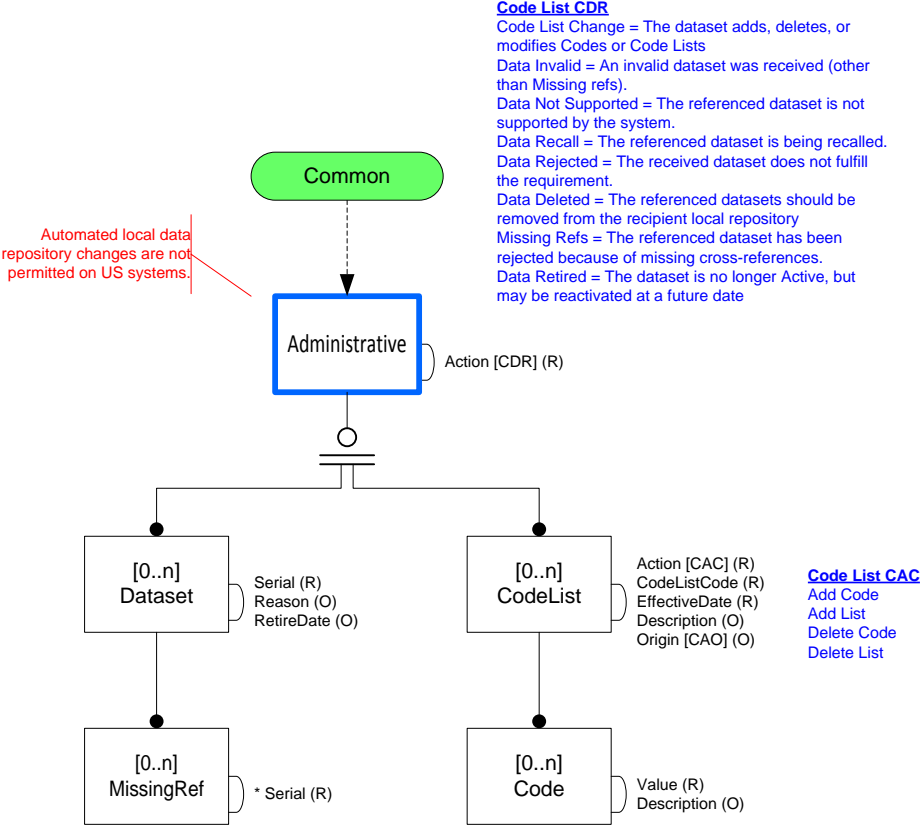
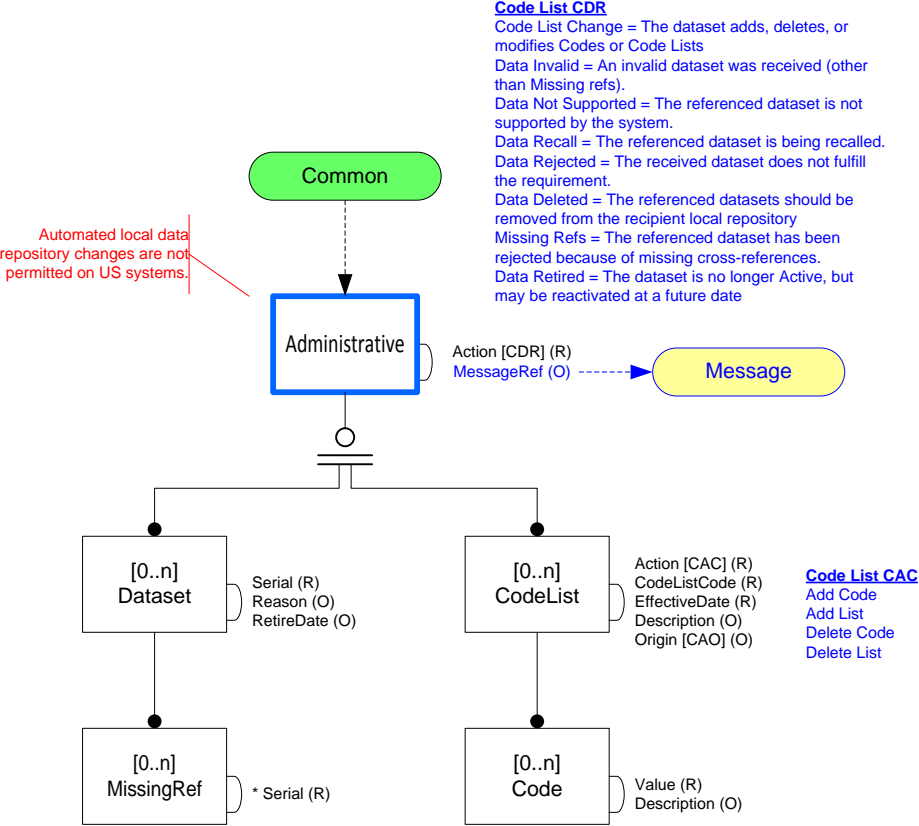
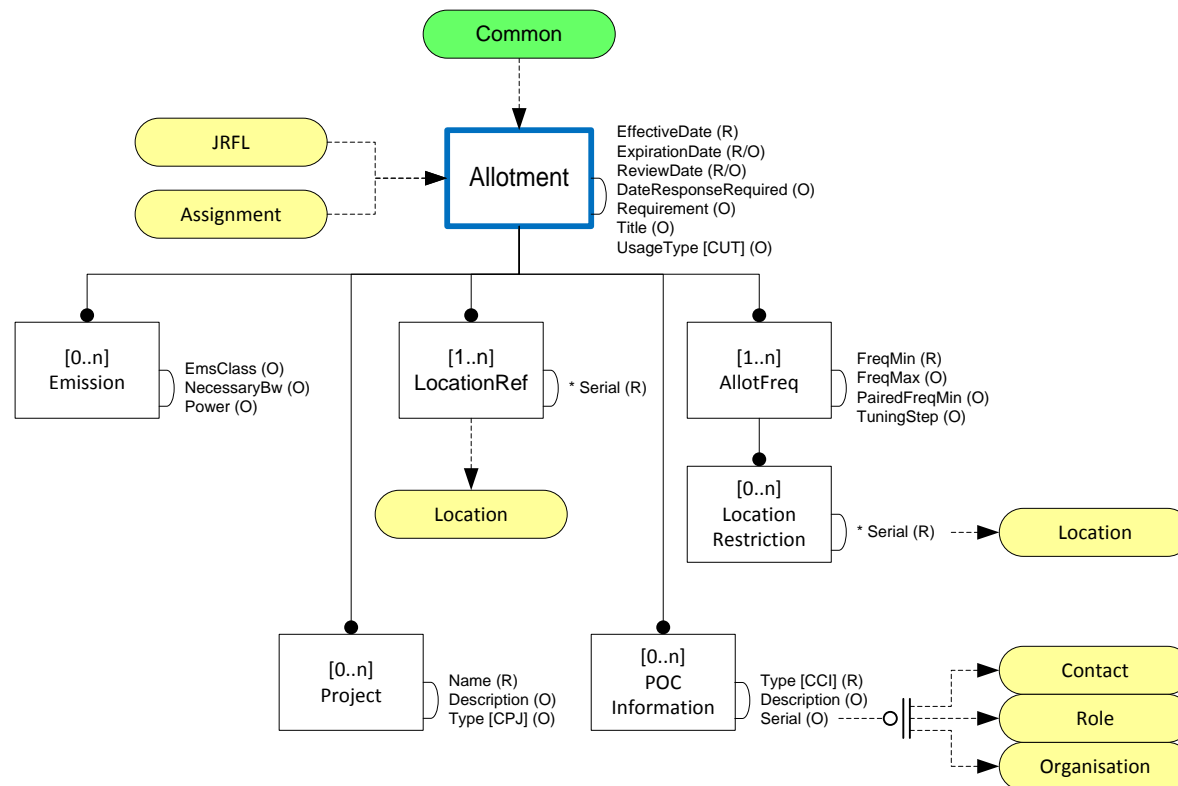


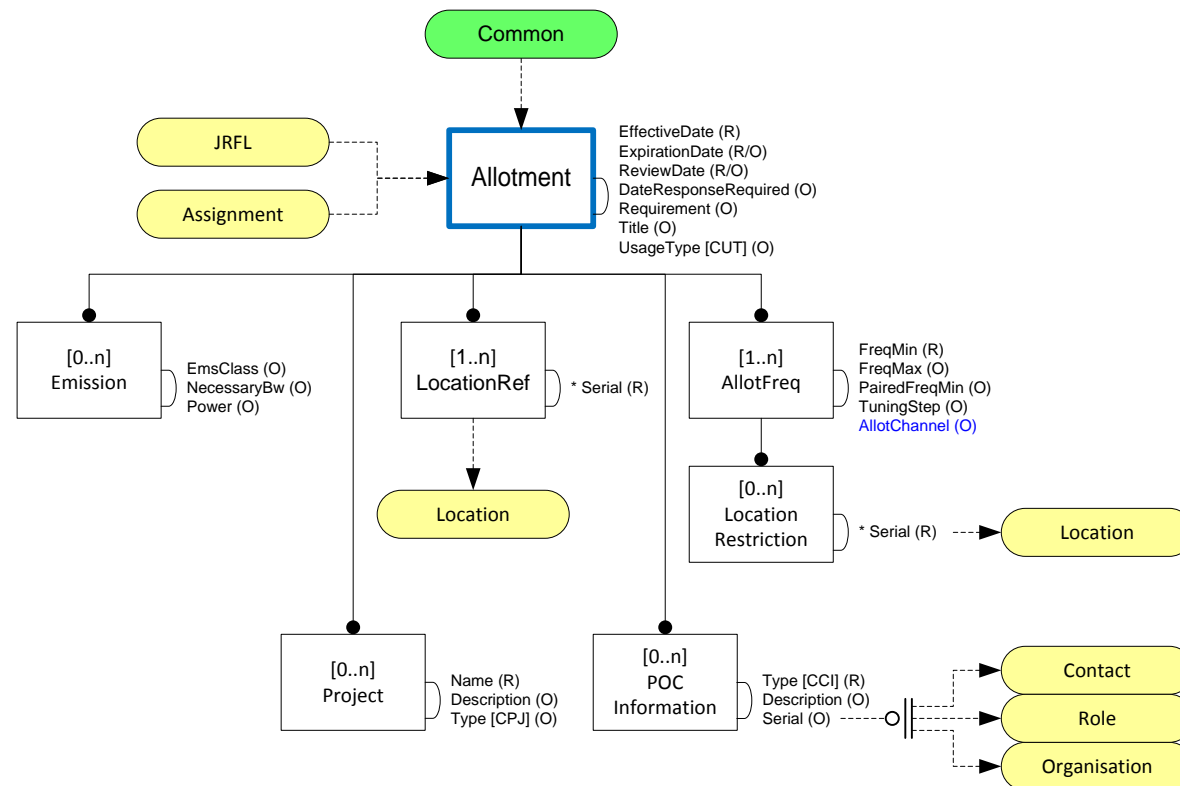
Standard Spectrum Resource Format (SSRF) v3.0.0 and v3.1.0 (MC4EB Pub 8) Data Diagrams

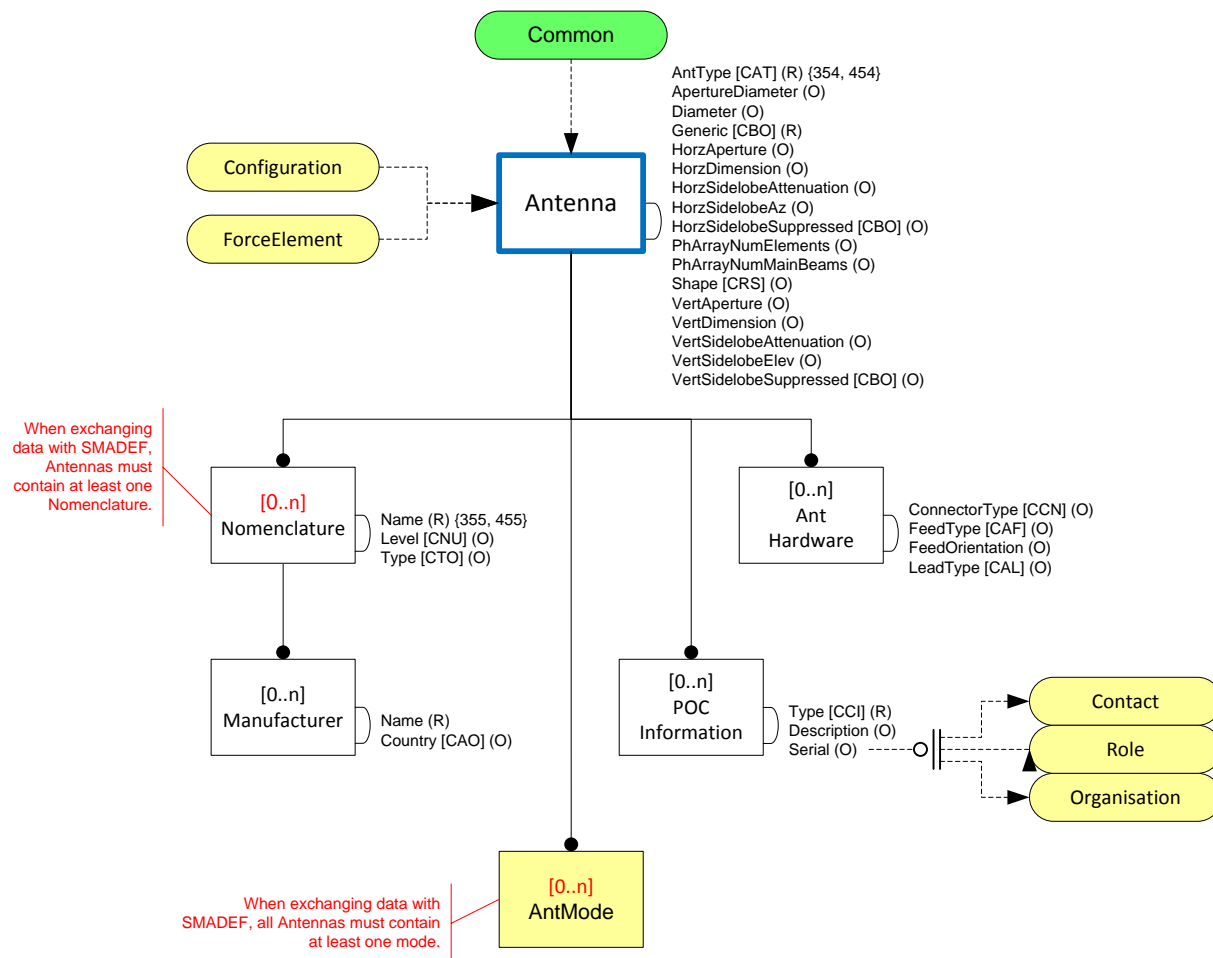
| <u>Dataset</u> | <u>Page</u> | <u>Dataset</u> | <u>Page</u> | <u>Dataset</u> | <u>Page</u> |
|-------------------------------------------------|-------------|---------------------------------------------|-------------|---------------------------------------------|-------------|
| Contents | 1 | EW Loadset (US) v3.1 | 25 | Receiver Mode | 37 |
| Administrative | 2 | EW Loadset (US) Full | 26 | Receiver Mode v3.1 | 38 |
| Administrative v3.1 | 3 | EW Loadset (US) RFSys | 27 | RF System | 39 |
| Allotment | 4 | EW Loadset (US) RadPlan | 28 | RF System v3.1 | 40 |
| Allotment v3.1 | 5 | EW Radiation Plan (US) v3.1 | 33 | Role | 41 |
| Antenna | 6 | EW Radiation Plan (US) Full | 34 | Satellite | 42 |
| Antenna v3.1 | 7 | Force Deployment | 19 | Satellite v3.1 | 43 |
| Antenna Mode | 8 | Force Element | 20 | SSReply | 44 |
| Antenna Mode v3.1 | 9 | Force Element v3.1 | 21 | SSReply v3.1 | 45 |
| Assignment & Note (US) | 10 | Interference Report | 22 | SSRequest | 46 |
| Assignment v3.1 & Note (US) | 11 | JRFL | 23 | SSRequest v3.1 | 47 |
| Common | 12 | Link | 24 | Station | 48 |
| Common v3.1 | 13 | Location | 29 | Station v3.1 | 49 |
| Configuration | 14 | Message (US) v3.1 | 30 | TOA & Channel Plan | 50 |
| Configuration v3.1 | 15 | Message (US) Full | 31 | TOA v3.1 & Channel Plan | 51 |
| Contact | 16 | Organisation | 32 | Transmitter | 52 |
| External Reference | 17 | Receiver | 35 | Transmitter v3.1 | 53 |
| External Reference v3.1 | 18 | Receiver v3.1 | 36 | Transmitter Mode | 54 |
| | | | | Transmitter Mode v3.1 | 55 |
| | | | | Standard Attributes | 56 |

