



Financial products Markup Language

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1 Global Complex Types

1.1 DealIdentifier

1.1.1 Description:

The reference to an agreement entered into between the borrower, the lenders, the agent, and other financial parties that describes the terms and conditions of the loan being made to the borrower and the obligations and requirements for the borrower, its related entities (if any), and the lenders. List of Ids should include at least CUSIP (if exists) and system Id of the system that generates the notice.

1.1.2 Contents:

Inherited element(s): (This definition inherits the content defined by the type Product)

- The base type which all FpML products extend.

dealName (zero or one occurrence; of the type xsd:string) Usually defined as Legal Borrower Name + Credit Agreement Date (mm/yyyy)

creditAgreementDate (zero or one occurrence; of the type xsd:date) The credit agreement date is the closing date (the date where the agreement has been signed) for the loans in the credit agreement. Funding of the facilities occurs on (or sometimes a little after) the Credit Agreement date.

1.1.3 Used by:

1.1.4 Derived Types:

1.1.5 Figure:

1.1.6 Schema Fragment:

```
<xsd:complexType name="DealIdentifier">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The reference to an agreement entered into between the borrower,
      the lenders, the agent, and other financial parties that
      describes the terms and conditions of the loan being made to the
      borrower and the obligations and requirements for the borrower,
      its related entities (if any), and the lenders. List of Ids
      should include at least CUSIP (if exists) and system Id of the
      system that generates the notice.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:complexContent>
    <xsd:extension base="Product">
      <xsd:sequence>
        <xsd:element name="dealName" type="xsd:string" minOccurs="0">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              Usually defined as Legal Borrower Name + Credit Agreement
              Date (mm/yyyy)
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
        <xsd:element name="creditAgreementDate" type="xsd:date" minOccurs="0">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              The credit agreement date is the closing date (the date
              where the agreement has been signed) for the loans in the
              credit agreement. Funding of the facilities occurs on (or
              sometimes a little after) the Credit Agreement date.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>
```

1.2 DrawdownNotice

1.2.1 Description:

The notification from the agent bank to lender that loan contract is requested by the borrower. A loan contract notice will be created by the agent bank for each of the lenders

1.2.2 Contents:

Inherited element(s): (This definition inherits the content defined by the type LoanContractNotice)

- An abstract type containing all the common elements of a loan contract-level notice.

drawdownEventType (zero or one occurrence; of the type DrawdownEventTypeEnum) An enumeration that describes whether this message is a drawdown or a rate set notification. The same message structure is used for both, with some business validation differences.

conditionsPrecedentType (zero or one occurrence; of the type ConditionsPrecedentEnum) An enumeration which describes whether the condition present have been met, not met or been waived. Please note: this field is not required since conditions precedent may not be applicable in certain scenarios.

drawdownPayment (exactly one occurrence; of the type DrawdownPayment) The lender's portion of the drawdown payment.

party (one or more occurrences; of the type Party) The parties involved with the associated transaction.

1.2.3 Used by:

1.2.4 Derived Types:

1.2.5 Figure:

1.2.6 Schema Fragment:

```
<xsd:complexType name="DrawdownNotice">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The notification from the agent bank to lender that loan contract
      is requested by the borrower. A loan contract notice will be
      created by the agent bank for each of the lenders
    </xsd:documentation>
  </xsd:annotation>
  <xsd:complexContent>
    <xsd:extension base="LoanContractNotice">
      <xsd:sequence>
        <xsd:element name="drawdownEventType" type="DrawdownEventTypeEnum" minOccurs="0">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              An enumeration that describes whether this message is a
              drawdown or a rate set notification. The same message
              structure is used for both, with some business validation
              differences.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
        <xsd:element name="conditionsPrecedentType" type="ConditionsPrecedentEnum" minOccurs="0">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              An enumeration which describes whether the condition
              present have been met, not met or been waived. Please
              note: this field is not required since conditions
              precedent may not be applicable in certain scenarios.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
        <xsd:element name="drawdownPayment" type="DrawdownPayment">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              The lender's portion of the drawdown payment.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
        <xsd:element name="party" type="Party" minOccurs="2" maxOccurs="unbounded">
          <xsd:annotation>
```

```
        <xsd:documentation xml:lang="en">
            The parties involved with the associated transaction.
        </xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:extension>
</xsd:complexContent>
</xsd:complexType>
```

1.3 DrawdownPayment

1.3.1 Description:

A structure used to describe the payment to be processed as part of the drawdown notice.

