting

When a number is ported onto our network, the BT EHA database must be updated to reflect the change of provider.

Once the port completes, we automatically submit a record adoption request to the BT EHA. **Please note:** This initial submission contains only the **name and postcode** from your port order as placeholder data, rather than the full address.

Due to the batched submission process and manual processing at the BT EHA, record adoption can take up to 24 hours.

You should wait until the placeholder data has been accepted before submitting your full 999 address information.

To confirm that the record has been accepted, issue the following command:

```
INFO <number> 999 STATUS
```

A successful adoption will return:

```
0 Accepted
```

Please do not issue a `STATUS` request more than once per day for any given number.

As a general rule, allow 24 hours after port completion before checking the status of the record adoption. If the placeholder data has not yet been accepted, wait until acceptance is confirmed before submitting your full 999 address information.

Submitting your full address information too early risks our placeholder data being processed later and overwriting your full address record.

An Example 999 NTSAPI session

Below is an example of a session to create a record, submit the data and validate the record ready for submission to the EHA.

```
INFO 01183210321 999 CREATE
0 Record created
INFO 01183210321 999 PREMISES Albany House, 14
0 Information updated
INFO 01183210321 999 THOROUGHFARE Shute End
0 Information updated
INFO 01183210321 999 LOCALITY Wokingham
0 Information updated
INFO 01183210321 999 POSTCODE RG40 1BJ
0 Information updated
INFO 01183210321 999 NAME Magrathea Telecom
0 Information updated
INFO 01183210321 999 BUSSUFFIX Ltd
0 Information updated
INFO 01183210321 999 VALIDATE
0 Information valid
```

BUSINESS DESCRIPTIONS, SUFFIXES & PROFESSIONS

Any of the abbreviations included in the tables below are MANDATORY. If they are not used in any input record, that record will be rejected by the EHA system!

If a Business Description or Business Suffix abbreviation is not shown in the table below (for example – the abbreviation for Gun-Slinger is not shown) then the system will accept the text used in the relevant field, whether in full, or abbreviated.

For plurals add ‘s’ to abbreviation.

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Academy	Acad	Anaesthetist	Anaesthst
Accessories	Acces	Analytical	Analyt
Accommodation	Accom	And	&
Account	Acct	Animal	Anml
Accountancy	Acctcy	Antiques	Antiq
Accountant	Acctnt	Apartments	Apts
Accumulators	Accumlrs	Apparatus	Appar
Actuary	Acty	Appliances	Appl
Acupuncture	Acupunc	Appointments	Appts
Adding	Addg	Architect	Archt
Addressing	Addsg	Architectural	Archtl
Adjutant	Ajd	Artificial	Artif
Administration	Admin	Artist	Art
Advertisement	Advt	Asbestos	Asb
Advertising	Advtg	Asphalt	Asph
Advocate	Advc	Assessor	Assr
Aeronautical	Aero	Assistant	Asst
Agency	Agcy	Associated	Assoc
Agents	Agt	Association	Assn
Agricultural	Agric	Assurance	Assnce
Agriculture	Agric	Auction	Auct
Aircraft	Aircft	Auctioneer	Auctnr
Alderman	Ald	Automatic	Autmtc
Aluminium	Almnm	Automobile	Auto
Amusements	Amsnts		

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Baker	Bkr	Book	Bk
Bakery	Bkry	Booking	Bkg
Bank	Bnk	Bookmaker	Bkmkr
Banker	Bnkr	Bottler	Botlr
Banking	Bnkg	Branch	Bch

Barber	Barb	Brass	Brss
Barracks	Brks	Breakdown	Brkdn
Barrel	Brl	Breaker	Break
Barrister-at-Law	Barrstr	Breeder(s)	Brdr(s)
Basket	Bskt	Brewer	Brew
Bearings	Brngs	Broker	Brok
Beater	Beatr	Bronze	Brnz
Billposter	Bilpstr	Builder	Bldr
Binder	Bndr	Building	Bldg
Blacksmith	Blksmth	Bureau	Bur
Blockmaker	Blckmkr	Business	Bsns
Board	Bd	Butcher	Btchr
Boarding	Bdg	Butter	Bttr
Boatbuilder	Btbldr	Button	Bttn
Boiler	Blr		