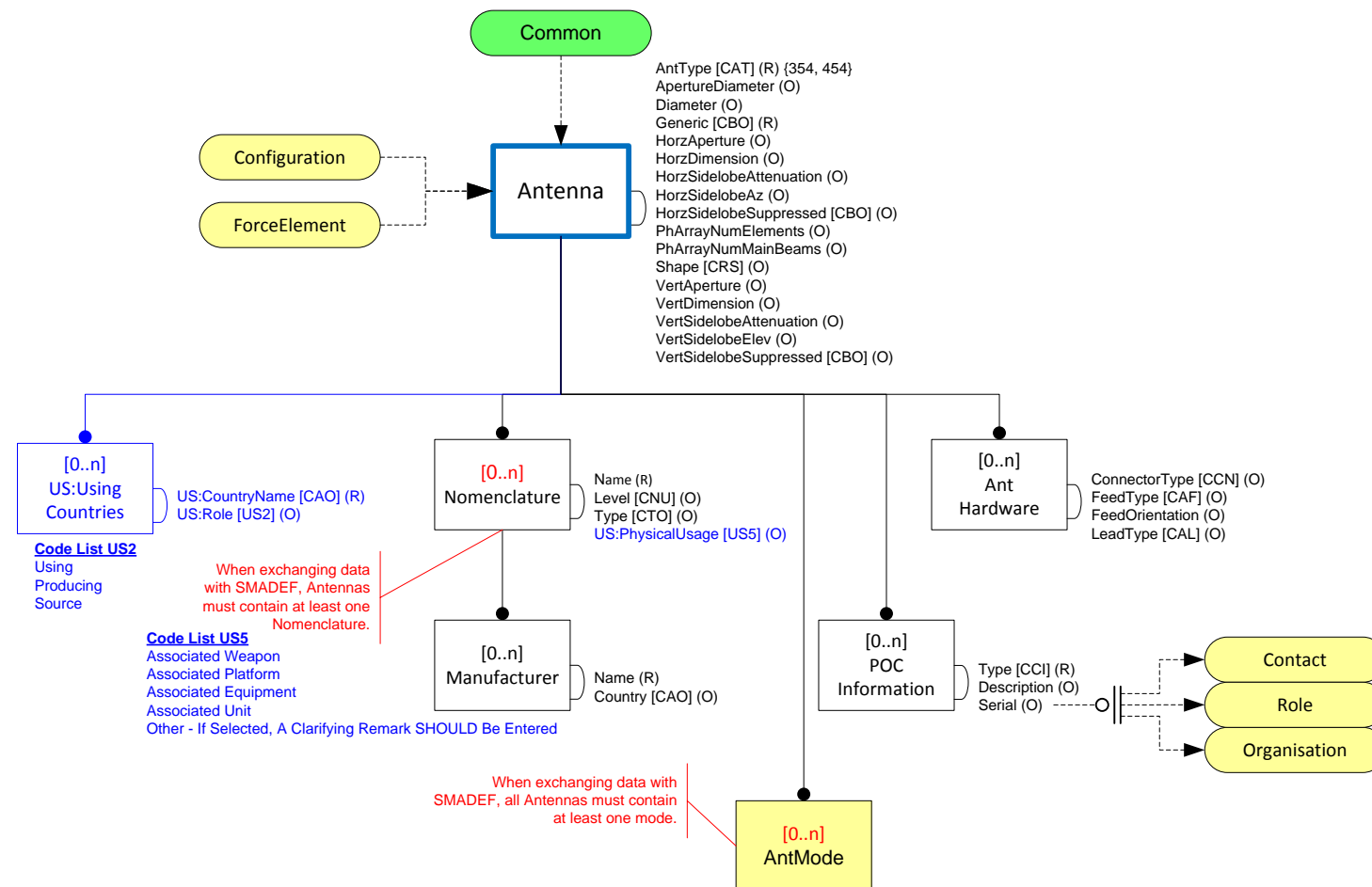


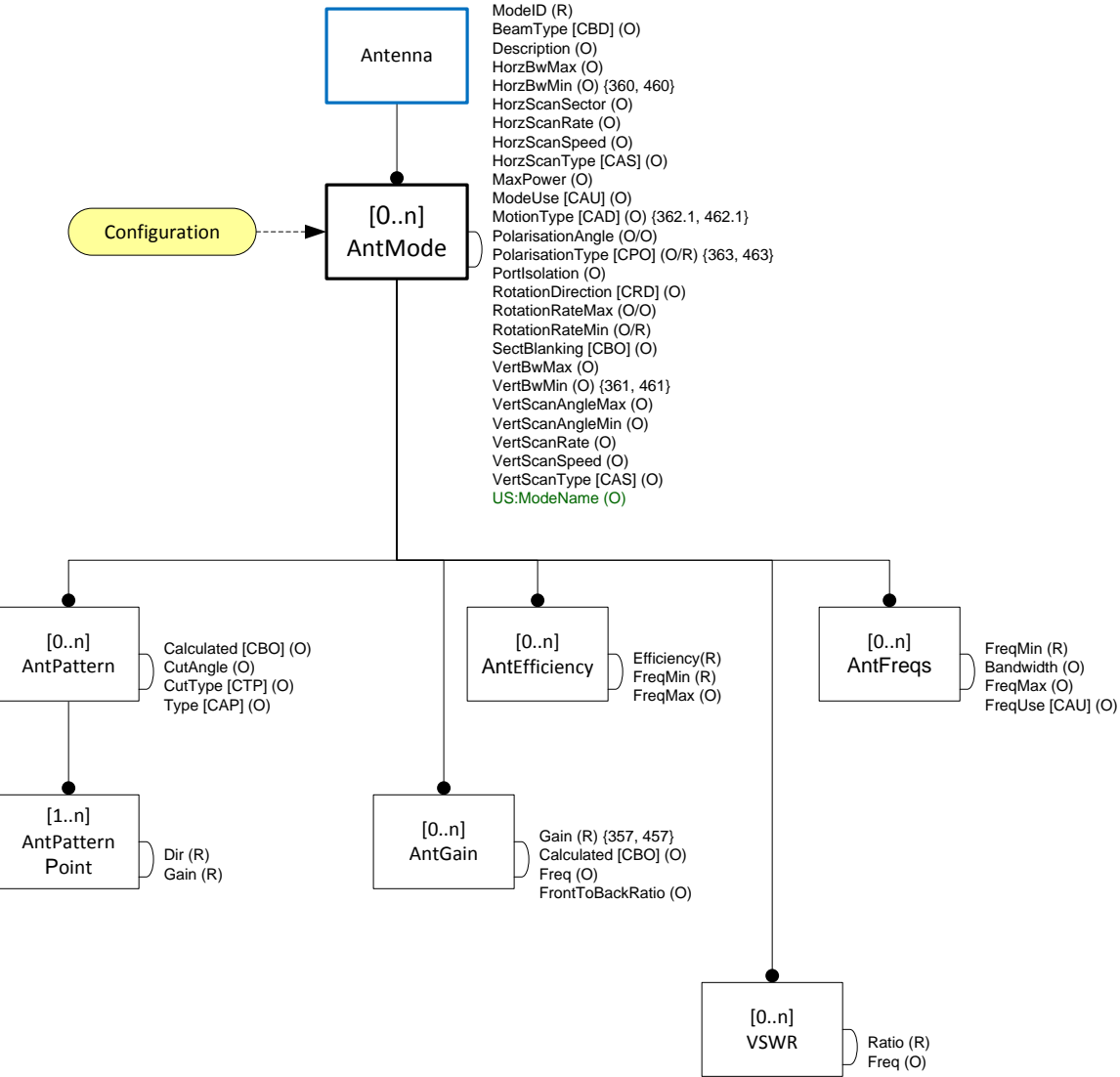


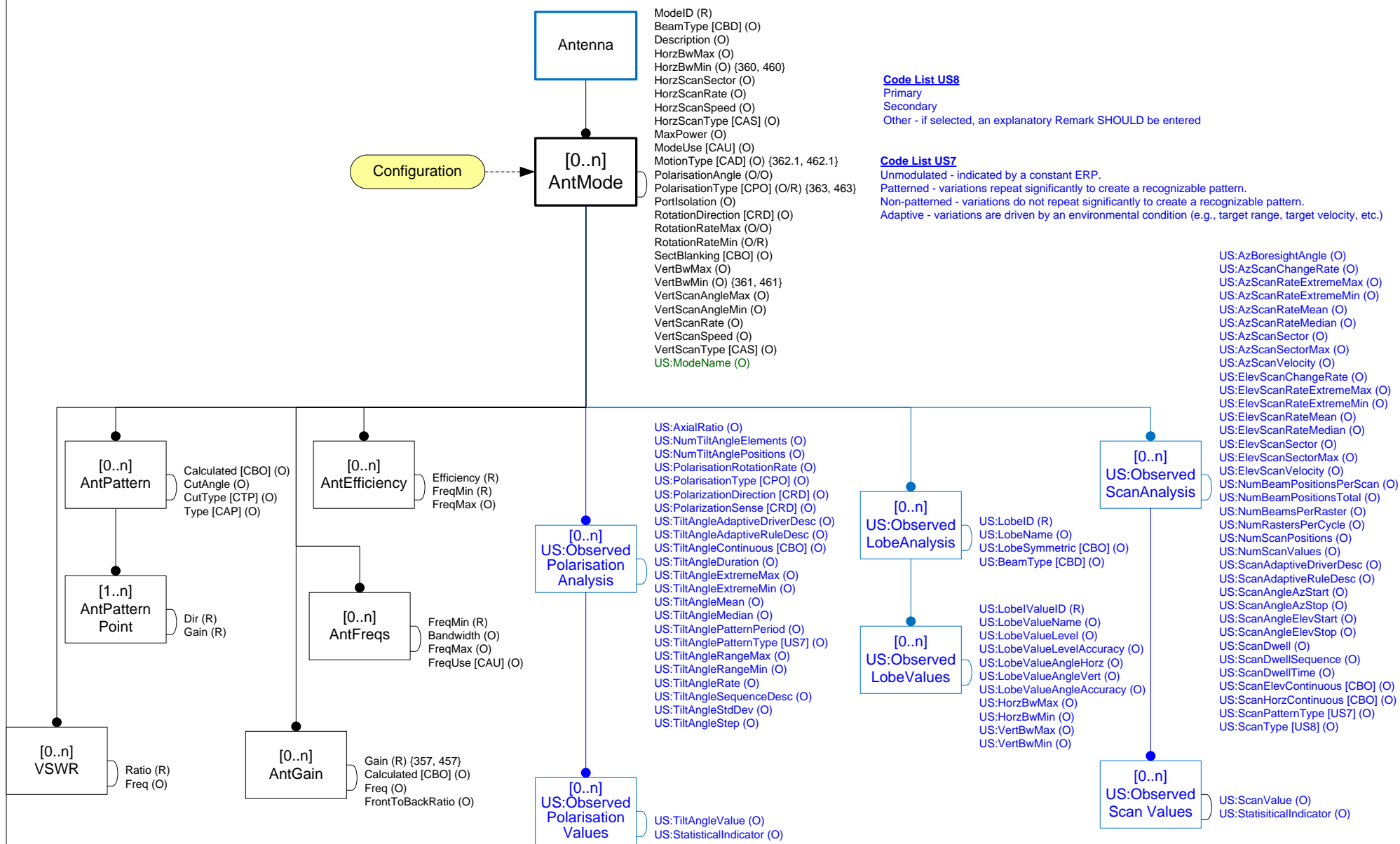










**Code List US8**

Primary

Secondary

Other - if selected, an explanatory Remark SHOULD be entered

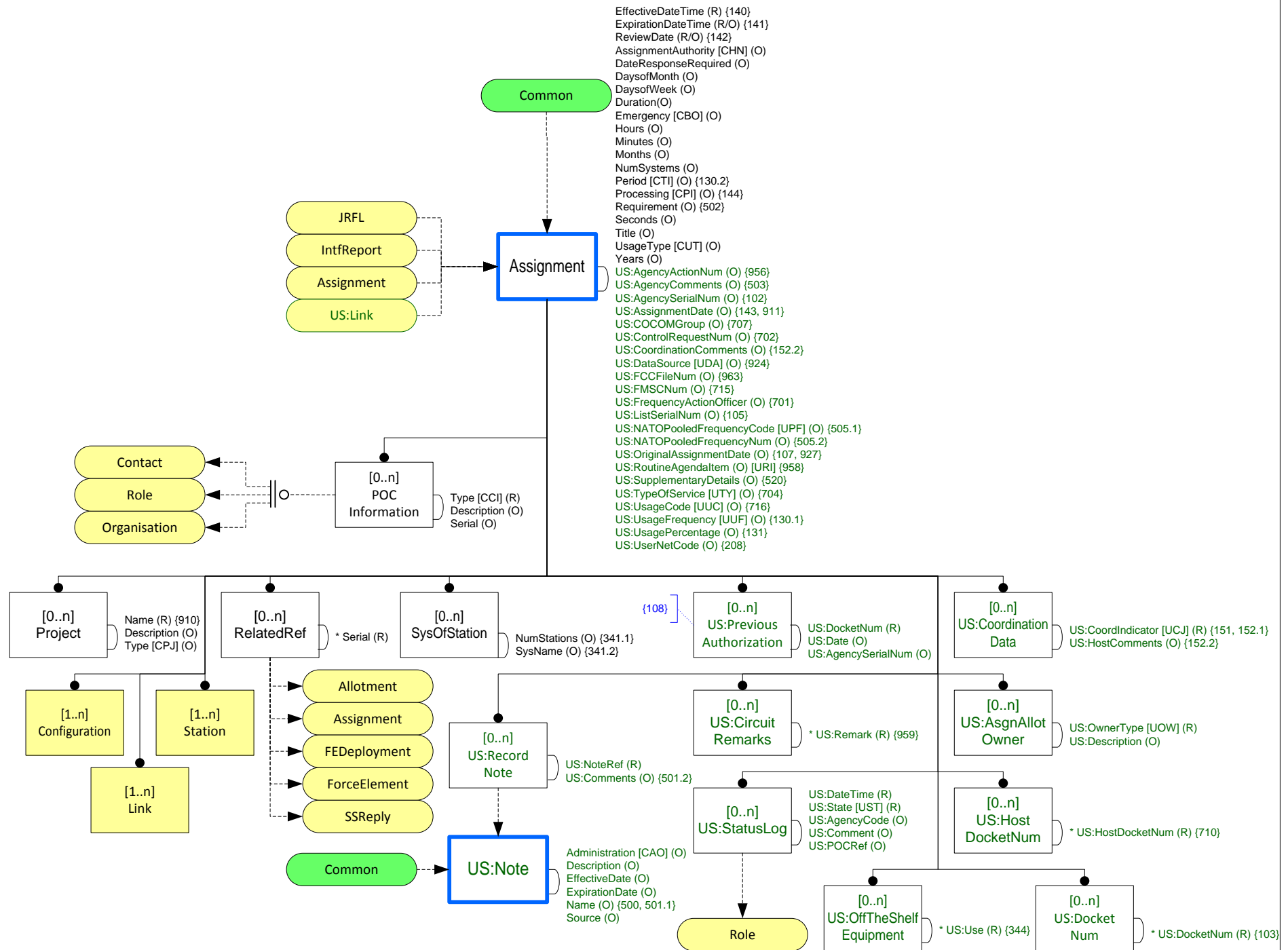
Code List US7

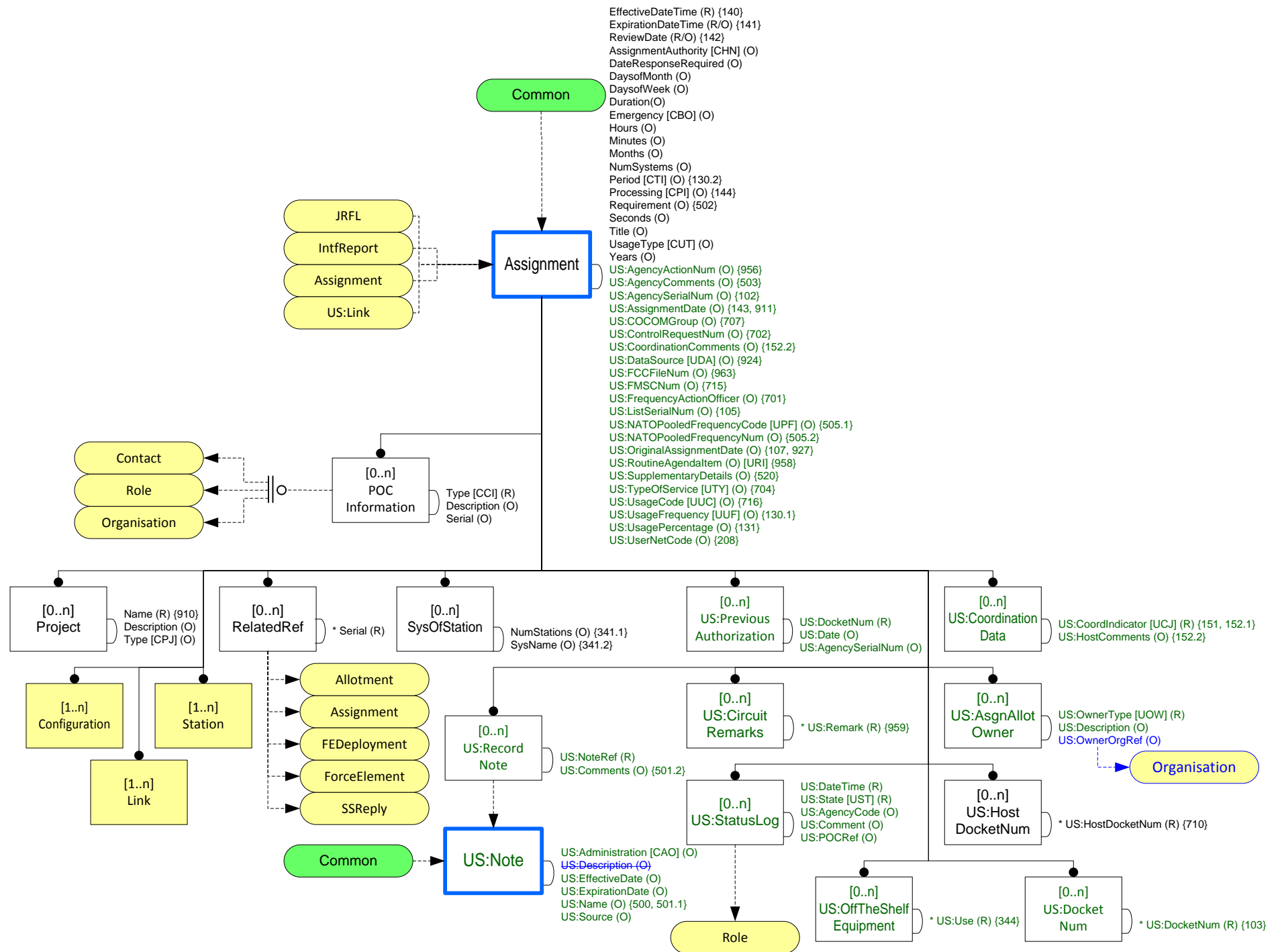
Unmodulated - indicated by a constant ERP.

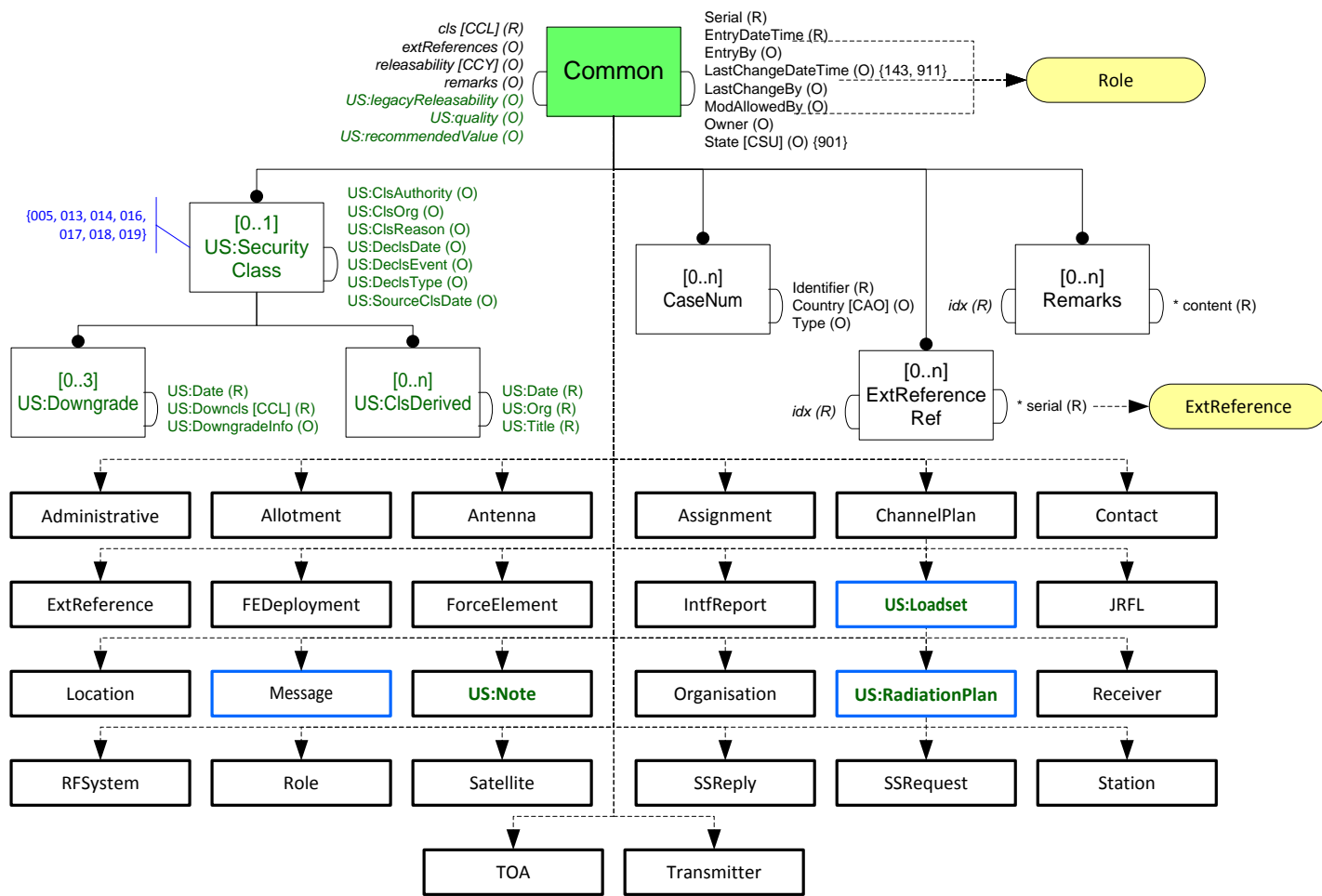
Patterned - variations repeat significantly to create a recognizable pattern.

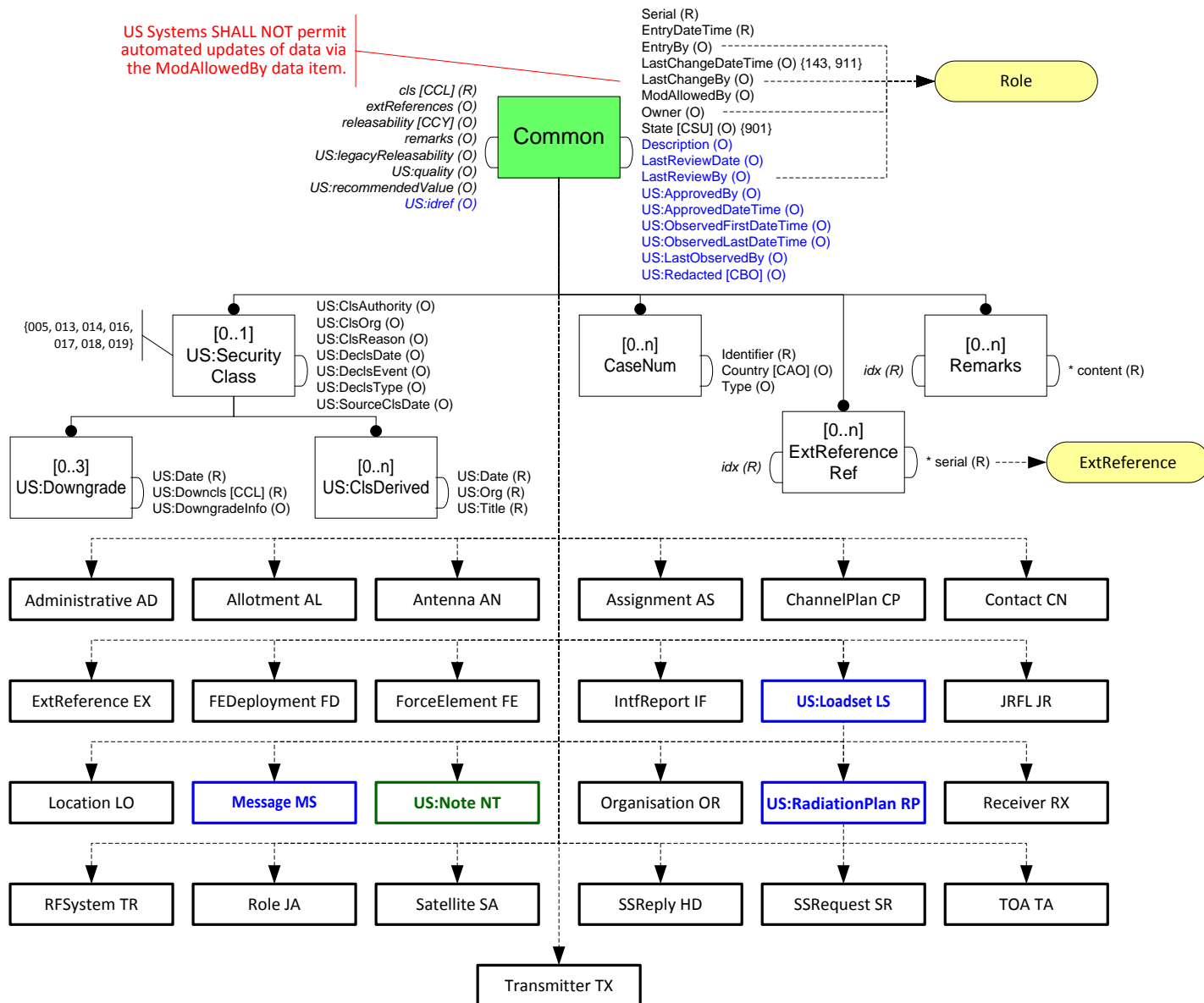
Non-patterned - variations do not repeat significantly to create a recognizable pattern.

