

ESPPADOM

Echanges financiers – prestataires pour les services à domicile auprès
des personnes en perte d'autonomie

Programme soutenu par
la Caisse nationale de solidarité pour l'autonomie

COMPARAISON DU MESSAGE INVOICE AVEC CHORUS

Résumé : Ce document compare le message ESPPADOM Invoice avec le format utilisé par le service Chorus

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Evolutions

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1 CONTEXTE

La question a été posée, lors de la réunion technique du 15 avril 2016, de savoir s'il était possible de rendre le message Invoice compatible avec les messages attendus par le portail Chorus qui permet aux fournisseurs de biens ou de services de l'État français de lui transmettre des factures dématérialisées.

Ce document compare les balises principales du message Invoice et celles de Chorus telles qu'elles sont publiées, au sein des livrables téléchargeables sur le portail Chorus, au sein du fichier Temp1_Chorus_Factures_Format_UNCEFACT_CII.zip\24_FEN0135A Schéma V1.0.zip

Le but de ce document n'est pas de comparer les deux messages mais d'analyser dans quelles conditions un message Esppadom Invoice serait accepté par Chorus. Il se contente donc de traiter trois cas de figure :

La balise Esppadom n'existe pas au sein de Chorus. De façon évidente, la présence de cette balise entrainera le rejet par Chorus et elle est signalée par une coloration complète en rouge de la balise Esppadom, par exemple :

```
<xsd:element name="EffectiveCISpecifiedPeriod" type="CISpecifiedPeriodType" minOccurs="0"/>
```

La balise Esppadom existe au sein de Chorus mais avec un libellé différent. Le simple fait de la renommer rendrait la rendrait compatible avec Chorus et elle est signalée par une coloration en rouge du seul nom de balise Esppadom, par exemple :

```
<xsd:element name="CIIHExchangedDocumentContext" type="CIIHExchangedDocumentContextType"/>
```

Le dernier cas de figure concerne les problèmes de cardinalité, qui, en pratique, ne concerneraient que les balises qui sont obligatoires pour Chorus et optionnelles pour Esppadom, ou pourraient être multiples au sein d'Esppadom et uniques pour Chorus. Ce problème n'a pas été rencontré dans la partie étudiée.

Ce document ne contient volontairement pas de conclusion. Il existe assez peu de balises spécifiques à Esppadom, et de nombreuses balises dont le nom diffère... si la décision était prise de les renommer, il faudrait le décider de façon urgente.

2 BLOC PRINCIPAL

2.1 RACINE

Esppadom

```
<xsd:complexType name="CrossIndustryInvoiceType">
  <xsd:sequence>
    <xsd:element name="CIIHExchangedDocumentContext" type="CIIHExchangedDocumentContextType"/>
    <xsd:element name="CIIHExchangedDocument" type="CIIHExchangedDocumentType"/>
    <xsd:element name="CIIHSupplyChainTradeTransaction" type="CIIHSupplyChainTradeTransactionType"/>
  </xsd:sequence>
</xsd:complexType>
```

Chorus

Fichier xsd\un\unec\uncefact\data\crossindustryinvoicing\1\draft\CrossIndustryInvoice_1p0.xsd

```
<xsd:complexType name="CrossIndustryInvoiceType">
  <xsd:sequence>
    <xsd:element name="DocumentContext" type="DocumentContextType" minOccurs="0"/>
    <xsd:element name="Document" type="DocumentType"/>
    <xsd:element name="TradeTransaction" type="TradeTransactionType"/>
    <xsd:element name="BreakdownStatement" type="BreakdownStatementType" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>
```

Analyse

Mis à part les noms de balise, un message Esppadom sera valide pour Chorus

2.2 DOCUMENTCONTEXT

Esppadom

```
<xsd:complexType name="CIIHExchangedDocumentContextType">
  <xsd:sequence>
    <xsd:element name="SpecifiedTransactionID" type="IDType_Unqualified"/>
  </xsd:sequence>
</xsd:complexType>
```

Chorus

Fichier xsd\un\unec\uncefact\data\crossindustry\1\draft\ BusinessInformationEntity_1p0.xsd

```
<xsd:complexType name="DocumentContextType">
  <xsd:sequence>
    <xsd:element name="SpecifiedTransactionID" type="IDType_00006" minOccurs="0" maxOccurs="1"/>
    <xsd:element ref="BusinessProcessSpecifiedDocumentContextParameter" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="BIMSpecifiedDocumentContextParameter" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="ScenarioSpecifiedDocumentContextParameter" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="ApplicationSpecifiedDocumentContextParameter" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="GuidelineSpecifiedDocumentContextParameter" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="SubsetSpecifiedDocumentContextParameter" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>
```

Analyse

Un message Esppadom sera valide pour Chorus

2.3 DOCUMENT

Esppadom

```
<xsd:complexType name="CIIHExchangedDocumentType">
```

```

<xsd:sequence>
  <xsd:element name="ID" type="IDType_Unqualified"/>
  <xsd:element name="TypeCode" type="InvoiceDocumentCodeType_CEN_MUG3" minOccurs="0" fixed="380"/>
  <xsd:element name="IssueDateTime" type="DateTimeType"/>
  <xsd:element name="IncludedCINote" type="CINoteType" minOccurs="0"/>
</xsd:sequence>
</xsd:complexType>

