

Land property, land parcels

Draft

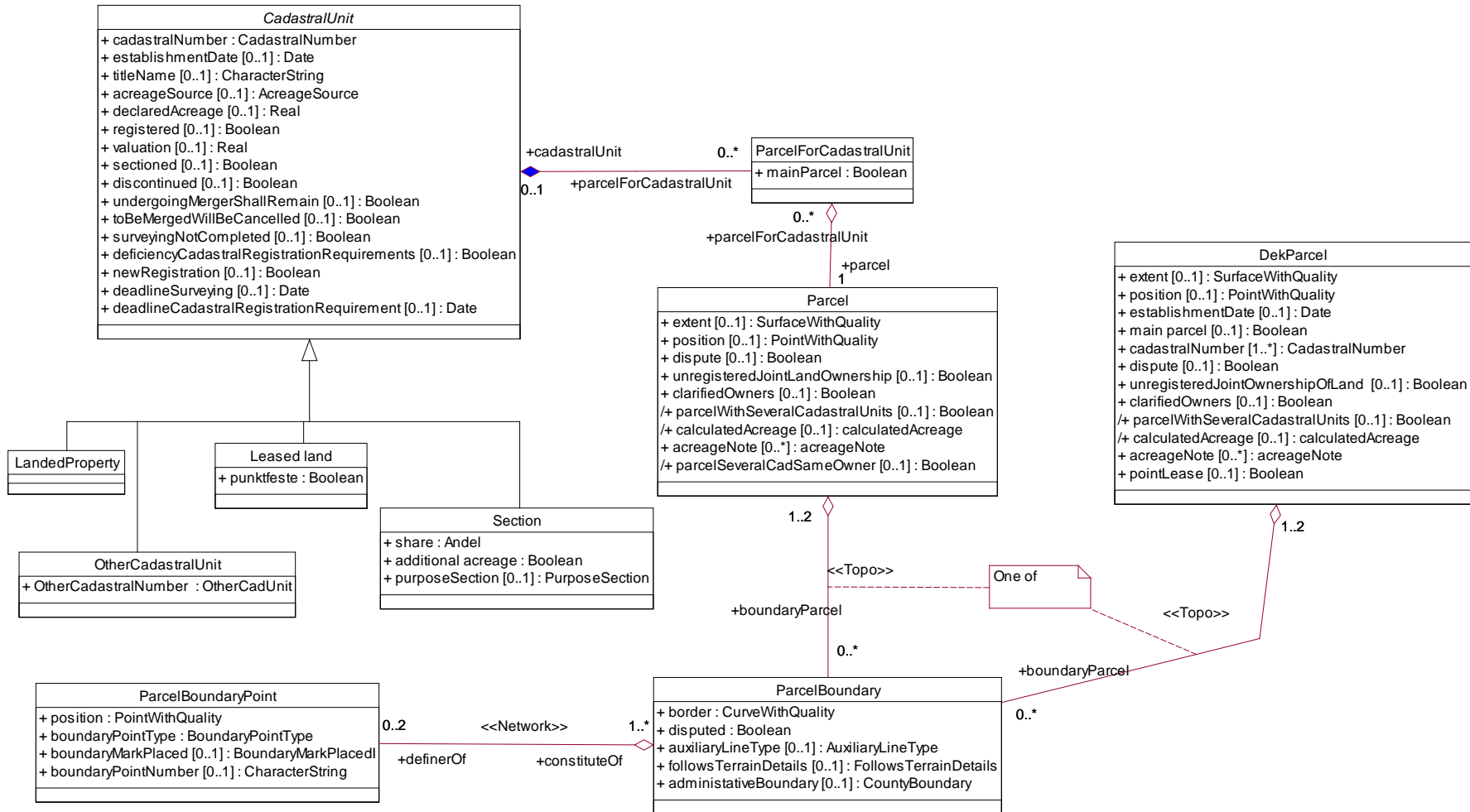


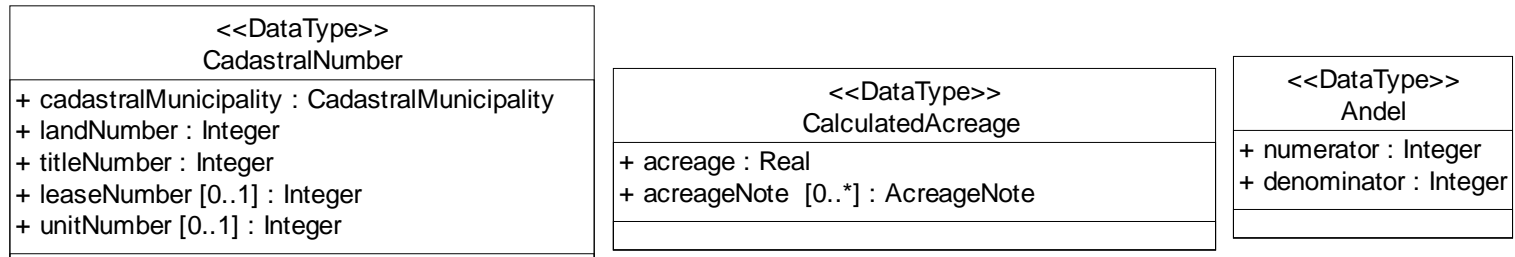
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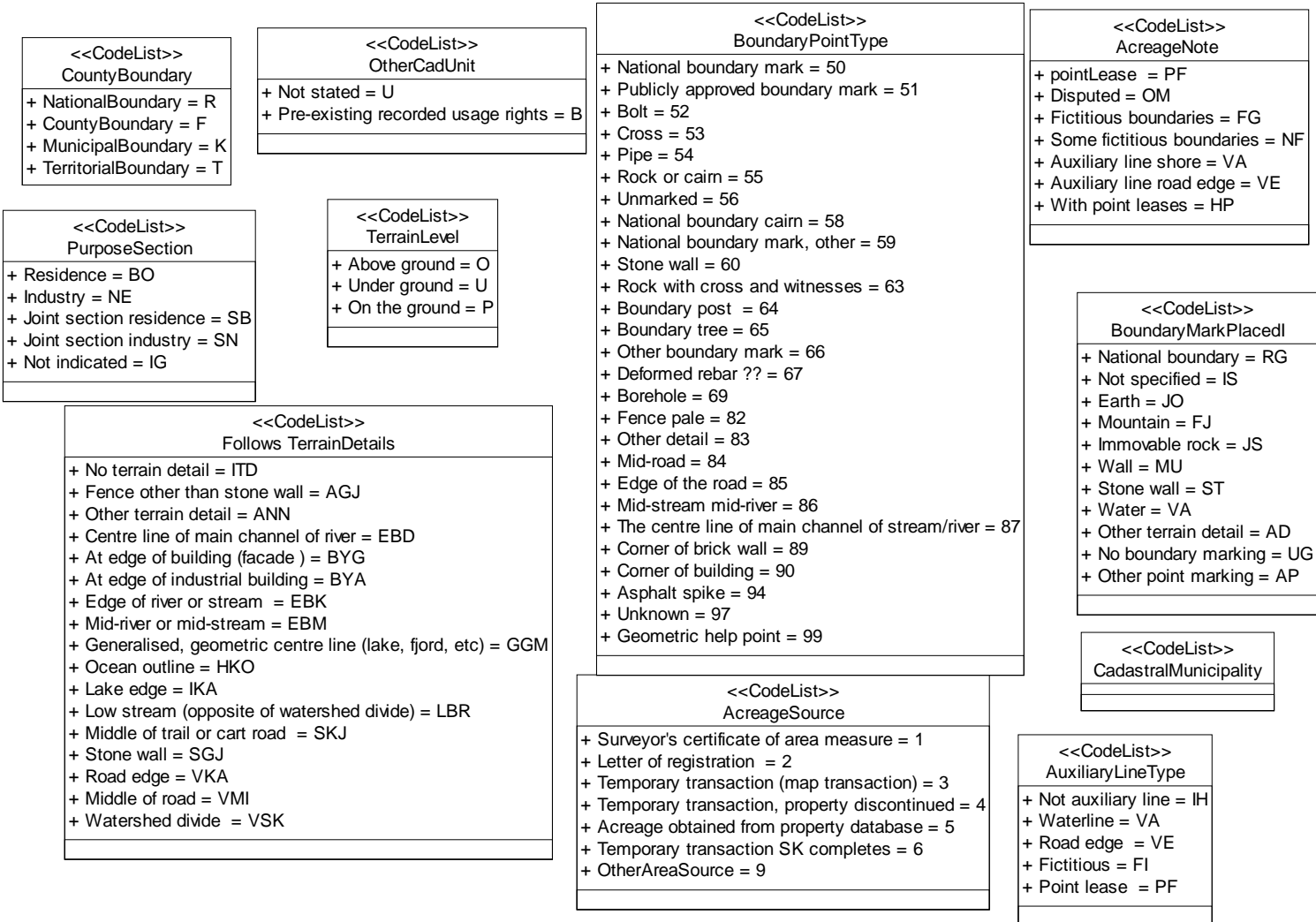
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1.1 Application schema







1.2 Description

1.2.1 <<DataType>> CadastralNumber

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
1	Datatype CadastralNumber	the official term for each individual cadastral unit				
1.1	cadastralMunicipality	indication of the municipality which the object has been or is registered in Note: Includes both existing and obsolete municipalities	1	1	CadastralMunicipality	
1.2	landNumber	land number	1	1	Integer	
1.3	titleNumber	title number	1	1	Integer	
1.4	leaseNumber	lease number	0	1	Integer	
1.5	unitNumber	unit number	0	1	Integer	

1.2.2 ParcelBoundaryPoint

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
2	Class ParcelBoundaryPoint	point established by coordinates, which is proven, described and/or marked specifically in the geographical demarcation of the parcel Note: Can also be an auxiliary point for technical registration purposes Note: A boundary point is placed either at the beginning or end of a parcel boundary.				
2.1	position	location where the object exists	1	1	PointWithQuality	
2.2	boundaryPointType	statement of what kind of grensemerke which is used in the terrain. Indicates also whether the boundary point is marked in the terrain, or whether it is merely a point for technical registration purposes	1	1	BoundaryPointType	
2.3	boundaryMarkPlaced		0	1	BoundaryMarkPlacedI	
2.4	boundaryPointNumber		0	1	CharacterString	
2.5	Role (unnamed)		0	N	NatureConservationBoundary	

	NatureConservationBoundary					
2.6	Role constituteOf		1	N	ParcelBoundary	

1.2.3 CadastralUnit

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
3	Class CadastralUnit	form for data concerning cadastral units in the land register/cadaster?? Contains cadastral unit and other related classes DESCRIPTION Section 5 of the Act relating to Land Registers states that ... The cadaster must contain information regarding the individual cadaster unit ... MISCELLANEOUS There are also data concerning cadastral units in the municipal supplementary data				Abstract