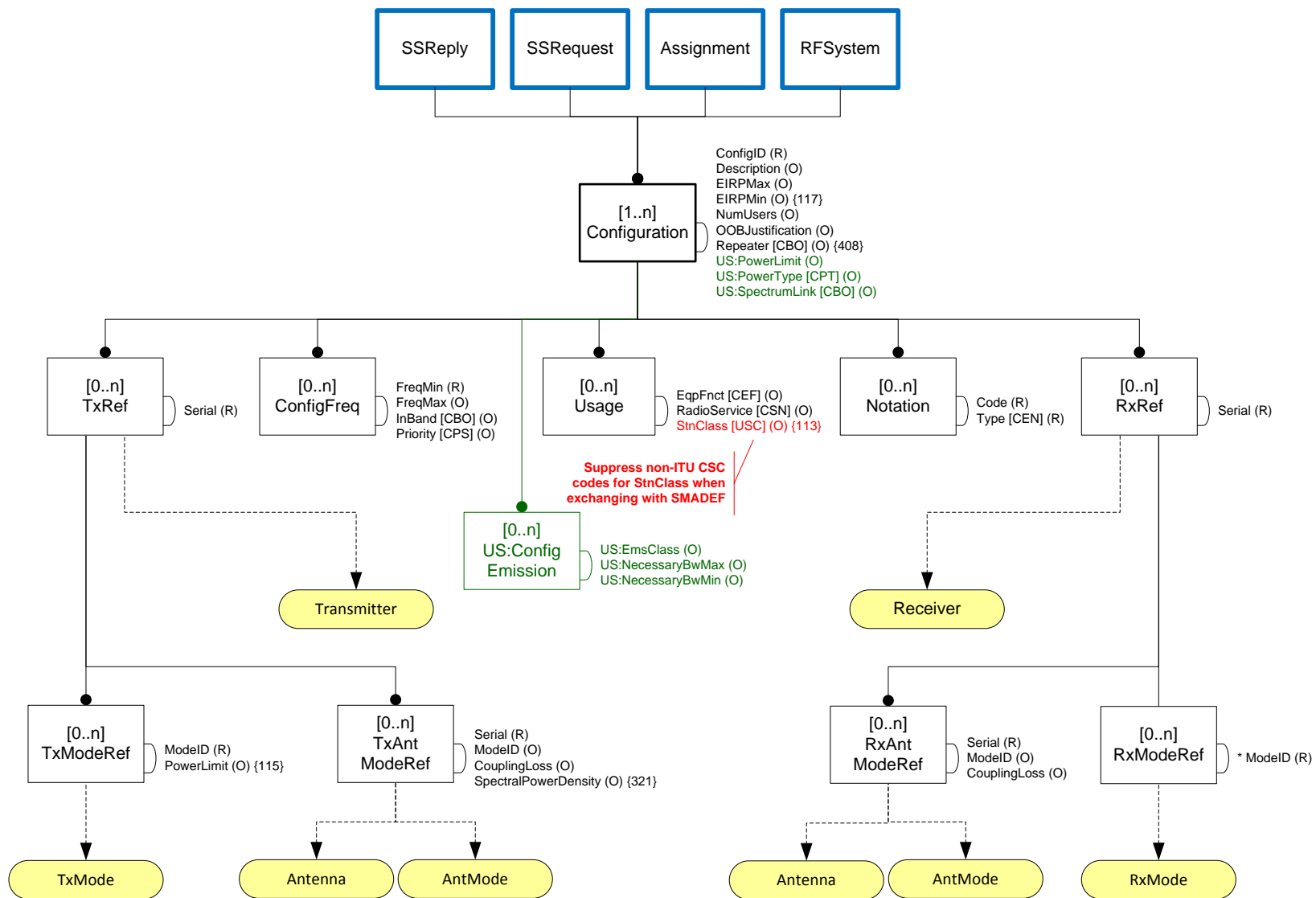
Adaptive - variations are driven by an environmental condition (e.g., target range, target velocity, etc.)