```

Chorus

Fichier xsd\un\unecel\uncefact\data\crossindustryinvoicing\1\draft\ BusinessInformationEntity_1p0.xsd

```

<xsd:complexType name="DocumentType">
  <xsd:sequence>
    <xsd:element name="ID" type="IDType_00004" minOccurs="1" maxOccurs="1">
    <xsd:element name="Name" type="TextType_00008" minOccurs="0" maxOccurs="unbounded">
    <xsd:element name="TypeCode" type="CodeType_00002" minOccurs="0" maxOccurs="1">
    <xsd:element name="IssueDateTime" type="DateTimeType_00003" minOccurs="1" maxOccurs="1">
    <xsd:element name="CopyIndicator" type="IndicatorType_00005" minOccurs="0" maxOccurs="1">
    <xsd:element name="Purpose" type="TextType_00008" minOccurs="0" maxOccurs="1">
    <xsd:element name="LanguageID" type="IDType_00004" minOccurs="0" maxOccurs="unbounded">
    <xsd:element name="PurposeCode" type="CodeType_00002" minOccurs="0" maxOccurs="1">
    <xsd:element name="RevisionDateTime" type="DateTimeType_00003" minOccurs="0" maxOccurs="1">
    <xsd:element name="VersionID" type="IDType_00004" minOccurs="0" maxOccurs="1">
    <xsd:element name="GlobalID" type="IDType_00004" minOccurs="0" maxOccurs="1">
    <xsd:element name="RevisionID" type="IDType_00004" minOccurs="0" maxOccurs="1">
    <xsd:element name="PreviousRevisionID" type="IDType_00004" minOccurs="0" maxOccurs="1">
    <xsd:element name="CategoryCode" type="CodeType_00002" minOccurs="0" maxOccurs="1">
    <xsd:element name="ControlRequirementIndicator" type="IndicatorType_00005" minOccurs="0" maxOccurs="1">
    <xsd:element ref="IncludedNote" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="IssuerParty" minOccurs="0" maxOccurs="1">
  </xsd:sequence>
</xsd:complexType>

```

Analyse

Mis à part le nom de la balise IncludedCINote (au lieu de IncludedNote), un message Esppadom sera valide pour Chorus

2.4 TRADETRANSACTION

Esppadom

```

<xsd:complexType name="CIHHSupplyChainTradeTransactionType">
  <xsd:sequence>
    <xsd:element name="ApplicableCIHHSupplyChainTradeAgreement" type="CIHHSupplyChainTradeAgreementType"/>
    <xsd:element name="ApplicableCIHHSupplyChainTradeDelivery" type="CIHHSupplyChainTradeDeliveryType"/>
    <xsd:element name="ApplicableCIHHSupplyChainTradeSettlement" type="CIHHSupplyChainTradeSettlementType"/>
    <xsd:element name="IncludedCIILSupplyChainTradeLineItem" type="CIILSupplyChainTradeLineItemType"
maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>

```

Chorus

Fichier xsd\un\unecel\uncefact\data\crossindustryinvoicing\1\draft\ BusinessInformationEntity_1p0.xsd

```

<xsd:complexType name="DocumentType">
  <xsd:sequence>
    <xsd:element ref="ApplicableTradeAgreement" minOccurs="1" maxOccurs="1">
    <xsd:element ref="ApplicableTradeDelivery" minOccurs="1" maxOccurs="1">
    <xsd:element ref="ApplicableTradeSettlement" minOccurs="1" maxOccurs="1">
    <xsd:element ref="IncludedTradeLineItem" minOccurs="0" maxOccurs="unbounded">
  </xsd:sequence>
</xsd:complexType>

```

Analyse

Mis à part les noms de balises, un message Esppadom sera valide pour Chorus

3 CORPS DU MESSAGE

3.1 APPLICABLETRADEAGREEMENT

Esppadom

```
<xsd:complexType name="CIHSupplyChainTradeAgreementType">
  <xsd:sequence>
    <xsd:element name="SellerCITradeParty" type="CITradePartyType_Seller"/>
    <xsd:element name="BuyerCITradeParty" type="CITradePartyType_Buyer"/>
    <xsd:element name="BuyerOrderReferencedCIReferencedDocument" type="CIReferencedDocumentType_Buyer" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="CIReferencedDocumentType_Buyer">
  <xsd:sequence>
    <xsd:element name="IssuerAssignedID" type="IDUnqualifiedType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="CITradePartyType_Seller">
  <xsd:complexContent>
    <xsd:extension base="CITradePartyType">
      <xsd:sequence>
        <xsd:element name="SpecifiedCITaxRegistration" type="CITaxRegistrationType_Seller" minOccurs="0"/>
        <xsd:element name="EndPointURICIUniversalCommunication" type="CIUniversalCommunicationType_Qualified_URI"
minOccurs="0"/>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>
```

Chorus

Fichier xsd\un\unec\uncefact\data\crossindustryinvoicing\1\draft\ BusinessInformationEntity_1p0.xsd

```
<xsd:element name="SellerParty" type="ci:PartyType"/>
<xsd:element name="BuyerParty" type="ci:PartyType"/>
<xsd:element name="BuyerOrderReferencedReferencedDocument" type="ci:ReferencedDocumentType"/>

<xsd:complexType name="TradeAgreementType">
  <xsd:sequence>
    <xsd:element ref="SellerParty" minOccurs="0" maxOccurs="1">
    <xsd:element ref="BuyerParty" minOccurs="0" maxOccurs="1">
    <xsd:element ref="BuyerAssignedAccountantParty" minOccurs="0" maxOccurs="1">
    <xsd:element ref="SellerAssignedAccountantParty" minOccurs="0" maxOccurs="1">
    <xsd:element ref="BuyerTaxRepresentativeParty" minOccurs="0" maxOccurs="1">
    <xsd:element ref="SellerTaxRepresentativeParty" minOccurs="0" maxOccurs="1">
    <xsd:element ref="ApplicableDeliveryTerms" minOccurs="0" maxOccurs="1">
    <xsd:element ref="SellerOrderReferencedReferencedDocument" minOccurs="0" maxOccurs="1">
    <xsd:element ref="BuyerOrderReferencedReferencedDocument" minOccurs="0" maxOccurs="1">
    <xsd:element ref="QuotationReferencedReferencedDocument" minOccurs="0" maxOccurs="1">
    <xsd:element ref="OrderResponseReferencedReferencedDocument" minOccurs="0" maxOccurs="1">
    <xsd:element ref="ContractReferencedReferencedDocument" minOccurs="0" maxOccurs="1">
    <xsd:element ref="DemandForecastReferencedReferencedDocument" minOccurs="0" maxOccurs="1">
    <xsd:element ref="SupplyInstructionReferencedReferencedDocument" minOccurs="0" maxOccurs="1">
    <xsd:element ref="PromotionalDealReferencedReferencedDocument" minOccurs="0" maxOccurs="1">
    <xsd:element ref="PriceListReferencedReferencedDocument" minOccurs="0" maxOccurs="1">
    <xsd:element ref="AdditionalReferencedReferencedDocument" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="BuyerRequisitionerParty" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="RequisitionerReferencedReferencedDocument" minOccurs="0" maxOccurs="unbounded">
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="ReferencedDocumentType">
  <xsd:sequence>
    <xsd:element name="IssuerAssignedID" type="IDType_00006" minOccurs="1" maxOccurs="1">
    <xsd:element name="URIID" type="IDType_00006" minOccurs="0" maxOccurs="1">
    <xsd:element name="IssueDateTime" type="DateTimeType_00005" minOccurs="0" maxOccurs="1">
    <xsd:element name="StatusCode" type="CodeType_00003" minOccurs="0" maxOccurs="1">
    <xsd:element name="CopyIndicator" type="IndicatorType_00007" minOccurs="0" maxOccurs="1">
```

```

<xsd:element name="LineID" type="IDType_00006" minOccurs="0" maxOccurs="1">
<xsd:element name="ReferenceTypeCode" type="CodeType_00003" minOccurs="0" maxOccurs="1">
<xsd:element name="GlobalID" type="IDType_00006" minOccurs="0" maxOccurs="1">
<xsd:element name="RevisionID" type="IDType_00006" minOccurs="0" maxOccurs="1">
<xsd:element name="Name" type="TextType_00013" minOccurs="0" maxOccurs="unbounded">
<xsd:element ref="IssuerParty" minOccurs="0" maxOccurs="1">
<xsd:element ref="AttachedBinaryFile" minOccurs="0" maxOccurs="unbounded">
</xsd:sequence>
</xsd:complexType>