1.3.2 Contents:

paymentDate (exactly one occurrence; of the type xsd:date) The date on which the principal payment is made by the lender to the agent bank. Usually defaults to the effective date of the loan contract.

shareLoanContractAmount (exactly one occurrence; of the type Money) The amount of principal allocated to the lender for the given drawdown request. This is the same as the payment that must be made by the lender to satisfy the drawdown request.

1.3.3 Used by:

- Complex type: DrawdownNotice

1.3.4 Derived Types:

1.3.5 Figure:

1.3.6 Schema Fragment:

```
<xsd:complexType name="DrawdownPayment">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A structure used to describe the payment to be processed as part
      of the drawdown notice.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="paymentDate" type="xsd:date">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The date on which the principal payment is made by the lender
          to the agent bank. Usually defaults to the effective date of
          the loan contract.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="shareLoanContractAmount" type="Money">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The amount of principal allocated to the lender for the given
          drawdown request. This is the same as the payment that must
          be made by the lender to satisfy the drawdown request.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

1.4 FacilityCommitmentPosition

1.4.1 Description:

This represents current and prior facility commitment amounts on both the global and lender position levels.

1.4.2 Contents:

currentAmount (exactly one occurrence; of the type ParticipationAmount) The amount of principal commitment currently allocated to the lender within the facility (this is after any associated events).

priorAmount (exactly one occurrence; of the type ParticipationAmount) The amount of principal commitment that was allocated to the lender within the facility (this is prior to any associated events).

loanContractPosition (zero or more occurrences; of the type LoanContractPosition) A structure used to define all positions held by the lender at the loan contract level. This structure is design to hold either some or all loan contracts.

1.4.3 Used by:

1.4.4 Derived Types:

1.4.5 Figure:

1.4.6 Schema Fragment:

```
<xsd:complexType name="FacilityCommitmentPosition">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      This represents current and prior facility commitment amounts on
      both the global and lender position levels.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="currentAmount" type="ParticipationAmount">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The amount of principal commitment currently allocated to the
          lender within the facility (this is after any associated
          events).
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="priorAmount" type="ParticipationAmount">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The amount of principal commitment that was allocated to the
          lender within the facility (this is prior to any associated
          events).
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="loanContractPosition" type="LoanContractPosition" minOccurs="0" maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A structure used to define all positions held by the lender
          at the loan contract level. This structure is design to hold
          either some or all loan contracts.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

1.5 FacilityIdentifier

1.5.1 Description:

A reference to a single credit limit within a deal (also referred to in the secondary markets as a 'tranche'). The list of ids should include the value of the id and a system reference to denote which internal/external source created the id.

1.5.2 Contents:

Inherited element(s): (This definition inherits the content defined by the type Product)

- The base type which all FpML products extend.

facilityName (zero or one occurrence; of the type xsd:string) The name by which the facility is referred to within the credit agreement.

Either

currency (exactly one occurrence; of the type Currency) Facility denomination currency.

Or

originalCommitmentAmount (exactly one occurrence; of the type Money) Original global commitment amount of the facility.

1.5.3 Used by:

1.5.4 Derived Types:

1.5.5 Figure:

1.5.6 Schema Fragment:

```
<xsd:complexType name="FacilityIdentifier">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A reference to a single credit limit within a deal (also referred
      to in the secondary markets as a 'tranche'). The list of ids
      should include the value of the id and a system reference to
      denote which internal/external source created the id.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:complexContent>
    <xsd:extension base="Product">
      <xsd:sequence>
        <xsd:element name="facilityName" type="xsd:string" minOccurs="0">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              The name by which the facility is referred to within the
              credit agreement.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
        <xsd:choice minOccurs="0">
          <xsd:element name="currency" type="Currency">
            <xsd:annotation>
              <xsd:documentation xml:lang="en">
                Facility denomination currency.
              </xsd:documentation>
            </xsd:annotation>
          </xsd:element>
          <xsd:element name="originalCommitmentAmount" type="Money">
            <xsd:annotation>
              <xsd:documentation xml:lang="en">
                Original global commitment amount of the facility.
              </xsd:documentation>
            </xsd:annotation>
          </xsd:element>
        </xsd:choice>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>
```

1.6 FacilityNotice

1.6.1 Description:

A base type for all facility-level notices.