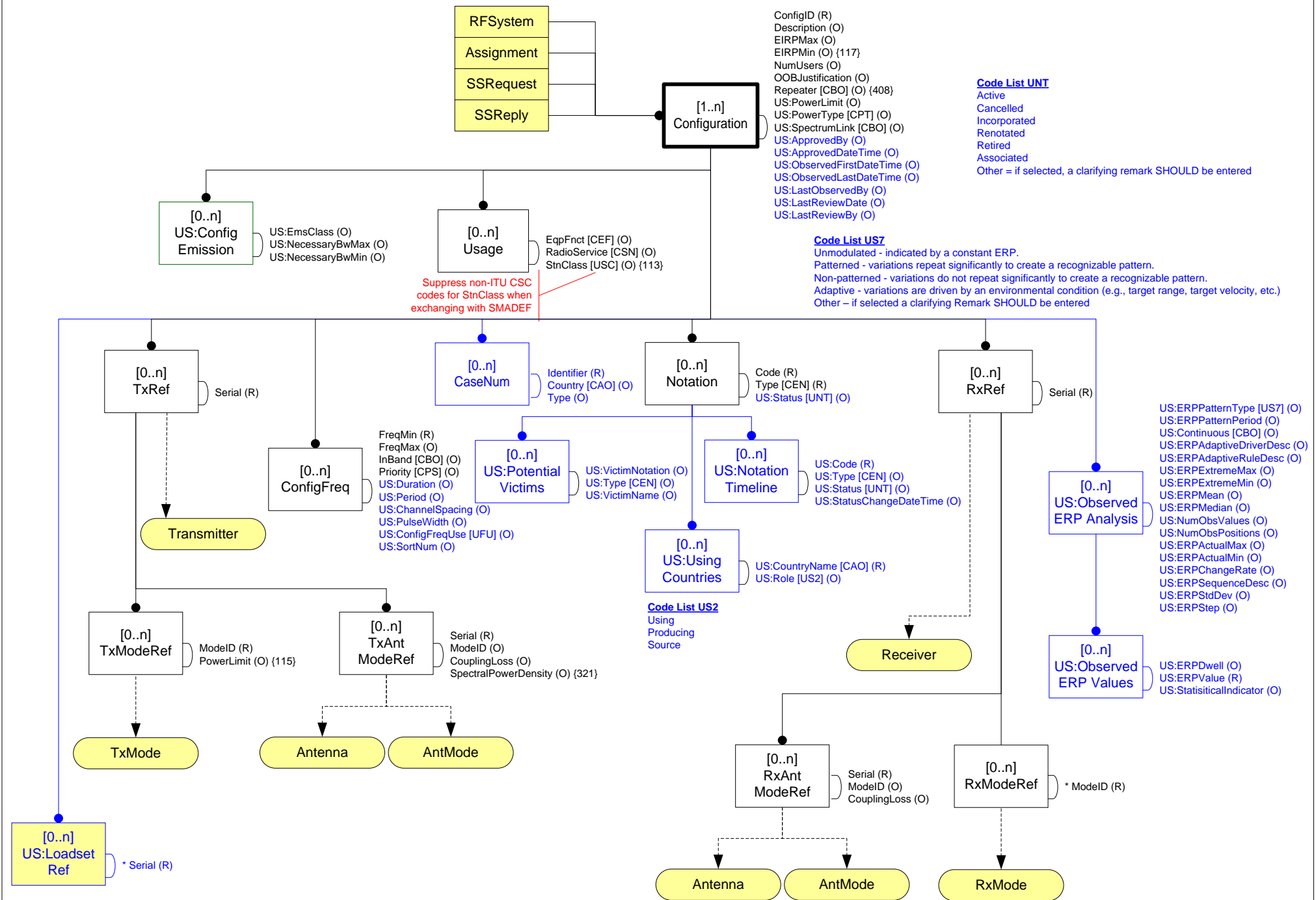


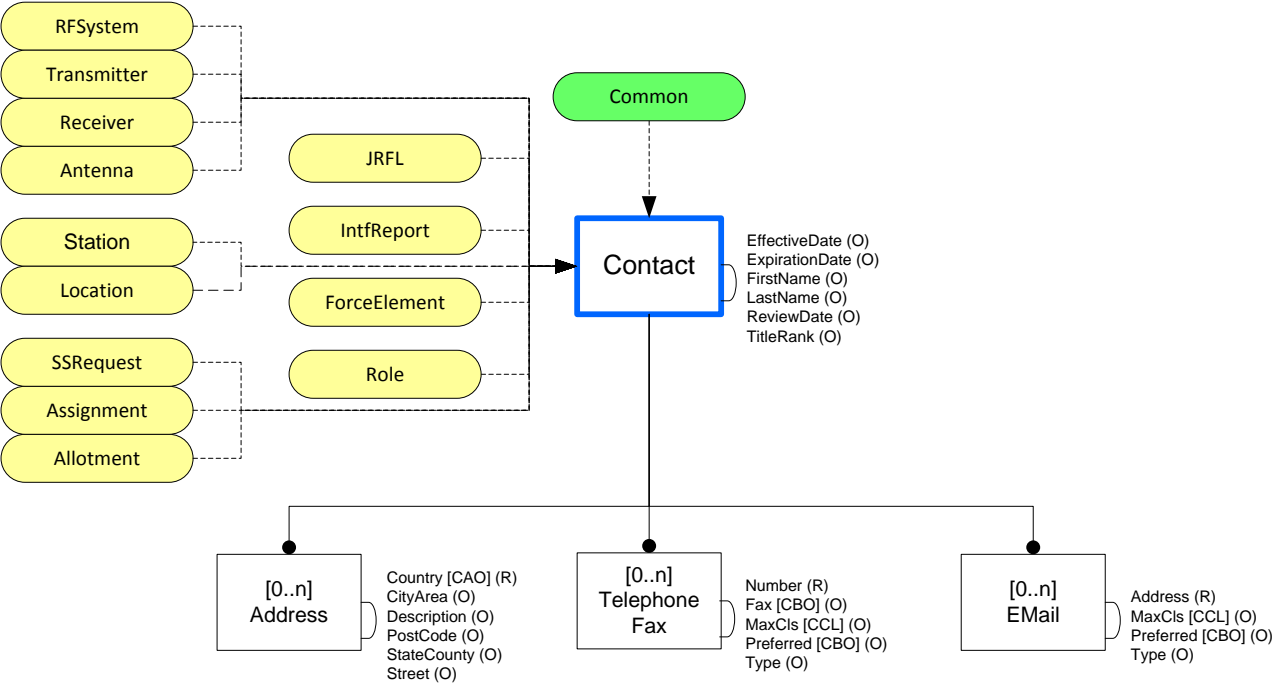


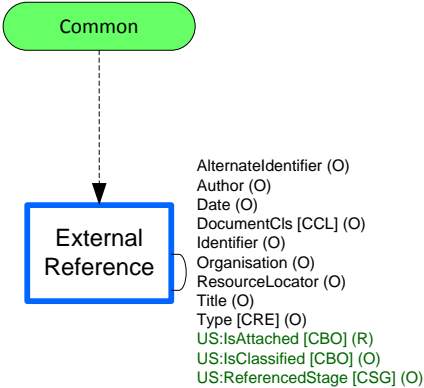


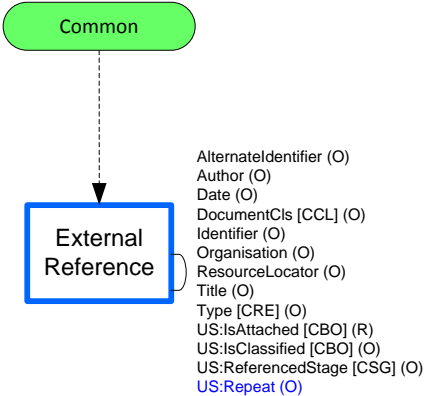


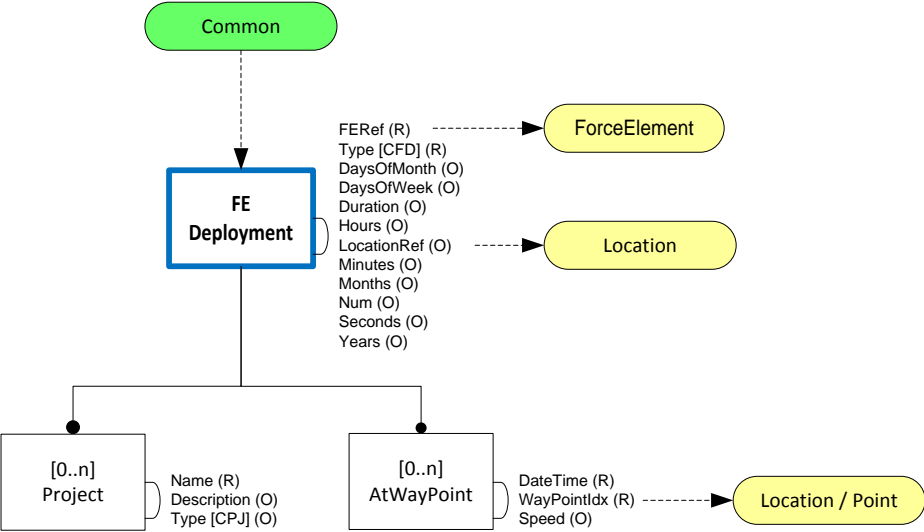


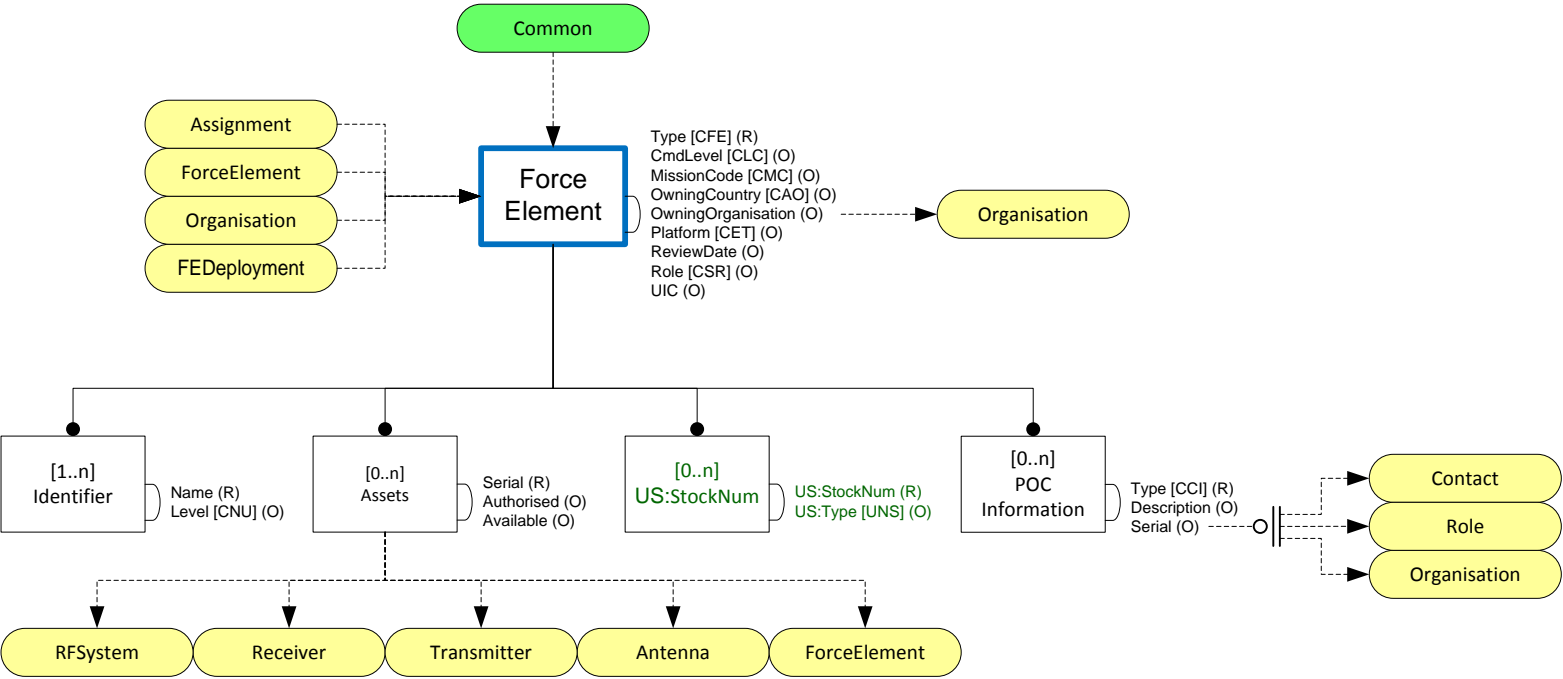


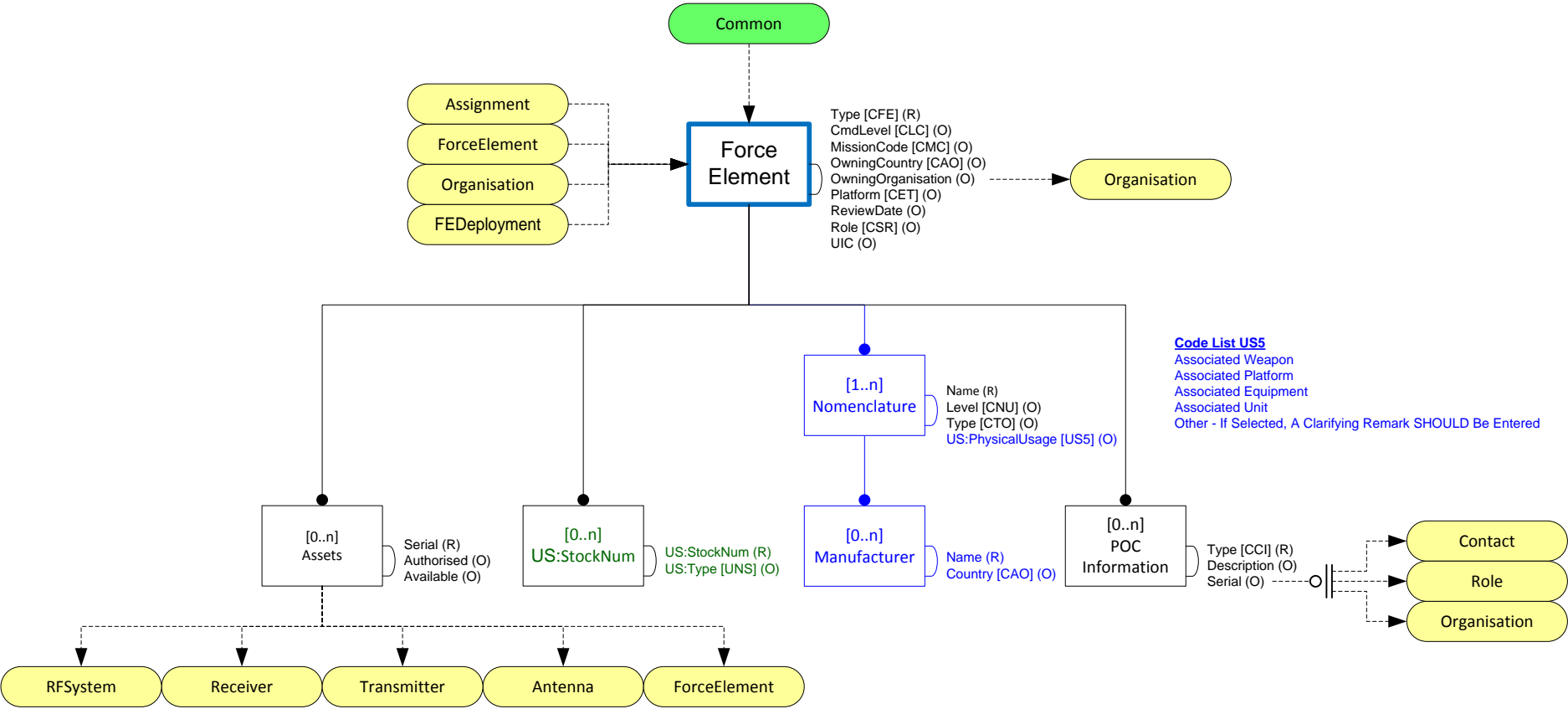


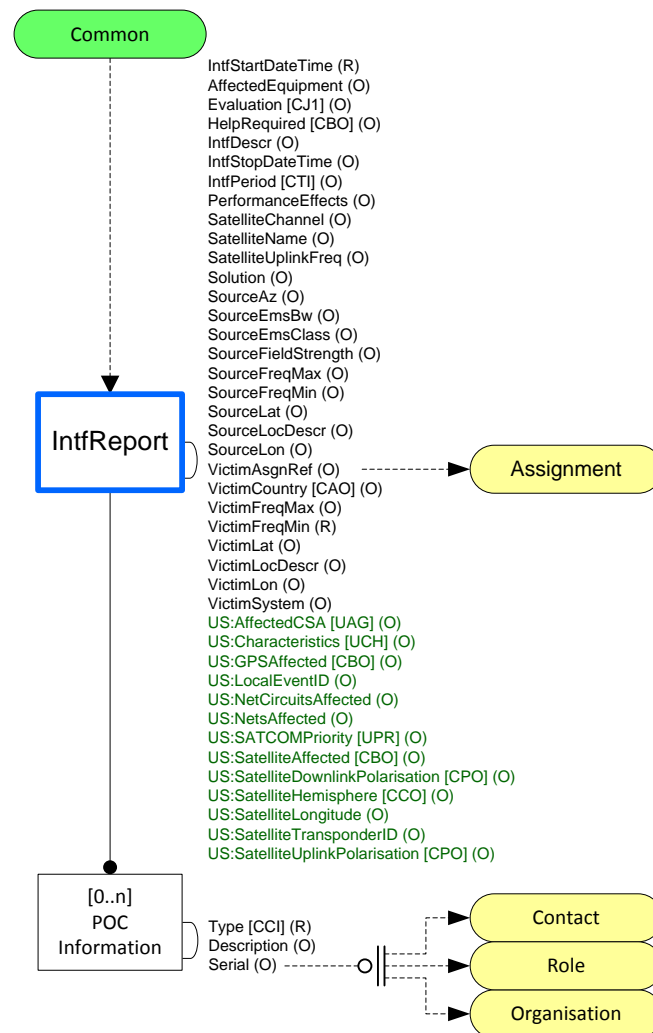


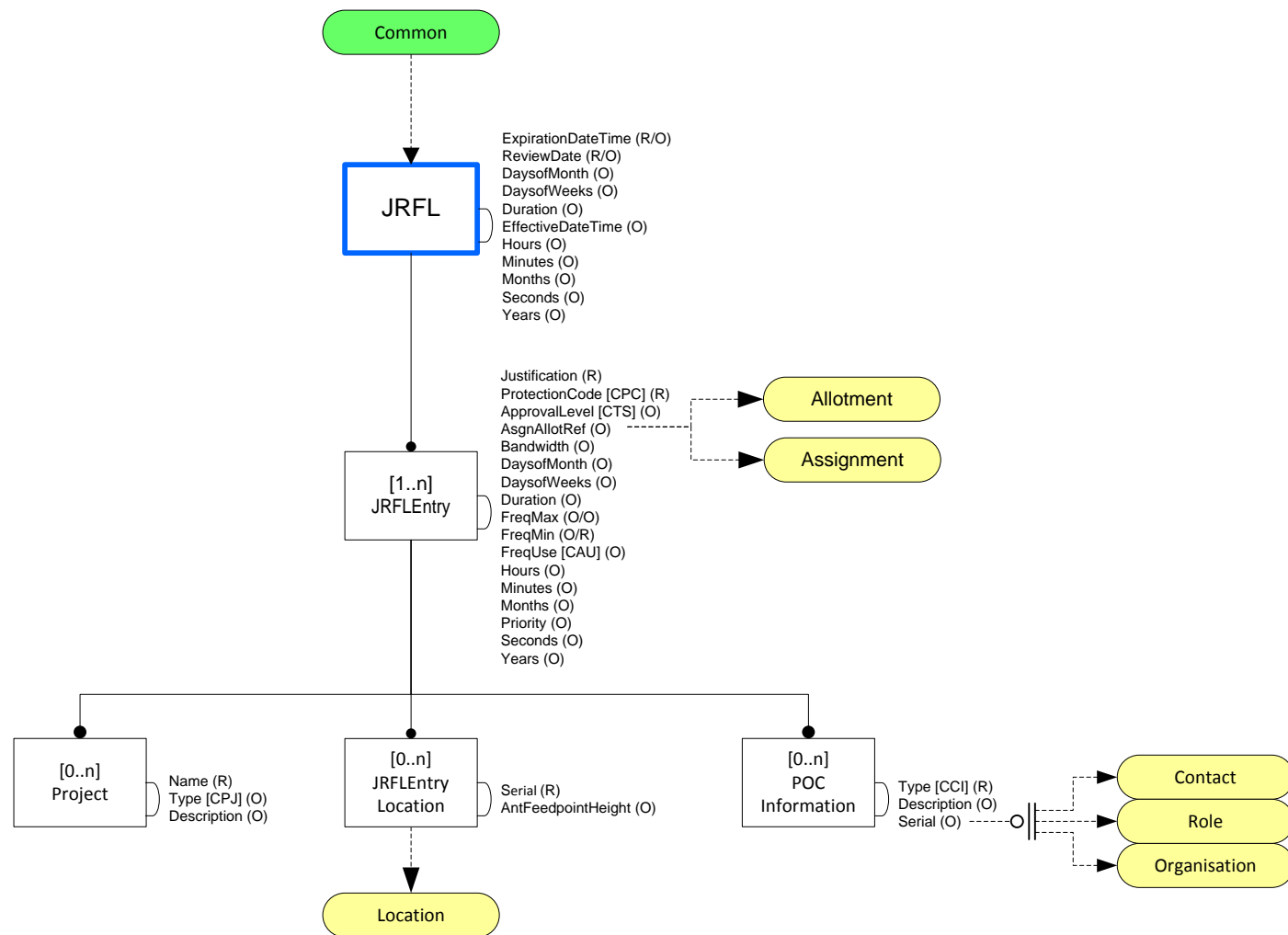


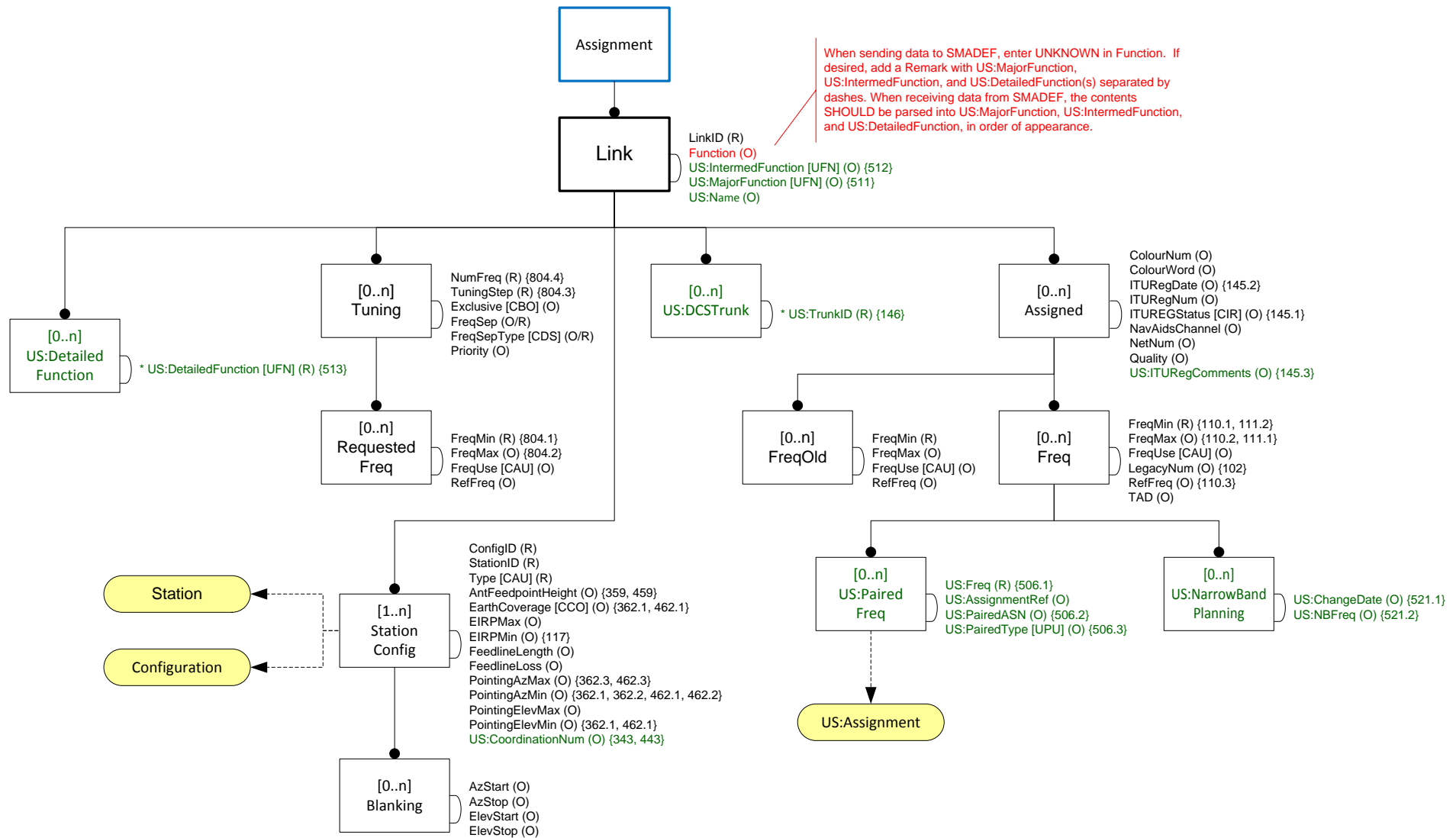


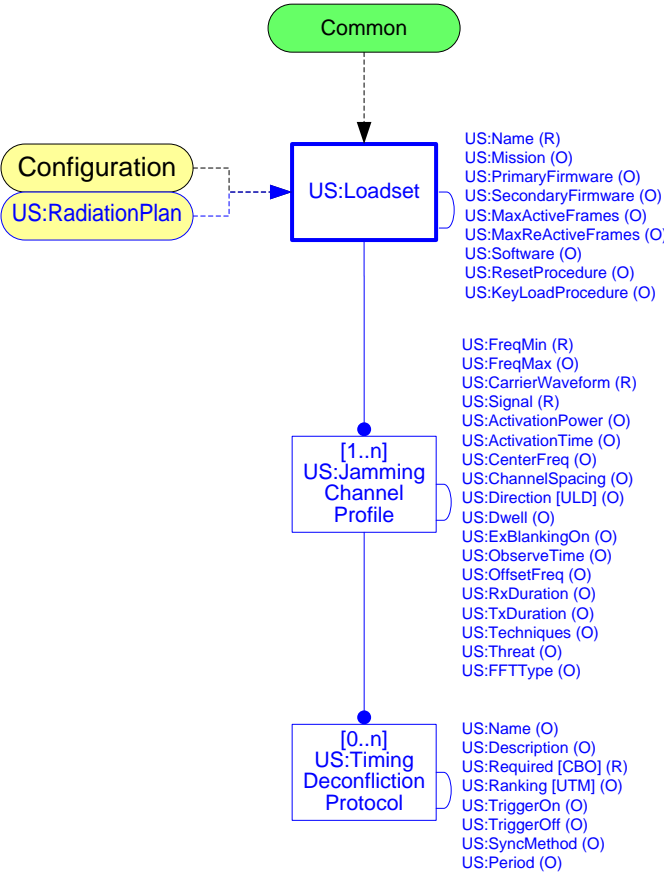


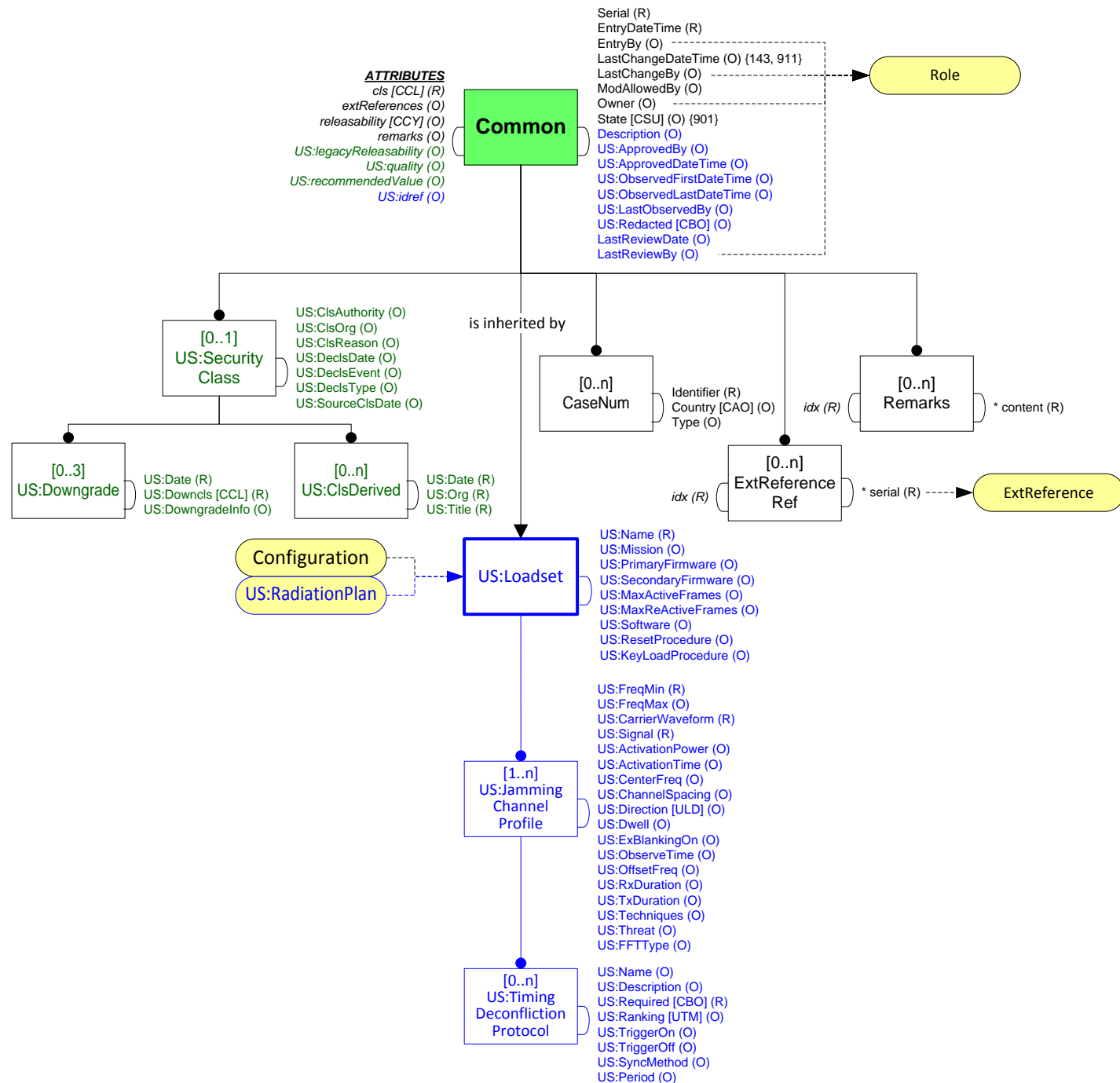












Code list US5

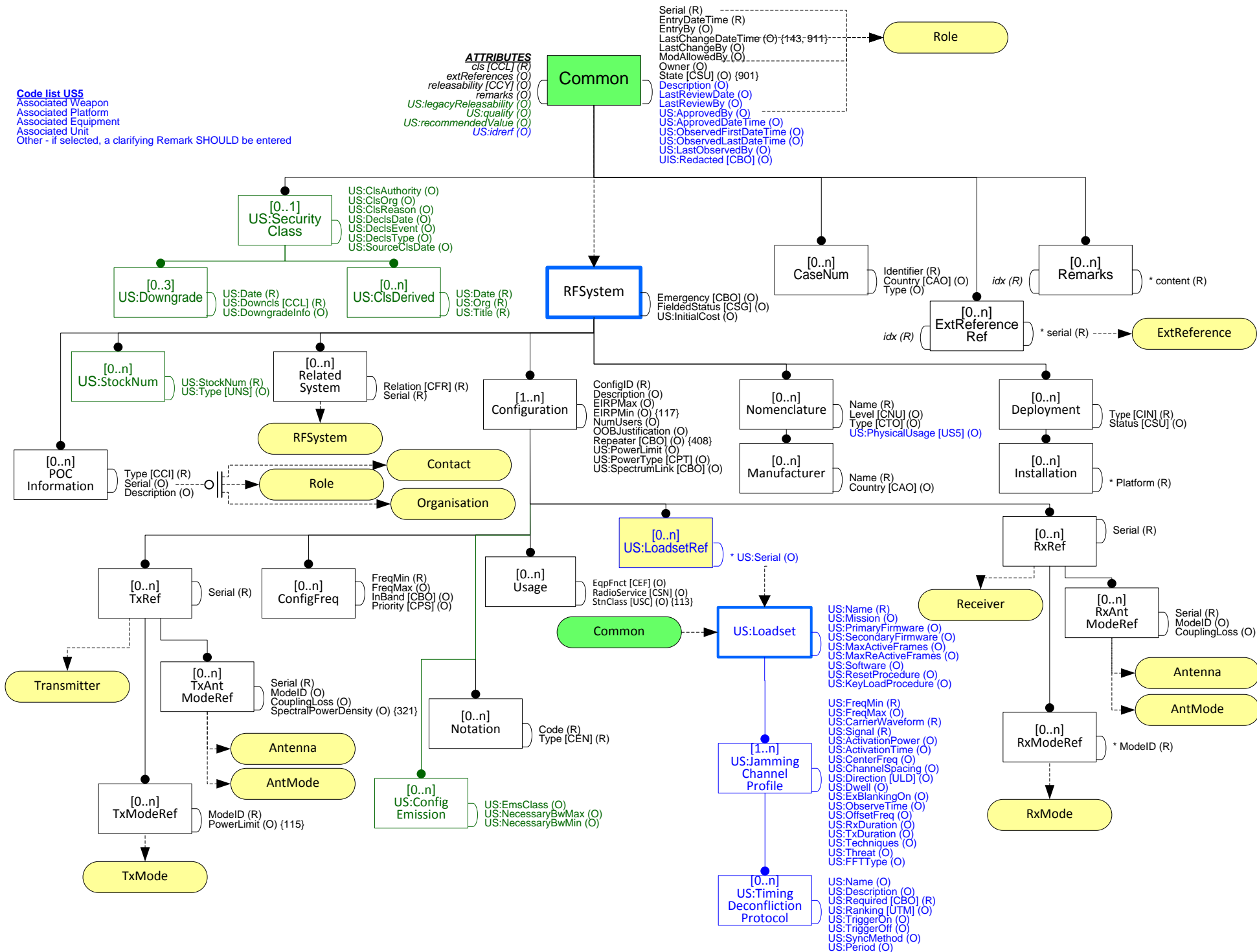
Associated Weapon
Associated Platform
Associated Equipment
Associated Unit
Other - if selected, a clarifying Remark SHOULD be entered

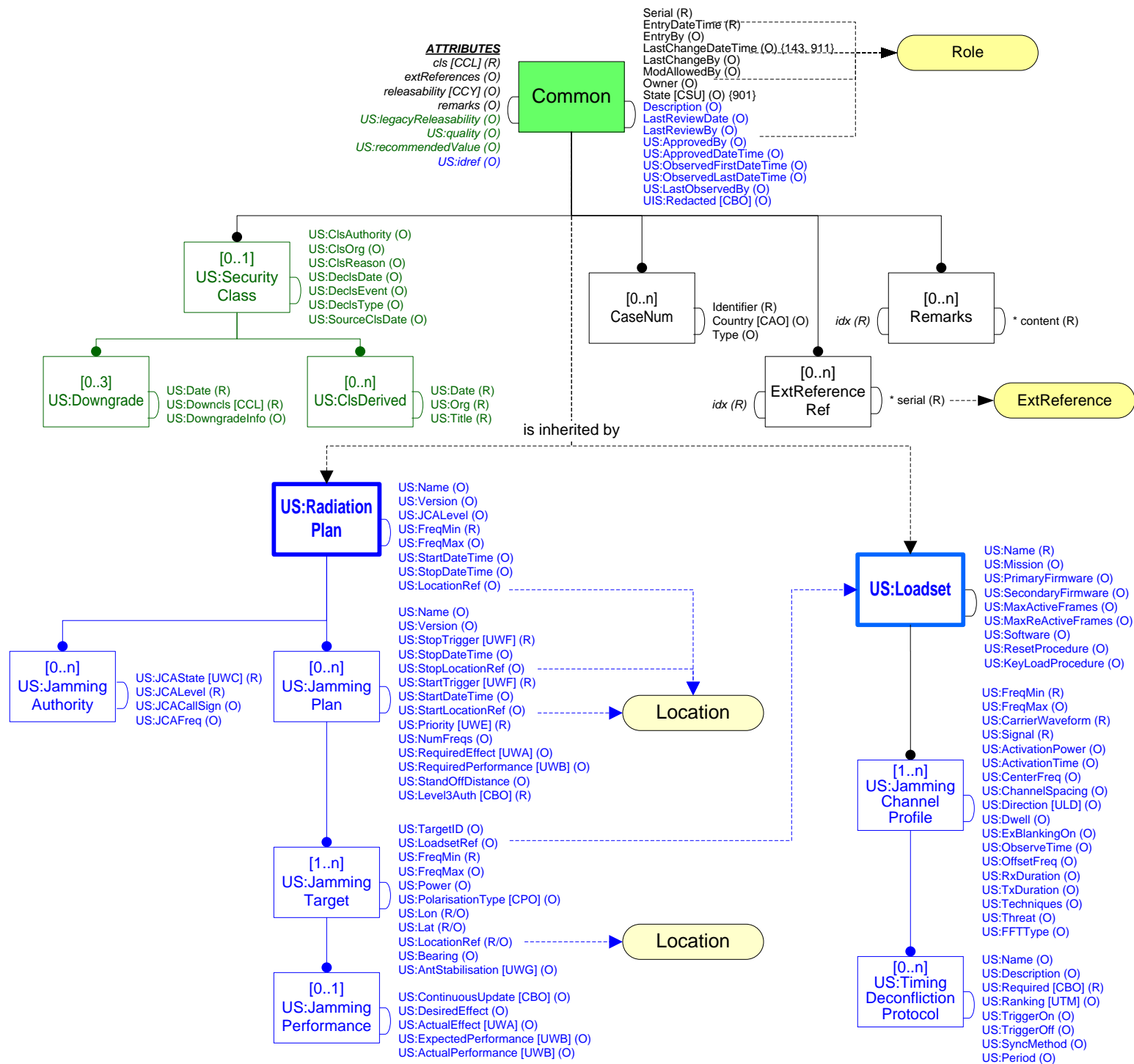
ATTRIBUTES
CIS [CCL] (R)
extReferences (O)
releasability [CCY] (O)
remarks (O)
US:legacyReleasability (O)
US:quality (O)
US:recommendedValue (O)
US:idref (O)

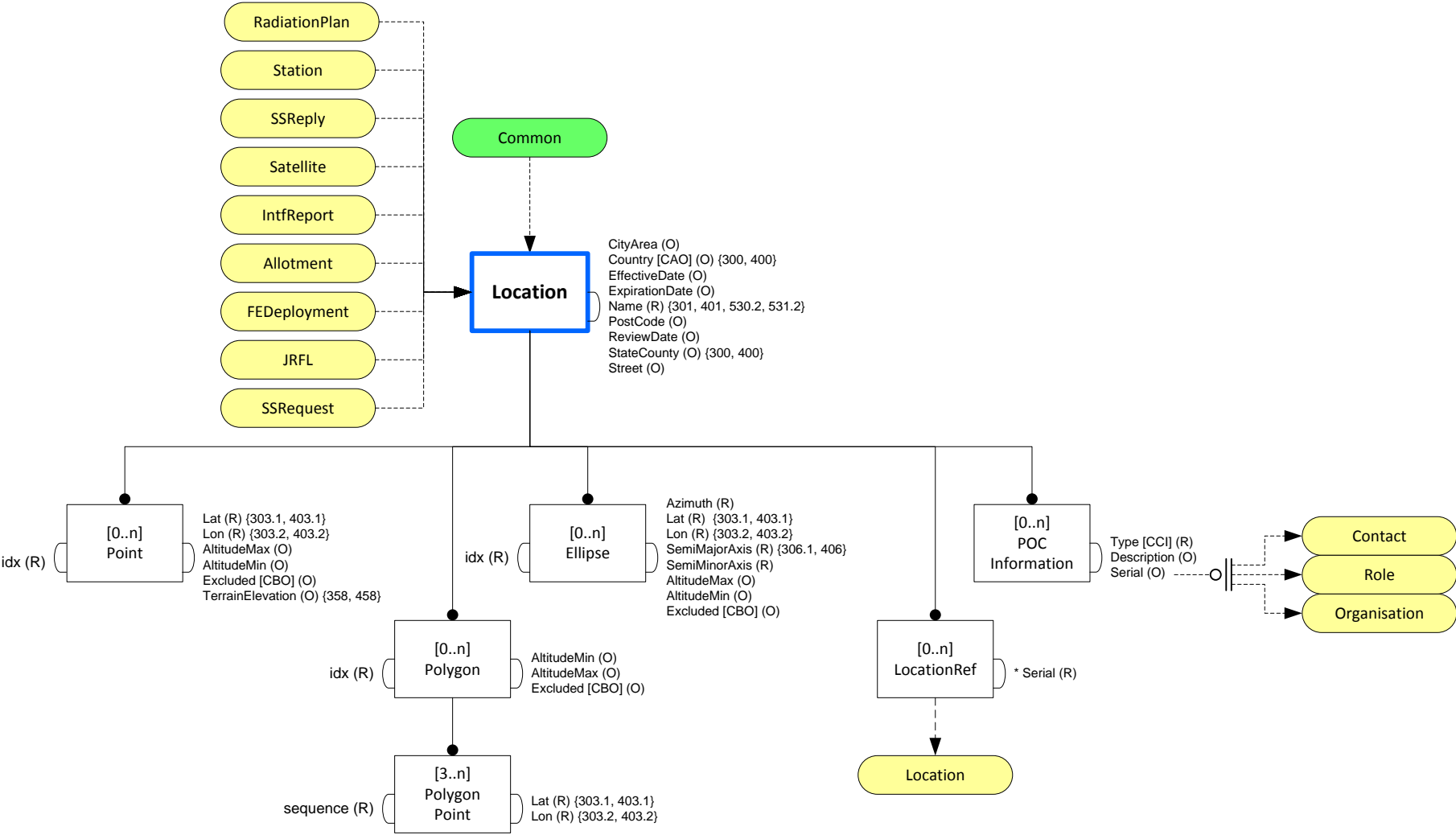
Common

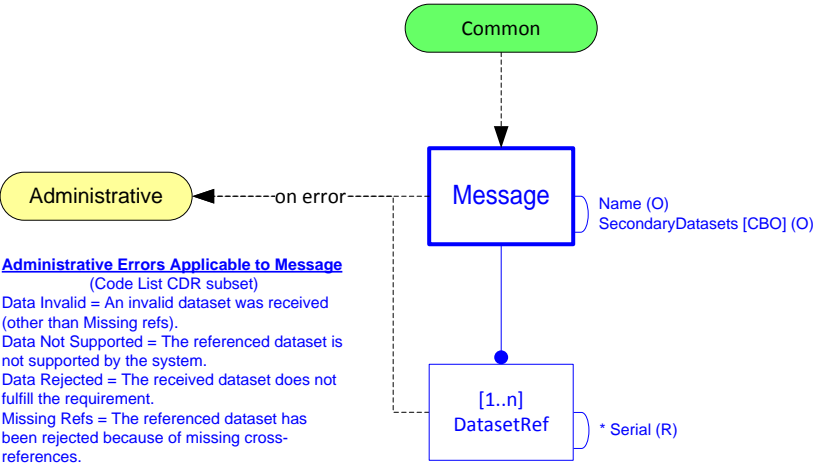
Serial (R)
EntryDateTime (R)
EntryBy (O)
LastChangeDateTime (O) {143; 911}
LastChangeBy (O)
ModAllowedBy (O)
Owner (O)
State [CSU] (O) {901}
Description (O)
LastReviewDate (O)
LastReviewBy (O)
US:ApprovedBy (O)
US:ApprovedDateTime (O)
US:ObservedFirstDateTime (O)
US:ObservedLastDateTime (O)
US:LastObservedBy (O)
US:Redacted [CBO] (O)