```

Analyse

Mis à part les noms de balises, un message Esppadom sera valide pour Chorus

3.2 APPLICABLETRADEDELIVERY

Espadom

```

<xsd:complexType name="CIHSupplyChainTradeDeliveryType">
<xsd:sequence>
<xsd:element name="ShipToCITradeParty" type="CITradePartyType_ShipTo" minOccurs="0"/>
<xsd:element name="ActualDeliveryCISupplyChainEvent" type="CIHSupplyChainEventType" minOccurs="0"/>
</xsd:sequence>
</xsd:complexType>

```

```

<xsd:complexType name="CIHSupplyChainEventType">
<xsd:sequence>
<xsd:element name="OccurrenceDateTime" type="DateTimeType" minOccurs="0"/>
</xsd:sequence>
</xsd:complexType>

```

Chorus

Fichier xsd\un\unecel\unefact\data\crossindustryinvoicing\1\draft\ BusinessInformationEntity_1p0.xsd

```

<xsd:element name="ShipToParty" type="ci:PartyType"/>
<xsd:element name="ActualDeliveryEvent" type="ci:EventType"/>

<xsd:complexType name="TradeDeliveryType">
<xsd:sequence>
<xsd:element ref="RelatedConsignment" minOccurs="0" maxOccurs="1">
<xsd:element ref="ShipToParty" minOccurs="0" maxOccurs="1">
<xsd:element ref="UltimateShipToParty" minOccurs="0" maxOccurs="1">
<xsd:element ref="ShipFromParty" minOccurs="0" maxOccurs="1">
<xsd:element ref="ActualDespatchEvent" minOccurs="0" maxOccurs="1">
<xsd:element ref="ActualPick-UpEvent" minOccurs="0" maxOccurs="1">
<xsd:element ref="ActualDeliveryEvent" minOccurs="0" maxOccurs="1">
<xsd:element ref="ActualReceiptEvent" minOccurs="0" maxOccurs="1">
<xsd:element ref="DespatchAdviceReferencedReferencedDocument" minOccurs="0" maxOccurs="1">
<xsd:element ref="ReceivingAdviceReferencedReferencedDocument" minOccurs="0" maxOccurs="1">
<xsd:element ref="DeliveryNoteReferencedReferencedDocument" minOccurs="0" maxOccurs="1">
<xsd:element ref="AdditionalReferencedReferencedDocument" minOccurs="0" maxOccurs="unbounded">
</xsd:sequence>
</xsd:complexType>

```

Fichier xsd\un\unecel\unefact\data\crossindustry\1\draft\ BusinessInformationEntity_1p0.xsd

```

<xsd:complexType name="EventType">
<xsd:sequence>
<xsd:element name="ID" type="IDType_00006" minOccurs="0" maxOccurs="1">
<xsd:element name="OccurrenceDateTime" type="DateTimeType_00005" minOccurs="0" maxOccurs="1">
<xsd:element name="TypeCode" type="CodeType_00003" minOccurs="0" maxOccurs="1">
<xsd:element name="Description" type="TextType_00013" minOccurs="0" maxOccurs="unbounded">
<xsd:element name="DescriptionBinaryObject" type="BinaryObjectType_00002" minOccurs="0" maxOccurs="unbounded">
<xsd:element name="UnitQuantity" type="QuantityType_00011" minOccurs="0" maxOccurs="1">
<xsd:element ref="OccurrenceSpecifiedPeriod" minOccurs="0" maxOccurs="1">
<xsd:element ref="OccurrenceLocation" minOccurs="0" maxOccurs="1">
</xsd:sequence>
</xsd:complexType>

```

Analyse

Mis à part les noms de balises, un message Esppadom sera valide pour Chorus.