3.1	cadastralNumber	unique identification of cadastral unit within municipality Note: Consists of municipality no., land no., title no, lease no. and section no.	1	1	CadastralNumber	
3.2	establishmentDate	date when the cadastral unit was established, i.e. date of cadastral registration	0	1	Date	
3.3	titleName	title name of the cadastral unit Note: Is also in SSR.Is also in SSR	0	1	CharacterString	
3.4	acreageSource	the acreage source type that best describes the claimed acreage Note This will be a subjective assessment on the part of the cadastral registrar	0	1	AcreageSource	
3.5	declaredAcreage	acreage as transpires from the official documents Note: In new transactions, the declared acreage is calculated from the	0	1	Real	

		registered coordinates and lines in the cadastral system. Declared acreage is updated through Acreage in transaction (\pm -acreage).				
3.6	registered	whether the cadastral unit has been entered into the land register or not Note: Information on registration comes from the Registration authorities	0	1	Boolean	
3.7	valuation	valuation (historical) is the taxability of a property (earning capacity) and tells something about the size of the property	0	1	Real	
3.8	sectioned	indicates whether the cadastral unit has been sectioned	0	1	Boolean	
3.9	discontinued	indicates whether cadastral unit has been discontinued, e.g. upon merging Note. The reason why the cadastral unit has been discontinued may be found in the transaction	0	1	Boolean	
3.1 0	undergoingMerger erShallRemain	indicates whether the cadastral unit is being merged and will continue to exist Note: The municipality has registered the cadastral units to be merged, and awaits the transaction from the registry office conducting the merger.	0	1	Boolean	
3.1 1	toBeMergedWillBe Cancelled	indicates whether the cadastral unit is being merged and will be cancelled Note: The municipality has registered the cadastral units to be merged, and awaits the transaction from the registry office conducting the merger.	0	1	Boolean	
3.1 2	surveyingNotCompleted	indicates that surveying is not completed for this cadastral unit	0	1	Boolean	