1.6.2 Contents:

Inherited element(s): (This definition inherits the content defined by the type NotificationMessage)

- A type defining the basic content for a message sent to inform another system that some 'business event' has occurred. Notifications are not expected to be replied to.

noticeDate (exactly one occurrence; of the type xsd:date) The date on which the notice was generated.

agentBankPartyReference (zero or one occurrence; of the type PartyReference) A reference to the agent bank for the given deal.

borrowerPartyReference (zero or one occurrence; of the type PartyReference) A reference to the borrower against the associated loan contract(s).

lenderPartyReference (zero or one occurrence; of the type PartyReference) A reference to the lender(s) associated with the associated loan contract(s).

dealIdentifier (exactly one occurrence; of the type DealIdentifier) A data structure which contains the identifying characteristics of the given deal.

facilityIdentifier (exactly one occurrence; of the type FacilityIdentifier) A data structure which contains the identifying characteristics of the given facility.

facilityCommitmentPosition (zero or one occurrence; of the type FacilityCommitmentPosition) A structure which contains the position being held by the lender on both the facility and loan contract levels. This position information is from the message sender's viewpoint as of the date of the associated notice.

exceptionFlag (zero or one occurrence; of the type xsd:boolean) A flag which can be set by the message sender in order to signify an exceptional business event.

comments (zero or one occurrence; of the type xsd:string) A free-form, manually entered field which will be used by users directly for additional information.

1.6.3 Used by:

- Complex type: OneOffFeeNotice
- Complex type: OnGoingFeeNotice
- Complex type: RepaymentNotice

1.6.4 Derived Types:

- Complex type: OneOffFeeNotice
- Complex type: OnGoingFeeNotice
- Complex type: RepaymentNotice

1.6.5 Figure:

1.6.6 Schema Fragment:

```
<xsd:complexType name="FacilityNotice" abstract="true">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A base type for all facility-level notices.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:complexContent>
    <xsd:extension base="NotificationMessage">
      <xsd:sequence>
        <xsd:group ref="FacilityNoticeDetails.model">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              A set of fields which are common to all facility and loan
              contract level notices.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:group>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>
```

```
        </xsd:documentation>
      </xsd:annotation>
    </xsd:group>
  </xsd:sequence>
</xsd:extension>
</xsd:complexContent>
</xsd:complexType>
```


1.7 FacilityRepayment

1.7.1 Description:

Representation of a repayment made by the borrower against a single facility.

1.7.2 Contents:

refusalAllowed (exactly one occurrence; of the type xsd:boolean) Defines whether the lender has an option to accept or deny the payment.

adjustsCommitment (exactly one occurrence; of the type xsd:boolean) Defines whether the principal repayment will adjust the commitment level of the associated facility.

breakageCost (zero or one occurrence; of the type BreakageCostEnum) Where breakage cost is applicable, this enumeration defines who is calculating it - agent bank or lender.

repaymentDate (exactly one occurrence; of the type xsd:date) The date on which the principal repayment amount was paid to the lender by the agent bank.

amount (exactly one occurrence; of the type ParticipationAmount) The global and lender share amount of the principal repayment.

1.7.3 Used by:

- Complex type: Repayment

1.7.4 Derived Types:

1.7.5 Figure:

1.7.6 Schema Fragment:

```
<xsd:complexType name="FacilityRepayment">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      Representation of a repayment made by the borrower against a
      single facility.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="refusalAllowed" type="xsd:boolean">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          Defines whether the lender has an option to accept or deny
          the payment.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="adjustsCommitment" type="xsd:boolean">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          Defines whether the principal repayment will adjust the
          commitment level of the associated facility.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="breakageCost" type="BreakageCostEnum" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          Where breakage cost is applicable, this enumeration defines
          who is calculating it - agent bank or lender.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="repaymentDate" type="xsd:date">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The date on which the principal repayment amount was paid to
          the lender by the agent bank.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="amount" type="ParticipationAmount">
      <xsd:annotation>
```

```
<xsd:documentation xml:lang="en">
  The global and lender share amount of the principal
  repayment.
</xsd:documentation>
</xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
```

1.8 FeeAccrualPeriod

1.8.1 Description:

The period for within a fee accrual calculation where the fee rate and underlying position amount (commitment, utilization or unutilized) is constant.

1.8.2 Contents:

startDate (exactly one occurrence; of the type xsd:date) Date on which this period begins.

endDate (exactly one occurrence; of the type xsd:date) Date on which this period ends.

accrualAmount (zero or one occurrence; of the type ParticipationAmount) The global and lender share of the accrued fee amount.