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Cabinet	Cabt	Clothier	Clothr
Cafeteria	Cfteria	Clothing	Clothg
Calculating	Calc	Coach	Cch
Canteen	Cantn	Collector	Collr
Caravan	Crvn	College	Coll
Cardboard	Cdbrd	Commercial	Comml
Carpenter	Cpntr	Commission	Commn
Carpet	Crpt	Commissioned	CD
Carriage	Carrge	Commissioner	Commr
Carrier	Carr	Company	Co
Cartage	Ctge	Component	Compnt
Carter	Cartr	Computer	Cmptr
Cartwright	Crtwrt	Conditioning	Cond
Caterer	Caterer	Confectioner	Confec
Catering	Catrng	Conference	Conf
Certified	Cert	Constructional	Constr
Chandler	Chdlr	Constructor	Constr
Chartered	Chrtd	Consultant	Conslt
Chartered Accountant	Chrtd Acctnt	Consulting	Consltg
Chemical	Chem	Continental Foods	Contl Fds
Chemist	Chemst	Contractor	Contr
Chief	Chf	Controller	Contrlr
Children's	Chldns	Convalescent	Convalct
Chimney Sweep	Chim Swp	Convent	Cnvt
Chiropodist	Chrpdst	Co-operative	Co-op
Chiropodist (State Registered)	Chrpdst (SR)	Copper	Cop
Chiropractor	Chiroprctr	Corporation	Corpn
Chocolate	Choc	Cosmetic	Cosm
Church	Ch	Costumier	Costum
Cigarette	Ciggte	Cotton	Cottn
Cinematograph	Cinemat	Council	Ccl

Civil	Civ	County	Co
Classified	Classfd	Court	Ct
Cleaners	Clnrs	Cycle	Cyc
Cleaning	Clng		

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Dairyman	Dairymn	Dispensory	Dispnsy
Dancing	Dncg	Distiller	Dstlr
Dealer	Dlr	Distillery	Dstly
Decorator	Dectr	Distribution	Distrib
Delivery	Dlvry	Distributor	Distrib
Demolition	Demol	District	Dist
Dental	Dent	Division	Div
Dentist	Dent	Doctor	Dr
Department	Dept	Do-it-yourself	D-I-Y
Deputy	Dep	Domestic	Dom
Designer	Desnr	Draper	Drpr
Detective	Detec	Draughtsman	Drghtsmn
Development	Dvlpmt	Dresser	Drsr
Diamond	Diamd	Dressmaker	Drsmkr
Director	Dir	Driving	Drvg
Discount	Dscnt	Drysalter	Drysltr
Dispensing	Dispng	Duplicating	Dup

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Economical	Econ	Enquiry	Enq
Electric	Elec	Entertainments	Entrtnmts
Electrical	Elec	Equipment	Eqpt
Electrician	Elecn	Establishment	Estab
Electronic	Elecn	Estate	Est
Embroider	Embrdr	Examination	Exam
Employers	Emplyrs	Excavation	Excv
Employment	Emplymt	Export	Exp
Enamellers	Enamlrs	Exporter	Exptr
Engineer	Eng	Exporters	Exptrs
Engineering	Engng	Extension	Extn
Engraver	Engrvr		

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Fabricator	Fabctr	Footwear	Footwr
Factor	Fctr	Foreign	Fgn
Factory	Fcty	Forwarding	Fwrdg
Farmer	Frmr	Founder	Fndr
Fashion(s)	Fash(s)	Foundry	Fndy
Federation	Fed	Freezer	Frzr
Financier	Financr	Freight	Frght
Finisher	Fnshr	Frozen Food	Frzn Fd
Firewood	Firewd	Fruit	Frt
Fishmonger	Fishmgr	Fruiterer	Frtr
Fitter	Ftr	Funeral Director	Funrl Dir

Fittings	Ftngs	Furnished Rooms	Furn Rms
Flesher	Flshr	Furnisher	Furn
Flight	Flt	Furnishings	Furn
Floor Coverings	Flr Cvrngs	Furniture	Furn
Florist	Flor	Furrier	Furr

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Gallery	Gall	Goods	Gds
Garage	Gar	Govenor	Gov
Garden	Gdn	Government	Govt
Gardener	Gdnr	Greengrocer	Grngrcr
General	Gen	Grocer	Grcr
Gentlemen's	Gents	Group	Gp
Girls	Grls	Grower	Grwr
Glass	Glss	Gynaelcologist	Gynaecol
Glazier	Glaz		