3.1 3	deficiencyCadastralRegistrationRequirements	indicates whether this cadastral unit has deficiencies at the time of registration	0	1	Boolean	
3.1 4	newRegistration	indicates whether the cadastral unit is a new registration, i.e. it does not originate in another cadastral unit	0	1	Boolean	
3.1 5	deadlineSurveying	deadline for completion of the surveying of the cadastral unit	0	1	Date	
3.1 6	deadlineCadastralRegistrationRequirement	deadline for correcting the deficiencies in relation to the cadastral registration requirement	0	1	Date	
3.1 7	Role parcelForCadastralUnit		0	N	ParcelForCadastralUnit	Aggregation

1.2.4 LandedProperty

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
4	Class LandedProperty	property which is defined by property boundaries on the surface of the earth and which extend vertically down into the ground and up into the air according to the general rules of private property. Landed property is the most common type of cadastral unit				Subtype of CadastralUnit

1.2.5 ParcelForCadastralUnit

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
5	Class ParcelForCadastralUnit	contains information concerning the relation between cadastral unit and parcel. the representation point is fetched from main parcel and in viewings.				
5.1	mainParcel	indicates whether or not the parcel is the main parcel for the relevant cadastral unit	1	1	Boolean	
5.2	Role cadastralUnit		0	1	CadastralUnit	
5.3	Role parcel		1	1	Parcel	Aggregation

1.2.6 OtherCadastralUnit

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
6	Class OtherCadastralUnit	other types of cadastral units than landed property, leased property, condominium units, investment property and joint ownership of land Note: This is a misc. item from GAB.				Subtype of CadastralUnit
6.1	OtherCadastralNumber	other type of cadastral units than those that are specifically mentioned. Is one of the given, valid types.	1	1	OtherCadUnit	

1.2.7 Leased land

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
7	Class Leased land	part of landed property to which somebody has leasing rights, or which may be leased out, or to which somebody has corresponding exclusive, or long-term rights of use. Includes also point lease. Note: Cadastral number must include a lease number. Normal				Subtype of CadastralUnit
7.1	punktfeste	er feste der det i festeavtalen ikke er sagt noe om størrelsen på tomta Merknad: (lov om tomtefeste §16, første ledd, tredje punktum). Hensikten med arealet som avgrensingen danner er ikke å angi eksakt areal som punktfestet disponerer,	1	1	Boolean	

1.2.8 Section

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
8	Class Section	a part of sectioned land. Cadastral no. must comprise section no., and				Subtype of CadastralUnit

		may have a lease no				
8.1	share	eierseksjonens andel av grunn på den matrikkelenheten den er seksjonert fra	1	1	Andel	
8.2	additionalacreage		1	1	Boolean	
8.3	purposeSection	legal codes for the purpose of section. Regulated by the law relating to condominium units	0	1	PurposeSection	

1.2.9 Parcel

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
9	Class Parcel	continuous area defined by parcel boundary Note: Parcels must not overlap. Neighbouring parcels must have shared geometry Note: Cadastral units which consist of several areas joined in just one point are divided into parcels according to this definition.				
9.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
9.2	position		0	1	PointWithQuality	
9.3	dispute	indicates whether there is a dispute	0	1	Boolean	
9.4	unregisteredJointLandOwnership	indicates whether the parcel is part of a title co-ownership between cadastral units, where the joint ownership does not have a separate cadastral number. (i.e. not a cadastral unit of the type	0	1	Boolean	
9.5	clarifiedOwners	indicates that it has been clarified which cadastral units are part of the joint property. The shares have not been registered for title co-ownership (neither are the shares registered in today's DEK or GAB)	0	1	Boolean	
9.6	parcelWithSever alCadastralUnits	derived from the relationship between parcel and Cadastral unit via parcelForCadastralUnit	0	1	Boolean	

9.7	calculatedAcreage	filed to be used in connection with reports. Calculated and stored again in connection with all changes of geometry. ??Server calculates the acreage	0	1	calculatedAcreage	
9.8	acreageNote		0	N	acreageNote	
9.9	parcelSeveralCadastralSameOwner	states whether the cadastral units which own the parcel have the same title holders Note: Applies only to parcels which are part of an unregistered joint land ownership or parcels with several cadastral units Note: Can be used for acreage subsidies in agriculture	0	1	Boolean	
9.10	Role parcelForCadastralUnit		0	N	ParcelForCadastralUnit	
9.11	Role (unnamed) ParcelBoundary		0	N	ParcelBoundary	Aggregation

1.2.10 ParcelBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
10	Class ParcelBoundary	geometric connection between two boundary points, or the geometric description of the parcel where there is no boundary point (e.g. an island which is described without boundary points) Note: The same parcel boundary must only be stated once in the cadaster.				
10.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
10.2	disputed	indicates whether a parcel boundary is disputed	1	1	Boolean	
10.3	auxiliaryLineType	indicates whether the parcel boundaries are undefined, generated or fictitious	0	1	AuxiliaryLineType	
10.	followsTerrainDet	information about natural	0	1	FollowsTerrain	

