Petroleum

Norwegian Mapping Authority

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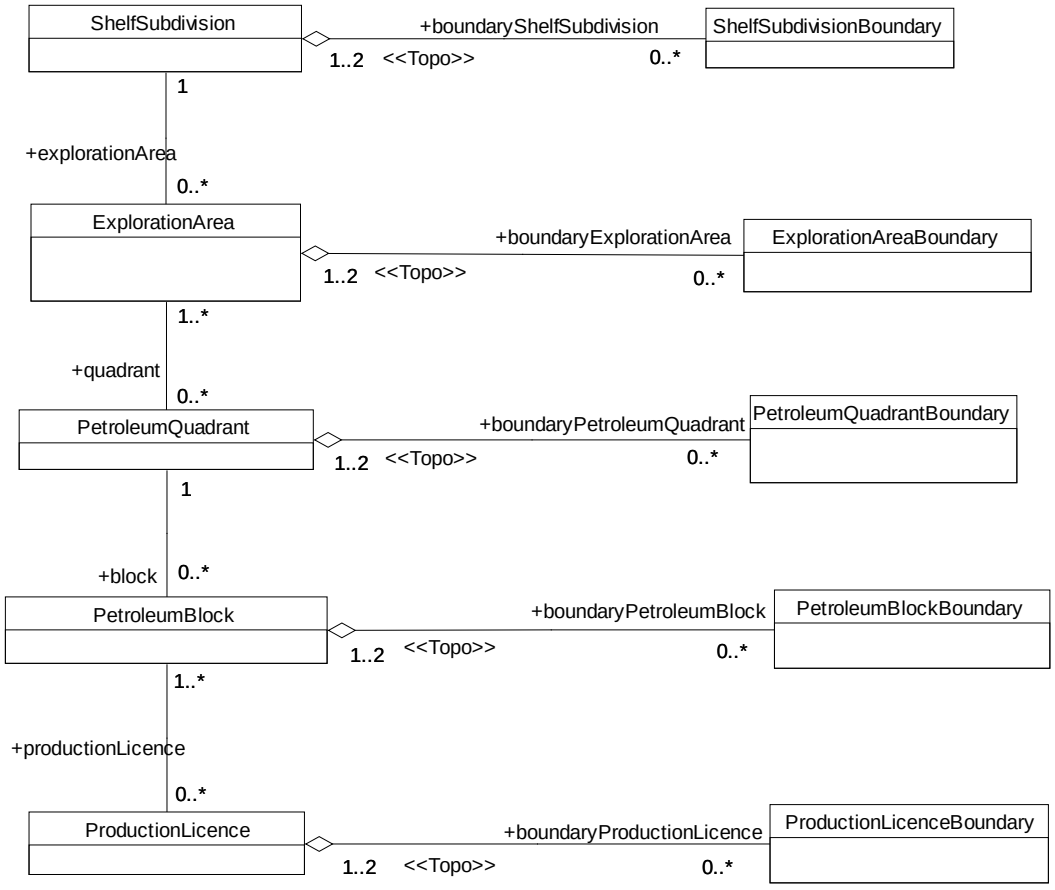
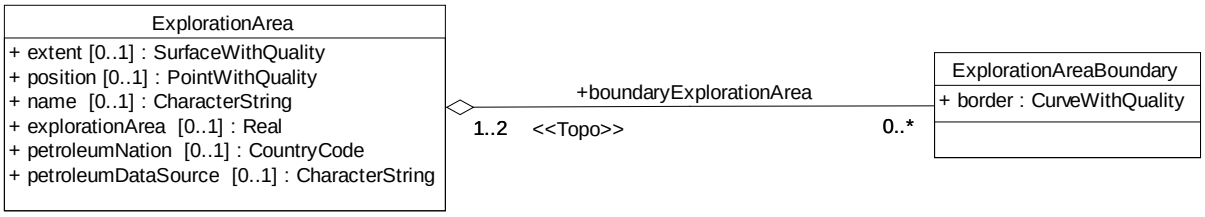
1.1 Application schema