3.3 APPLICABLETRADESETTLEMENT

Esppadom

```
<xsd:complexType name="CIISupplyChainTradeSettlementType">
  <xsd:sequence>
    <xsd:element name="DuePayableAmount" type="AmountType"/>
    <xsd:element name="PaymentReference" type="TextType" minOccurs="0"/>
    <xsd:element name="InvoiceCurrencyCode" type="CodeType_ISO_4217"/>
    <xsd:element name="SpecifiedCITradeSettlementPaymentMeans" type="CITradeSettlementPaymentMeansType" minOccurs="0"/>
    <xsd:element name="ApplicableCITradeTax" type="CITradeTaxType" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="BillingCISpecifiedPeriod" type="CISpecifiedPeriodType" minOccurs="0"/>
    <xsd:element name="SpecifiedCITradeAllowanceCharge" type="CIIHTradeAllowanceChargeType" minOccurs="0"
maxOccurs="unbounded"/>
    <xsd:element name="SpecifiedCITradePaymentTerms" type="CITradePaymentTermsType" minOccurs="0"/>
    <xsd:element name="SpecifiedCIIHTradeSettlementMonetarySummation" type="CIIHTradeSettlementMonetarySummationType"/>
    <xsd:element name="ReceivableSpecifiedCITradeAccountingAccount" type="CITradeAccountingAccountType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="CITradeSettlementPaymentMeansType">
  <xsd:sequence>
    <xsd:element name="TypeCode" type="CodeType_CEN_MUG4" minOccurs="0"/>
    <xsd:element name="PayeePartyCICreditorFinancialAccount" type="CICreditorFinancialAccountType" minOccurs="0"/>
    <xsd:element name="PayeeSpecifiedCICreditorFinancialInstitution" type="CICreditorFinancialInstitutionType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="CITradeTaxType">
  <xsd:sequence>
    <xsd:element name="CalculatedAmount" type="AmountType"/>
    <xsd:element name="TypeCode" type="TaxTypeCodeType_UNCL_5153" fixed="VAT"/>
    <xsd:element name="ExemptionReason" type="TextType" minOccurs="0"/>
    <xsd:element name="BasisAmount" type="AmountType"/>
    <xsd:element name="CategoryCode" type="CodeType_CEN_MUG1"/>
    <xsd:element name="RateApplicablePercent" type="PercentType"/>
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="CIIHTradeAllowanceChargeType">
  <xsd:sequence>
    <xsd:element name="ChargeIndicator" type="IndicatorType"/>
    <xsd:element name="ActualAmount" type="AmountType"/>
    <xsd:element name="ReasonCode" type="AdjustmentReasonCodeUNCL4465Type" minOccurs="0"/>
    <xsd:element name="Reason" type="TextType"/>
    <xsd:element name="CategoryCITradeTax" type="CITradeTaxType_Category" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="CITradePaymentTermsType">
  <xsd:sequence>
    <xsd:element name="Description" type="TextType" minOccurs="0"/>
    <xsd:element name="DueDateDateTime" type="DateTimeType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>

<xsd:complexType name="CIIHTradeSettlementMonetarySummationType">
  <xsd:sequence>
    <xsd:element name="LineTotalAmount" type="AmountType"/>
    <xsd:element name="ChargeTotalAmount" type="AmountType" minOccurs="0"/>
    <xsd:element name="AllowanceTotalAmount" type="AmountType" minOccurs="0"/>
    <xsd:element name="TaxBasisTotalAmount" type="AmountType"/>
    <xsd:element name="TaxTotalAmount" type="AmountType" minOccurs="0" maxOccurs="2"/>
    <xsd:element name="RoundingAmount" type="AmountType" minOccurs="0"/>
    <xsd:element name="GrandTotalAmount" type="AmountType"/>
    <xsd:element name="TotalPrepaidAmount" type="AmountType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```



```

<xsd:complexType name="CITradeAccountingAccountType">
  <xsd:sequence>
    <xsd:element name="ID" type="IDUnqualifiedType"/>
  </xsd:sequence>
</xsd:complexType>

```

Chorus

Fichier xsd\un\unece\uncefact\data\crossindustryinvoicing\1\draft\ BusinessInformationEntity_1p0.xsd

```

<xsd:element name="ApplicableTax" type="ci:TaxType"/>
<xsd:element name="BillingSpecifiedPeriod" type="ci:SpecifiedPeriodType"/>
<xsd:element name="ReceivableSpecifiedAccountingAccount" type="ci:AccountingAccountType"/>
<xsd:element name="SpecifiedAllowanceCharge" type="ci:AllowanceChargeType"/>
<xsd:element name="SpecifiedMonetarySummation" type="MonetarySummationType"/>
<xsd:element name="SpecifiedPaymentMeans" type="ci:PaymentMeansType"/>
<xsd:element name="SpecifiedPaymentTerms" type="ci:PaymentTermsType"/>

<xsd:complexType name="TradeSettlementType">
  <xsd:sequence>
    <xsd:element name="DuePayableAmount" type="AmountType_00001" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="CreditorReferenceID" type="IDType_00004" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="PaymentReference" type="TextType_00008" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="TaxCurrencyCode" type="CodeType_00002" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="InvoiceCurrencyCode" type="CodeType_00002" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="PaymentCurrencyCode" type="CodeType_00002" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="CreditorReferenceTypeCode" type="CodeType_00002" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="CreditorReferenceType" type="TextType_00008" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="CreditorReferenceIssuerID" type="IDType_00004" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="InvoicerParty" minOccurs="0" maxOccurs="1"/>
    <xsd:element ref="InvoiceeParty" minOccurs="0" maxOccurs="1"/>
    <xsd:element ref="PayeeParty" minOccurs="0" maxOccurs="1"/>
    <xsd:element ref="PayerParty" minOccurs="0" maxOccurs="1"/>
    <xsd:element ref="TaxApplicableCurrencyExchange" minOccurs="0" maxOccurs="1"/>
    <xsd:element ref="InvoiceApplicableCurrencyExchange" minOccurs="0" maxOccurs="1"/>
    <xsd:element ref="PaymentApplicableCurrencyExchange" minOccurs="0" maxOccurs="1"/>
    <xsd:element ref="SpecifiedPaymentMeans" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="ApplicableTax" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="BillingSpecifiedPeriod" minOccurs="0" maxOccurs="1"/>
    <xsd:element ref="SpecifiedAllowanceCharge" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="SubtotalCalculatedTax" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="SpecifiedLogisticsServiceCharge" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="SpecifiedPaymentTerms" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="SpecifiedMonetarySummation" minOccurs="0" maxOccurs="1"/>
    <xsd:element ref="SpecifiedFinancialAdjustment" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="InvoiceReferencedReferencedDocument" minOccurs="0" maxOccurs="1"/>
    <xsd:element ref="Pro-FormalInvoiceReferencedReferencedDocument" minOccurs="0" maxOccurs="1"/>
    <xsd:element ref="LetterOfCreditReferencedReferencedDocument" minOccurs="0" maxOccurs="1"/>
    <xsd:element ref="SpecifiedFinancialCard" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="PayableSpecifiedAccountingAccount" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="ReceivableSpecifiedAccountingAccount" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="PurchaseSpecifiedAccountingAccount" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="SalesSpecifiedAccountingAccount" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="FactoringAgreementReferencedReferencedDocument" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="FactoringListReferencedReferencedDocument" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>

```

Fichier xsd\un\unece\uncefact\data\crossindustry\1\draft\ BusinessInformationEntity_1p0.xsd

