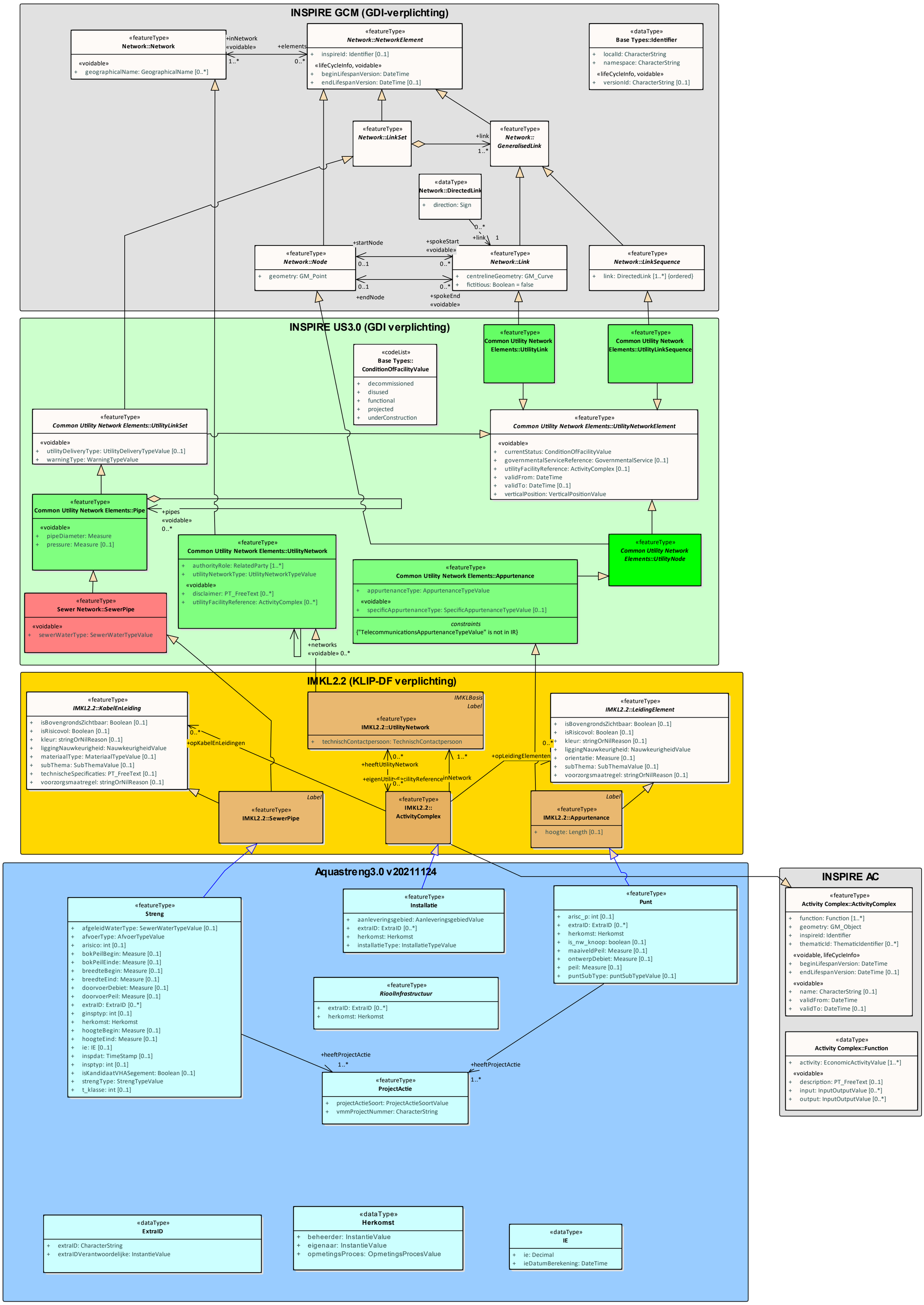
INSPIRE GCM (GDI-verplichting)
«featureType» Network::Network
«voidable»
+ geographicalName: GeographicalName [0..*]
+inNetwork
«voidable»
1..*
+elements
0..*
«featureType» Network::NetworkElement
+ inspireId: Identifier [0..1]
«lifeCycleInfo, voidable»
+ beginLifespanVersion: DateTime
+ endLifespanVersion: DateTime [0..1]
«dataType» Base Types::Identifier
+ localId: CharacterString
+ namespace: CharacterString
«lifeCycleInfo, voidable»
+ versionId: CharacterString [0..1]
«featureType» Network::LinkSet
+link
1..*
«featureType» Network::GeneralisedLink
«dataType» Network::DirectedLink
+ direction: Sign
0..*
+link
1
+startNode
0..1
0..*
+spokeStart
«voidable»
«featureType» Network::Node
+ geometry: GM_Point
«featureType» Network::Link
+ centrelineGeometry: GM_Curve
+ fictitious: Boolean = false
«featureType» Network::LinkSequence
+ link: DirectedLink [1..*] {ordered}
0..1
0..*
+endNode
+spokeEnd
«voidable»
INSPIRE US3.0 (GDI verplichting)
«featureType» Common Utility Network Elements::UtilityLink
«featureType» Common Utility Network Elements::UtilityLinkSequence
«codeList» Base Types:: ConditionOfFacilityValue
+ decommissioned
+ disused
+ functional
+ projected
+ underConstruction
«featureType» Common Utility Network Elements::UtilityLinkSet
«voidable»
+ utilityDeliveryType: UtilityDeliveryTypeValue [0..1]
+ warningType: WarningTypeValue
«featureType» Common Utility Network Elements::UtilityNetworkElement
«voidable»
+ currentStatus: ConditionOfFacilityValue
+ governmentalServiceReference: GovernmentalService [0..1]
+ utilityFacilityReference: ActivityComplex [0..1]
+ validFrom: DateTime
+ validTo: DateTime [0..1]
+ verticalPosition: VerticalPositionValue
«featureType» Common Utility Network Elements::Pipe
«voidable»
+ pipeDiameter: Measure
+ pressure: Measure [0..1]
+pipes
«voidable»
0..*
«featureType» Common Utility Network Elements::UtilityNetwork
+ authorityRole: RelatedParty [1..*]
+ utilityNetworkType: UtilityNetworkTypeValue
«voidable»
+ disclaimer: PT_FreeText [0..*]
+ utilityFacilityReference: ActivityComplex [0..*]
«featureType» Common Utility Network Elements::Appurtenance
+ appurtenanceType: AppurtenanceTypeValue
«voidable»
+ specificAppurtenanceType: SpecificAppurtenanceTypeValue [0..1]
constraints
{"TelecommunicationsAppurtenanceTypeValue" is not in IR}
«featureType» Common Utility Network Elements::UtilityNode
«featureType» Sewer Network::SewerPipe
«voidable»
+ sewerWaterType: SewerWaterTypeValue
+networks
«voidable» 0..*
IMKL2.2 (KLIP-DF verplichting)
«featureType» IMKL2.2::KabelEnLeiding
+ isBovengrondsZichtbaar: Boolean [0..1]
+ isRisicovol: Boolean [0..1]
+ kleur: stringOrNilReason [0..1]
+ liggingNauwkeurigheid: NauwkeurigheidValue
+ materiaalType: MateriaalTypeValue [0..1]
+ subThema: SubThemaValue [0..1]