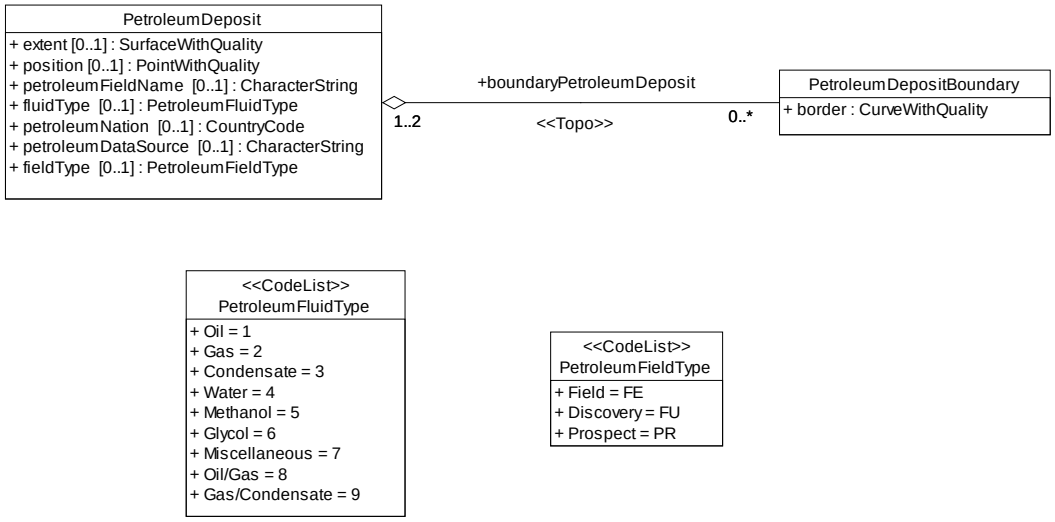
Classification of areas



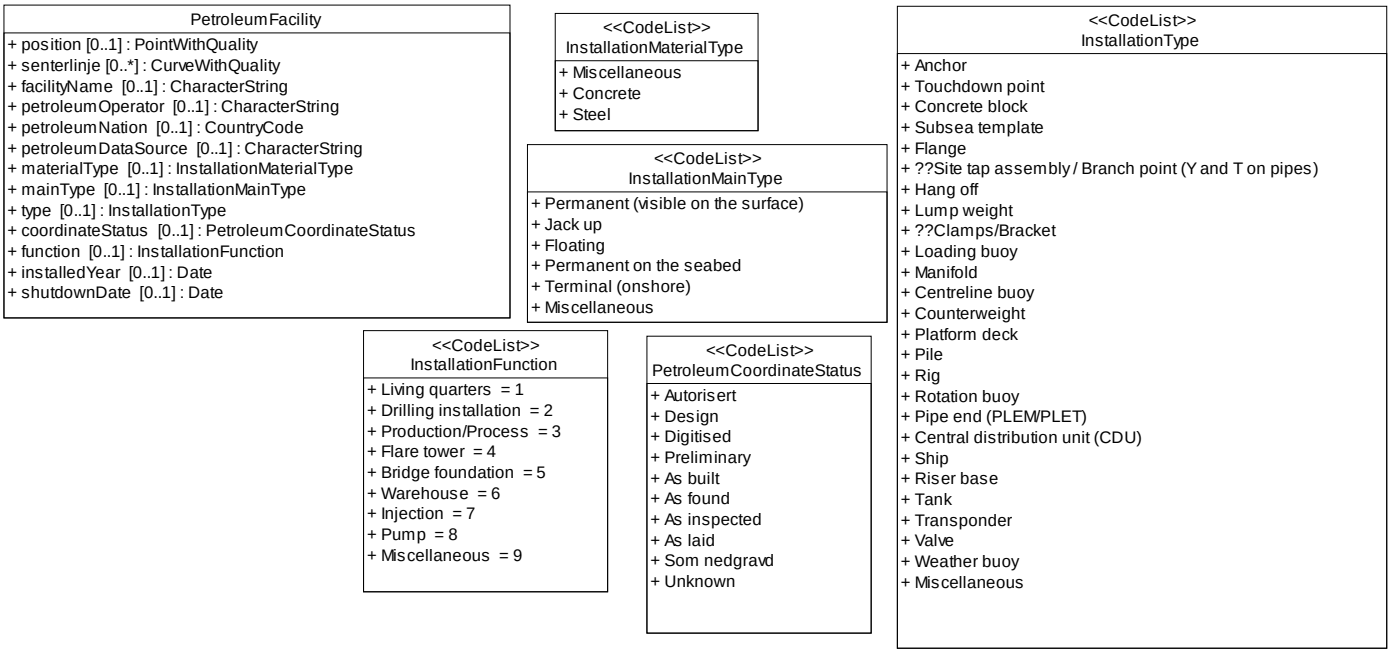
Exploration area



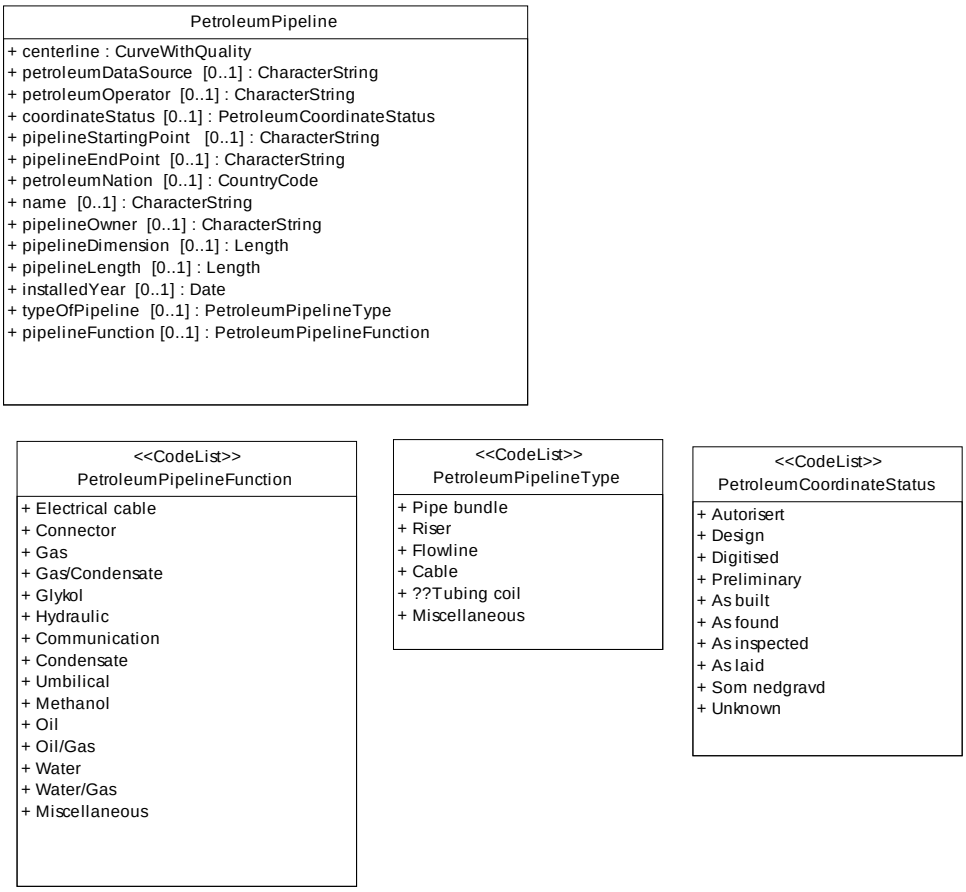
Petroleum deposit



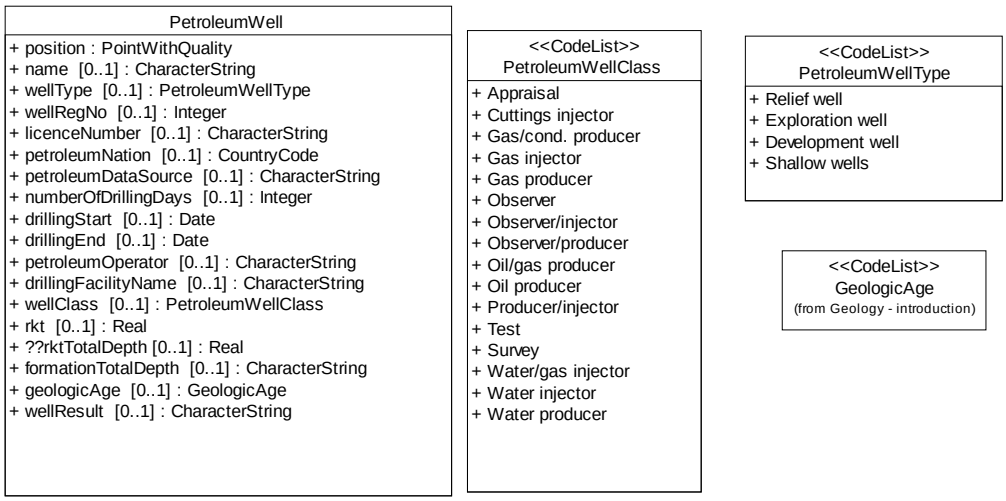
Petroleum facillity



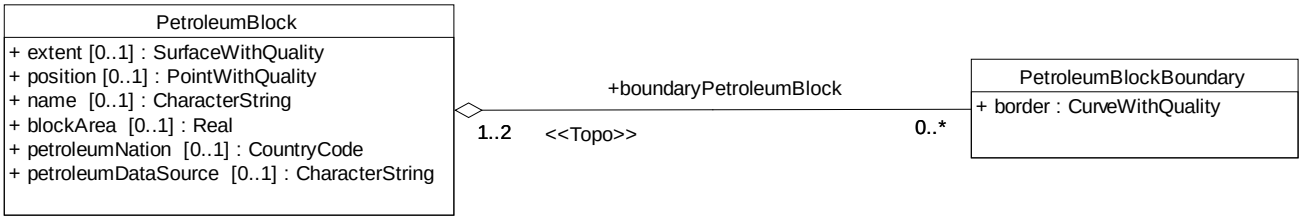
Petroleum pipeline



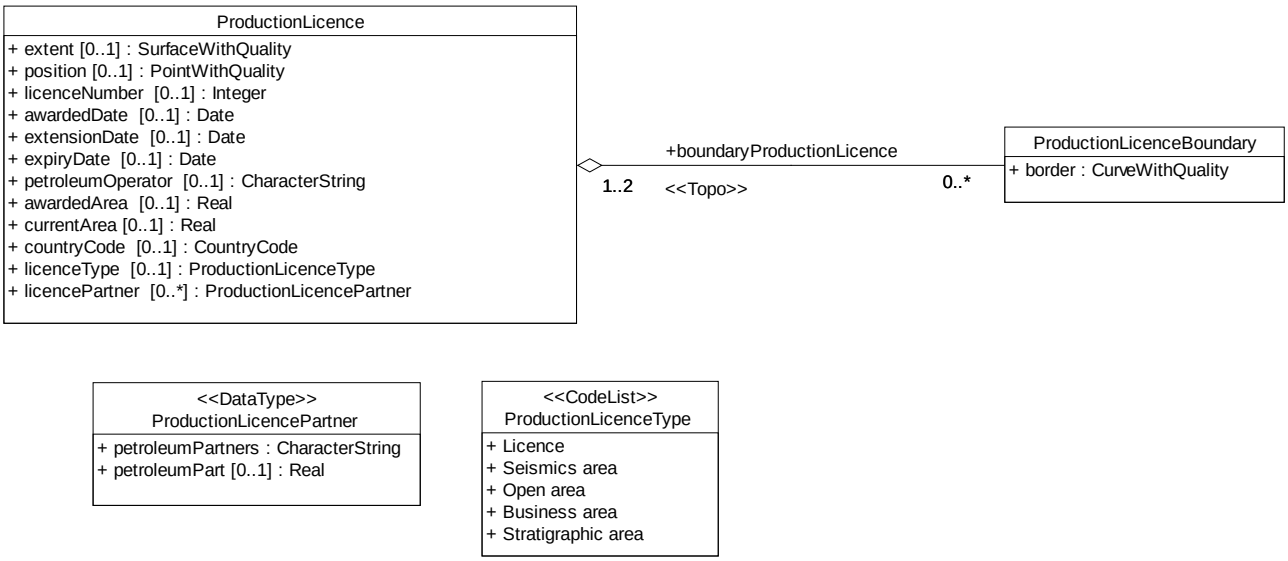
Petroleum well



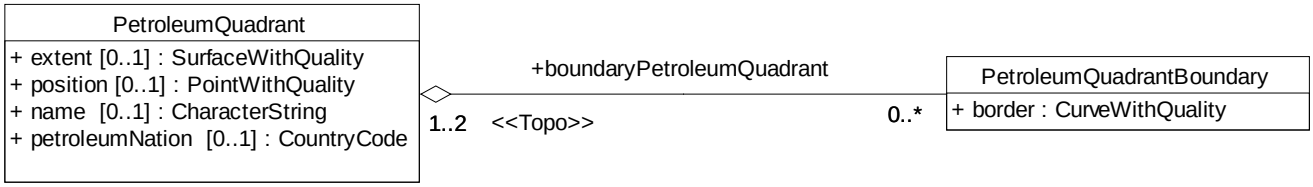
Petroleumblock



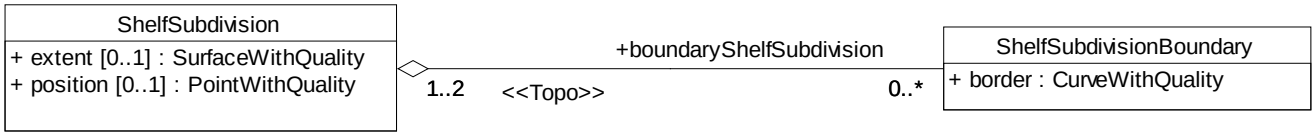
Production licence



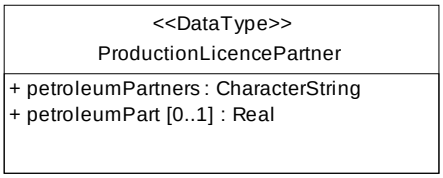
Quadrant



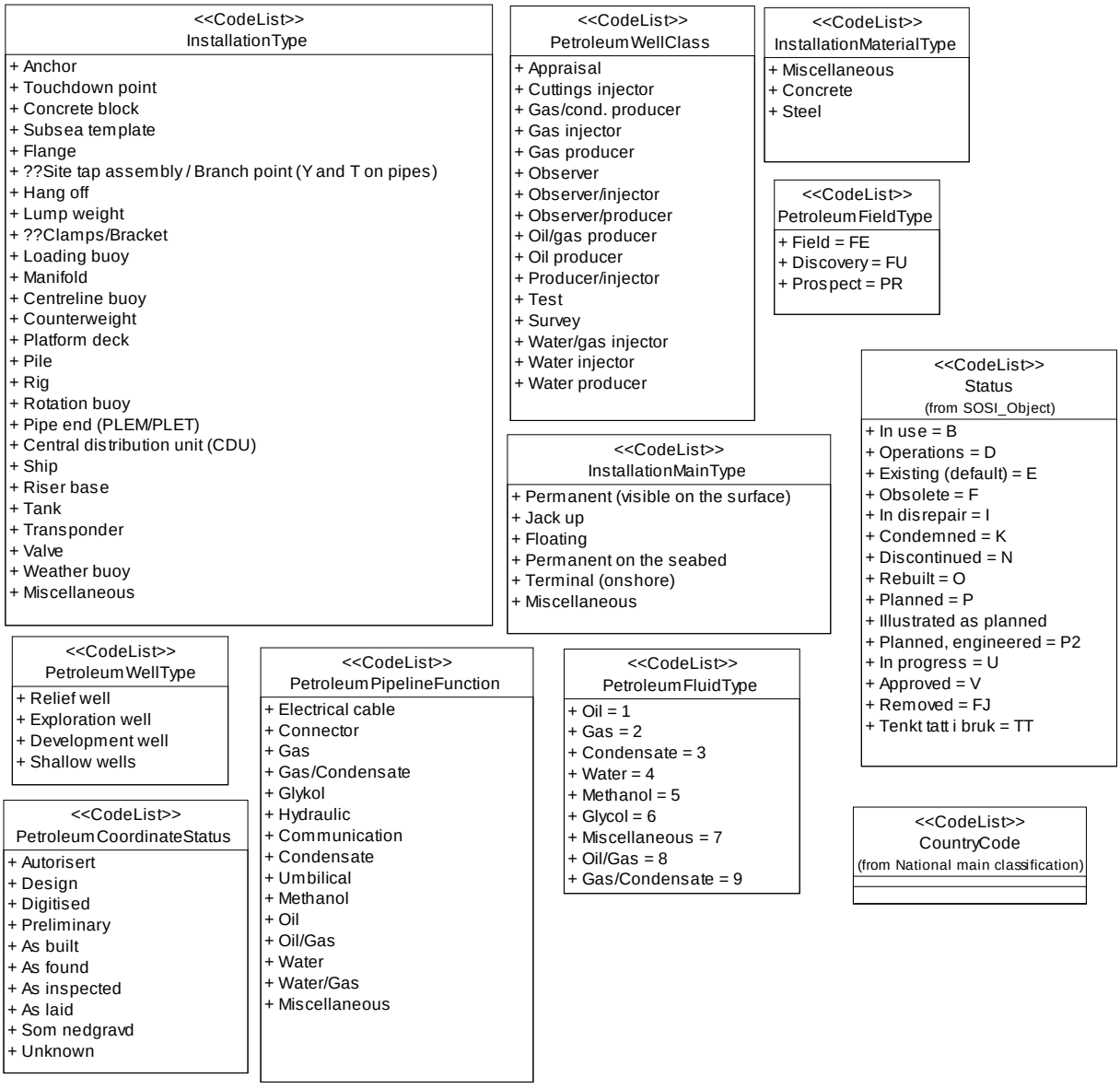
Shelf subdivision



Datatypes



Codelists



1.2 Description

1.2.1 ExplorationArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
1	Class ExplorationArea	specifically named, geographically delimited area on the Norwegian Continental Shelf				
1.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
1.2	position	location where the object exists	0	1	PointWithQuality	
1.3	name	name of area	0	1	CharacterString	
1.4	explorationArea	the size of the area	0	1	Real	
1.5	petroleumNation	country code for oil reg. / registry nation	0	1	CountryCode	
1.6	petroleumDataSource	information source	0	1	CharacterString	
1.7	Role (unnamed) ShelfSubdivision		1	1	ShelfSubdivision	
1.8	Role quadrant		0	N	PetroleumQuadrant	
1.9	Role boundaryExplorationArea		0	N	ExplorationAreaBoundary	Aggregration

1.2.2 PetroleumWell

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