```

<xsd:complexType name="PaymentMeansType">
  <xsd:sequence>
    <xsd:element name="PaymentChannelCode" type="CodeType_00003" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="TypeCode" type="CodeType_00003" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="GuaranteeMethodCode" type="CodeType_00003" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="PaymentMethodCode" type="CodeType_00003" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="ID" type="IDType_00006" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="PayerPartyDebtorFinancialAccount" minOccurs="0" maxOccurs="1"/>
    <xsd:element ref="PayeePartyCreditorFinancialAccount" minOccurs="0" maxOccurs="1"/>
    <xsd:element ref="PayerSpecifiedDebtorFinancialInstitution" minOccurs="0" maxOccurs="1"/>
    <xsd:element ref="PayeeSpecifiedCreditorFinancialInstitution" minOccurs="0" maxOccurs="1"/>
    <xsd:element ref="ApplicableFinancialCard" minOccurs="0" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>

```

```

<xsd:complexType name="TaxType">
  <xsd:sequence>
    <xsd:element name="CalculatedAmount" type="AmountType_00001" minOccurs="0" maxOccurs="unbounded">
    <xsd:element name="TypeCode" type="CodeType_00003" minOccurs="0" maxOccurs="1">
    <xsd:element name="ExemptionReason" type="TextType_00013" minOccurs="0" maxOccurs="1">
    <xsd:element name="CalculatedRate" type="RateType_00012" minOccurs="0" maxOccurs="1">
    <xsd:element name="CalculationSequenceOrdinal" type="OrdinalType_00009" minOccurs="0" maxOccurs="1">
    <xsd:element name="BasisQuantity" type="QuantityType_00011" minOccurs="0" maxOccurs="1">
    <xsd:element name="BasisAmount" type="AmountType_00001" minOccurs="0" maxOccurs="unbounded">
    <xsd:element name="UnitBasisAmount" type="AmountType_00001" minOccurs="0" maxOccurs="unbounded">
    <xsd:element name="CategoryCode" type="CodeType_00003" minOccurs="0" maxOccurs="1">
    <xsd:element name="CurrencyCode" type="CodeType_00003" minOccurs="0" maxOccurs="1">
    <xsd:element name="Jurisdiction" type="TextType_00013" minOccurs="0" maxOccurs="unbounded">
    <xsd:element name="CustomsDutyIndicator" type="IndicatorType_00007" minOccurs="0" maxOccurs="1">
    <xsd:element name="ExemptionReasonCode" type="CodeType_00003" minOccurs="0" maxOccurs="1">
    <xsd:element name="TaxBasisAllowanceRate" type="RateType_00012" minOccurs="0" maxOccurs="1">
    <xsd:element name="TaxPointDate" type="DateType_00004" minOccurs="0" maxOccurs="1">
    <xsd:element name="Type" type="TextType_00013" minOccurs="0" maxOccurs="1">
    <xsd:element name="InformationAmount" type="AmountType_00001" minOccurs="0" maxOccurs="unbounded">
    <xsd:element name="CategoryName" type="TextType_00013" minOccurs="0" maxOccurs="unbounded">
    <xsd:element name="DueDateTypeCode" type="CodeType_00003" minOccurs="0" maxOccurs="1">
    <xsd:element ref="SpecifiedAccountingAccount" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="BuyerDeductibleTaxSpecifiedAccountingAccount" minOccurs="0" maxOccurs="1">
    <xsd:element ref="BuyerNon-DeductibleTaxSpecifiedAccountingAccount" minOccurs="0" maxOccurs="1">
    <xsd:element ref="BuyerRepayableTaxSpecifiedAccountingAccount" minOccurs="0" maxOccurs="1">
    <xsd:element ref="SellerPayableTaxSpecifiedAccountingAccount" minOccurs="0" maxOccurs="1">
    <xsd:element ref="SellerRefundableTaxSpecifiedAccountingAccount" minOccurs="0" maxOccurs="1">
    <xsd:element ref="ServiceSupplyCountry" minOccurs="0" maxOccurs="1">
  </xsd:sequence>
</xsd:complexType>

```

Analyse

Mis à part les noms de balises, un message Esppadom sera valide pour Chorus.

3.4 INCLUDEDTRADELINITEM

Esppadom

```

<xsd:complexType name="CIILSupplyChainTradeLineItem">
  <xsd:sequence>
    <xsd:element name="AssociatedCIILDocumentLineDocument" type="CIILDocumentLineDocumentType"/>
    <xsd:element name="SpecifiedCIILSupplyChainTradeAgreement" type="CIILSupplyChainTradeAgreementType" minOccurs="0"/>
    <xsd:element name="SpecifiedCIILSupplyChainTradeDelivery" type="CIILSupplyChainTradeDeliveryType"/>
    <xsd:element name="SpecifiedCIILSupplyChainTradeSettlement" type="CIILSupplyChainTradeSettlementType"/>
    <xsd:element name="SpecifiedCIITradeProduct" type="CIITradeProductType"/>
  </xsd:sequence>
</xsd:complexType>

```

Chorus

Fichier xsd\un\unecel\uncefact\data\crossindustryinvoicing\1\draft\ BusinessInformationEntity_1p0.xsd

```

<xsd:element name="AssociatedDocumentLineDocument" type="DocumentLineDocumentType"/>
<xsd:element name="SpecifiedLineItemTradeAgreement" type="LineItemTradeAgreementType"/>
<xsd:element name="SpecifiedLineItemTradeDelivery" type="LineItemTradeDeliveryType"/>
<xsd:element name="SpecifiedLineItemTradeSettlement" type="LineItemTradeSettlementType"/>
<xsd:element name="SpecifiedProduct" type="ci:ProductType"/>