+ technischeSpecificaties: PT_FreeText [0..1]
+ voorzorgsmaatregel: stringOrNilReason [0..1]
0..*
+opKabelEnLeidingen
IMKLBasis
Label
«featureType» IMKL2.2::UtilityNetwork
+ technischContactpersoon: TechnischContactpersoon
0..*
+heeftUtilityNetwork
1..*
+opLeidingElementen
0..*
+eigenUtilityFacilityReference
0..*
inNetwork
«featureType» IMKL2.2::LeidingElement
+ isBovengrondsZichtbaar: Boolean [0..1]
+ isRisicovol: Boolean [0..1]
+ kleur: stringOrNilReason [0..1]
+ liggingNauwkeurigheid: NauwkeurigheidValue
+ orientatie: Measure [0..1]
+ subThema: SubThemaValue [0..1]
+ voorzorgsmaatregel: stringOrNilReason [0..1]
Label
«featureType» IMKL2.2::SewerPipe
«featureType» IMKL2.2:: ActivityComplex
Label
«featureType» IMKL2.2::Appurtenance
+ hoogte: Length [0..1]
Aquastreng3.0 v20211124
«featureType» Streng
+ afgeleidWaterType: SewerWaterTypeValue [0..1]
+ afvoerType: AfvoerTypeValue
+ arisico: int [0..1]
+ bokPeilBegin: Measure [0..1]
+ bokPeilEinde: Measure [0..1]
+ breedteBegin: Measure [0..1]
+ breedteEind: Measure [0..1]
+ doorvoerDebiet: Measure [0..1]
+ doorvoerPeil: Measure [0..1]
+ extraID: ExtraID [0..*]
+ ginsptyp: int [0..1]
+ herkomst: Herkomst
+ hoogteBegin: Measure [0..1]
+ hoogteEind: Measure [0..1]
+ ie: IE [0..1]
+ inspdat: TimeStamp [0..1]
+ insptyp: int [0..1]
+ isKandidaatVHASegement: Boolean [0..1]
+ strengType: StrengTypeValue
+ t_klasse: int [0..1]
«featureType» Installatie
+ aanleveringsgebied: AanleveringsgebiedValue
+ extraID: ExtraID [0..*]
+ herkomst: Herkomst
+ installatieType: InstallatieTypeValue
«featureType» RioolInfrastructuur
+ extraID: ExtraID [0..*]
+ herkomst: Herkomst
«featureType» Punt
+ arisc_p: int [0..1]
+ extraID: ExtraID [0..*]
+ herkomst: Herkomst
+ is_nw_knoop: boolean [0..1]
+ maaiveldPeil: Measure [0..1]
+ ontwerpDebiet: Measure [0..1]
+ peil: Measure [0..1]
+ puntSubType: puntSubTypeValue [0..1]
+heeftProjectActie
1..*
+heeftProjectActie
1..*
«featureType» ProjectActie
+ projectActieSoort: ProjectActieSoortValue
+ vmmProjectNummer: CharacterString
«dataType» ExtraID
+ extraID: CharacterString
+ extraIDVerantwoordelijke: InstantieValue
«dataType» Herkomst
+ beheerder: InstantieValue
+ eigenaar: InstantieValue
+ opmetingsProces: OpmetingsProcesValue
«dataType» IE
+ ie: Decimal
+ ieDatumBerekening: DateTime
INSPIRE AC
«featureType» Activity Complex::ActivityComplex
+ function: Function [1..*]
+ geometry: GM_Object
+ inspireId: Identifier
+ thematicId: ThematicIdentifier [0..*]
«voidable, lifeCycleInfo»
+ beginLifespanVersion: DateTime
+ endLifespanVersion: DateTime [0..1]
«voidable»
+ name: CharacterString [0..1]
+ validFrom: DateTime
+ validTo: DateTime [0..1]
«dataType» Activity Complex::Function
+ activity: EconomicActivityValue [1..*]
«voidable»
+ description: PT_FreeText [0..1]
+ input: InputOutputValue [0..*]
+ output: InputOutputValue [0..*]