2	Class PetroleumWell	boreholes which are drilled to find or delimit a petroleum deposit and/or to produce petroleum or water for injection purposes, to inject gas, water or another medium, or to map or monitor well parameters. A well may consist of one or more well bores and may have one or more end points				
2.1	position	location where the object exists	1	1	PointWithQuality	
2.2	name	name of well	0	1	CharacterString	
2.3	wellType	category of well for petroleum activities	0	1	PetroleumWellType	

2.4	wellRegNo	drilling permit no.	0	1	Integer	
2.5	licenceNumber	official licence number of the permit	0	1	CharacterString	
2.6	petroleumNation	country code for oil reg. / registry nation	0	1	CountryCode	
2.7	petroleumDataSource	information source	0	1	CharacterString	
2.8	numberOfDrillingDays	the number of drilling days	0	1	Integer	
2.9	drillingStart	date of start of drilling (for example 19961010)	0	1	Date	
2.10	drillingEnd	date of completed drilling operation (for example: 19961010)	0	1	Date	
2.11	petroleumOperator	the company which is in charge of the everyday management of the petroleum activities on behalf of the licencee(s)	0	1	CharacterString	
2.12	drillingFacilityName	facility/installation used during drilling	0	1	CharacterString	
2.13	wellClass	classification of exploration wells and development wells	0	1	PetroleumWellClass	
2.14	rkt	height from mean sea level to drill floor	0	1	Real	