<xsd:complexType name="TradeLineItem">
  <xsd:sequence>
    <xsd:element ref="AssociatedDocumentLineDocument" minOccurs="1" maxOccurs="1">
    <xsd:element ref="SpecifiedLineItemTradeAgreement" minOccurs="0" maxOccurs="1">
    <xsd:element ref="SpecifiedLineItemTradeDelivery" minOccurs="0" maxOccurs="1">
    <xsd:element ref="SpecifiedLineItemTradeSettlement" minOccurs="1" maxOccurs="1">
    <xsd:element ref="SpecifiedProduct" minOccurs="0" maxOccurs="1">
  </xsd:sequence>
</xsd:complexType>

```

3.4.1 AssociatedDocumentLineDocument

Esppadom

```
<xsd:complexType name="CIILDocumentLineDocumentType">
  <xsd:sequence>
    <xsd:element name="LineID" type="IDType_Unqualified"/>
    <xsd:element name="OrderID" type="IDType_Unqualified"/>
    <xsd:element name="IncludedCINote" type="CINoteType" minOccurs="0"/>
    <xsd:element name="EffectiveCISpecifiedPeriod" type="CISpecifiedPeriodType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

Chorus

Fichier xsd\un\unece\uncefact\data\crossindustryinvoicing\1\draft\ BusinessInformationEntity_1p0.xsd

```
<xsd:element name="IncludedNote" type="ci:NoteType"/>

<xsd:complexType name="DocumentLineDocumentType">
  <xsd:sequence>
    <xsd:element name="LineID" type="IDType_00004" minOccurs="0" maxOccurs="1">
    <xsd:element name="LineStatusCode" type="CodeType_00002" minOccurs="0" maxOccurs="1">
    <xsd:element name="LineStatusReasonCode" type="CodeType_00002" minOccurs="0" maxOccurs="1">
    <xsd:element ref="IncludedNote" minOccurs="0" maxOccurs="unbounded">
  </xsd:sequence>
</xsd:complexType>
```

3.4.2 SpecifiedLineItemTradeAgreement

Esppadom

```
<xsd:complexType name="CIILSupplyChainTradeAgreementType">
  <xsd:sequence>
    <xsd:element name="BuyerOrderReferencedCIReferencedDocument" type="CIReferencedDocumentType_OrderReference"
minOccurs="0"/>
    <xsd:element name="GrossPriceProductCITradePrice" type="CITradePriceType_Gross" minOccurs="0"/>
    <xsd:element name="NetPriceProductCITradePrice" type="CITradePriceType_Net" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

Chorus

Fichier xsd\un\unece\uncefact\data\crossindustryinvoicing\1\draft\ BusinessInformationEntity_1p0.xsd

```
<xsd:complexType name="LineItemTradeAgreementType">
  <xsd:sequence>
    <xsd:element ref="ApplicableDeliveryTerms" minOccurs="0" maxOccurs="1">
    <xsd:element ref="SellerOrderReferencedReferencedDocument" minOccurs="0" maxOccurs="1">
    <xsd:element ref="BuyerOrderReferencedReferencedDocument" minOccurs="0" maxOccurs="1">
    <xsd:element ref="QuotationReferencedReferencedDocument" minOccurs="0" maxOccurs="1">
    <xsd:element ref="ContractReferencedReferencedDocument" minOccurs="0" maxOccurs="1">
    <xsd:element ref="DemandForecastReferencedReferencedDocument" minOccurs="0" maxOccurs="1">
    <xsd:element ref="AdditionalReferencedReferencedDocument" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="GrossPriceProductPrice" minOccurs="0" maxOccurs="1">
    <xsd:element ref="NetPriceProductPrice" minOccurs="0" maxOccurs="1">
    <xsd:element ref="BuyerRequisitionerParty" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="RequisitionerReferencedReferencedDocument" minOccurs="0" maxOccurs="unbounded">
  </xsd:sequence>
</xsd:complexType>
```

3.4.3 SpecifiedLineItemTradeDelivery

Esppadom

```
<xsd:complexType name="CIILSupplyChainTradeDeliveryType">
  <xsd:sequence>
    <xsd:element name="BilledQuantity" type="QuantityType"/>
  </xsd:sequence>
</xsd:complexType>
```

Chorus

Fichier xsd\un\unecel\uncefact\data\crossindustryinvoicing\1\draft\ BusinessInformationEntity_1p0.xsd

```
<xsd:complexType name="LinItemTradeDeliveryType">
  <xsd:sequence>
    <xsd:element name="BilledQuantity" type="QuantityType_00007" minOccurs="0" maxOccurs="1">
    <xsd:element name="ChargeFreeQuantity" type="QuantityType_00007" minOccurs="0" maxOccurs="1">
    <xsd:element name="PackageQuantity" type="QuantityType_00007" minOccurs="0" maxOccurs="1">
    <xsd:element name="ProductUnitQuantity" type="QuantityType_00007" minOccurs="0" maxOccurs="1">
    <xsd:element name="PerPackageUnitQuantity" type="QuantityType_00007" minOccurs="0" maxOccurs="1">
    <xsd:element name="NetWeightMeasure" type="MeasureType_00006" minOccurs="0" maxOccurs="1">
    <xsd:element name="GrossWeightMeasure" type="MeasureType_00006" minOccurs="0" maxOccurs="1">
    <xsd:element name="TheoreticalWeightMeasure" type="MeasureType_00006" minOccurs="0" maxOccurs="1">
    <xsd:element ref="SpecifiedDeliveryAdjustment" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="IncludedPackaging" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="RelatedConsignment" minOccurs="0" maxOccurs="1">
    <xsd:element ref="ShipToParty" minOccurs="0" maxOccurs="1">
    <xsd:element ref="UltimateShipToParty" minOccurs="0" maxOccurs="1">
    <xsd:element ref="ShipFromParty" minOccurs="0" maxOccurs="1">
    <xsd:element ref="ActualDespatchEvent" minOccurs="0" maxOccurs="1">
    <xsd:element ref="ActualPick-UpEvent" minOccurs="0" maxOccurs="1">
    <xsd:element ref="RequestedDeliveryEvent" minOccurs="0" maxOccurs="1">
    <xsd:element ref="ActualDeliveryEvent" minOccurs="0" maxOccurs="1">
    <xsd:element ref="ActualReceiptEvent" minOccurs="0" maxOccurs="1">
    <xsd:element ref="DespatchAdviceReferencedReferencedDocument" minOccurs="0" maxOccurs="1">
    <xsd:element ref="ReceivingAdviceReferencedReferencedDocument" minOccurs="0" maxOccurs="1">
    <xsd:element ref="DeliveryNoteReferencedReferencedDocument" minOccurs="0" maxOccurs="1">
    <xsd:element ref="AdditionalReferencedReferencedDocument" minOccurs="0" maxOccurs="unbounded">
  </xsd:sequence>
</xsd:complexType>
```

3.4.4 SpecifiedLinItemTradeSettlement

Esppadom