4	ails	dividing lines that the parcel boundary follows in the terrain Note: used as attribute of the object types: PropertyBoundary and PropertyBoundaryDisputed when these are described as following terrain details			Details	
10.5	administrativeBoundary	indicates any administrative boundary with which the parcel boundary coincides	0	1	CountyBoundary	
10.6	Role (unnamed) SubArea		1	2	SubArea	
10.7	Role definerOf		0	2	ParcelBoundaryPoint	Aggregation
10.8	Role boundaryParcel		1	2	Parcel	
10.9	Role (unnamed) DekParcel		1	2	DekParcel	

1.2.11 <<DataType>> Andel

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
11	Datatype Andel					
11.1	numerator		1	1	Integer	
11.2	denominator		1	1	Integer	

1.2.12 <<DataType>> CalculatedAcreage

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
12	Datatype CalculatedAcreage	Information about a parcel's calculated acreage, and an indication of uncertainty related to the calculation				
12.1	acreage	calculated acreage for the area given in square metres	1	1	Real	
12.2	acreageNote	indication of uncertainty related to the acreage calculation	0	N	AcreageNote	

1.2.13 DekParcel

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
13	Class DekParcel	an area or parcel of landed properties and leased properties and outdoor areas belonging to a condominium unit Used to simplify the presentation of the cadastral map				
13.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
13.2	position		0	1	PointWithQuality	
13.3	establishmentDate		0	1	Date	
13.4	mainparcel		0	1	Boolean	
13.5	cadastralNumber	compound attribute containing municipality number and land_number, may also contain title number, lease number, and section number	1	N	CadastralNumber	
13.6	dispute	indicates whether there is a dispute	0	1	Boolean	
13.7	unregisteredJointOwnershipOfLand	indicates whether the parcel is part of a title co-ownership between cadastral units, where the joint ownership does not have a separate cadastral number. (i.e. not a cadastral unit of the type	0	1	Boolean	
13.8	clarifiedOwners	indicates that it has been clarified which cadastral units are part of the joint property. The shares have not been registered for title co-ownership (neither are the shares registered in today's DEK or GAB)	0	1	Boolean	
13.9	parcelWithSeveralCadastralUnits	derived from the association between Parcel and Cadastral unit via parcelForCadastralUnit	0	1	Boolean	
13.10	calculatedAcreage	filed to be used in connection with reports. Calculated and stored again in connection with all changes of geometry. ??Server calculates the acreage?? [original	0	1	calculatedAcreage	

		unclear]				
13.11	acreageNote		0	N	acreageNote	
13.12	pointLease	lease agreement in which nothing is indicated concerning the size of the plot (Section 16, first subsection, third item of the Act relating to land lease)	0	1	Boolean	
13.13	Role boundaryParcel		0	N	ParcelBoundary	Aggregation
13.14	Role (unnamed) Stand		1	N	Stand	

1.2.14 Association CadastralUnit -ParcelForCadastralUnit

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
14	Association CadastralUnit - ParcelForCadastralUnit					
14.1	Role parcelForCadastralUnit		0	N	ParcelForCadastralUnit	Aggregation
14.2	Role cadastralUnit		0	1	CadastralUnit	

1.2.15 Association ParcelForCadastralUnit-Parcel

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
15	Association ParcelForCadastralUnit-Parcel					
15.1	Role parcel		1	1	Parcel	Aggregation
15.2	Role parcelForCadastralUnit		0	N	ParcelForCadastralUnit	

1.2.16 Association <<Network>> ParcelBoundary-ParcelBoundaryPoint

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
16	Association ParcelBoundary-ParcelBoundaryPoint					
16.1	Role definerOf		0	2	ParcelBoundaryPoint	Aggregation
16.2	Role constituteOf		1	N	ParcelBoundary	

1.2.17 Association <<Topo>> Parcel-ParcelBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
17	Association Parcel- ParcelBoundary					
17.1	Role (unnamed) ParcelBoundary		0	N	ParcelBoundary	Aggregation
17.2	Role boundaryParcel		1	2	Parcel	

1.2.18 Association <<Topo>> DekParcel-ParcelBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
18	Association DekParcel- ParcelBoundary					
18.1	Role boundaryParcel		0	N	ParcelBoundary	Aggregation
18.2	Role (unnamed) DekParcel		1	2	DekParcel	

1.2.18.1 CodeLists

1.2.18.1.1 <<CodeList>> CountyBoundary

Nr	Code name	Definition/Description	Code
1	CodeList CountyBoundary		
1.1	NationalBoundary	FF-The border is also a national boundary (and county boundary)	R
1.2	CountyBoundary	FF-The border is also a county boundary (and municipal boundary)	F
1.3	MunicipalBoundary	FF-The border is also a municipal boundary	K
1.4	TerritorialBoundary		T

1.2.18.1.2 <<CodeList>> Follows TerrainDetails

Nr	Code name	Definition/Description	Code
2	CodeList Follows TerrainDetails	information that a boundary follows natural lines of demarcation in the terrain Note: used as characteristic of the object types: PropertyBoundary and PropertyBoundaryDisputed when these are described as following terrain detail	
2.1	No terrain detail		ITD
2.2	Fence other than stone wall	FF-Boundary line follows other fence.	AGJ
2.3	Other terrain detail	FF-Boundary line follows other terrain detail.	ANN
2.4	Centre line of main channel of river	FF-Boundary line follows the centre line of the main channel of the river or stream	EBD
2.5	At edge of building (facade)	FF-Boundary line follows the facade of the building	BYG
2.6	At edge of industrial building	FF-Boundary line follows the edge of building-related facility	BYA
2.7	Edge of river or stream	FF-Boundary line follows the edge of river or stream	EBK
2.8	Mid-river or mid-stream	FF-Boundary line follows the center line of a river or stream.	EBM
2.9	Generalised, geometric centre line (lake, fjord, etc)	FF-Boundary line follows generalised geometric centre line (lake, fjord)	GGM
2.10	Ocean outline	FF-Boundary line follows the ocean outline.	HKO
2.11	Lake edge	The boundary line follows edge of the lake.	IKA
2.12	Low stream (opposite of watershed divide)	FF-Boundary line follows low stream (opposite of watershed divide)	LBR
2.13	Middle of trail or cart road	FF-Boundary line follows trail or cart road.	SKJ
2.14	Stone wall	FF-Boundary line follows stone wall.	SGJ
2.15	Road edge	FF-Boundary line follows the edge of the road	VKA

