UN/FLUX Implementation document template

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Introduction

• Practical building blocks

- Standardised Language
  - The basis: UN/FLUX Standard (XML)
  - Standardised Code Lists: Master Data Register
  - Regional rules: Implementation Documents

- Open Source Software tools
  - Exchange data: Transportation Layer
  - View and manage data: i.e. FLUX software
Coordination and Cooperation

• Implementation documents
  • describe how businesses exchange data
    • What must the sender send?
    • How must the receiver react?
  • can be specific for each situation
    • regionally for each RFMO
    • bilaterally between two Parties
Do you understand this?

```xml
<rsm:FLUXReportDocument>
  <rsm:VesselEvent>
    <ram:TypeCode listID="VESSEL_EVENT">MOD</ram:TypeCode>
    <ram:OccurrenceDateTime>
      <udt:DateTime>2015-03-27T00:00:00Z</udt:DateTime>
    </ram:OccurrenceDateTime>
    <ram:RelatedVesselTransportMeans>
      <ram:ID schemeID="CFR">BEL000021964</ram:ID>
      <ram:ID schemeID="EXT_MARK">O.2</ram:ID>
      <ram:ID schemeID="IRCS">OPAB</ram:ID>
      <ram:ID schemeID="REG_NBR">002</ram:ID>
      <ram:ID schemeID="MMSI">123456789</ram:ID>
      <ram:ID schemeID="UVI">1234567</ram:ID>
      <ram:Name>MIKE MICHEL JR</ram:Name>
    </ram:RelatedVesselTransportMeans>
    <ram:TypeCode listID="VESSEL_TYPE">FX</ram:TypeCode>
    <ram:RegistrationVesselCountry>
      <ram:ID schemeID="TERRITORY">BEL</ram:ID>
    </ram:RegistrationVesselCountry>
    <ram:SpecifiedRegistrationEvent>
      <ram:RelatedRegistrationLocation>
        <ram:ID schemeID="VESSEL_PORT">OOSTE</ram:ID>
        <ram:TypeCode listID="FLUX_VESSEL_REGSTR_TYPE">PORT</ram:TypeCode>
      </ram:RelatedRegistrationLocation>
    </ram:SpecifiedRegistrationEvent>
  </rsm:VesselEvent>
</rsm:FLUXReportDocument>
```
Secrets revealed

• Implementation document can contain
  • Introduction
  • Glossary
  • Legal basis
  • References
  • Scope
  • Procedures
  • Data model (XSD) implementation
  • Business rules
  • XML examples
  • Code lists
  • Document versioning
  • .........
For future

- Analyse it
- Test it
- Challenge it
- Use it

send feedback!

- Practical examples of the EU implementation documents
  - CIRCABC site: https://circabc.europa.eu/w/browse/9f30b099-5d1b-4983-9983-6527fcc0905b
  (folder CircaBC / MARE / IFDM DEL / Library / Business Layer / FLUX-P1000)