2.15	??rktTotalDepth	well depth, measured from the rotary table or the drill floor to total depth	0	1	Real	
2.16	formationTotalDepth	name of formation at total (max.) depth	0	1	CharacterString	
2.17	geologicAge	the age of a rock tells how much time has passed since it was formed. Name of geological period/epoch of the period of time during which a geological stratigraphic sequence was formed	0	1	GeologicAge	
2.18	wellResult	whether the purpose of the well was achieved	0	1	CharacterString	

1.2.3 PetroleumDeposit

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
3	Class PetroleumDeposit	an accumulation of petroleum in a geological unit, delimited by rock types at structural or stratigraphic boundaries, the interface between petroleum and water in a formation, or a				

		combination of these				
3.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
3.2	position	location where the object exists	0	1	PointWithQuality	
3.3	petroleumFieldName	name of petroleum field	0	1	CharacterString	
3.4	fluidType	liquid and gaseous hydrocarbons which are found in natural conditions in the subsurface, as well as other substances which are produced in connection with such hydrocarbons.	0	1	PetroleumFluidType	
3.5	petroleumNation	country code for oil reg. / registry nation	0	1	CountryCode	
3.6	petroleumDataSource	information source	0	1	CharacterString	
3.7	fieldType	classification of petroleum deposit	0	1	PetroleumFieldType	
3.8	Role boundaryPetroleumDeposit		0	N	PetroleumDepositBoundary	Aggregration