2.16	Middle of road	FF-Boundary line follows the middle of the road.	VMI
2.17	Watershed divide	FF-Boundary line follows watershed divide.	VSK

1.2.18.1.3 <<CodeList>> BoundaryPointType

Nr	Code name	Definition/Description	Code
3	CodeList BoundaryPointType		
3.1	National boundary mark	FF-marking of type: national boundary mark	50
3.2	Publicly approved boundary mark	marking of type: publicly approved boundary mark	51
3.3	Bolt	FF-bolt marking without specification of bolt type	52
3.4	Cross	FF-marking of type: cross	53
3.5	Pipe	FF-marking of type: pipe	54
3.6	Rock or cairn	FF-marking of type: rock or cairn	55
3.7	Unmarked	FF-boundary point is not marked	56
3.8	National boundary cairn	FF-marking of type: national boundary cairn	58
3.9	National boundary mark, other	marking of type: national boundary mark	59
3.10	Stone wall	FF-marking of type: stone wall	60
3.11	Rock with cross and witnesses	FF-marking of type: rock with cross and witnesses	63
3.12	Boundary post	FF-marking of type: boundary post	64
3.13	Boundary tree	FF-marking of type: boundary tree	65
3.14	Other boundary mark	FF-marking of the boundary mark is not among the defined ones	66
3.15	Deformed rebar ??	FF-marking of type: deformed rebar	67
3.16	Borehole	FF-marking is of type: borehole	69
3.17	Fence pale	FF-marking of type: fence pole	82
3.18	Other detail	FF-the boundary mark is at another detail	83
3.19	Mid-road	FF-boundary follows the middle of the road	84
3.20	Edge of the road	FF-boundary follows edge of the road	85
3.21	Mid-stream mid-river	FF-boundary follows the middle of the river or stream	86
3.22	The centre line of main channel of stream/river	FF-the boundary follows the centre line of the main channel of stream/river	87
3.23	Corner of brick wall	FF-the boundary point is indicated by the corner of a brick wall	89
3.24	Corner of building	FF-boundary point lies at the corner of a building	90
3.25	Asphalt spike	FF-marking of type: asphalt spike	94
3.26	Unknown	FF-the boundary point is unknown or not registered	97
3.27	Geometric help point		99

1.2.18.1.4 <<CodeList>> BoundaryMarkPlacedI

Nr	Code name	Definition/Description	Code
4	CodeList BoundaryMarkPlacedI		
4.1	National boundary		RG
4.2	Not specified		IS
4.3	Earth		JO
4.4	Mountain		FJ
4.5	Immovable rock		JS
4.6	Wall		MU
4.7	Stone wall		ST
4.8	Water		VA
4.9	Other terrain detail		AD
4.10	No boundary marking		UG
4.11	Other point marking		AP

1.2.18.1.5 <<CodeList>> TerrainLevel

Nr	Code name	Definition/Description	Code
5	CodeList TerrainLevel	which are above/below terrain level (part of the description for industrial property) Note: Parcel boundaries above/under terrain level is not to be included in the line network which forms surfaces at terrain level.	
5.1	Above ground		O
5.2	Under ground		U
5.3	On the ground		P

1.2.18.1.6 <<CodeList>> AuxiliaryLineType

Nr	Code name	Definition/Description	Code
6	CodeList AuxiliaryLineType		
6.1	Not auxiliary line		IH
6.2	Waterline		VA
6.3	Road edge		VE
6.4	Fictitious		FI
6.5	Point lease		PF

1.2.18.1.7 <<CodeList>> OtherCadUnit

Nr	Code name	Definition/Description	Code
7	CodeList OtherCadUnit		
7.1	Not stated		U
7.2	Pre-existing recorded usage rights		B

1.2.18.1.8 <<CodeList>> PurposeSection

Nr	Code name	Definition/Description	Code
8	CodeList PurposeSection	legal codes for the purpose of section. Regulated by the law relating to condominium units.	
8.1	Residence		BO
8.2	Industry		NE
8.3	Joint section residence		SB
8.4	Joint section industry		SN
8.5	Not indicated	ikke gitt	IG

1.2.18.1.9 <<CodeList>> AcreageNote

Nr	Code name	Definition/Description	Code
9	CodeList AcreageNote		
9.1	pointLease		PF
9.2	Disputed		OM
9.3	Fictitious boundaries		FG
9.4	Some fictitious boundaries		NF
9.5	Auxiliary line shore		VA
9.6	Auxiliary line road edge		VE
9.7	With point leases		HP

1.2.18.1.10 <<CodeList>> AcreageSource

Nr	Code name	Definition/Description	Code
10	CodeList AcreageSource	indication of the acreage to which the AcreageSource type is related Note: Shows how the acreage is calculated.	
10.1	Surveyor's certificate of area	FF-the area is measured accurately in a map transaction	1

	measure		
10.2	Letter of registration	FF-used in certain cases where map transaction is not required	2
10.3	Temporary transaction (map transaction)	FF-the acreage has been estimated pending surveying (surveyorXzXs certificate of area measure)	3
10.4	Temporary transaction, property discontinued	FF-Acreage has been estimated, and the cadastral unit has been discontinued	4
10.5	Acreage obtained from property database	FF-acreage has been obtained from property database (DEK)	5
10.6	Temporary transaction SK completes	FF-Temporary transaction to be completed by the Norwegian Mapping Authority	6
10.7	OtherAreaSource	FF-The source is another than those mentioned specifically. May also comprise partition of land	9