```
<xsd:complexType name="CIILSupplyChainTradeSettlementType">
  <xsd:sequence>
    <xsd:element name="ApplicableCITradeTax" type="CITradeTaxType_Category" minOccurs="0"/>
    <xsd:element name="SpecifiedCIILTradeSettlementMonetarySummation" type="CIILTradeSettlementMonetarySummationType"/>
  </xsd:sequence>
</xsd:complexType>
```

Chorus

Fichier xsd\un\unecel\uncefact\data\crossindustryinvoicing\1\draft\ BusinessInformationEntity_1p0.xsd

```
<xsd:complexType name="LinItemTradeSettlementType">
  <xsd:sequence>
    <xsd:element name="PaymentReference" type="TextType_00008" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="ApplicableTax" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="BillingSpecifiedPeriod" minOccurs="0" maxOccurs="1">
    <xsd:element ref="SpecifiedAllowanceCharge" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="SubtotalCalculatedTax" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="SpecifiedLogisticsServiceCharge" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="SpecifiedPaymentTerms" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="SpecifiedLinItemMonetarySummation" minOccurs="0" maxOccurs="1">
    <xsd:element ref="SpecifiedFinancialAdjustment" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="InvoiceReferencedReferencedDocument" minOccurs="0" maxOccurs="1">
    <xsd:element ref="AdditionalReferencedReferencedDocument" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="SpecifiedFinancialCard" minOccurs="0" maxOccurs="1">
    <xsd:element ref="PayableSpecifiedAccountingAccount" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="ReceivableSpecifiedAccountingAccount" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="PurchaseSpecifiedAccountingAccount" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="SalesSpecifiedAccountingAccount" minOccurs="0" maxOccurs="unbounded">
  </xsd:sequence>
</xsd:complexType>
```

3.4.5 SpecifiedProduct

Esppadom

```

<xsd:complexType name="CITradeProductType">
  <xsd:sequence>
    <xsd:element name="ID" type="IDQualifiedType"/>
    <xsd:element name="Name" type="TextType"/>
  </xsd:sequence>
</xsd:complexType>

```

Chorus

Fichier xsd\un\unecel\uncefact\data\crossindustry\1\draft\ BusinessInformationEntity_1p0.xsd

```

<xsd:complexType name="ProductType">
  <xsd:sequence>
    <xsd:element name="ID" type="IDType_00006" minOccurs="0" maxOccurs="1">
    <xsd:element name="GlobalID" type="IDType_00006" minOccurs="0" maxOccurs="1">
    <xsd:element name="SellerAssignedID" type="IDType_00006" minOccurs="0" maxOccurs="1">
    <xsd:element name="BuyerAssignedID" type="IDType_00006" minOccurs="0" maxOccurs="1">
    <xsd:element name="ManufacturerAssignedID" type="IDType_00006" minOccurs="0" maxOccurs="1">
    <xsd:element name="Name" type="TextType_00013" minOccurs="0" maxOccurs="1">
    <xsd:element name="TradeName" type="TextType_00013" minOccurs="0" maxOccurs="1">
    <xsd:element name="Description" type="TextType_00013" minOccurs="0" maxOccurs="1">
    <xsd:element name="TypeCode" type="CodeType_00003" minOccurs="0" maxOccurs="1">
    <xsd:element name="NetWeightMeasure" type="MeasureType_00008" minOccurs="0" maxOccurs="1">
    <xsd:element name="GrossWeightMeasure" type="MeasureType_00008" minOccurs="0" maxOccurs="1">
    <xsd:element ref="ApplicableProductCharacteristic" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="ApplicableMaterialGoodsCharacteristic" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="DesignatedProductClassification" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="IndividualProductInstance" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="CertificationEvidenceReferenceReferencedDocument" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="InspectionReferenceReferencedDocument" minOccurs="0" maxOccurs="unbounded">
    <xsd:element ref="OriginCountry" minOccurs="0" maxOccurs="1">
    <xsd:element ref="LinearSpatialDimension" minOccurs="0" maxOccurs="1">
    <xsd:element ref="MinimumLinearSpatialDimension" minOccurs="0" maxOccurs="1">
    <xsd:element ref="MaximumLinearSpatialDimension" minOccurs="0" maxOccurs="1">
    <xsd:element ref="ManufacturerParty" minOccurs="0" maxOccurs="1">
  </xsd:sequence>
</xsd:complexType>

```

4 PARTYTYPE

4.1 TYPE PRINCIPAL

Esppadom

```
<xsd:complexType name="CITradePartyType">
  <xsd:sequence>
    <xsd:element name="ID" type="IDQualifiedType"/>
    <xsd:element name="Name" type="TextType"/>
    <xsd:element name="SIRET" type="TextType" minOccurs="0"/>
    <xsd:element name="Civility" type="CodeQualifiedType" minOccurs="0"/>
    <xsd:element name="FirstName" type="TextType" minOccurs="0"/>
    <xsd:element name="LastName" type="TextType" minOccurs="0"/>
    <xsd:element name="BirthDate" type="DateMandatoryDateTimeType" minOccurs="0"/>
    <xsd:element name="DefinedCITradeContact" type="CITradeContactType" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="PostalCITradeAddress" type="CITradeAddressType" minOccurs="0"/>
    <xsd:element name="ContextShipTo" type="ContextShipToType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