1.2.4 PetroleumFacility

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
4	Class PetroleumFacility	facility, installation, plant or other equipment for petroleum activities, but not supply and utility vessels or ships which transport bulk petroleum				
4.1	position	location where the object exists	0	1	PointWithQuality	
4.2	senterlinje	forløp som følger objektets sentrale del	0	N	CurveWithQuality	
4.3	facilityName	name of facility	0	1	CharacterString	
4.4	petroleumOperator	the company which is in charge of the everyday management of the petroleum activities on behalf of the licencee(s)	0	1	CharacterString	
4.5	petroleumNation	country code for oil reg. / registry nation	0	1	CountryCode	
4.6	petroleumDataSource	information source	0	1	CharacterString	
4.7	materialType	main type of material used in ??structure/ construction	0	1	InstallationMaterialType	
4.8	mainType	main type of category for	0	1	InstallationMai	

		the installation			nType	
4.9	type	area of application of the installation	0	1	InstallationTyp e	
4.10	coordinateStatus	source of coordinates ??in relation to the life cycle of the structure (unclear source text)	0	1	PetroleumCoor dinateStatus	
4.11	function	main function of the installation	0	1	InstallationFun ction	
4.12	installedYear	the year the pipeline or facility/installation was installed	0	1	Date	
4.13	shutdownDate	date on which the installation was shut down	0	1	Date	