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Haberdasher	Hbdshr	Horticultural	Hortl
Hairdresser	Hrdrsr	Hosier	Hosr
Hairdressing	Hrdsg	Hosiery	Hosry
Hardware	Hdwre	Hospital	Hosp
Haulage	Hlge	Hostel	Hstl
Hauliers	Hlrs	Hotel	Htl
Head	Hd	House	Ho
Headquarters	Hdqrs	Household	Hsehld
Heating	Htg	Housing	Hsng
Hire Purchase	H.P	Hydraulic	Hydr
		Hypermarket	Hypmkt

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Ice Cream	Ice Cr	Installation	Instl
Implements	Implmts	Institute	Inst
Import	Impt	Institution	Instn
Importer	Imptr	Instructor	Instr
Importing	Imptg	Instrument	Instmt
Incorporated	Inc	Insurance	Ins
Industrial	Indust	Interior	Int
Infants	Inf	International	Internat
Infirmary	Infmy	Investment	Invest
Inspector	Insp	Iron	Irn

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Jeweller	Jwlr	Journalist	Journ
Jewellery	Jwly	Junior	Jun
Joiner	Joinr	Justice of the Peace	J.P

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION

Kitchen	Kitch	Knitwear	Knitwr
Knitting	Kntg		

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Laboratory	Lab	Lighter	Lightr
Launderer	Laund	Lighterage	Lightge
Laundrette	Laund	Lighting	Ltg
Laundry	Laund	Limited	Ltd
Lawyer	Lwyr	Linoleum	Lino
Leader	Ldr	Lithographer	Lthgphr
Leather	Lthr	Lithographic	Lthgphc
Library	Lib	Lithography	Lthgphy
Licensed	Licsd	Locomotive	Loco

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Machine	Mach	Mercantile	Merc
Machinery	Mach	Merchandise	Merch
Mail Order	Mail Ord	Merchant	Mrcnt
Maintenance	Maintce	Metal	Mtl
Maker	Mkr	Metallurgist	Metallgst
Making	Mkg	Midwife	Midwfe
Management	Mngmt	Miller	Milr
Manager	Mgr	Milliner	Milnr
Mantles	Mntls	Millinery	Milny
Manufacturer	Mfr	Mineral	Min
Manufacturing	Mfg	Mixed	Mxd
Margarine	Margn	Modern	Mod
Market	Mkt	Monger	Mgr
Marketing	Mktg	Monumentall	Monmt
Mason	Masn	Mortgage	Mortg
Materials	Matls	Motor	Mtr
Mechanic	Mech	Municipal	Mun
Medical	Med	Museum	Musm
Medicine	Med	Music	Mus
Members	Mbrs	Musician	Musn
Menswear	Menswr	Mutual	Mutl

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
National	Nat	Novelties	Novlts
Neckwear	Nckwr	Nurse	Nrse
Needlework	Ndlwk	Nurseries	Nrsries
News	Nws	Nursery	Nrsry
Newsagent	Nwsagt	Nursing	Nrsg
Newspaper	Nwsppr		

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Obstetrician	Obstet	Operator	Opr
Occupational	Occpnl	Opthalmic	Ophthal
Off Licence	Off Lic	Optical	Optcl

Office	Off	Optician	Optcn
Officer	Offr	Ornamental	Ornmtl
Offices	Offs	Orthopaedic	Orthpdc
Operatic	Oprtc	Osteopath	Osteo
Operating	Optg	Outfitter	Outftr
Operation	Oprtn	Overseas	O/Seas

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Packer	Pckr	Pottery	Pottry
Painter	Pntr	Poulterer	Poultr
Painting	Pntg	Poultry	Poultr
Paper	Ppr	Practitioner	Pract
Parlour	Plr	Preparation	Prep
Parsonage	Prsnge	Presbytery	Prsbyty
Passenger	Pass	President	Pres
Patent	Pat	Primary	Primy
Pathology	Pathlgy	Printer	Prntr
Patternmaker	Ptrnmkr	Printing	Prntg
Pawnbroker	Pwnbrkr	Private	Prvt
Perfumer	Pfumr	Product	Prod
Permanent	Perm	Products	Prod
Pharmaceutical	Pharm	Professional	Profssnl
Photocopying	Photocpyg	Professor	Prof
Photographer	Photog	Property	Prpty
Photographic	Photog	Proprietor	Prop
Physician	Physn	Provision	Provn
Physiotherapist	Physthpst	Psychiatrist	Psychtr
Pianist	Pnst	Psychoanalyst	Psychan
Pianoforte	Piano	Psychologist	Psychol
Pilot	Plt	Public	Pblc
Plasterer	Plstr	Public Limited Company	Plc (always lower case)
Plastering	Plstr	Publication	Pubn
Plastic	Plstc	Publicity	Pubcty
Plater	Platr	Publisher	Pubr
Plumber	Plmbr	Publishing	Pubg
Plumbing	Plmbg	Purchasing	Purch
Polisher	Polshr	Purveyor	Purvr