1.2.18.1.11 <<CodeList>> CadastralMunicipality

Nr	Code name	Definition/Description	Code
11	CodeList CadastralMunicipality		
11.1	Halden		0101
11.2	Sarpsborg utgått	now 0105 Sarpsbrg	0102
11.3	Fredrikstad utgått	now 0106 Fredrikstad	0103
11.4	Moss		0104
11.5	Sarpsborg		0105
11.6	Fredrikstad		0106
11.7	Hvaler		0111
11.8	Borge utgått	now 0106 Fredrikstad	0113
11.9	Varteig utgått	now 0105 Sarpsborg	0114
11.10	Skjeberg utgått	now 0105 Sarpsborg	0115
11.11	Aremark		0118
11.12	Marker		0119
11.13	Rømskog		0121
11.14	Trøgstad		0122
11.15	Spydeberg		0123
11.16	Askim		0124
11.17	Eidsberg		0125
11.18	Skiptvet		0127
11.19	Rakkestad		0128

11.20	Tune utgått	now 0105 Sarpsborg	0130
11.21	Rolvsey utgått	now 0106 Fredrikstad	0131
11.22	Kråkerøy utgått	now 0106 Fredrikstad	0133
11.23	Onsøy utgått	now 0106 Fredrikstad	0134
11.24	Råde		0135
11.25	Rygge		0136
11.26	Våler i Østfold		0137
11.27	Hobøl		0138
11.28	Vestby		0211
11.29	Ski		0213
11.30	Ås		0214
11.31	Frogn		0215
11.32	Nesodden		0216
11.33	Oppegård		0217
11.34	Bærum		0219
11.35	Asker		0220
11.36	Aurskog-Høland		0221
11.37	Sørum		0226
11.38	Fet		0227
11.39	Rælingen		0228
11.40	Enebakk		0229
11.41	Lørenskog		0230
11.42	Skedsmo		0231
11.43	Nittedal		0233
11.44	Gjerdrum		0234
11.45	Ullensaker		0235
11.46	Nes i Akershus		0236
11.47	Eidsvoll		0237
11.48	Nannestad		0238
11.49	Hurdal		0239
11.50	Oslo		0301
11.51	Hamar utgått	now 0403 Hamar	0401
11.52	Kongsvinger		0402
11.53	Hamar		0403
11.54	Ringsaker		0412

11.55	Vang utgått	now 0403 Hamar	0414
11.56	Løten		0415
11.57	Stange		0417
11.58	Nord-Odal		0418
11.59	Sør-Odal		0419
11.60	Eidskog		0420
11.61	Grue		0423
11.62	Åsnes		0425
11.63	Våler i Hedmark		0426
11.64	Elverum		0427
11.65	Trysil		0428
11.66	Åmot		0429
11.67	Stor-Elvdal		0430
11.68	Rendalen		0432
11.69	Engerdal		0434
11.70	Tolga		0436
11.71	Tynset		0437
11.72	Alvdal		0438
11.73	Folldal		0439
11.74	Os i Hedmark		0441
11.75	Lillehammer		0501
11.76	Gjøvik		0502
11.77	Dovre		0511
11.78	Lesja		0512
11.79	Skjåk		0513
11.80	Lom		0514
11.81	Vågå		0515
11.82	Nord-Fron		0516
11.83	Sel		0517
11.84	Sør-Fron		0519
11.85	Ringebu		0520
11.86	Øyer		0521
11.87	Gausdal		0522
11.88	Østre Toten		0528
11.89	Vestre Toten		0529

11.90	Jevnaker		0532
11.91	Lunner		0533
11.92	Gran		0534
11.93	Søndre Land		0536
11.94	Nordre Land		0538
11.95	Sør-Aurdal		0540
11.96	Etnedal		0541
11.97	Nord-Aurdal		0542
11.98	Vestre Slidre		0543
11.99	Øystre Slidre		0544
11.10 0	Vang		0545
11.10 1	Drammen		0602
11.10 2	Kongsberg		0604
11.10 3	Ringerike		0605
11.10 4	Hole		0612
11.10 5	Flå		0615
11.10 6	Nes i Buskerud		0616
11.10 7	Gol		0617
11.10 8	Hemsedal		0618
11.10 9	Ål		0619
11.11 0	Hol		0620
11.11 1	Sigdal		0621
11.11 2	Krødsherad		0622

11.11 3	Modum		0623
11.11 4	Øvre Eiker		0624
11.11 5	Nedre Eiker		0625
11.11 6	Lier		0626
11.11 7	Røyken		0627
11.11 8	Hurum		0628
11.11 9	Flesberg		0631
11.12 0	Rollag		0632
11.12 1	Nore og Uvdal		0633
11.12 2	Horten		0701
11.12 3	Holmestrand		0702
11.12 4	Horten utgått	now 0701 Horten	0703
11.12 5	Tønsberg		0704
11.12 6	Tønsber utgått	now 0704 Tønsberg	0705
11.12 7	Sandefjord		0706
11.12 8	Larvik utgått	now 0709 Larvik	0707
11.12 9	Stavern utgått	now 0709 Larvik	0708
11.13 0	Larvik		0709

11.13 1	Svelvik		0711
11.13 2	Sande i Vestfold		0713
11.13 3	Hof		0714
11.13 4	Re		0716
11.13 5	Borre utgått	now 0701 Horten	0717
11.13 6	Ramnes utgått	now 0716 Re	0718
11.13 7	Andebu		0719
11.13 8	Stokke		0720
11.13 9	Sem utgått	now 0704 Tønsberg	0721
11.14 0	Nøtterøy		0722
11.14 1	Tjøme		0723
11.14 2	Tjølling utgått	now 0709 Larvik	0725
11.14 3	Brunlanes utgått	now 0709 Larvik	0726
11.14 4	Hedrum utgått	now 0709 Larvik	0727
11.14 5	Lardal		0728
11.14 6	Porsgrunn		0805
11.14 7	Skien		0806
11.14 8	Notodden		0807

11.14 9	Siljan		0811
11.15 0	Bamble		0814
11.15 1	Kragerø		0815
11.15 2	Drangedal		0817
11.15 3	Nome		0819
11.15 4	Bø i Telemark		0821
11.15 5	Sauherad		0822
11.15 6	Tinn		0826
11.15 7	Hjartdal		0827
11.15 8	Seljord		0828
11.15 9	Kviteseid		0829
11.16 0	Nissedal		0830
11.16 1	Fyresdal		0831
11.16 2	Tokke		0833
11.16 3	Vinje		0834
11.16 4	Risør		0901
11.16 5	Arendal utgått	now 0906 Arendal	0903
11.16 6	Grimstad		0904

