Appendix 1
to CAD manual
Naming model-, assembly- and discipline data files

Initials	Version	Date	Log
SBAC SHSH XAMBI XLESO	01.00	07-10-2015	First Edition
IBFB XLESO XAMBI	01.01	20-04-2016	Changes to discipline codes, added BTR. Changes are highlighted. Punction mark changed to dash (-)
LKTK XLESO IBFB SRDL	01.02	20-05-2022	Changes are highlighted from the preivous release

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Naming of model files

File type	Contract (3 characters)	Discipline	Hyphen mark		Hyphen mark	Location (6 characters)	Hyphen mark	Type	Hyphen mark	Theme	Hyphen mark	Serial number
M = Modelfile	BDK = Banedanmark XXX = Contract YYY = Consultant	A = Drainage B = Bridges C = Catenary D = Scada E = Power supply F = Utility G = Geotechnic H = Tracks I = Maps K = Structures and buildings L = Landscape M = Environment P = Platforms R = Signal (sikring) V = Roads U = Earthing/BPU X = General Z = Land acquisition	-	The first 2 characters in BTR no.	-	LLLLLL = Start stationing / kilometers or **Object no.** or XXXXXX = Tender package ID	-	0 = General 1 = Plan 2 = Front view 3 = Section 4 = Profile 5 = Detail 6 = Diagram 7 = Production 8 = 3D model 9 = Visualization - = Unspecified	-	AFV = Drainage, pipes & manholes AFS = Setting out APT = Accommodation / outfitting ARM = Reinforcement BAS = Basin BEL = Lighting BLG = Top dressing BOR = Drilling BRO = Bridge BYG = Building EKS = Existing EXP = Expropriation FAU = Fauna Passages FRP = Clearance Profile FOV= Routing GRK = Basis maps GVS = Ground water level INT = Interim INS = Installaton LIN = Alignment MTR = Cadastre OBG = Superstructure OPB = Break Up OPM = Survey PER = Platform KOR = Corridor Geometry SIG = Signal SKL = Boundary for ownership / contract limits SPU = Sheet piling SSM = Noise screen SOI = Sub Soil TIL = Filling soil TRF = Traffic regulation TUN = Tunnel TXT = Annotation SPA = Spoil Area RET = Retaining wall UBG = Substructure UDG = Excavation	-	001-999* or **Type of Utility** Axx = Sewage Exx = El Fxx = District heating Gxx = Gas Oxx = Oil Txx = Tele com. Vxx = Water XX is a serial number 01-99

Example:
MXXXH-02-250100-8-FRP-001 = Modelfile, Contract XXX, Tracks, BTR no., St. 250.100, 3D, Clearance Profile, Serial number
MYYYF-02-065200-1-EKS-G01 = Modelfile, Contract YYY, Utility, BTR no., St. 65.200, Plan, Existing utilities, gas utility owner no 1

*If the tender includes stages (stadier) the optional number 001-999, the two first cifres must describe the stage the model belongs to.
Example:
MXXXR-02-TPXX___-8-LIN-071 = Modelfile, Contract, Signal(sirkring), BTR no., Tender Package, 3D, Alignment_Stage + serial number

Naming of discipline data files

Alignment files (ALG/XML)

Contract (3 characters)	Hyphen mark	Location 1 (2 characters)	Hyphen mark	Location 2 (6 characters)	Hyphen mark	Discipline	Hyphen mark	Date
BDK = Banedanmark XXX = Contract YYY = Consultant	-	The first 2 characters in BTR no.	-	LLLLLL = Start chainage / kilometer or **Object no.**	-	A = Drainage B = Bridges C = Catenary D = Scada E = Power supply F = Utility G = Geotechnic H =Tracks I = Maps J = Soil Engineering K = Construction L = Landscape M = Environment P = Platforms R = Signal (sikring) V = Roads & Paths U = Earthing/BPU X = General Z = Expropriation	-	YYYYMMDD

Example:
XXX-02-003500-H-20150616.alg = Contract XXX, BTR no., station start 3.500, Track, date 2015.06.16

Geometry project

Contract (3 characters)	Hyphen mark	Location 1 (2 characters)	Hyphen mark	Location 2 (6 characters)	Hyphen mark	End of location (Optional)
BDK = Banedanmark XXX = Contract YYY = Consultant	-	The first 2 characters in BTR no.	-	LLLLLL = Start chainage / kilometer or Object no.	-	