Chorus

Fichier xsd\un\unece\uncefact\data\crossindustry\1\draft\ BusinessInformationEntity_1p0.xsd

```
<xsd:complexType name="PartyType">
  <xsd:sequence>
    <xsd:element name="ID" type="IDType_00006" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="GlobalID" type="IDType_00006" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="Name" type="TextType_00013" minOccurs="0" maxOccurs="1"/>
    <xsd:element ref="SpecifiedLegalOrganization" minOccurs="0" maxOccurs="1"/>
    <xsd:element ref="DefinedContact" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="PostalAddress" minOccurs="0" maxOccurs="1"/>
    <xsd:element ref="URICommunication" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="SpecifiedTaxRegistration" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element ref="EndPointURICommunication" minOccurs="0" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```

Analyse

Le message Esppadom contient de nombreuses balises qui n'existent pas dans le message Chorus.

4.2 DEFINEDCONTACT

Esppadom

```
<xsd:complexType name="CITradeContactType">
  <xsd:sequence>
    <xsd:element name="PersonName" type="TextType" minOccurs="0"/>
    <xsd:element name="TypeCode" type="CodeQualifiedType" minOccurs="0"/>
    <xsd:element name="TelephoneCIUniversalCommunication" type="CIUniversalCommunicationNumberType" minOccurs="0"/>
    <xsd:element name="MobileTelephoneCIUniversalCommunication" type="CIUniversalCommunicationNumberType"
minOccurs="0"/>
    <xsd:element name="EmailURICIUniversalCommunication" type="CIUniversalCommunicationUnqualifiedURIType" minOccurs="0"/>
    <xsd:element name="PostalAddress" type="CITradeAddressType" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

Chorus

Fichier xsd\un\unece\uncefact\data\crossindustry\1\draft\ BusinessInformationEntity_1p0.xsd

```
<xsd:complexType name="ContactType">
  <xsd:sequence>
    <xsd:element name="ID" type="IDType_00006" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="PersonName" type="TextType_00013" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="DepartmentName" type="TextType_00013" minOccurs="0" maxOccurs="1"/>
    <xsd:element name="TypeCode" type="CodeType_00003" minOccurs="0" maxOccurs="1"/>
  </xsd:sequence>
</xsd:complexType>
```



```

<xsd:element name="JobTitle" type="TextType_00013" minOccurs="0" maxOccurs="1">
<xsd:element name="Responsibility" type="TextType_00013" minOccurs="0" maxOccurs="1">
<xsd:element name="PersonID" type="IDType_00006" minOccurs="0" maxOccurs="unbounded">
<xsd:element ref="TelephoneCommunication" minOccurs="0" maxOccurs="1">
<xsd:element ref="DirectTelephoneCommunication" minOccurs="0" maxOccurs="1">
<xsd:element ref="MobileTelephoneCommunication" minOccurs="0" maxOccurs="1">
<xsd:element ref="FaxCommunication" minOccurs="0" maxOccurs="1">
<xsd:element ref="EmailURICommunication" minOccurs="0" maxOccurs="1">
<xsd:element ref="TelexCommunication" minOccurs="0" maxOccurs="1">
<xsd:element ref="VOIPCommunication" minOccurs="0" maxOccurs="1">
<xsd:element ref="InstantMessagingCommunication" minOccurs="0" maxOccurs="1">
<xsd:element ref="SpecifiedNote" minOccurs="0" maxOccurs="unbounded">
</xsd:sequence>
</xsd:complexType>

```

Analyse

Le message Esppadom contient de nombreuses balises qui n'existent pas dans le message Chorus.

4.3 POSTALADDRESS

Esppadom

```

<xsd:complexType name="CITradeAddressType">
<xsd:sequence>
<xsd:element name="LineOne" type="TextType"/>
<xsd:element name="LineTwo" type="TextType" minOccurs="0"/>
<xsd:element name="PostcodeCode" type="CodePostCodeType" minOccurs="0"/>
<xsd:element name="CityName" type="TextType"/>
<xsd:element name="CountryID" type="IDISO3166Type"/>
</xsd:sequence>
</xsd:complexType>

```

Chorus

Fichier xsd\un\unec\uncefact\data\crossindustry\1\draft\ BusinessInformationEntity_1p0.xsd

```

<xsd:complexType name="AddressType">
<xsd:sequence>
<xsd:element name="ID" type="IDType_00006" minOccurs="0" maxOccurs="1">
<xsd:element name="PostcodeCode" type="CodeType_00003" minOccurs="0" maxOccurs="1">
<xsd:element name="PostOfficeBox" type="TextType_00013" minOccurs="0" maxOccurs="1">
<xsd:element name="BuildingName" type="TextType_00013" minOccurs="0" maxOccurs="1">
<xsd:element name="LineOne" type="TextType_00013" minOccurs="0" maxOccurs="1">
<xsd:element name="LineTwo" type="TextType_00013" minOccurs="0" maxOccurs="1">
<xsd:element name="LineThree" type="TextType_00013" minOccurs="0" maxOccurs="1">
<xsd:element name="LineFour" type="TextType_00013" minOccurs="0" maxOccurs="1">
<xsd:element name="LineFive" type="TextType_00013" minOccurs="0" maxOccurs="1">
<xsd:element name="StreetName" type="TextType_00013" minOccurs="0" maxOccurs="1">
<xsd:element name="CityName" type="TextType_00013" minOccurs="0" maxOccurs="1">
<xsd:element name="CitySub-DivisionName" type="TextType_00013" minOccurs="0" maxOccurs="1">
<xsd:element name="CountryID" type="IDType_00006" minOccurs="0" maxOccurs="1">
<xsd:element name="CountryName" type="TextType_00013" minOccurs="0" maxOccurs="unbounded">
<xsd:element name="CountrySub-DivisionID" type="IDType_00006" minOccurs="0" maxOccurs="1">
<xsd:element name="CountrySub-DivisionName" type="TextType_00013" minOccurs="0" maxOccurs="unbounded">
<xsd:element name="AttentionOf" type="TextType_00013" minOccurs="0" maxOccurs="1">
<xsd:element name="CareOf" type="TextType_00013" minOccurs="0" maxOccurs="1">
<xsd:element name="BuildingNumber" type="TextType_00013" minOccurs="0" maxOccurs="1">
</xsd:sequence>
</xsd:complexType>

```

Analyse

Le message Esppadom est valide pour Chorus.