11.16 7	Arendal		0906
11.16 8	Gjerstad		0911
11.16 9	Vegårshei		0912
11.17 0	Tvedestrand		0914
11.17 1	Moland utgått	now 0906 Arendal	0918
11.17 2	Froland		0919
11.17 3	Øyestad utgått	now 0906 Arendal	0920
11.17 4	Tromøy utgått	now 0906 Arendal	0921
11.17 5	Hisøy utgått	now 0906 Arendal	0922
11.17 6	Lillesand		0926
11.17 7	Birkenes		0928
11.17 8	Åmli		0929
11.17 9	Iveland		0935
11.18 0	Evje og Hornnes		0937
11.18 1	Bygland		0938
11.18 2	Valle		0940
11.18 3	Bykle		0941
11.18 4	Kristiansand		1001

11.18 5	Mandal		1002
11.18 6	Farsund		1003
11.18 7	Flekkefjord		1004
11.18 8	Vennesla		1014
11.18 9	Songdalen		1017
11.19 0	Søgne		1018
11.19 1	Marnardal		1021
11.19 2	Åseral		1026
11.19 3	Audnedal		1027
11.19 4	Lindesnes		1029
11.19 5	Lyngdal		1032
11.19 6	Hægebostad		1034
11.19 7	Kvinesdal		1037
11.19 8	Sirdal		1046
11.19 9	Eigersund		1101
11.20 0	Sandnes		1102
11.20 1	Stavanger		1103
11.20 2	Haugesund		1106

11.20 3	Sokndal		1111
11.20 4	Lund		1112
11.20 5	Bjerkreim		1114
11.20 6	Hå		1119
11.20 7	Klepp		1120
11.20 8	Time		1121
11.20 9	Gjesdal		1122
11.21 0	Sola		1124
11.21 1	Randaberg		1127
11.21 2	Forsand		1129
11.21 3	Strand		1130
11.21 4	Hjelmeland		1133
11.21 5	Suldal		1134
11.21 6	Sauda		1135
11.21 7	Finnøy		1141
11.21 8	Rennesøy		1142
11.21 9	Kvitsøy		1144
11.22 0	Bokn		1145

11.22 1	Tysvær		1146
11.22 2	Karmøy		1149
11.22 3	Utsira		1151
11.22 4	Vindafjord utgått	now 1160 Vindafjord	1154
11.22 5	Ølen utgått	now 1160 Vindafjord	1159
11.22 6	Vindafjord		1160
11.22 7	Bergen		1201
11.22 8	Etne		1211
11.22 9	Sveio		1216
11.23 0	Bømlo		1219
11.23 1	Stord		1221
11.23 2	Fitjar		1222
11.23 3	Tysnes		1223
11.23 4	Kvinnherad		1224
11.23 5	Jondal		1227
11.23 6	Odda		1228
11.23 7	Ullensvang		1231
11.23 8	Eidfjord		1232

11.23 9	Ulvik		1233
11.24 0	Granvin		1234
11.24 1	Voss		1235
11.24 2	Kvam		1238
11.24 3	Fusa		1241
11.24 4	Samnanger		1242
11.24 5	Os i Hordaland		1243
11.24 6	Austevoll		1244
11.24 7	Sund		1245
11.24 8	Fjell		1246
11.24 9	Askøy		1247
11.25 0	Vaksdal		1251
11.25 1	Modalen		1252
11.25 2	Osterøy		1253
11.25 3	Meland		1256
11.25 4	Øygarden		1259
11.25 5	Radøy		1260
11.25 6	Lindås		1263

11.25 7	Austrheim		1264
11.25 8	Fedje		1265
11.25 9	Masfjorden		1266
11.26 0	Flora		1401
11.26 1	Gulen		1411
11.26 2	Solund		1412
11.26 3	Hyllestad		1413
11.26 4	Høyanger		1416
11.26 5	Vik		1417
11.26 6	Balestrand		1418
11.26 7	Leikanger		1419
11.26 8	Sogndal		1420
11.26 9	Aurland		1421
11.27 0	Lærdal		1422
11.27 1	Årdal		1424
11.27 2	Luster		1426
11.27 3	Askvoll		1428
11.27 4	Fjaler		1429

11.27 5	Gaular		1430
11.27 6	Jølster		1431
11.27 7	Førde		1432
11.27 8	Naustdal		1433
11.27 9	Bremanger		1438
11.28 0	Vågsøy		1439
11.28 1	Selje		1441
11.28 2	Eid		1443
11.28 3	Hornindal		1444
11.28 4	Gloppen		1445
11.28 5	Stryn		1449
11.28 6	Molde		1502
11.28 7	Kristiansund		1503
11.28 8	Ålesund		1504
11.28 9	Vanylven		1511
11.29 0	Sande i Møre og Romsdal		1514
11.29 1	Herøy i Møre og Romsdal		1515
11.29 2	Ulstein		1516

11.29 3	Hareid		1517
11.29 4	Volda		1519
11.29 5	Ørsta		1520
11.29 6	Ørskog		1523
11.29 7	Norddal		1524
11.29 8	Stranda		1525
11.29 9	Stordal		1526
11.30 0	Sykkylven		1528
11.30 1	Skodje		1529
11.30 2	Sula		1531
11.30 3	Giske		1532
11.30 4	Haram		1534
11.30 5	Vestnes		1535
11.30 6	Rauma		1539
11.30 7	Nesset		1543
11.30 8	Midsund		1545
11.30 9	Sandøy		1546
11.31 0	Aukra		1547