Role

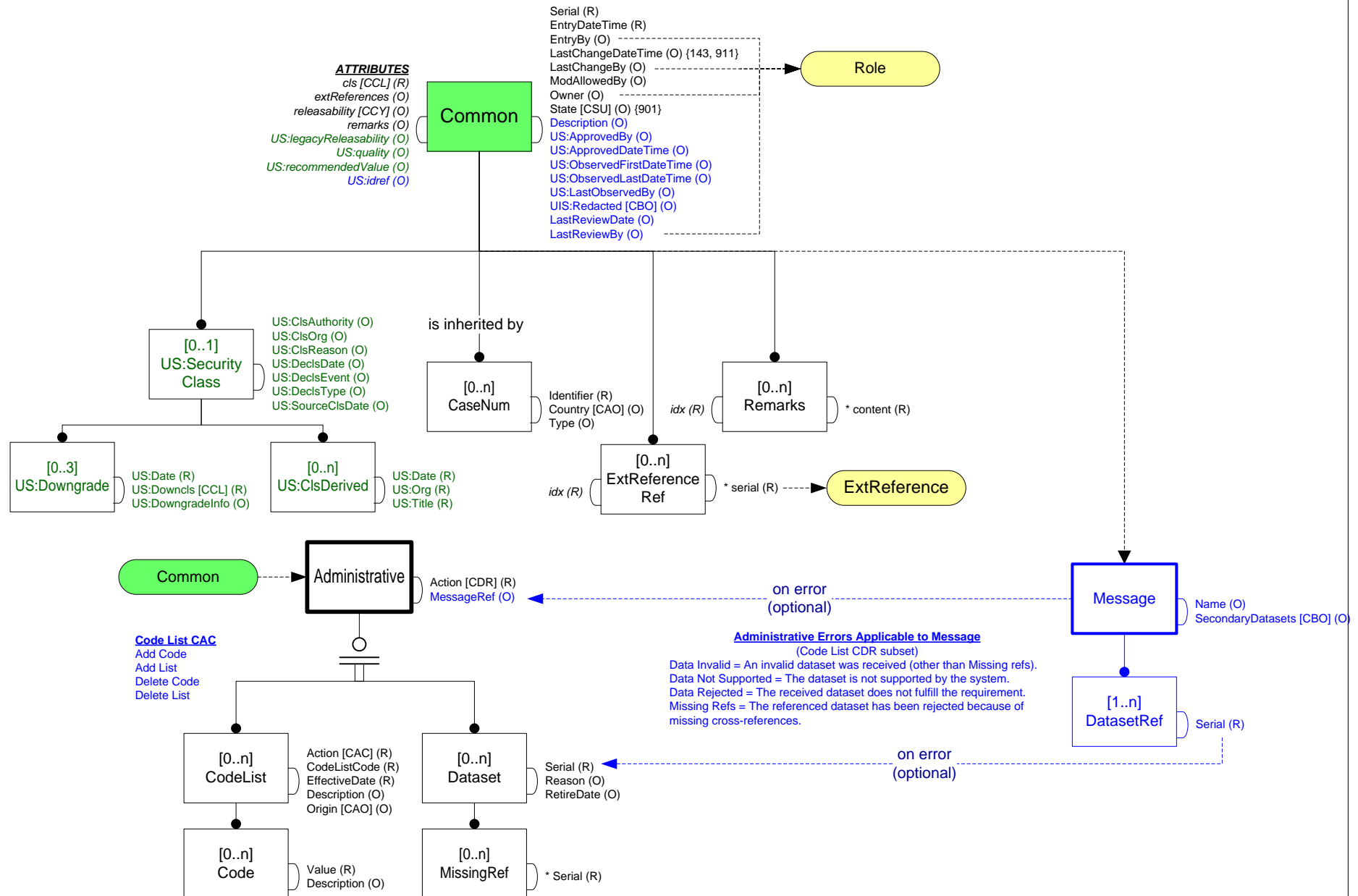


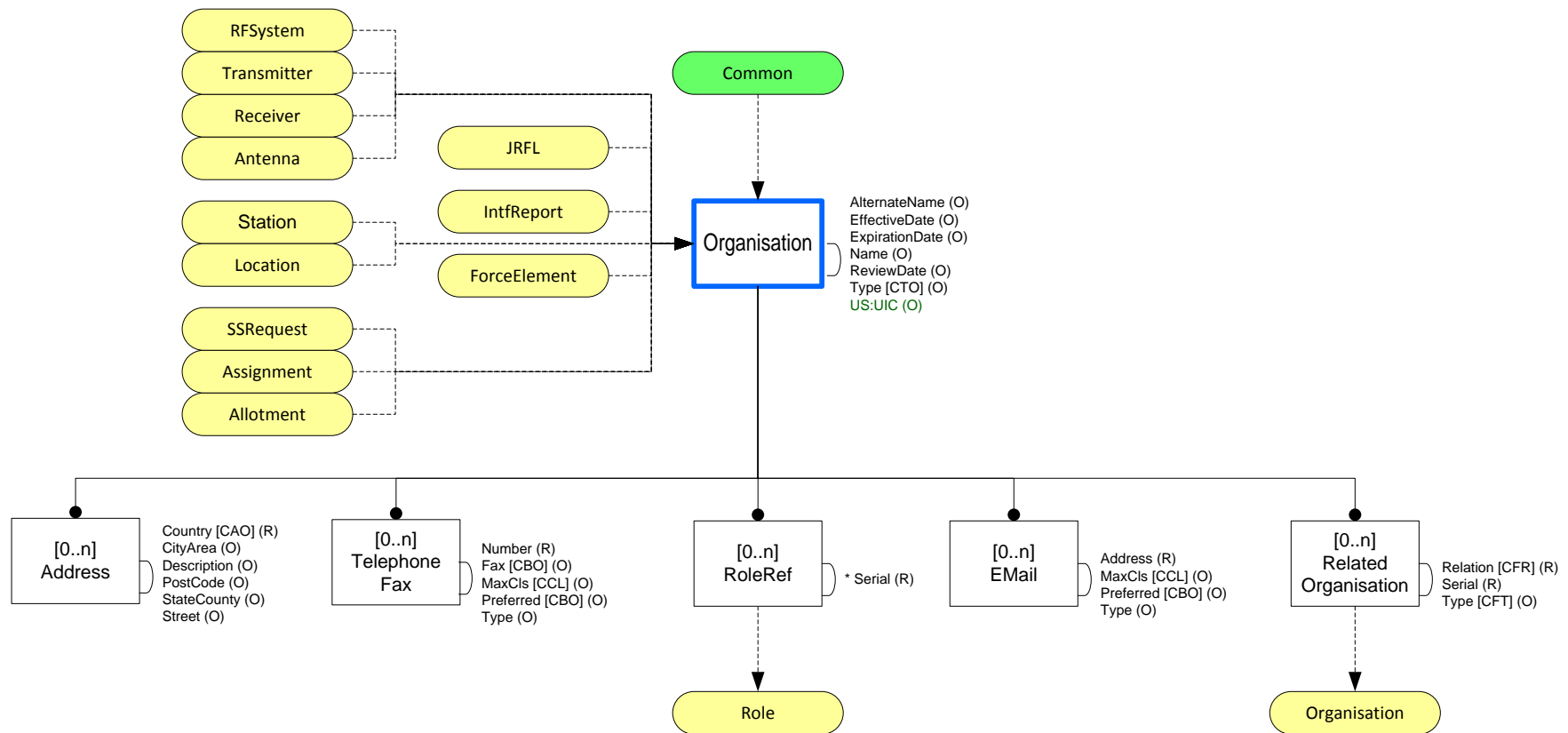


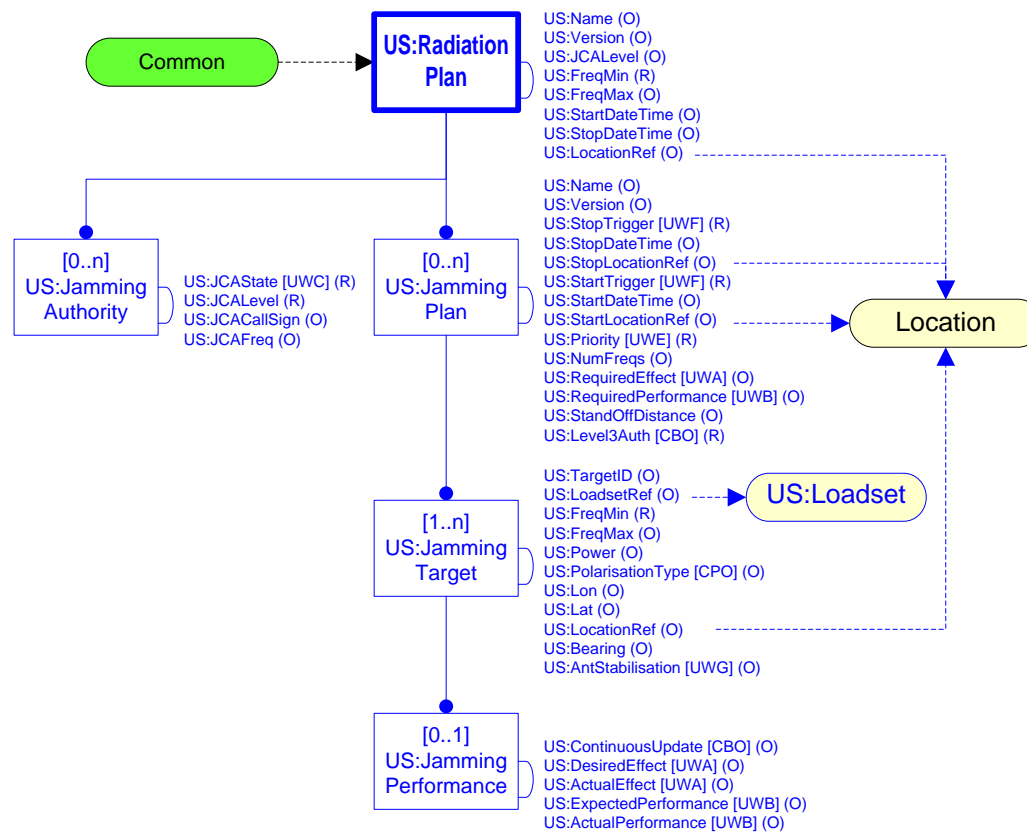


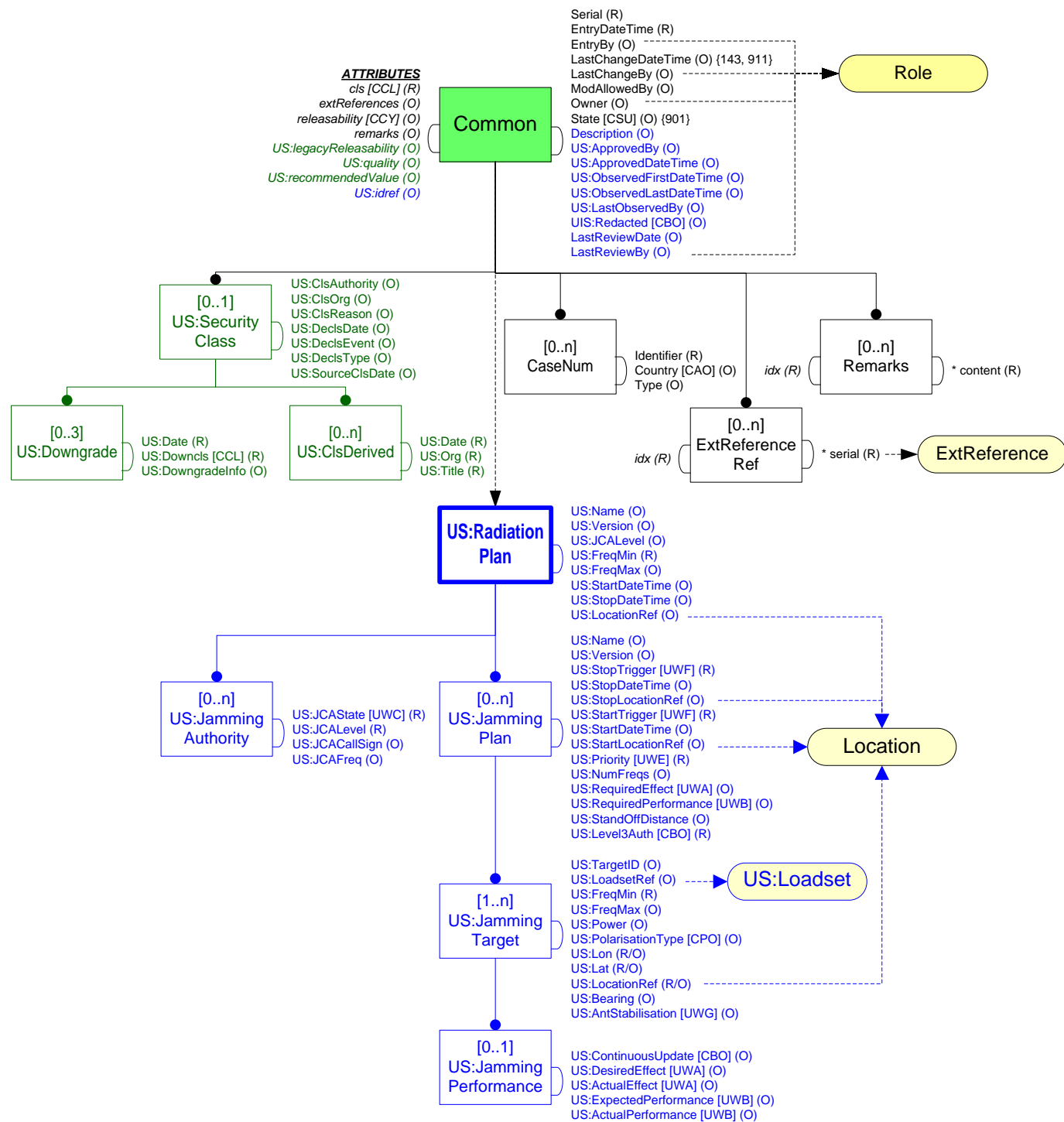


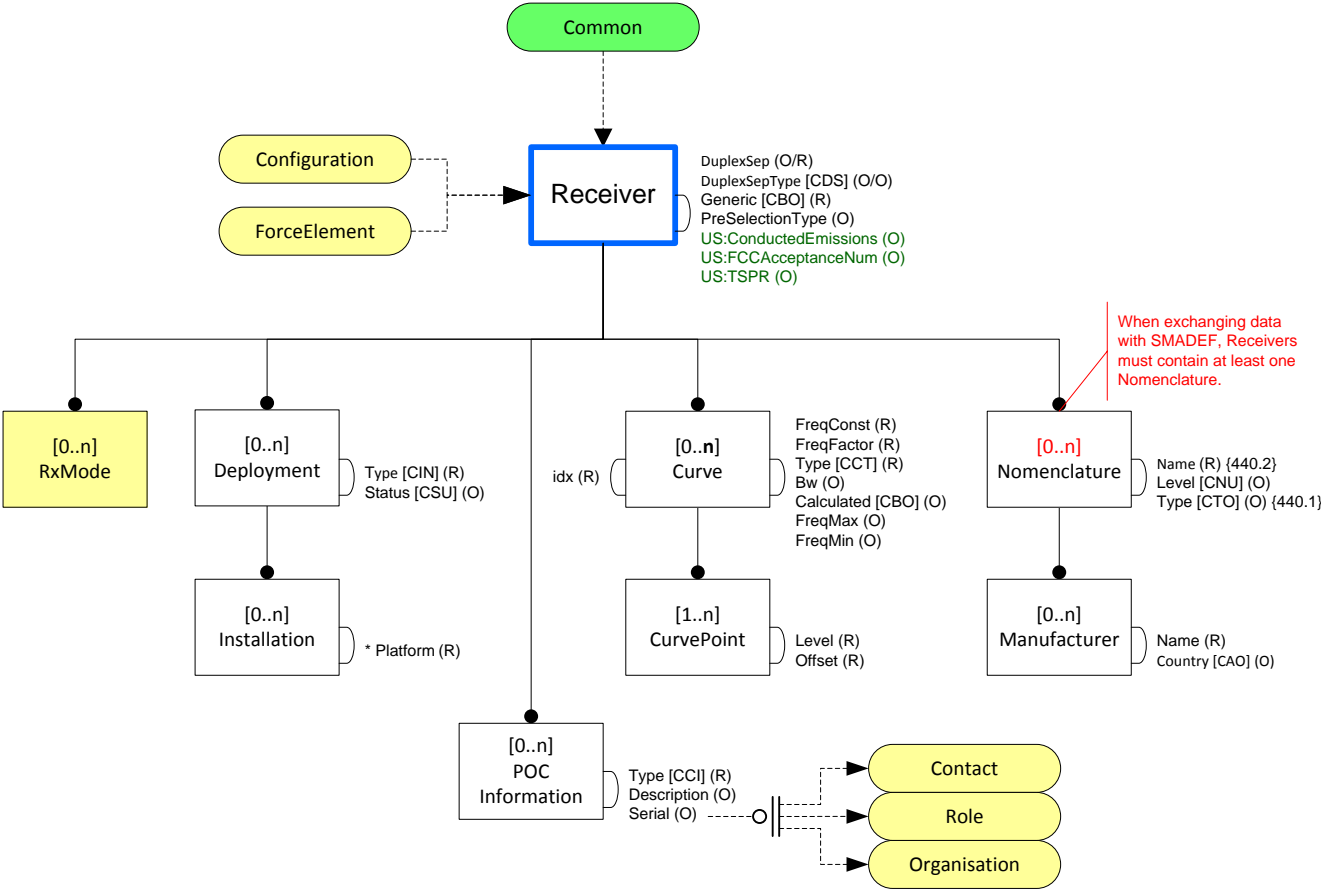
Administrative Errors Applicable to Message
(Code List CDR subset)
Data Invalid = An invalid dataset was received (other than Missing refs).
Data Not Supported = The referenced dataset is not supported by the system.
Data Rejected = The received dataset does not fulfill the requirement.
Missing Refs = The referenced dataset has been rejected because of missing cross-references.

