

Specified fibre areas shape file metadata – December 2019

We have made the geographic information systems (GIS) shape file for specified fibre areas (SFAs) available for interested parties to use the SFA map information with their own GIS software.

This document contains the metadata for the shape file `sfa_20191219.shp`.

Background to SFAs

SFAs are locations where Chorus will eventually be able to stop providing copper-based landlines and ADSL and VDSL broadband services, because fibre is available. This map is based on information provided from regulated fibre providers in November 2019. The Commission is required to assess SFAs at least annually.

While this shape file shows where fibre is available, some consumers may not be able to have fibre installed, for instance if they rent and require their landlord's permissions or they are on a shared driveway requiring their neighbour's consent.

To find out if you can get fibre installed, please talk to your telecommunications provider. If you are unable to resolve an issue with your provider, a dispute resolution service may be able to help. The [Telecommunications Dispute Resolution \(TDR\)](#) service can help with most telecommunications disputes, including broadband and billing issues. [Utilities Disputes](#) may be able to help you with fibre shared property access disputes.

More information about how we assess SFAs can be found on our [website](#).

Metadata

The shape file is provide to allow interested parties to use the SFA information with their own GIS software and is based on the Land Information New Zealand's (LINZ) NZ Primary Parcels <https://data.linz.govt.nz/layer/50772-nz-primary-parcels/> as at 9 November 2019.

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The shape file is in NZTM (EPSG:2193) projection. The following table describes the column names contained within the shapefile. All the data is from original LINZ primary parcel with the exception of the `sfa_name`, `provider`, `date_assessment`, and `date_effective` columns which have been added by the Commission.

Table 1 – Shape file description

Original Column Name	Shape file column name	Type	Description
id	id	integer	The unique identifier for the parcel (Primary Key).
appellation	appellatio	text	Appellations are the textual descriptions that describe a parcel. Every parcel must have at least one appellation. Where there are both Survey and Title appellations, only the Survey one listed first.
affected_surveys	affected_s	text	A comma separated list of surveys plans that affect this parcel.
parcel_intent	parcel_int	text	A description of a right of interest intended to be assigned to a parcel. e.g. Fee Simple Title, Road, Hydro, Maori land, Railway.
topology_type	topology_t	text	Topology class of the parcel.
status	status	text	The status of the parcel. A parcel can have a status of: Approved, Current, Historic, Survey Historic
statutory_actions	statutory_	text	A windows newline separated list of statutory actions associated to the parcel.
land_district	land_distr	text	The name of the land district the title is in. e.g. "North Auckland", "Southland" See http://data.linz.govt.nz/layer/50785-nz-landdistricts/ for more details. A Land District is an administrative area that all titles and surveys were registered against prior to Landonline.
titles	titles	text	A comma separated list of Titles numbers associated to the parcel. This is provided for convenience. If more detailed Titles data is required reference to the NZ Property Titles, NZ Property Title Estates and NZ Title Owners tables.
survey_area	survey_are	Real	The total area of combined sub parcels if recorded, otherwise the area provided by a surveyor on a new survey lodged to support a title or amend a title.

Original Column Name	Shape file column name	Type	Description
calc_area	calc_area	Real	An area calculated on a Transverse Mercator projection of the parcel geometric object. For parcels on the NZ mainland, the NZTM projection is used, for parcels on the Chatham Islands the CITM2000 projection is used. It is not an official area and has been produced for the convenience of users.
sfa_name	sfa_name	text	The name of the SFA that contains this survey parcel. Based on NZ Fire Service locality names
provider	provider	text	A comma separated list of providers that can provide specified fibre services to this parcel.
date_assessment	date_asses	integer	The date that this survey parcel was assessed as being part of an SFA. Date format is YYYYMMDD
date_effective	date_effec	integer	The date that this survey parcel's SFA status becomes effective. Date format is YYYYMMDD