1.2.5 ShelfSubdivision

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrenc e	Type	Constraint
5	Class ShelfSubdivision	the sea areas within the outer borders of the continental shelf are divided into blocks of size 15 minutes of latitude and 20 minutes of longitude, unless adjacent land areas, borders with the continental shelves of other states or other considerations dictate otherwise				
5.1	extent	area over which an object extends	0	1	SurfaceWithQu ality	
5.2	position	location where the object exists	0	1	PointWithQuali ty	
5.3	Role boundaryShelfSu bdivision		0	N	ShelfSubdivisi onBoundary	Aggregrati on
5.4	Role explorationArea		0	N	ExplorationAre a	

1.2.6 ShelfSubdivisionBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrenc e	Type	Constraint
6	Class ShelfSubdivision Boundary	the outer boundary of the continental shelf				
6.1	border	course following the transition between different real world phenomena	1	1	CurveWithQual ity	
6.2	Role (unnamed)		1	2	ShelfSubdivisi on	

	ShelfSubdivision					

1.2.7 ProductionLicence

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
7	Class ProductionLicence	the licence grants exclusive rights for wildcatting, exploration drilling and production of petroleum within the geographic area of the licence				
7.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
7.2	position	location where the object exists	0	1	PointWithQuality	
7.3	licenceNumber	official licence number of the permit	0	1	Integer	
7.4	awardedDate	date on which the permit was awarded	0	1	Date	
7.5	extensionDate	date on which the permit was extended	0	1	Date	
7.6	expiryDate	date on which the production license expires	0	1	Date	
7.7	petroleumOperator	the company which is in charge of the everyday management of the petroleum activities on behalf of the licencee(s)	0	1	CharacterString	
7.8	awardedArea	original awarded area	0	1	Real	
7.9	currentArea	opprinnelig tildelt areal minus tilbakelevert areal	0	1	Real	
7.10	countryCode	country code for oil reg. / registry nation	0	1	CountryCode	
7.11	licenceType	classification of areas given for production licences	0	1	ProductionLicenceType	
7.12	licencePartner	information about partners for a production licence	0	N	ProductionLicencePartner	
7.13	Role (unnamed) PetroleumBlock		1	N	PetroleumBlock	
7.14	Role boundaryProductionLicence		0	N	ProductionLicenceBoundary	Aggregration

1.2.8 PetroleumQuadrant

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
8	Class PetroleumQuadrant	numbered area between whole degrees on the continental shelf				

8.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
8.2	position	location where the object exists	0	1	PointWithQuality	
8.3	name	name of quadrant	0	1	CharacterString	
8.4	petroleumNation	country code for oil reg. / registry nation	0	1	CountryCode	
8.5	Role (unnamed) ExplorationArea		1	N	ExplorationArea	
8.6	Role block		0	N	PetroleumBlock	
8.7	Role boundaryPetroleumQuadrant		0	N	PetroleumQuadrantBoundary	Aggregration

1.2.9 PetroleumBlock

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
9	Class PetroleumBlock	numbered division of the continental shelf in a size of 15 minutes of latitude and 20 minutes of longitude, unless adjacent land areas, borders with the continental shelves of other states or other considerations dictate otherwise				
9.1	extent	area over which an object extends	0	1	SurfaceWithQuality	
9.2	position	location where the object exists	0	1	PointWithQuality	
9.3	name	name of the block	0	1	CharacterString	
9.4	blockArea	the area of the block	0	1	Real	
9.5	petroleumNation	country code for oil reg. / registry nation	0	1	CountryCode	
9.6	petroleumDataSource	information source	0	1	CharacterString	
9.7	Role (unnamed) PetroleumQuadrant		1	1	PetroleumQuadrant	
9.8	Role productionLicence		0	N	ProductionLicence	
9.9	Role boundaryPetroleumBlock		0	N	PetroleumBlockBoundary	Aggregration

1.2.10 PetroleumPipeline

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
10	Class PetroleumPipeline	underwater pipeline and risers which transport hydrocarbons and other substances with associated safety systems, valves, ??(pig launchers/pig chambers/gates/sluices), corrosion protection systems and other connected equipment (pipeline system)				
10.1	centerline	course followed by the central part of the object	1	1	CurveWithQuality	
10.2	petroleumDataSource	information source	0	1	CharacterString	
10.3	petroleumOperator	the company which is in charge of the everyday management of the petroleum activities on behalf of the licencee(s)	0	1	CharacterString	
10.4	coordinateStatus	source of coordinates ??in relation to the life cycle of the structure (unclear source text)	0	1	PetroleumCoordinateStatus	
10.5	pipelineStartingPoint	the starting point for the pipeline, usually an installation	0	1	CharacterString	
10.6	pipelineEndPoint	the end point of the pipeline, usually an installation	0	1	CharacterString	
10.7	petroleumNation	country code for oil reg. / registry nation	0	1	CountryCode	
10.8	name	name of pipeline	0	1	CharacterString	
10.9	pipelineOwner	owner of pipeline	0	1	CharacterString	
10.10	pipelineDimension	dimension of pipeline	0	1	Length	
10.11	pipelineLength	the length of the pipeline	0	1	Length	
10.12	installedYear	the year the pipeline or installation was installed/ planned to be installed	0	1	Date	
10.13	typeOfPipeline	main category type of the pipeline	0	1	PetroleumPipelineType	
10.14	pipelineFunction	function/fluid type for the pipeline	0	1	PetroleumPipelineFunction	

1.2.11 ExplorationAreaBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
11	Class ExplorationAreaBoundary	the outer boundary of the exploration area				
11.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
11.2	Role (unnamed) ExplorationArea		1	2	ExplorationArea	

1.2.12 PetroleumQuadrantBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
12	Class PetroleumQuadrantBoundary	delimitation of petroleum quadrant				
12.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
12.2	Role (unnamed) PetroleumQuadrant		1	2	PetroleumQuadrant	