Example:
XXX-02-003500 = Contract XXX, BTR no., station start 3+500

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Naming of discipline data files

Horizontal alignment

File	Hyphen mark	Status	Hyphen mark	Location 2 (6 characters)	Hyphen mark	Line/Alignment/Subject	Hyphen mark	Alternative
H = Horizontal	-	EX = Existing	-	LLLLLL = Start chainage / kilometer	-	RT = Right track	-	01-99
		PR = Design		or		LT = Left track		
				Object no.		Track number		
						PL = Platform		

Example:
H-PR-003500-RT-01 = Horizontal alignment, Design, station start 3.500, Right track, no 1

Vertical alignment and Cant

File	Hyphen mark	Status	Hyphen mark	Locality 2 (6 characters)	Hyphen mark	Track	Hyphen mark	Alternative
V = Vertical	-	EX = Existing	-	LLLLLL = Start chainage / kilometer	-	RT = Right track	-	01-99
C = Cant		PR = Design		or		LT = Left track		
				Object no.		Track number		
						PL = Platform		

Example:
V-EX-003500-RT-01 = Vertical alignment, Exsisting, station start 3.500, Right track, no 1

Turnout

File	Hyphen mark	Status	Hyphen mark	Turnout name	Hyphen mark	Track
T = Turnout	-	EX = Existing	-	From TekData	-	RT = Right track
		PR = Design				LT = Left track
						Track number

Example:
T-PR-XXXX-RT = Turnout, Design, Turnout name 10, Right track

Surface files (DTM/XML)

Status	Hyphen mark	Contract (3 characters)	Hyphen mark	Discipline	Hyphen mark	Location 1 (2 characters)	Hyphen mark	Location 2 (6 characters)	Hyphen mark	Theme	Number (Optional)
EX = Existing / AsBuilt		BDK = Banedanmark		A = Drainage		The first 2 characters in BTR no.		LLLLLL = Start chainage / kilometer		AFV = Drainage	
PR = Project /design		XXX = Contract		B = Bridges						BAL = Top Ballast	
		YYY = Consultant		C = Catenary				or		BAS = Basin	
				D = Scada						BBL = Bottom ballast	
				E = Power supply				**Object no.**		BRO = Bridge	
				F = Utility						FAU = Fauna Passages	
				G = Geotechnic						FRP = Clearance Profile	
				H = Tracks						GVS = Ground water level	
				I = Maps						MRJ = Top soil (botton)	
-	-		-	K = Structures and buildings	-		-		-	PER = Platform	'01-99
				L = Landscape						RJP = Formation level (Track bed)	
				M = Environment						SOI = Sub Soil	
				P = Platforms						SPA = Spoil Area	
				R = Signal (sikring)						TER = Terrain	
				V = Roads						TIL = Filling soil	
				U = Earthing/BPU						TUN = Tunnel	
				X = General						UBL= Subballast	
				Z = Land acquisition						UDG = Excavation	

The version shall be register in the files properties i the field "Subject".

Example:
PR-XXX-R-02-003500-SOI-01.dtm = Design, Contract XXX, Signal(sikring), BTR no., station start 3.500, no 1

Naming of assembly files

Assembly files

File type	Contract (3 characters)	Phase	Hyphen mark	Location 1 (2 characters)	Hyphen mark	Location 2 (6 characters)	Hyphen mark	Type	Punctuation mark	Serial number (optional)
F=Assembly	BDK = Banedanmark XXX = Contract YYY = Consultant	A = Conceptual design B = Program / Scope C = Basic design D = Detailed design E = For construction F = As-built	-	The first 2 characters in BTR no.	-	LLLLLL = Start chainage / kilometer or **Object no.**	-	0 = General 1 = Plan 2 = Front view 3 = Section 4 = Profile 5 = Detail 6 = Diagram 8 = 3D model 9 = Visualization - = Unspecified	-	001-999

Example:

IXXXB-02-004500-8-001 = Interdisciplinary, Contract XXX, Program/Scope, BTR no., station start 4.500, 3D model, no 1

IYYYA-02-003500-8-001 = Interdisciplinary, Contract YYY, Conceptual design, BTR no., station start 3.500, 3D model, no 1

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