1.8.3 Used by:

- Complex type: FeeAccrualSchedule

1.8.4 Derived Types:

1.8.5 Figure:

1.8.6 Schema Fragment:

```
<xsd:complexType name="FeeAccrualPeriod">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The period for within a fee accrual calculation where the fee
      rate and underlying position amount (commitment, utilization or
      unutilized) is constant.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:group ref="Period.model">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The start and end date of the accrual period.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:group>
    <xsd:element name="accrualAmount" type="ParticipationAmount" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The global and lender share of the accrued fee amount.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

1.9 FeeAccrualSchedule

1.9.1 Description:

The details of the underlying elements that effect the calculation of a fee accrual.

1.9.2 Contents:

Either

lenderCommitmentPeriod (one or more occurrences; of the type LenderPositionPeriod) The minimal period within the entire fee period where both the lender and global commitment amounts remain constant.

Or

lenderUtilizationPeriod (one or more occurrences; of the type LenderPositionPeriod) The minimal period within the entire fee period where both the lender and global utilization amounts remain constant..

Or

lenderUnutilizedPeriod (one or more occurrences; of the type LenderPositionPeriod) The minimal period within the entire fee period where both lender and global unutilized amounts remain constant.

feeRatePeriod (one or more occurrences; of the type RatePeriod) The minimal period within the entire fee period where the fee rate remains constant.

feeAccrualPeriod (one or more occurrences; of the type FeeAccrualPeriod) The minimal period within the entire fee period where all the factors effecting the fee accrual are constant.

1.9.3 Used by:

- Complex type: OnGoingFeeNotice

1.9.4 Derived Types:

1.9.5 Figure:

1.9.6 Schema Fragment:

```
<xsd:complexType name="FeeAccrualSchedule">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The details of the underlying elements that effect the
      calculation of a fee accrual.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:choice>
      <xsd:element name="lenderCommitmentPeriod" type="LenderPositionPeriod" maxOccurs="unbound">
        <xsd:annotation>
          <xsd:documentation xml:lang="en">
            The minimal period within the entire fee period where both
            the lender and global commitment amounts remain constant.
          </xsd:documentation>
        </xsd:annotation>
      </xsd:element>
      <xsd:element name="lenderUtilizationPeriod" type="LenderPositionPeriod" maxOccurs="unbound">
        <xsd:annotation>
          <xsd:documentation xml:lang="en">
            The minimal period within the entire fee period where both
            the lender and global utilization amounts remain constant..
          </xsd:documentation>
        </xsd:annotation>
      </xsd:element>
      <xsd:element name="lenderUnutilizedPeriod" type="LenderPositionPeriod" maxOccurs="unbound">
        <xsd:annotation>
          <xsd:documentation xml:lang="en">
            The minimal period within the entire fee period where both
            lender and global unutilized amounts remain constant.
          </xsd:documentation>
        </xsd:annotation>
      </xsd:element>
    </xsd:choice>
    <xsd:element name="feeRatePeriod" type="RatePeriod" maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
```

```
        The minimal period within the entire fee period where the fee
        rate remains constant.
    </xsd:documentation>
</xsd:annotation>
</xsd:element>
<xsd:element name="feeAccrualPeriod" type="FeeAccrualPeriod" maxOccurs="unbounded">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            The minimal period within the entire fee period where all the
            factors effecting the fee accrual are constant.
        </xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
```

1.10 FxTerms

1.10.1 Description:

1.10.2 Contents:

fxRate (exactly one occurrence; of the type FxRate) The FX rate associated with the business event.

fixingDate (exactly one occurrence; of the type xsd:date) The date on which the associated FX rate was fixed.

1.10.3 Used by:

- Complex type: FxTermsSchedule

1.10.4 Derived Types:

1.10.5 Figure:

1.10.6 Schema Fragment:

```
<xsd:complexType name="FxTerms">
  <xsd:annotation>
    <xsd:documentation>
      A structure which specifies FX conversion terms.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="fxRate" type="FxRate">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The FX rate associated with the business event.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="fixingDate" type="xsd:date">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The date on which the associated FX rate was fixed.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

1.11 FxTermsSchedule

1.11.1 Description:

1.11.2 Contents:

startDate (exactly one occurrence; of the type xsd:date) Date on which this period begins.

endDate (exactly one occurrence; of the type xsd:date) Date on which this period ends.

fxTerms (exactly one occurrence; of the type FxTerms) Defines a single FX rate conversion.

1.11.3 Used by:

- Complex type: LoanContract

1.11.4 Derived Types:

1.11.5 Figure:

1.11.6 Schema Fragment:

```
<xsd:complexType name="FxTermsSchedule">
  <xsd:annotation>
    <xsd:documentation>
      A structure which specifies many FX conversion terms, based on a
      schedule.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:group ref="Period.model">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          Defines the dates for a single FX term period.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:group>
    <xsd:element name="fxTerms" type="FxTerms">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          Defines a single FX rate conversion.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

1.12 InterestAccrualPeriod

1.12.1 Description:

A period defined as having a constant interest rate within which the lender maintains a constant loan contract position.

1.12.2 Contents:

startDate (exactly one occurrence; of the type xsd:date) Date on which this period begins.

endDate (exactly one occurrence; of the type xsd:date) Date on which this period ends.

shareInterestAccrualAmount (exactly one occurrence; of the type Money) The amount of interest accrued by the lender over the defined period.

sharePikAccrualAmount (zero or one occurrence; of the type Money) The amount of PIK (payment in kind) accrued by the lender over the defined period.

1.12.3 Used by:

- Complex type: InterestAccrualSchedule

1.12.4 Derived Types:

1.12.5 Figure:

1.12.6 Schema Fragment:

```
<xsd:complexType name="InterestAccrualPeriod">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A period defined as having a constant interest rate within which
      the lender maintains a constant loan contract position.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:group ref="Period.model">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          Defines the dates for a single interest accrual period.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:group>
    <xsd:element name="shareInterestAccrualAmount" type="Money">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The amount of interest accrued by the lender over the defined
          period.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="sharePikAccrualAmount" type="Money" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The amount of PIK (payment in kind) accrued by the lender
          over the defined period.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```


1.13 InterestAccrualSchedule

1.13.1 Description:

A schedule that incorporates all sub-periods of an interest accrual calculation.

1.13.2 Contents:

interestRatePeriod (one or more occurrences; of the type InterestRatePeriod) A period defined as having a constant interest rate.

pikPeriod (zero or more occurrences; of the type PikPeriod) A period defined as having a constant PIK rate.

lenderLoanContractPeriod (one or more occurrences; of the type LenderLoanContractPeriod) A period within which the lender maintains a constant loan contract position.

interestAccrualPeriod (one or more occurrences; of the type InterestAccrualPeriod) A combination of all period types where an interest amount can be calculated using constant factors.

1.13.3 Used by:

- Complex type: InterestPaymentNotice

1.13.4 Derived Types:

1.13.5 Figure:

1.13.6 Schema Fragment:

```
<xsd:complexType name="InterestAccrualSchedule">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A schedule that incorporates all sub-periods of an interest
      accrual calculation.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="interestRatePeriod" type="InterestRatePeriod" maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A period defined as having a constant interest rate.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="pikPeriod" type="PikPeriod" minOccurs="0" maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A period defined as having a constant PIK rate.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="lenderLoanContractPeriod" type="LenderLoanContractPeriod" maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A period within which the lender maintains a constant loan
          contract position.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="interestAccrualPeriod" type="InterestAccrualPeriod" maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A combination of all period types where an interest amount
          can be calculated using constant factors.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

1.14 InterestPayment

1.14.1 Description:

A payment requested by the agent bank from each lender for the accrued interest amount for the given period and a given loan contract.

1.14.2 Contents:

calculationMethod (exactly one occurrence; of the type InterestCalculationMethodEnum) Defines the way in which the agent bank is allocating interest payments - can be (i) pro-rata at the time of the interest payment or (ii) based on the loan contract share throughout the interest period (which is the preferred method).

paymentDate (exactly one occurrence; of the type xsd:date) The date on which interest was paid to the lender by the agent bank.

amount (exactly one occurrence; of the type ParticipationAmount) The amount of interest paid by the borrower to the agent bank and share paid to the lender.

1.14.3 Used by:

- Complex type: InterestPaymentNotice

1.14.4 Derived Types:

1.14.5 Figure:

1.14.6 Schema Fragment:

```
<xsd:complexType name="InterestPayment">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A payment requested by the agent bank from each lender for the
      accrued interest amount for the given period and a given loan
      contract.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="calculationMethod" type="InterestCalculationMethodEnum">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          Defines the way in which the agent bank is allocating
          interest payments - can be (i) pro-rata at the time of the
          interest payment or (ii) based on the loan contract share
          throughout the interest period (which is the preferred
          method).
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="paymentDate" type="xsd:date">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The date on which interest was paid to the lender by the
          agent bank.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="amount" type="ParticipationAmount">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The amount of interest paid by the borrower to the agent bank
          and share paid to the lender.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

1.15 InterestPaymentNotice

1.15.1 Description:

A notice defining the payment requested by the agent bank from each lender for given interest accrual period for a given loan contract.

1.15.2 Contents:

Inherited element(s): (This definition inherits the content defined by the type LoanContractNotice)

- An abstract type containing all the common elements of a loan contract-level notice.

interestPayment (exactly one occurrence; of the type InterestPayment) Represents the total amount of interest paid by the borrower to the agent bank and the share of it paid to the lender.

interestAccrualSchedule (exactly one occurrence; of the type InterestAccrualSchedule) A schedule that incorporates all sub-periods of an interest accrual calculation.

party (one or more occurrences; of the type Party) The parties involved with the associated transaction.