1.2.13 PetroleumBlockBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
13	Class PetroleumBlockBoundary	delimitation of petroleum block				
13.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
13.2	Role (unnamed) PetroleumBlock		1	2	PetroleumBlock	

1.2.14 ProductionLicenceBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
14	Class ProductionLicenceBoundary	delimitation of production licence				

14.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
14.2	Role (unnamed) ProductionLicence		1	2	ProductionLicence	

1.2.15 PetroleumDepositBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
15	Class PetroleumDepositBoundary	delimitation of petroleum deposit				
15.1	border	course following the transition between different real world phenomena	1	1	CurveWithQuality	
15.2	Role (unnamed) PetroleumDeposit		1	2	PetroleumDeposit	

1.2.16 <<DataType>> ProductionLicencePartner

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
16	Datatype ProductionLicencePartner	information about partners in a production licence				
16.1	petroleumPartners		1	1	CharacterString	
16.2	petroleumPart	% per-share partner	0	1	Real	

1.2.17 Association <<Topo>> ShelfSubdivision - ShelfSubdivisionBoundary

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

1.2.18 Association ShelfSubdivision -ExplorationArea

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
18	Association ShelfSubdivision -ExplorationArea					
18.1	Role explorationArea		0	N	ExplorationArea	
18.2	Role (unnamed) ShelfSubdivision		1	1	ShelfSubdivision	

1.2.19 Association ExplorationArea -PetroleumQuadrant

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
19	Association ExplorationArea - PetroleumQuadrant					
19.1	Role quadrant		0	N	PetroleumQuadrant	
19.2	Role (unnamed) ExplorationArea		1	N	ExplorationArea	

1.2.20 Association PetroleumQuadrant -PetroleumBlock

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
20	Association PetroleumQuadrant - PetroleumBlock					
20.1	Role block		0	N	PetroleumBlock	
20.2	Role (unnamed) PetroleumQuadrant		1	1	PetroleumQuadrant	

1.2.21 Association PetroleumBlock -ProductionLicence

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
21	Association PetroleumBlock - ProductionLicence					
21.1	Role productionLicence		0	N	ProductionLicence	

21.2	Role (unnamed) PetroleumBlock		1	N	PetroleumBlock	

1.2.22 Association <<Topo>> ExplorationArea -ExplorationAreaBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
22	Association ExplorationArea - ExplorationAreaBoundary					
22.1	Role boundaryExplorationArea		0	N	ExplorationAreaBoundary	Aggregation
22.2	Role (unnamed) ExplorationArea		1	2	ExplorationArea	

1.2.23 Association <<Topo>> PetroleumQuadrant - PetroleumQuadrantBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
23	Association PetroleumQuadrant - PetroleumQuadrantBoundary					
23.1	Role boundaryPetroleumQuadrant		0	N	PetroleumQuadrantBoundary	Aggregation
23.2	Role (unnamed) PetroleumQuadrant		1	2	PetroleumQuadrant	

1.2.24 Association <<Topo>> PetroleumBlock -PetroleumBlockBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
24	Association PetroleumBlock - PetroleumBlockBoundary					
24.1	Role boundaryPetroleumBlock		0	N	PetroleumBlockBoundary	Aggregation
24.2	Role (unnamed) PetroleumBlock		1	2	PetroleumBlock	

1.2.25 Association <<Topo>> ProductionLicence-ProductionLicenceBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
25	Association ProductionLicence-ProductionLicenceBoundary					
25.1	Role boundaryProductionLicence		0	N	ProductionLicenceBoundary	Aggregation
25.2	Role (unnamed) ProductionLicence		1	2	ProductionLicence	

1.2.26 Association <<Topo>> PetroleumDeposit - PetroleumDepositBoundary

No	Name/ Role name	Description	Obligation/ Condition	Maximum Occurrence	Type	Constraint
26	Association PetroleumDeposit - PetroleumDepositBoundary					
26.1	Role boundaryPetroleumDeposit		0	N	PetroleumDepositBoundary	Aggregation
26.2	Role (unnamed) PetroleumDeposit		1	2	PetroleumDeposit	

1.2.26.1 <<CodeList>> InstallationType

Nr	Code name	Definition/Description	Code
1	CodeList InstallationType	area of application of the installation	
1.1	Anchor		
1.2	Touchdown point		
1.3	Concrete block		
1.4	Subsea template		
1.5	Flange		
1.6	??Site tap assembly / Branch point (Y and T on pipes)		
1.7	Hang off		
1.8	Lump weight		
1.9	??Clamps/Bracket		
1.10	Loading buoy		
1.11	Manifold		
1.12	Centreline buoy		
1.13	Counterweight		
1.14	Platform deck		
1.15	Pile		
1.16	Rig		
1.17	Rotation buoy		
1.18	Pipe end (PLEM/PLET)		
1.19	Central distribution unit (CDU)		
1.20	Ship		
1.21	Riser base		
1.22	Tank		
1.23	Transponder		
1.24	Valve		
1.25	Weather buoy		
1.26	Miscellaneous		

1.2.26.2 <<CodeList>> InstallationMainType

Nr	Code name	Definition/Description	Code
2	CodeList InstallationMainType	main type of category for the installation	
2.1	Permanent (visible on the surface)		
2.2	Jack up		
2.3	Floating	FF-installation which is not meant to be permanently located on the field throughout the lifetime of the field, for example: drilling installation and well intervention installation, cf. the guide to Section 3 of the Framework Regulations	
2.4	Permanent on the seabed	FF-installation which is permanently located on the field, i.e. for the lifetime of the field. Production ships fall within this definition, since they are meant to be permanently located on the field	
2.5	Terminal (onshore)		
2.6	Miscellaneous		