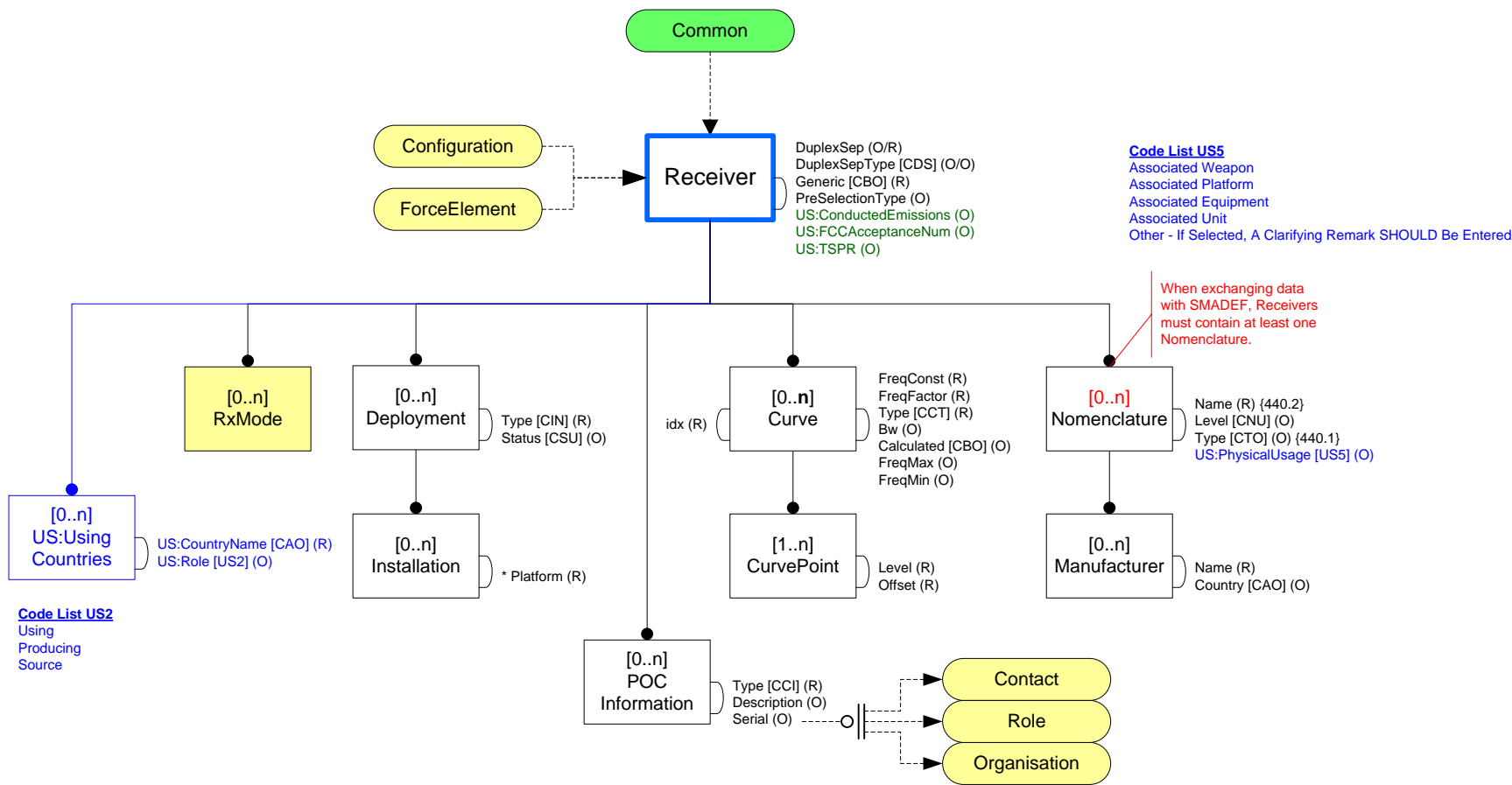


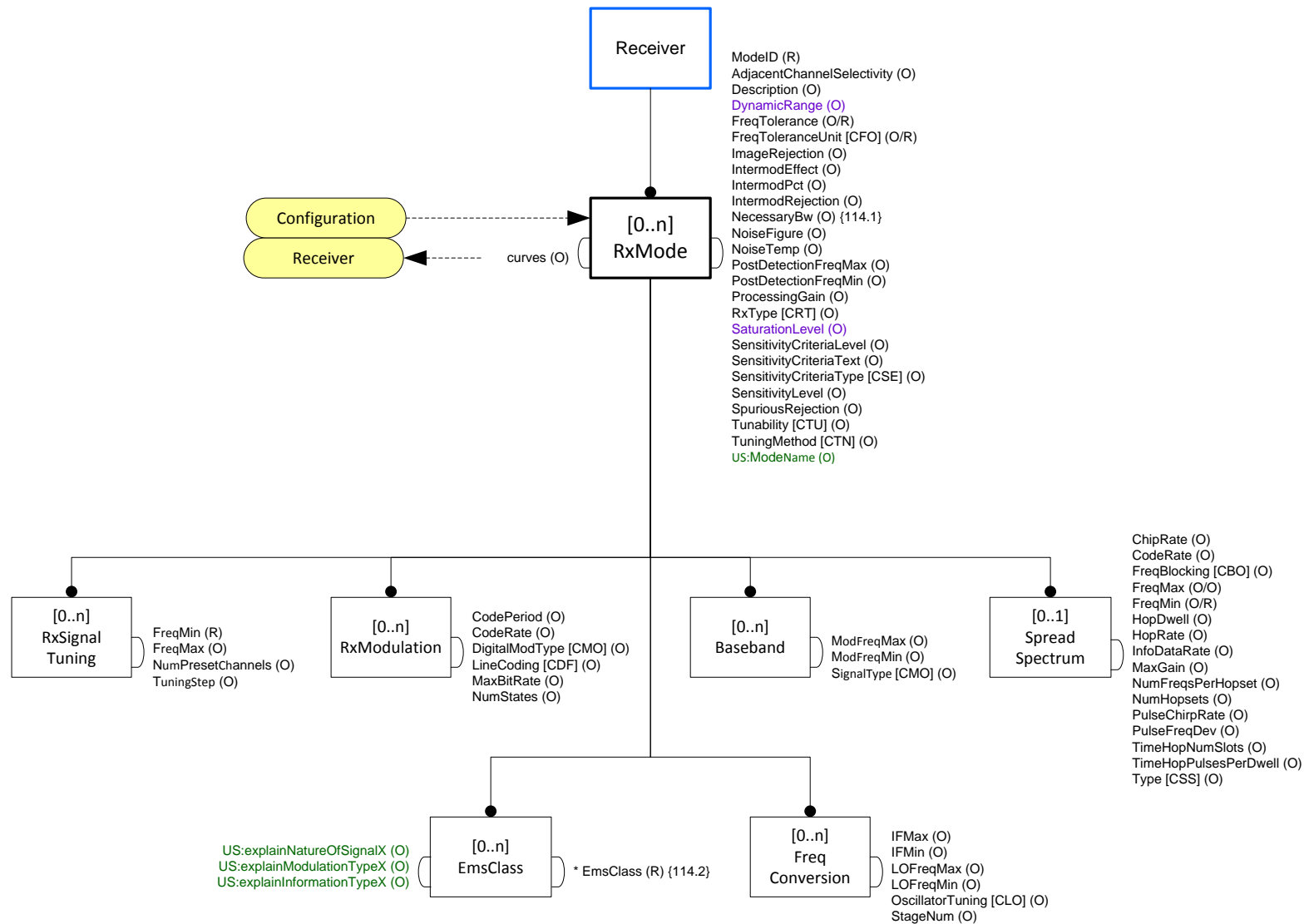


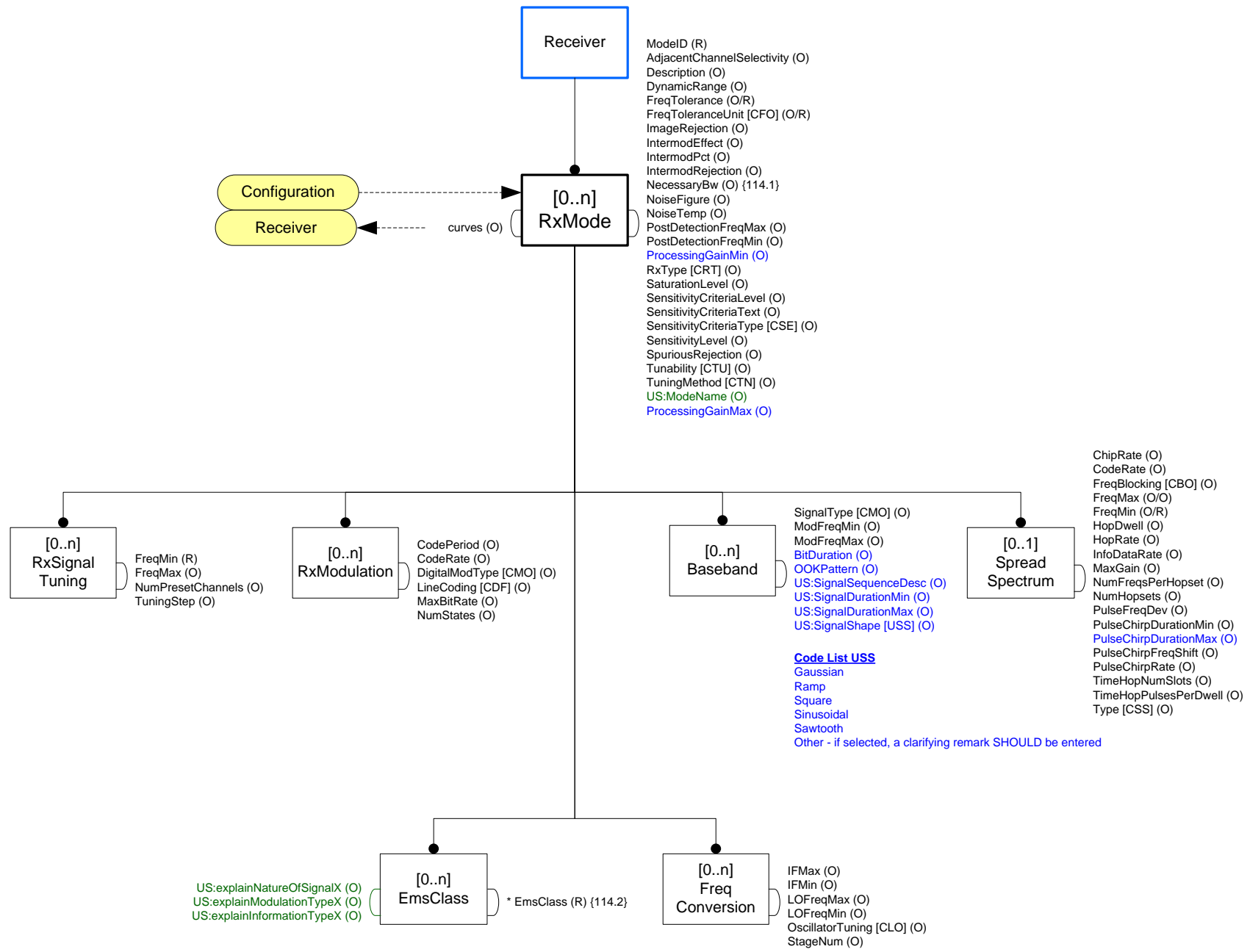


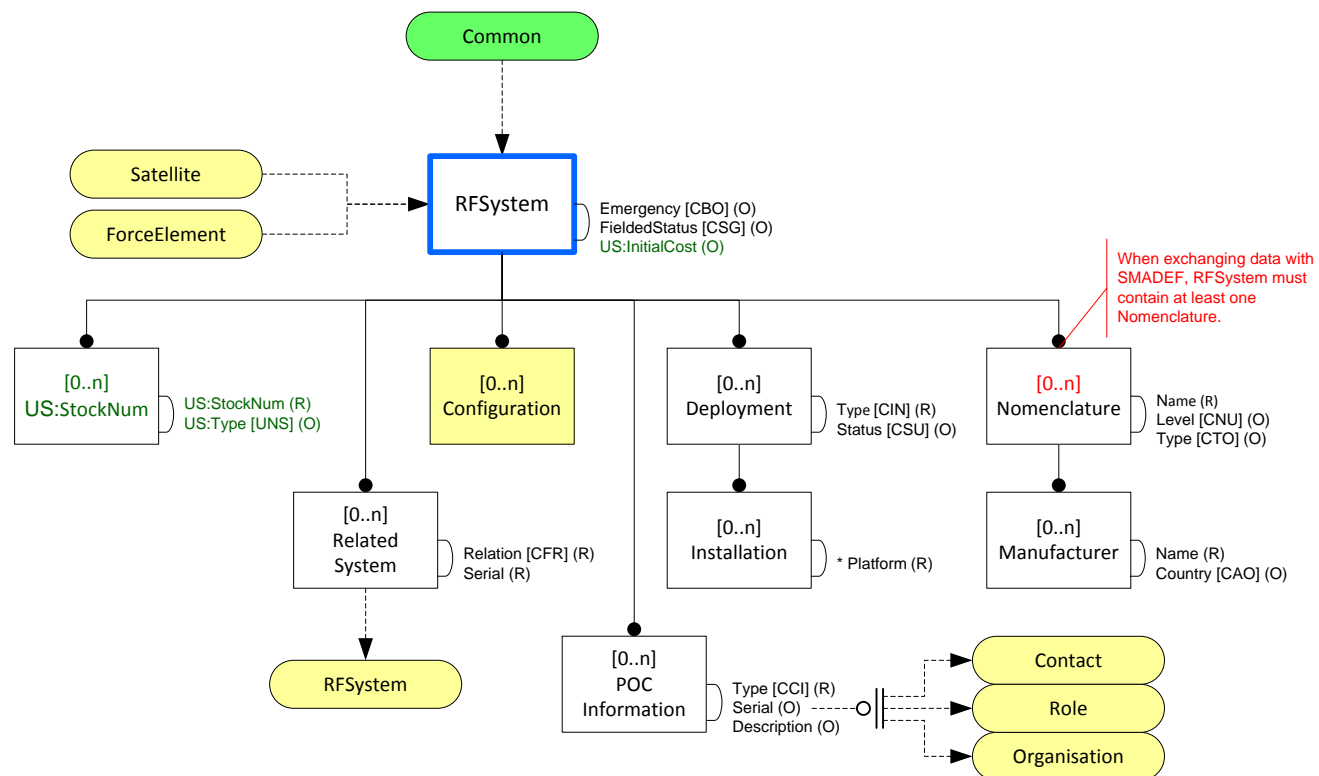


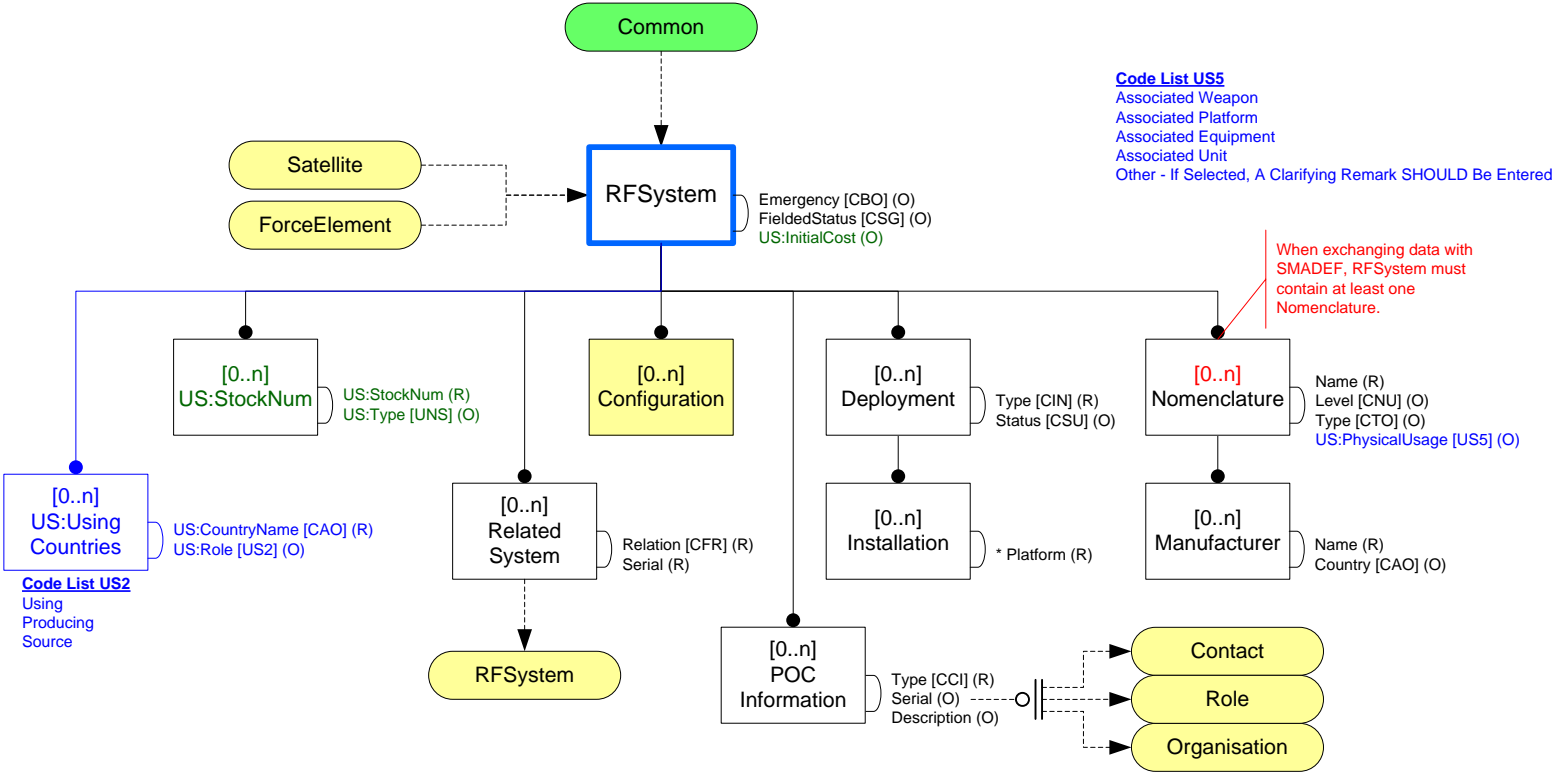


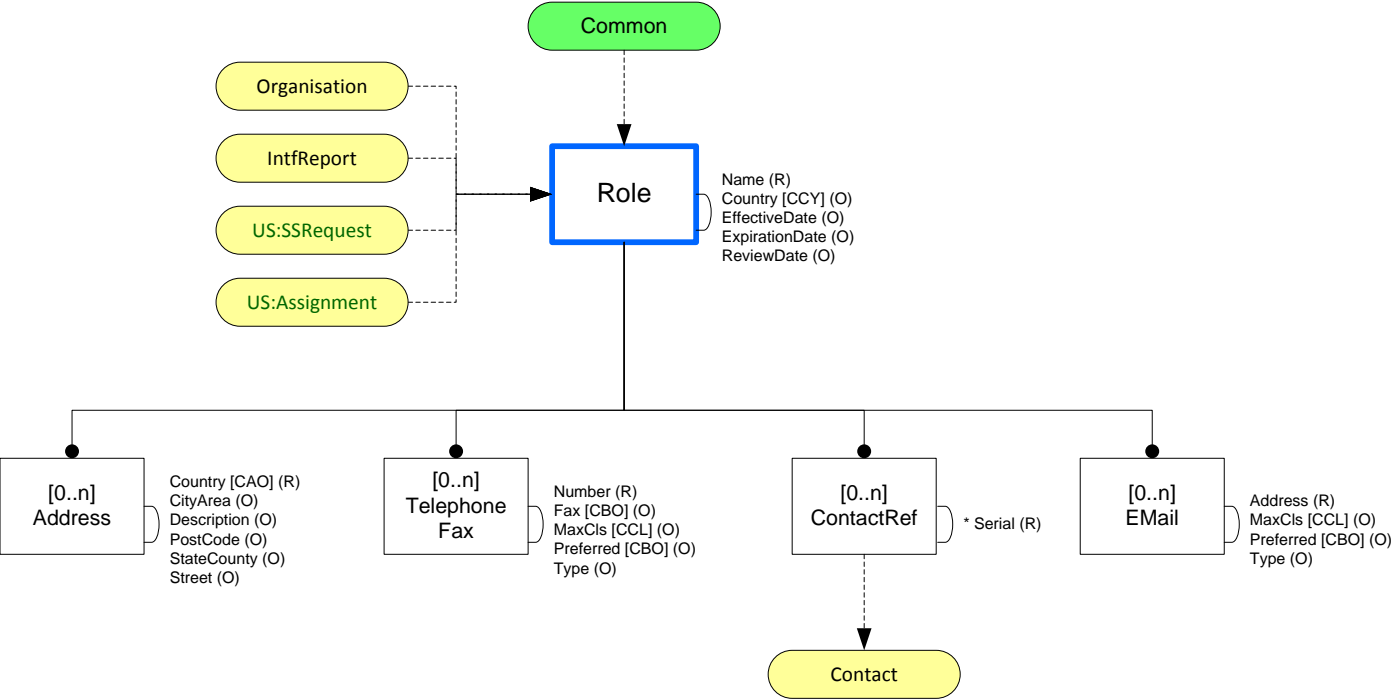


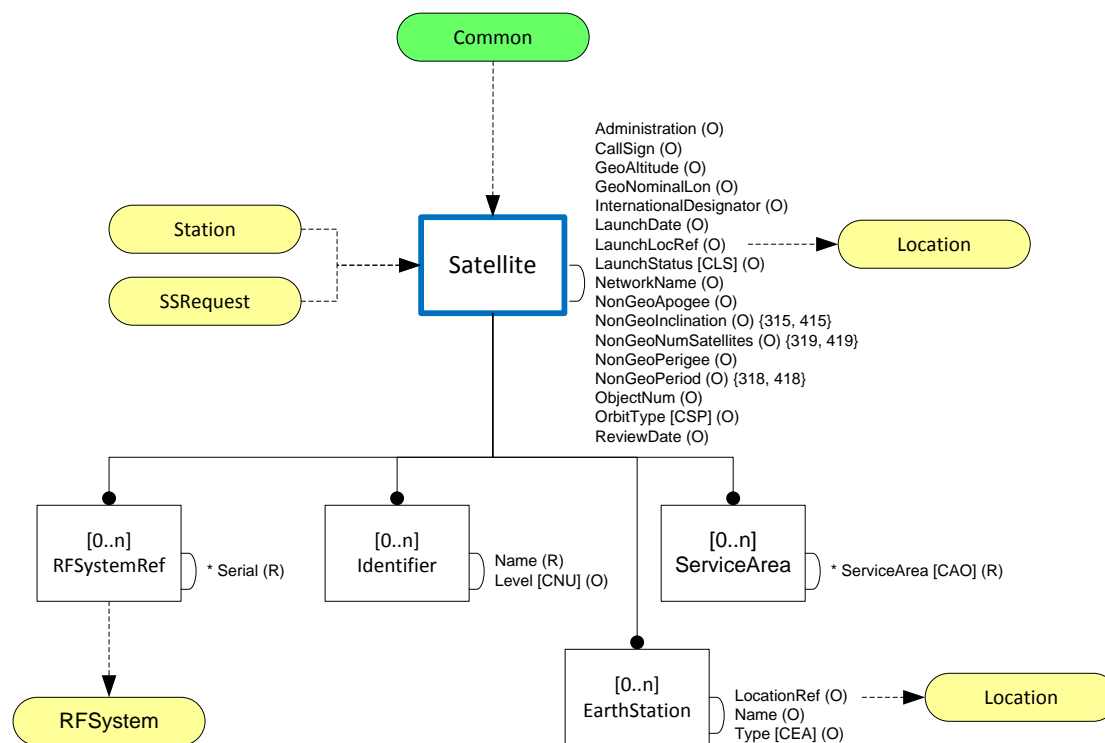


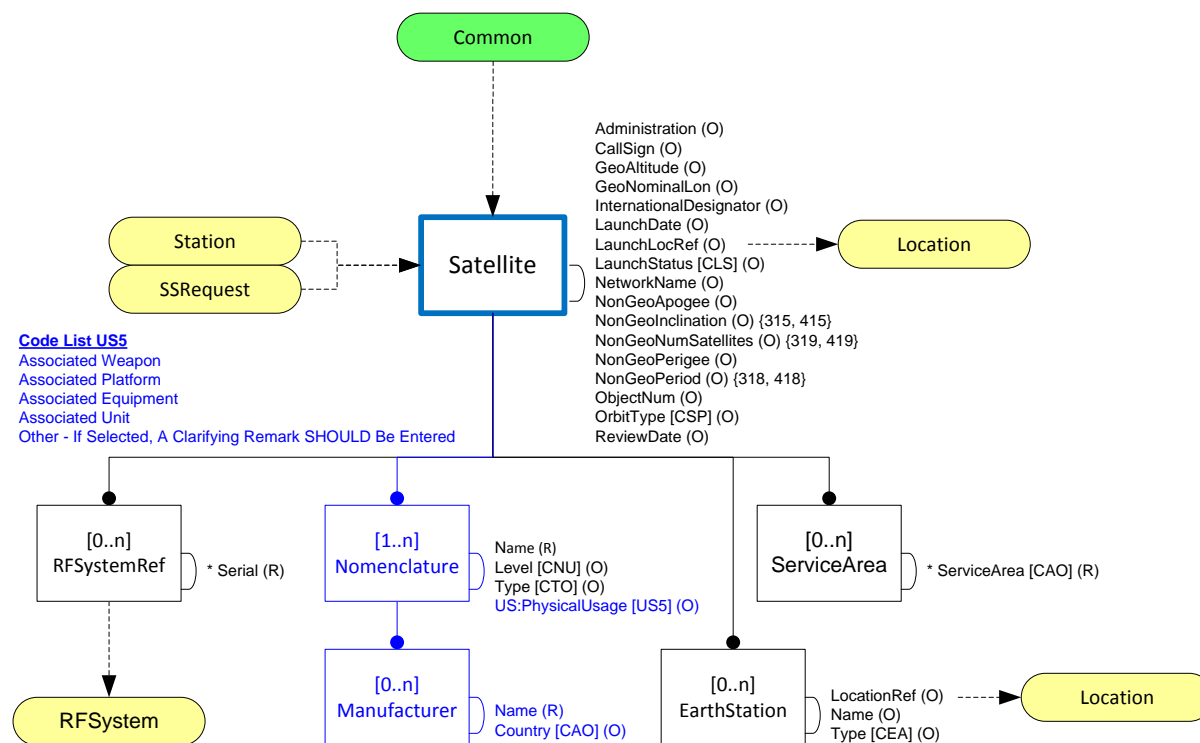


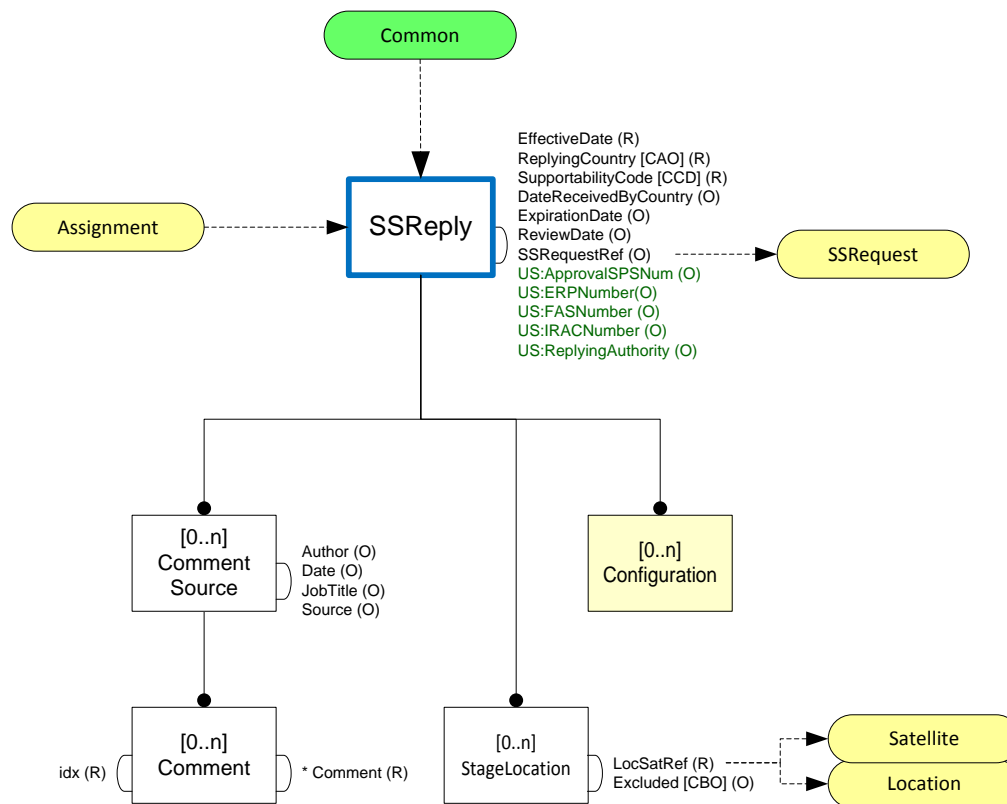


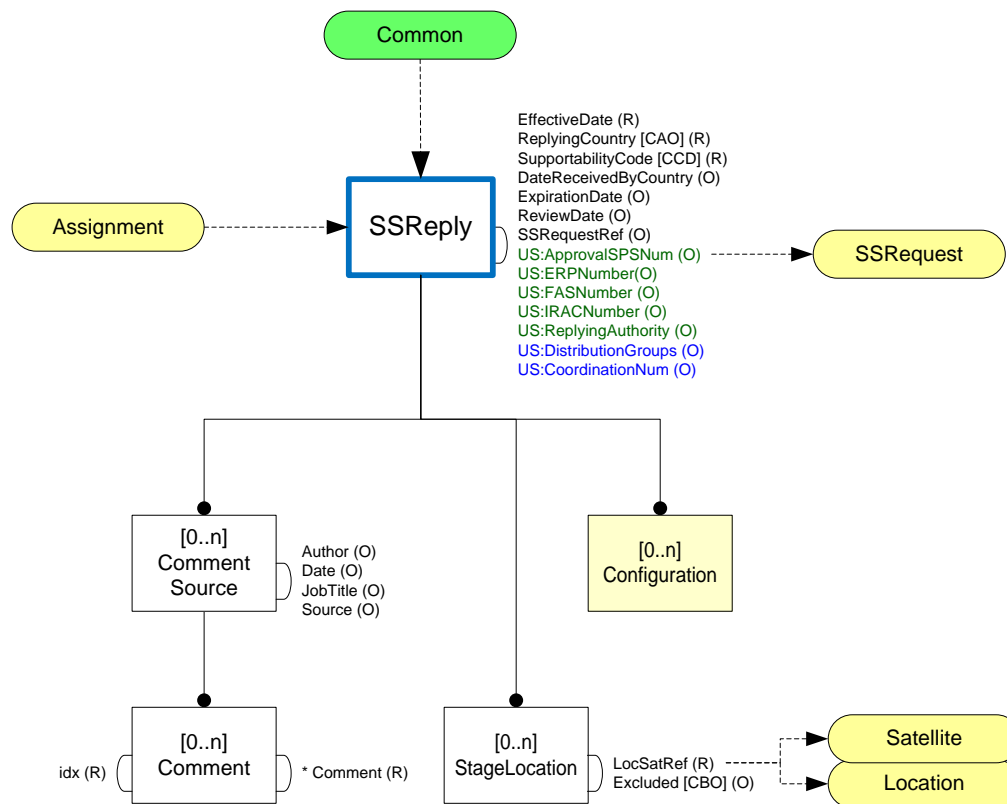


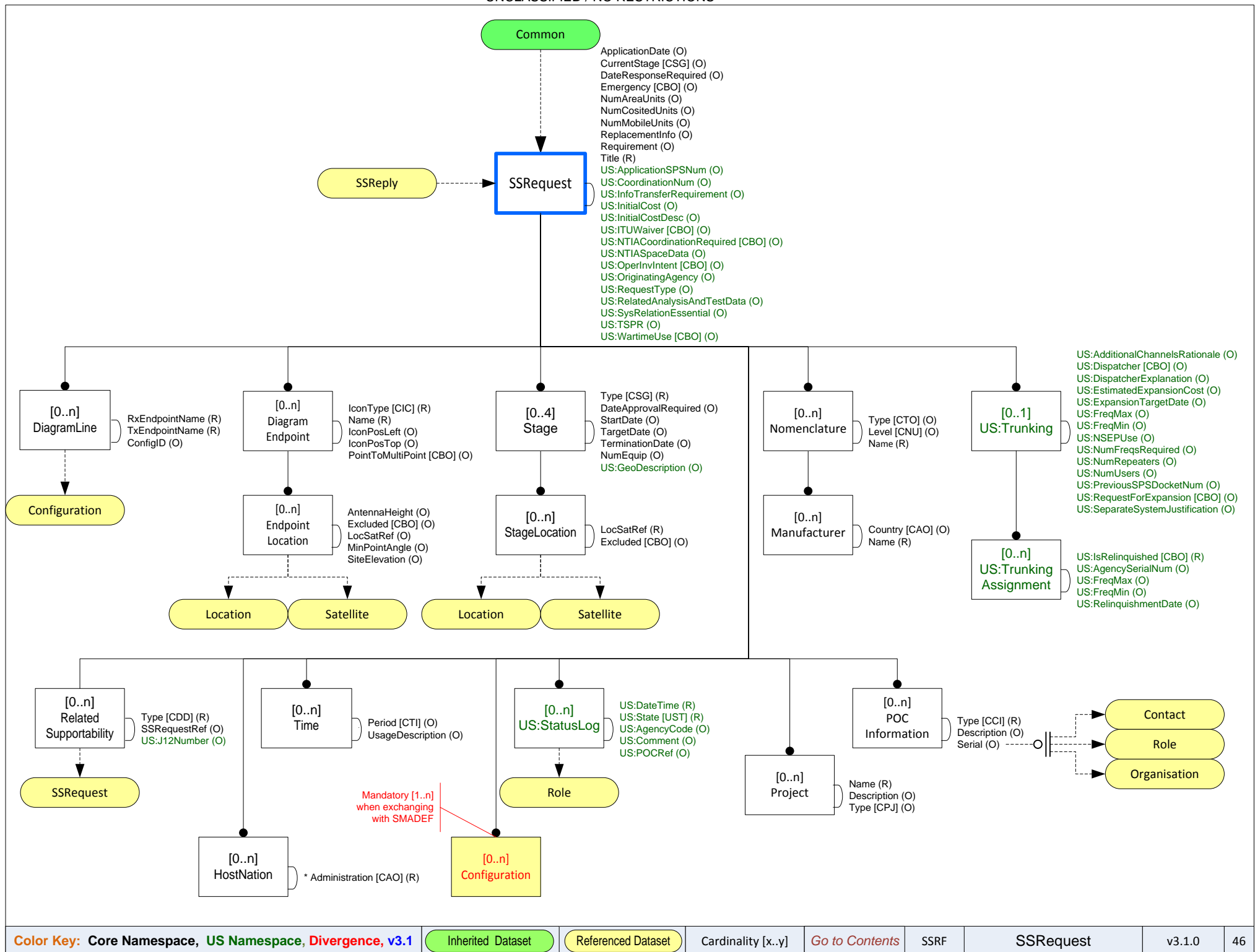


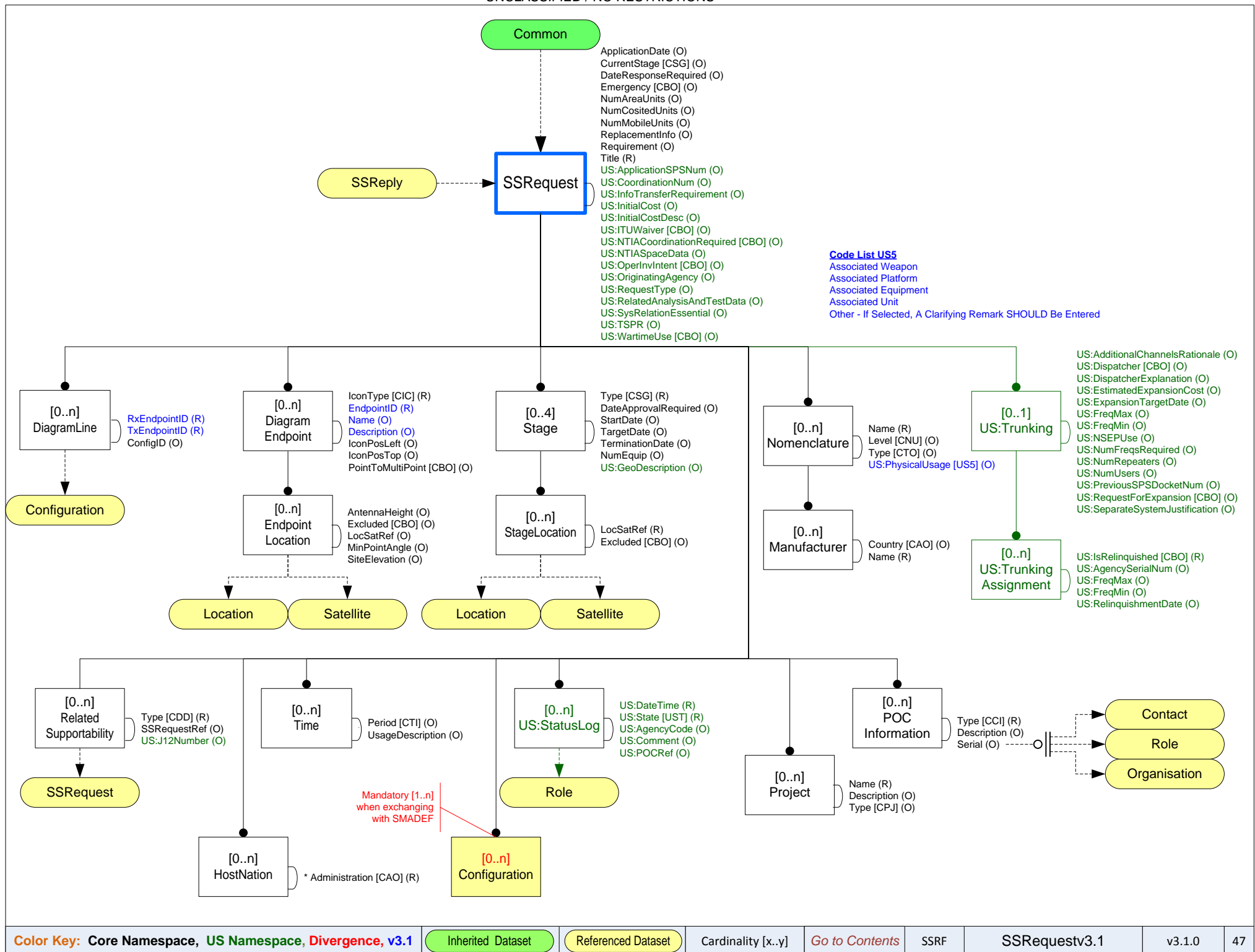


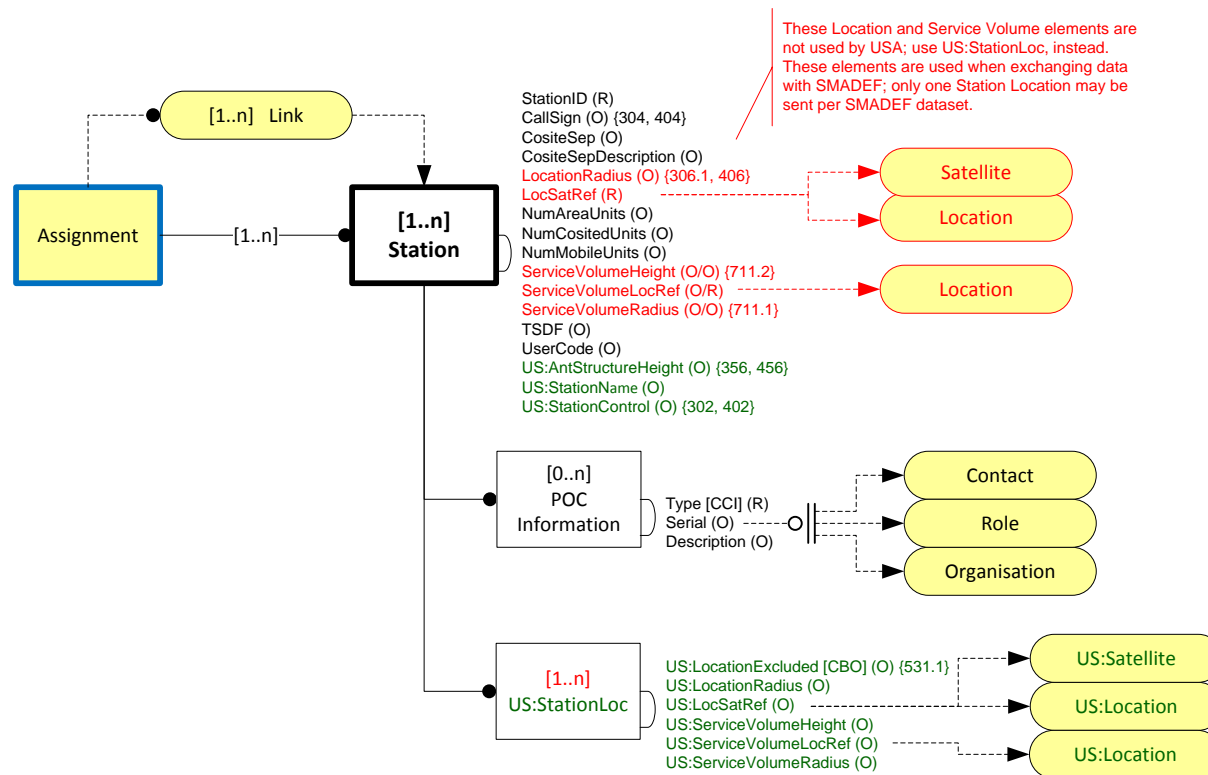


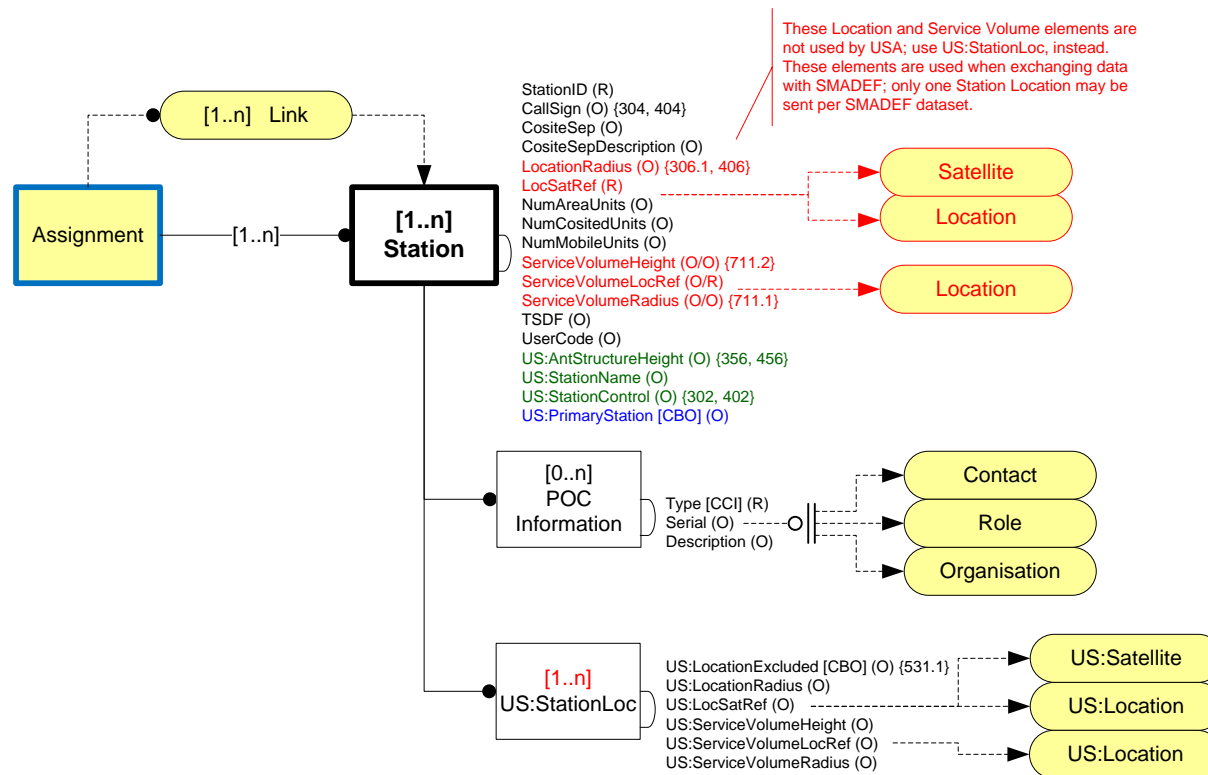


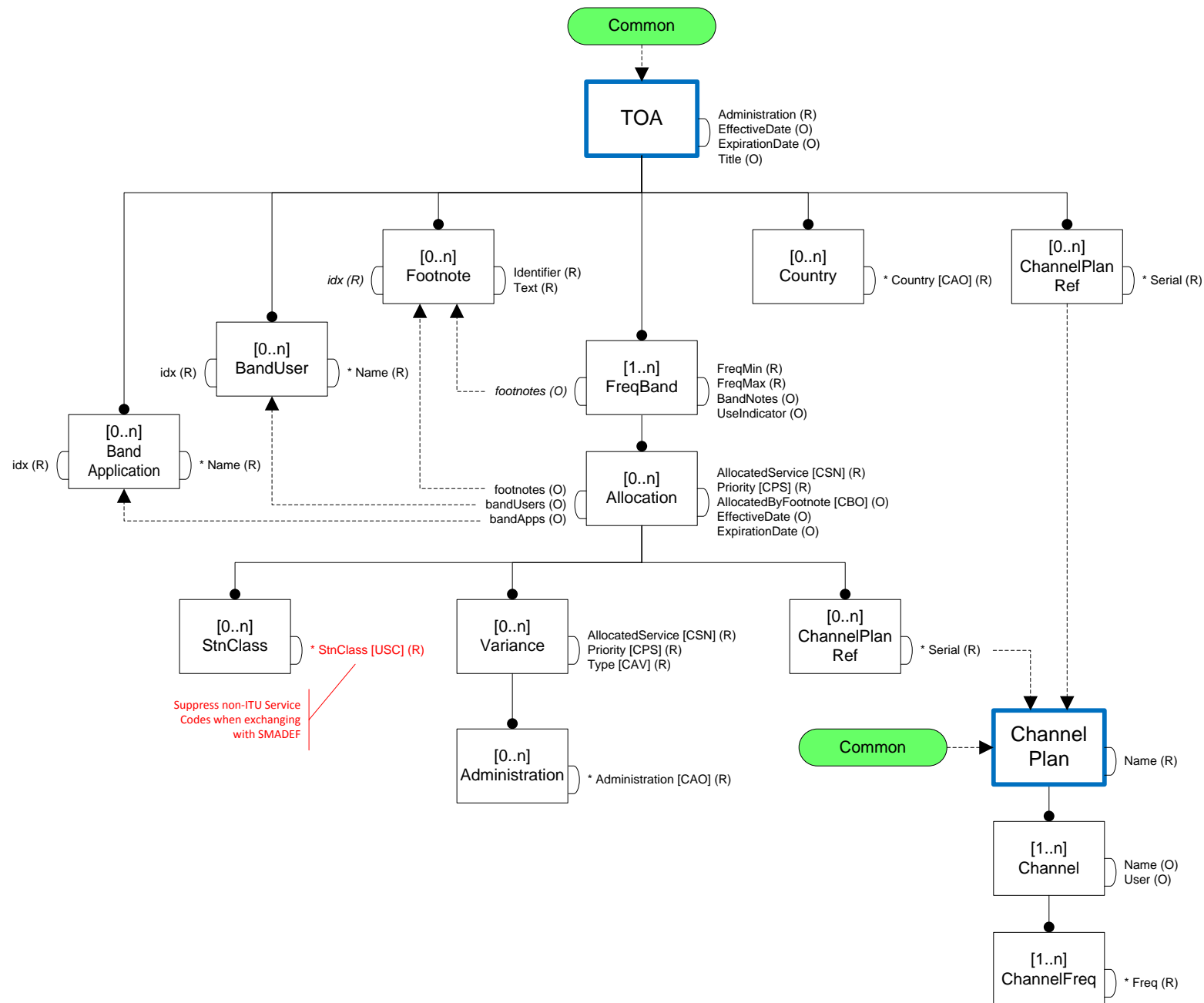


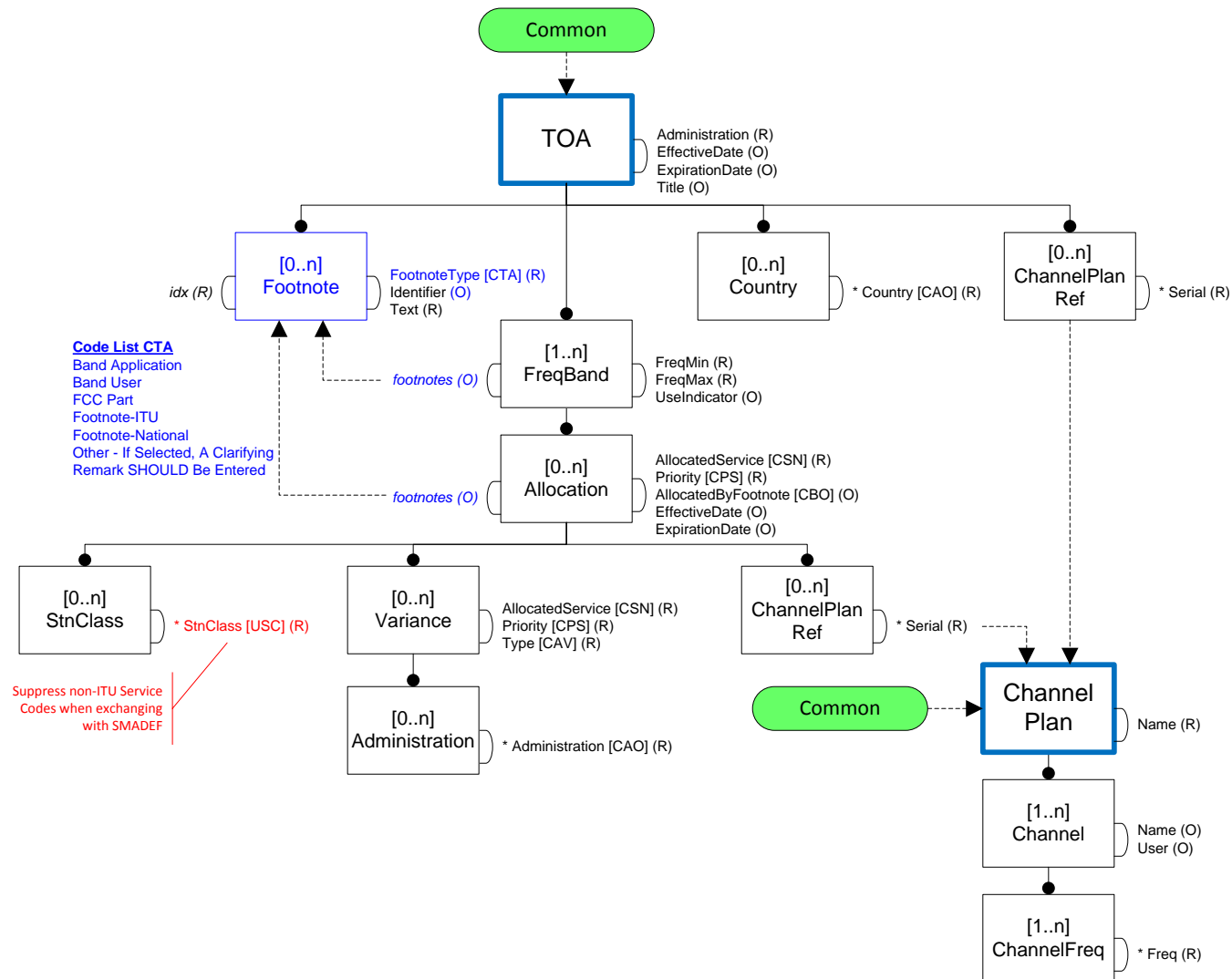


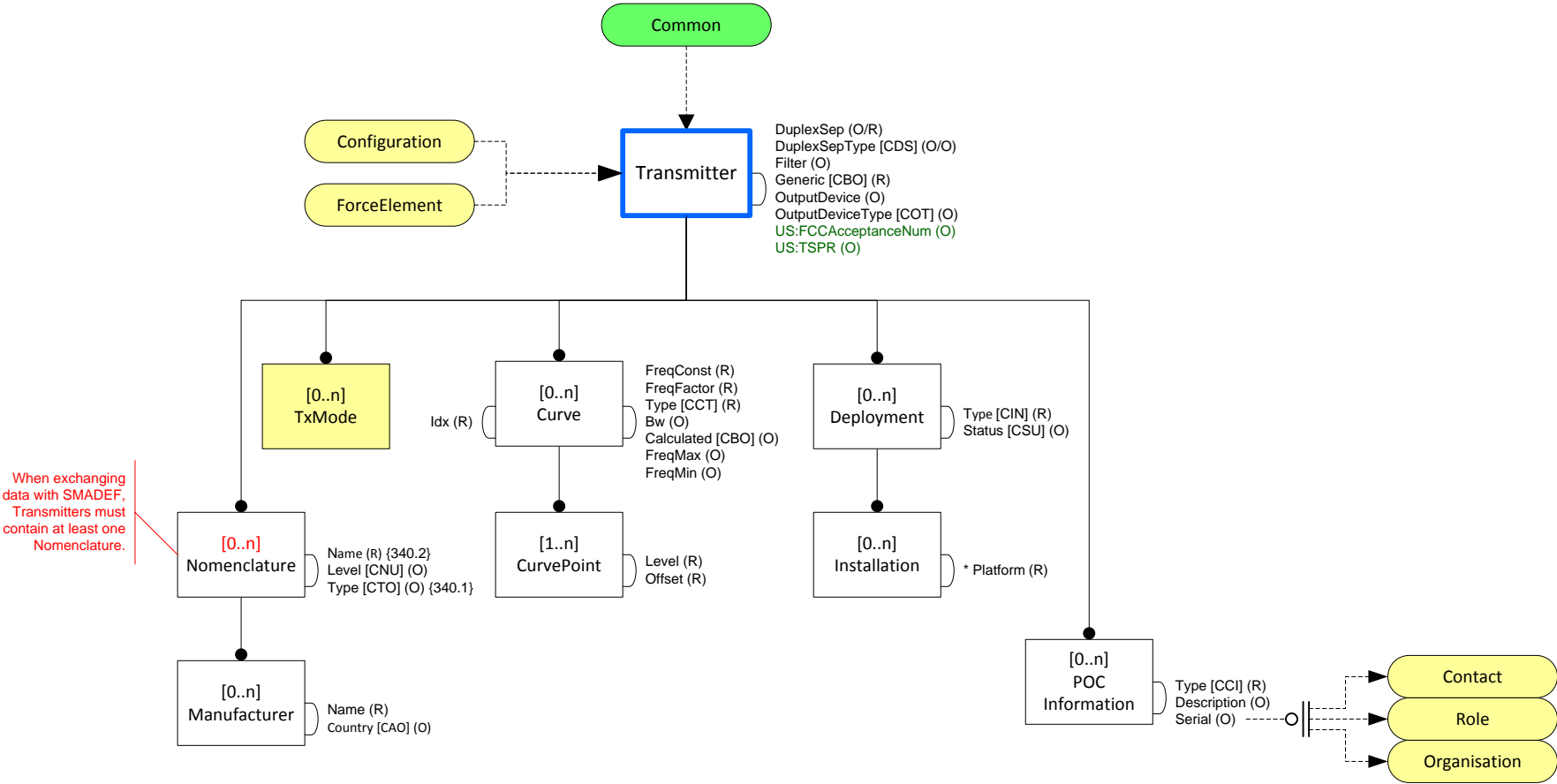


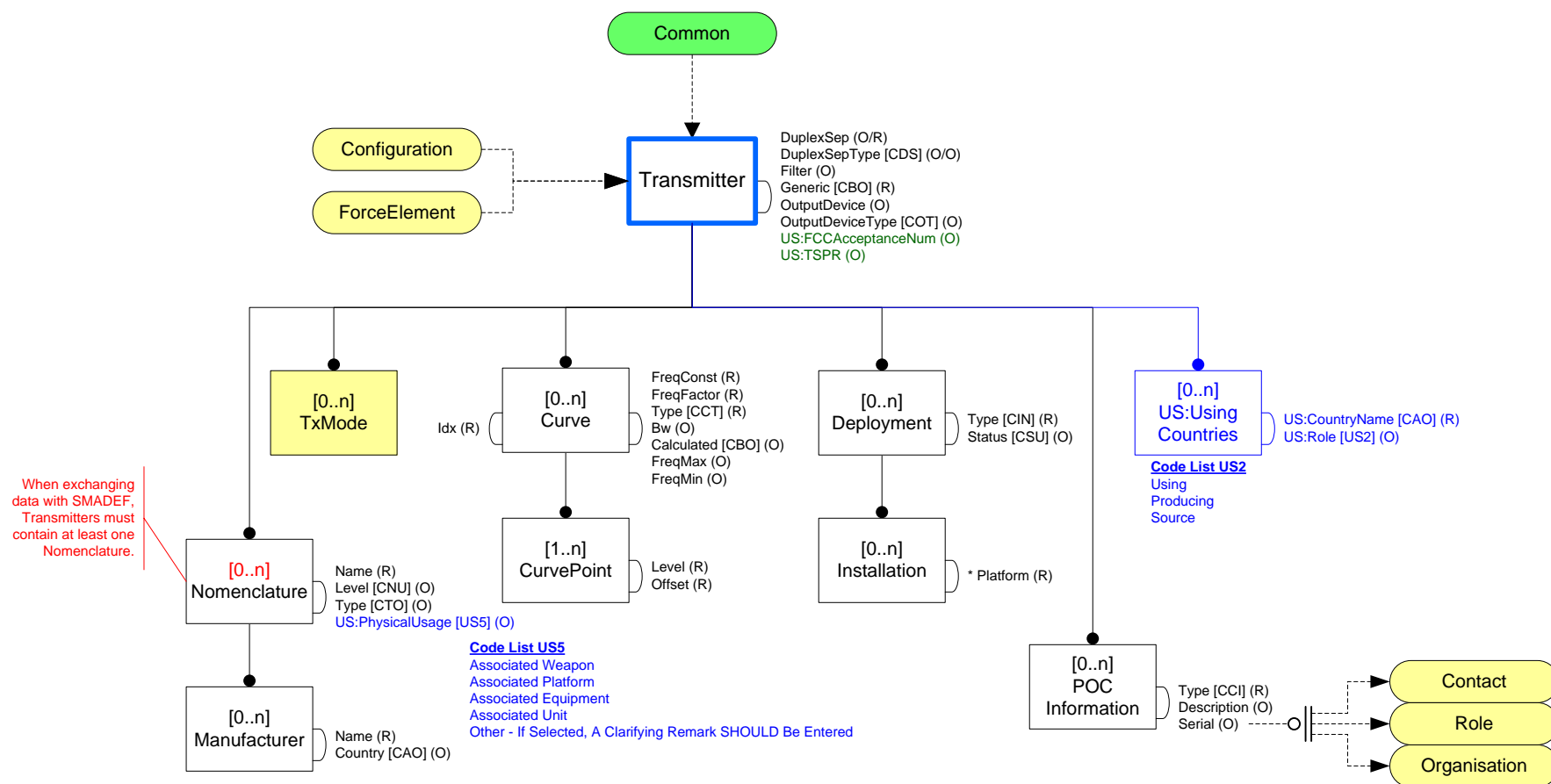


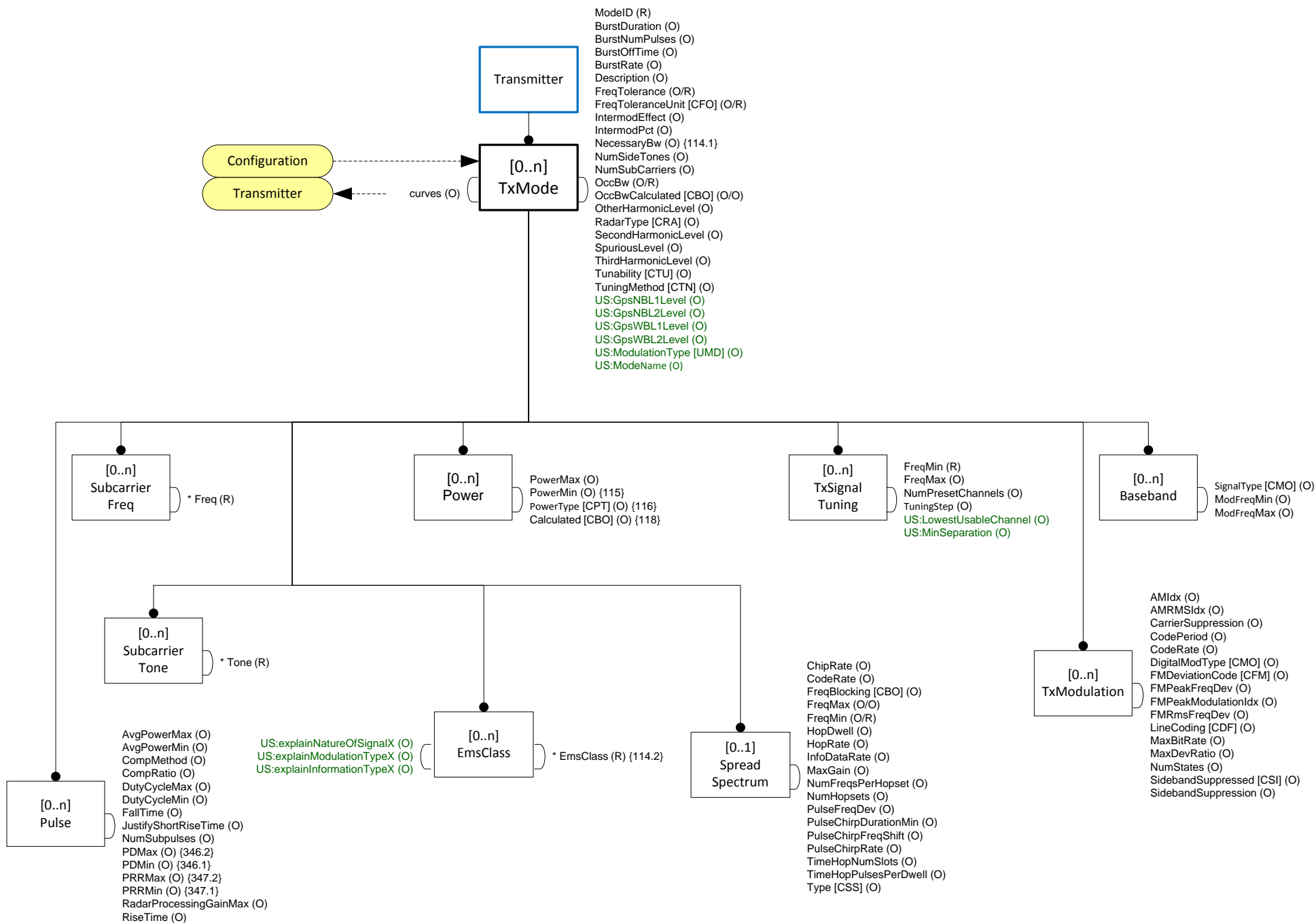


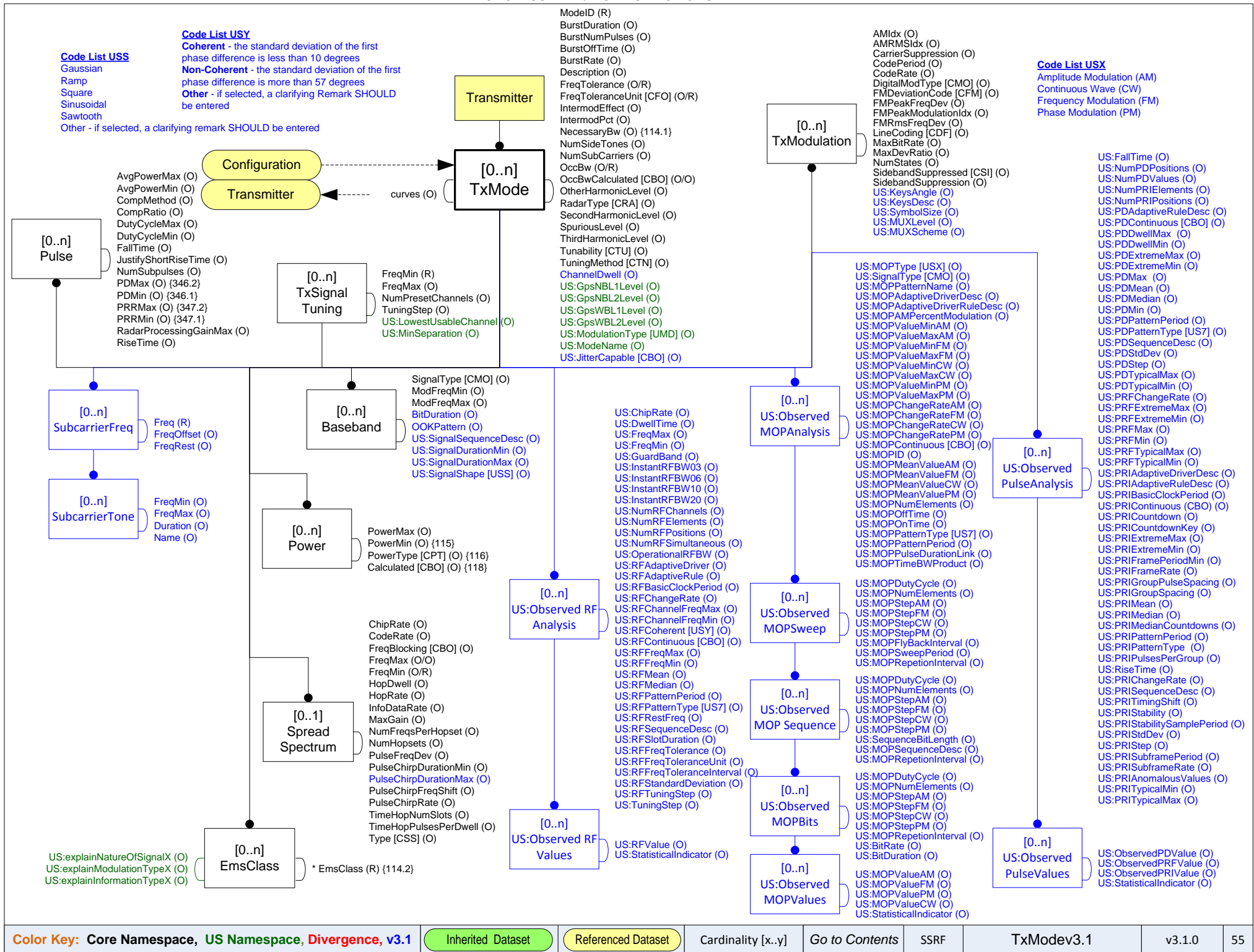












Applying the Standard Attribute Template