1.15.3 Used by:

1.15.4 Derived Types:

1.15.5 Figure:

1.15.6 Schema Fragment:

```
<xsd:complexType name="InterestPaymentNotice">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A notice defining the payment requested by the agent bank from
      each lender for given interest accrual period for a given loan
      contract.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:complexContent>
    <xsd:extension base="LoanContractNotice">
      <xsd:sequence>
        <xsd:element name="interestPayment" type="InterestPayment">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              Represents the total amount of interest paid by the
              borrower to the agent bank and the share of it paid to
              the lender.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
        <xsd:element name="interestAccrualSchedule" type="InterestAccrualSchedule">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              A schedule that incorporates all sub-periods of an
              interest accrual calculation.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
        <xsd:element name="party" type="Party" minOccurs="2" maxOccurs="unbounded">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              The parties involved with the associated transaction.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>
```

1.16 InterestRatePeriod

1.16.1 Description:

A full definition of the accrual characteristics of a loan contract. This structure defines both the underlying base rate as well as any additional margins and costs associated with the loan contract.

1.16.2 Contents:

rateFixingDate (exactly one occurrence; of the type xsd:date) The date on which the underlying interest rate is fixed. Note: This should default to the effective date of the loan contract in the case of a PRIME base rate.

startDate (exactly one occurrence; of the type xsd:date) Date on which this period begins.

endDate (exactly one occurrence; of the type xsd:date) Date on which this period ends.

floatingRateIndex (exactly one occurrence; of the type FloatingRateIndex)

indexTenor (zero or one occurrence; of the type Interval) The ISDA Designated Maturity, i.e. the tenor of the floating rate.

interestRate (zero or one occurrence; of the type PositiveDecimal) The actual interest rate, defined as a percentage.

margin (zero or one occurrence; of the type xsd:decimal) The margin as stated in the credit agreement.

mandatoryCostRate (zero or one occurrence; of the type PositiveDecimal) Charged as an additional cost for select european deals.

allInRate (zero or one occurrence; of the type PositiveDecimal) The actual percentage rate charged to the borrower. (Interest Rate + Margin + MCR) = All In Rate.

interestDayBasis (zero or one occurrence; of the type DayCountFraction) The day count basis for the interest rate period.

tenor (zero or one occurrence; of the type Interval) The number of business days in the interest rate period.

1.16.3 Used by:

- Complex type: InterestAccrualSchedule
- Complex type: LoanContract

1.16.4 Derived Types:

1.16.5 Figure:

1.16.6 Schema Fragment:

```
<xsd:complexType name="InterestRatePeriod">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A full definition of the accrual characteristics of a loan
      contract. This structure defines both the underlying base rate as
      well as any additional margins and costs associated with the loan
      contract.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="rateFixingDate" type="xsd:date">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The date on which the underlying interest rate is fixed.
          Note: This should default to the effective date of the loan
          contract in the case of a PRIME base rate.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:group ref="Period.model">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The dates defining an interest rate period. Note: The end
          date, in the case of a PRIME-based loan contract, should
          default to the loan contract maturity date.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:group>
  </xsd:sequence>
</xsd:complexType>
```

```

</xsd:group>
<xsd:group ref="FloatingRateIndex.model">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      Defines the underlying base rate for this interest rate
      period.
    </xsd:documentation>
  </xsd:annotation>
</xsd:group>
<xsd:element name="interestRate" type="PositiveDecimal" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The actual interest rate, defined as a percentage.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="margin" type="xsd:decimal" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The margin as stated in the credit agreement.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="mandatoryCostRate" type="PositiveDecimal" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      Charged as an additional cost for select european deals.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="allInRate" type="PositiveDecimal" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The actual percentage rate charged to the borrower. (Interest
      Rate + Margin + MCR) = All In Rate.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="interestDayBasis" type="DayCountFraction" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The day count basis for the interest rate period.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="tenor" type="Interval" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The number of business days in the interest rate period.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>

```

1.17 LenderLoanContractPeriod

1.17.1 Description:

A period within which the lender maintains a constant loan contract position.

1.17.2 Contents:

startDate (exactly one occurrence; of the type xsd:date) Date on which this period begins.

endDate (exactly one occurrence; of the type xsd:date) Date on which this period ends.

shareCommitmentAmount (zero or one occurrence; of the type Money) The amount of the commitment amount allocated to the lender for the specific period.

shareLoanContractAmount (exactly one occurrence; of the type Money) The amount of the loan contract allocated to the lender. This is based on the share of the overall commitment that the lender is assigned.