1.2.26.3 <<CodeList>> PetroleumWellClass

Nr	Code name	Definition/Description	Code
3	CodeList PetroleumWellClass	classification of exploration wells and development wells	
3.1	Appraisal	exploration well drilled in order to determine the extent and size of a petroleum deposit which has already been proven by a wildcat well	
3.2	Cuttings injector		
3.3	Gas/cond. producer		
3.4	Gas injector		
3.5	Gas producer		
3.6	Observer	development or test production well which is used to measure specific well parameters	
3.7	Observer/injector		
3.8	Observer/producer		
3.9	Oil/gas producer		
3.10	Oil producer		
3.11	Producer/injector		
3.12	Test		
3.13	Survey		
3.14	Water/gas injector		

3.15	Water injector		
3.16	Water producer		

1.2.26.4 <<CodeList>> PetroleumWellType

Nr	Code name	Definition/Description	Code
4	CodeList PetroleumWellType	category of well for petroleum activities	
4.1	Relief well		
4.2	Exploration well	well which is drilled in order to prove a potential deposit of petroleum or to obtain information to delimit a proven deposit. Comprises wildcat and appraisal wells	
4.3	Development well	common term for wells which are used for the extraction of petroleum; production wells, injection wells and observation wells and any combinations of these	
4.4	Shallow wells	boreholes which are drilled to obtain information about the characteristics of the rock types and/or to perform geotechnical site investigations for location of installations, and which are not drilled to prove or delimit a petroleum deposit or to produce or inject petroleum, water or any other medium	

1.2.26.5 <<CodeList>> PetroleumFieldType

Nr	Code name	Definition/Description	Code
5	CodeList PetroleumFieldType	classification of petroleum deposit	
5.1	Field	one or more discoveries agglomerated, which the licensees have decided to develop, and for which the authorities have approved a Plan for Development and Operations (PDO), or for which a PDO exemption has been given	FE
5.2	Discovery	petroleum deposit which has been discovered in the same well, and where it is probable that mobile petroleum is present. Note: The definition includes both commercial and technical discoveries. The discovery receives status as a field when a Plan for Development and Operations (PDO) has been approved by the authorities.	FU
5.3	Prospect	a potential petroleum trap with a surveyable, delimited rock volume	PR

1.2.26.6 <<CodeList>> ProductionLicenceType

Nr	Code name	Definition/Description	Code
6	CodeList ProductionLicenceType	classification of areas given for production licenses	
6.1	Licence		

6.2	Seismics area		
6.3	Open area		
6.4	Business area		
6.5	Stratigraphic area		

1.2.26.7 <<CodeList>> InstallationFunction

Nr	Code name	Definition/Description	Code
7	CodeList InstallationFunction	main function of the installation	
7.1	Living quarters	FF-permanently manned installations, installations which are continuously manned, or which constitute a part of an integrated development solution with bridge connections.	1
7.2	Drilling installation		2
7.3	Production/Process		3
7.4	Flare tower		4
7.5	Bridge foundation		5
7.6	Warehouse		6
7.7	Injection		7
7.8	Pump		8
7.9	Miscellaneous		9

1.2.26.8 <<CodeList>> PetroleumCoordinateStatus

Nr	Code name	Definition/Description	Code
8	CodeList PetroleumCoordinateStatus	source of coordinates ??in relation to the life cycle of the structure (unclear source text)	
8.1	Autorisert		
8.2	Design		
8.3	Digitised		
8.4	Preliminary		
8.5	As built		
8.6	As found		
8.7	As inspected		
8.8	As laid		
8.9	Som nedgravd		
8.10	Unknown		

1.2.26.9 <<CodeList>> PetroleumPipelineFunction

Nr	Code name	Definition/Description	Code
9	CodeList PetroleumPipelineFunction	function/fluid type of the pipeline	
9.1	Electrical cable		
9.2	Connector		
9.3	Gas		
9.4	Gas/Condensate		
9.5	Glykol		
9.6	Hydraulic		
9.7	Communication		
9.8	Condensate		
9.9	Umbilical		
9.10	Methanol		
9.11	Oil		
9.12	Oil/Gas		
9.13	Water		
9.14	Water/Gas		
9.15	Miscellaneous		

1.2.26.10 <<CodeList>> PetroleumPipelineType

Nr	Code name	Definition/Description	Code
10	CodeList PetroleumPipelineType	main category type of the pipeline	
10.1	Pipe bundle		
10.2	Riser		
10.3	Flowline		
10.4	Cable		
10.5	??Tubing coil		
10.6	Miscellaneous		

1.2.26.11 <<CodeList>> PetroleumFluidType

Nr	Code name	Definition/Description	Code
11	CodeList	liquid and gaseous hydrocarbons which are found in natural conditions in the subsurface, as	

	PetroleumFluidType	well as other substances which are produced in connection with such hydrocarbons.	
11.1	Oil		1
11.2	Gas		2
11.3	Condensate		3
11.4	Water		4
11.5	Methanol		5
11.6	Glycol		6
11.7	Miscellaneous		7
11.8	Oil/Gas		8
11.9	Gas/Condensate		9

1.2.26.12 <<CodeList>> InstallationMaterialType

Nr	Code name	Definition/Description	Code
12	CodeList InstallationMaterialType	main type of material used in ??structure/ construction	
12.1	Miscellaneous		
12.2	Concrete		
12.3	Steel		