- 1. Element model attributes are applied to each Data Item (simple element). Standard attributes only apply to the element content, not to other attributes.
- 2. If attributes remain the same across multiple simple elements, business process rules will ensure consistency. For example, First Name and Last Name, points on the same curve, and the frequencies in a frequency range have the same classification and handling information.

Standard Attribute Model -- Each Leaf Element has:

| Attribute Name | Type | Comment |
|---------------------|--------|----------------------------------------------------------------------------------------------------------------------------------------------|
| cls [CCL] (R) | Single | Security classification of simple elements, overall dataset class of Level 2 dataset |
| remarks (0) | List | RemarkIdx, from level 3 Common data construct, separated by whitespace |
| extReference (0) | List | extReferenceIdx from level 3 Common data construct containing all external references used in the dataset, separated by whitespace |
| US:quality (0) | Single | Choices TBD: Outlier, Non-CodeList, |
| US:recommendedValue | Single | The manually entered, automatically calculated or statistically derived probable correct value, for data items with negative quality entries |
| US:availability (0) | Single | Choices: UNKNOWN, N/A and NAVAIL. Element will most likely be empty. |
| US:idref (0) | Single | Used to keep track of individual data items, when datasets are changed. |

Standard Element Model -- Datasets have cls (Overall Classification), PLUS:

| | | |
|------------------------|-----------|------------------------------------------------------------------------------------------------------------|
| releasability (0) | List | CCY code list for constructing "REL TO" strings - at Level 2 Dataset level, only |
| US:legacyReleasability | Char(250) | May contain decoded RL code table code(s) or other entries from the originating system (SCS, EL-CID, JETS) |

"SUPP" {502}
"RMKS" {503}
"DESCR" {520}