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Quantity	Qty	Quarters	Qrs

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Radiation	Radtn	Removing	Remov
Radiator	Radtr	Repairers	Rprs
Railway	Rly	Repairs	Rprs
Reception	Recptn	Repository	Repos
Reconditioned	Recond	Representatives	Reps
Recruitment	Recrutmt	Requisites	Reqs

Refiners	Refin	Research	Resch
Refreshments	Refresh	Residence	Res
Refrigeration	Refrig	Residents	Resdts
Regimental	Regtl	Restaurant	Rstnt
Regional	Regnl	Retail	Ret
Registered	Regd	Retailer	Retlr
Registrar	Regr	Roofing	Rfg
Registration	Regstrn	Rooms	Rms
Registry	Regy	Rubber	Rubr
Removals	Remov		

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Salesman	Slsmn	Specialist	Spclst
Sa-lo(o)n	Sal	Spinners	Spinrs
Sanitary	San	Spirits	Spir
Sawmill	Swmil	Sports	Spts
Scaffolding	Scffdg	Sprayers	Spray
Scenery	Sceny	Squadron	Sqn
School	Sch	Stables	Stabs
Scientific	Sci	Stamp	Stp
Sculptor	Sclptr	State Registered Nurse	S.R.N
Second Hand	Sec Hd	Station	Stn
Secondary	Sec	Stationer	Stnr
Secretary	Secy	Stationery	Stny
Sellers	Sellrs	Statistician	Statsn
Senior	Sen	Statistics	Stats
Service	Serv	Stevedores	Stevdrs
Sheet	Sht	Stock	Stk
Shipping	Shpg	Stockholder	Stkhldr
Shopfitter	Shopftr	Stockist	Stkst
Shorthand	Shthd	Storage	Strge
Showroom	Shwrm	Structural	Structl
Sign	Sgn	Sundries	Sunds
Silver	Silv	Superintendent	Supt
Silversmith	Silvsmth	Supermarket	Supmkt
Slater	Slatr	Supervisor	Supvr
Slaughterer	Slgtr	Supplies	Supps
Smallholder	Smlher	Surgeon	Surg
Society	Soc	Surgical	Surg
Solicitor	Solr	Surveyor	Survyr
Spares	Sprs	Sweets	Swts
Special	Spl		

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Tailor	Tlr	Ticket	Tkt
Tailoring	Tlrg	Timber	Timb
Teacher	Tchr	Tinplate	Tinpl
Technical	Tech	Tobacconist	Tbcnst
Technician	Tech	Tourist	Tour

Telecommunications	Telecom	Trading	Trdg
Telegraph	Teleg	Translator	Transl
Telephone	Tele	Transport	Transp
Television	TV	Travel	Trvl
Textile	Txtl	Typewriter	Typw
Theatre	Theat	Typewriting	Typwrg
Theatrical	Theat	Typsetters	Typstrs
Thermometer	Thermtr		

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Undertaker	Undtkr	Unfurnished	Unfurn
Underwriter	Undwtr	Upholsterer	Uphol

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Valuer	Val	Veterinary Surgeon	Vet Surg
Vegetable	Veg	Violinist	Vlnst
Vehicle	Vhcle	Visitor	Vstr
Vendor	Vdr	Vocalist	Voclst
Ventilating	Ventlg	Voluntary	Vol

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Wallpaper	Wlppr	Wholesale	Whsle
Ware	Wre	Wholesaler	Whslr
Warehouse	Wreho	Window	Wndw
Watch	Wtch	Women's	Wmns
Watchmakers	Wtchmkrs	Woodworkers	Wdwkrs
Weaver	Weav	Workers	Wkrs
Welder	Wldr	Works	Wks
Welding	Wldg	Workshops	Wkshps
Wharf	Whf	Worsted	Wrstd
Wharfingers	Whfgrs	Wrecker	Wrckr
Wheelwright	Whlwrt	Writer	Wtr

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Yard	Yd		

DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION
Zinc	Zn		