11.31 1	Fræna		1548
11.31 2	Eide		1551
11.31 3	Averøy		1554
11.31 4	Frei		1556
11.31 5	Gjemnes		1557
11.31 6	Tingvoll		1560
11.31 7	Sunndal		1563
11.31 8	Surnadal		1566
11.31 9	Rindal		1567
11.32 0	Aure utgått	now 1576 Aure	1569
11.32 1	Halsa		1571
11.32 2	Tustna utgått	now 1576 Aure	1572
11.32 3	Smøla		1573
11.32 4	Aure		1576
11.32 5	Trondheim		1601
11.32 6	Hemne		1612
11.32 7	Snillfjord		1613
11.32 8	Hitra		1617

11.32 9	Frøya		1620
11.33 0	Ørland		1621
11.33 1	Agdenes		1622
11.33 2	Rissa		1624
11.33 3	Bjugn		1627
11.33 4	Åfjord		1630
11.33 5	Roan		1632
11.33 6	Osen		1633
11.33 7	Oppdal		1634
11.33 8	Rennebu		1635
11.33 9	Meldal		1636
11.34 0	Orkdal		1638
11.34 1	Røros		1640
11.34 2	Holtålen		1644
11.34 3	Midtre Gauldal		1648
11.34 4	Melhus		1653
11.34 5	Skaun		1657
11.34 6	Klæbu		1662

11.34 7	Malvik		1663
11.34 8	Selbu		1664
11.34 9	Tydal		1665
11.35 0	Steinkjer		1702
11.35 1	Namsos		1703
11.35 2	Meråker		1711
11.35 3	Stjørdal		1714
11.35 4	Frosta		1717
11.35 5	Leksvik		1718
11.35 6	Levanger		1719
11.35 7	Verdal		1721
11.35 8	Mosvik		1723
11.35 9	Verran		1724
11.36 0	Namdalseid		1725
11.36 1	Inderøy		1729
11.36 2	Snåsa		1736
11.36 3	Lierne		1738
11.36 4	Røyrvik		1739

11.36 5	Namsskogan		1740
11.36 6	Grong		1742
11.36 7	Høylandet		1743
11.36 8	Overhalla		1744
11.36 9	Fosnes		1748
11.37 0	Flatanger		1749
11.37 1	Vikna		1750
11.37 2	Nærøy		1751
11.37 3	Leka		1755
11.37 4	Bodø		1804
11.37 5	Narvik		1805
11.37 6	Bindal		1811
11.37 7	Sømna		1812
11.37 8	Brønnøy		1813
11.37 9	Vega		1815
11.38 0	Vevelstad		1816
11.38 1	Herøy i Nordland		1818
11.38 2	Alstahaug		1820

11.38 3	Leirfjord		1822
11.38 4	Vefsn		1824
11.38 5	Grane		1825
11.38 6	Hattfjelldal		1826
11.38 7	Dønna		1827
11.38 8	Nesna		1828
11.38 9	Hemnes		1832
11.39 0	Rana		1833
11.39 1	Lurøy		1834
11.39 2	Træna		1835
11.39 3	Rødøy		1836
11.39 4	Meløy		1837
11.39 5	Gildeskål		1838
11.39 6	Beiarn		1839
11.39 7	Saltdal		1840
11.39 8	Fauske		1841
11.39 9	Skjerstad utgått	now 1804 Bodø	1842
11.40 0	Sørfold		1845

11.40 1	Steigen		1848
11.40 2	Hamarøy		1849
11.40 3	Tysfjord		1850
11.40 4	Lødingen		1851
11.40 5	Tjeldsund		1852
11.40 6	Evenes		1853
11.40 7	Ballangen		1854
11.40 8	Røst		1856
11.40 9	Værøy		1857
11.41 0	Flakstad		1859
11.41 1	Vestvågøy		1860
11.41 2	Vågan		1865
11.41 3	Hadsel		1866
11.41 4	Bø i Nordland		1867
11.41 5	Øksnes		1868
11.41 6	Sortland		1870
11.41 7	Andøy		1871
11.41 8	Moskenes		1874

11.41 9	Harstad		1901
11.42 0	Tromsø		1902
11.42 1	Kvæfjord		1911
11.42 2	Skånland		1913
11.42 3	Bjarkøy		1915
11.42 4	Ibestad		1917
11.42 5	Gratangen		1919
11.42 6	Lavangen		1920
11.42 7	Bardu		1922
11.42 8	Salangen		1923
11.42 9	Målselv		1924
11.43 0	Sørreisa		1925
11.43 1	Dyrøy		1926
11.43 2	Tranøy		1927
11.43 3	Torsken		1928
11.43 4	Berg		1929
11.43 5	Lenvik		1931
11.43 6	Balsfjord		1933

11.43 7	Karlsøy		1936
11.43 8	Lyngen		1938
11.43 9	Storfjord		1939
11.44 0	Gáivuotna - Kåfjord		1940
11.44 1	Skjervøy		1941
11.44 2	Nordreisa		1942
11.44 3	Kvænangen		1943
11.44 4	Hammerfest utgått	now 2004 Hammerfest	2001
11.44 5	Vardø		2002
11.44 6	Vadsø		2003
11.44 7	Hammerfest		2004
11.44 8	Guovdageaidnu - Kautokeino		2011
11.44 9	Alta		2012
11.45 0	Loppa		2014
11.45 1	Hasvik		2015
11.45 2	Sørøysund	now 2004 Hammerfest	2016
11.45 3	Kvalsund		2017
11.45 4	Måsøy		2018

11.45 5	Nordkapp		2019
11.45 6	Porsanger		2020
11.45 7	Kárásjohka - Karasjok		2021
11.45 8	Lebesby		2022
11.45 9	Gamvik		2023
11.46 0	Berlevåg		2024
11.46 1	Deatnu - Tana		2025
11.46 2	Unjárga - Nesseby		2027
11.46 3	Båtsfjord		2028
11.46 4	Sør-Varanger		2030
11.46 5	Spitsbergen		2111
11.46 6	Bjørnøya		2121
11.46 7	Hopen		2131
11.46 8	Jan Mayen		2211
11.46 9	Sokkelen sør for 62 grader Nord		2311
11.47 0	Sokkelen nord for 62 grader Nord		2321