1.17.3 Used by:

- Complex type: InterestAccrualSchedule

1.17.4 Derived Types:

1.17.5 Figure:

1.17.6 Schema Fragment:

```
<xsd:complexType name="LenderLoanContractPeriod">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A period within which the lender maintains a constant loan
      contract position.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:group ref="Period.model">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          Dates defining an lender loan contract period.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:group>
    <xsd:element name="shareCommitmentAmount" type="Money" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The amount of the commitment amount allocated to the lender
          for the specific period.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="shareLoanContractAmount" type="Money">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The amount of the loan contract allocated to the lender. This
          is based on the share of the overall commitment that the
          lender is assigned.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

1.18 LenderPositionPeriod

1.18.1 Description:

A period within which the lender maintains a constant position amount.

1.18.2 Contents:

startDate (exactly one occurrence; of the type xsd:date) Date on which this period begins.

endDate (exactly one occurrence; of the type xsd:date) Date on which this period ends.

positionAmount (zero or one occurrence; of the type ParticipationAmount) Global and lender share amounts.

1.18.3 Used by:

- Complex type: FeeAccrualSchedule

1.18.4 Derived Types:

1.18.5 Figure:

1.18.6 Schema Fragment:

```
<xsd:complexType name="LenderPositionPeriod">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A period within which the lender maintains a constant position
      amount.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:group ref="Period.model"/>
    <xsd:element name="positionAmount" type="ParticipationAmount" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          Global and lender share amounts.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

1.19 LoanContract

1.19.1 Description:

A core structure describing a loan contract between borrower and lenders forming part or all of the credit line offered by a facility structure within a deal.

1.19.2 Contents:

loanContractIdentifier (exactly one occurrence; of the type LoanContractIdentifier) A set of fields used to uniquely identify a specific loan contract within a given facility.

borrowerPartyReference (exactly one occurrence; of the type PartyReference) A reference to the borrower against a loan contract.

amount (exactly one occurrence; of the type Money) The borrowing amount associated with the loan contract. The currency may or may not be the same as the facility currency.

effectiveDate (exactly one occurrence; of the type xsd:date) The effective date of the loan contract. This is the date on which the funds are passed to the borrower.

conditionsPrecedentMet (zero or one occurrence; of the type xsd:boolean) A flag defining whether conditions precedent have been met. Once met, the borrower can start drawing against the associated facility.

conditionsPrecedentComment (zero or one occurrence; of the type xsd:string) A free text field defining the reasons why conditions precedent have not been met.

fxTermsSchedule (zero or more occurrences; of the type FxTermsSchedule) Defines the exchange rate between the loan contract and facility currencies. This rate can be reset/redefined mid-period within an outstanding loan contract.

currentInterestRatePeriod (exactly one occurrence; of the type InterestRatePeriod) Defines the base rate and additional charges associated with the loan contract.

interestPaymentTenor (zero or one occurrence; of the type Interval) The frequency at which interest payments are made. As stated in the credit agreement.

nextInterestPaymentDate (zero or one occurrence; of the type xsd:date) The next interest payment is due on this date.

1.19.3 Used by:

- Complex type: LoanContractNotice

1.19.4 Derived Types:

1.19.5 Figure:

1.19.6 Schema Fragment:

```
<xsd:complexType name="LoanContract">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A core structure describing a loan contract between borrower and
      lenders forming part or all of the credit line offered by a
      facility structure within a deal.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="loanContractIdentifier" type="LoanContractIdentifier">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A set of fields used to uniquely identify a specific loan
          contract within a given facility.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="borrowerPartyReference" type="PartyReference">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A reference to the borrower against a loan contract.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```



```

<xsd:element name="amount" type="Money">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The borrowing amount associated with the loan contract. The
      currency may or may not be the same as the facility currency.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="effectiveDate" type="xsd:date">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The effective date of the loan contract. This is the date on
      which the funds are passed to the borrower.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="conditionsPrecedentMet" type="xsd:boolean" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A flag defining whether conditions precedent have been met.
      Once met, the borrower can start drawing against the
      associated facility.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="conditionsPrecedentComment" type="xsd:string" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A free text field defining the reasons why conditions
      precedent have not been met.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="fxTermsSchedule" type="FxTermsSchedule" minOccurs="0" maxOccurs="unbound">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      Defines the exchange rate between the loan contract and
      facility currencies. This rate can be reset/redefined
      mid-period within an outstanding loan contract.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="currentInterestRatePeriod" type="InterestRatePeriod">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      Defines the base rate and additional charges associated with
      the loan contract.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="interestPaymentTenor" type="Interval" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The frequency at which interest payments are made. As stated
      in the credit agreement.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="nextInterestPaymentDate" type="xsd:date" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The next interest payment is due on this date.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>

```

1.20 LoanContractIdentifier

1.20.1 Description:

A basic set of fields used to uniquely identify the loan contract.

1.20.2 Contents:

identifier (one or more occurrences; of the type ContractIdentifier) A structure that can be used to store multiple identifiers for the loan contract. Each identifier has associated with it a scheme definition to tell the recipient the 'type' of the id.

originalAmount (zero or one occurrence; of the type Money) The original amount associated with the loan contract in loan contract currency.

maturityDate (zero or one occurrence; of the type xsd:date) The maturity date of the loan contract. In the case of a PRIME-based loan, this field should be set to the maturity date of the facility.>

1.20.3 Used by:

- Complex type: LoanContract
- Complex type: LoanContractNotice
- Complex type: LoanContractPosition
- Complex type: LoanContractRepayment
- Complex type: OneOffFeeNotice

1.20.4 Derived Types:

1.20.5 Figure:

1.20.6 Schema Fragment:

```
<xsd:complexType name="LoanContractIdentifier">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A basic set of fields used to uniquely identify the loan
      contract.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="identifier" type="ContractIdentifier" maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A structure that can be used to store multiple identifiers
          for the loan contract. Each identifier has associated with it
          a scheme definition to tell the recipient the 'type' of the
          id.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="originalAmount" type="Money" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The original amount associated with the loan contract in loan
          contract currency.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="maturityDate" type="xsd:date" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The maturity date of the loan contract. In the case of a
          PRIME-based loan, this field should be set to the maturity
          date of the facility.>
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

1.21 LoanContractNotice

1.21.1 Description:

An abstract type containing all the common elements of a loan contract-level notice.

1.21.2 Contents:

Inherited element(s): (This definition inherits the content defined by the type NotificationMessage)

- A type defining the basic content for a message sent to inform another system that some 'business event' has occurred. Notifications are not expected to be replied to.

noticeDate (exactly one occurrence; of the type xsd:date) The date on which the notice was generated.

agentBankPartyReference (zero or one occurrence; of the type PartyReference) A reference to the agent bank for the given deal.

borrowerPartyReference (zero or one occurrence; of the type PartyReference) A reference to the borrower against the associated loan contract(s).

lenderPartyReference (zero or one occurrence; of the type PartyReference) A reference to the lender(s) associated with the associated loan contract(s).

dealIdentifier (exactly one occurrence; of the type DealIdentifier) A data structure which contains the identifying characteristics of the given deal.

facilityIdentifier (exactly one occurrence; of the type FacilityIdentifier) A data structure which contains the identifying characteristics of the given facility.

facilityCommitmentPosition (zero or one occurrence; of the type FacilityCommitmentPosition) A structure which contains the position being held by the lender on both the facility and loan contract levels. This position information is from the message sender's viewpoint as of the date of the associated notice.

exceptionFlag (zero or one occurrence; of the type xsd:boolean) A flag which can be set by the message sender in order to signify an exceptional business event.

comments (zero or one occurrence; of the type xsd:string) A free-form, manually entered field which will be used by users directly for additional information.

Either

loanContract (exactly one occurrence; of the type LoanContract) A core structure describing a loan contract between borrower and lenders forming part or all of the credit line offered by a facility structure within a deal.

Or

loanContractIdentifier (exactly one occurrence; of the type LoanContractIdentifier) A basic set of fields used to uniquely identify the loan contract.

1.21.3 Used by:

- Complex type: DrawdownNotice
- Complex type: InterestPaymentNotice

1.21.4 Derived Types:

- Complex type: DrawdownNotice
- Complex type: InterestPaymentNotice

1.21.5 Figure:

1.21.6 Schema Fragment:

```
<xsd:complexType name="LoanContractNotice" abstract="true">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      An abstract type containing all the common elements of a loan
      contract-level notice.
    </xsd:documentation>
  </xsd:annotation>
</xsd:complexType>
```

```
<xsd:complexContent>
  <xsd:extension base="NotificationMessage">
    <xsd:sequence>
      <xsd:group ref="FacilityNoticeDetails.model"/>
      <xsd:choice>
        <xsd:annotation>
          <xsd:documentation xml:lang="en">
            The sender may choose to either transmit the full or
            partial loan contract details.
          </xsd:documentation>
        </xsd:annotation>
        <xsd:element name="loanContract" type="LoanContract">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              A core structure describing a loan contract between
              borrower and lenders forming part or all of the credit
              line offered by a facility structure within a deal.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
        <xsd:element name="loanContractIdentifier" type="LoanContractIdentifier">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              A basic set of fields used to uniquely identify the
              loan contract.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
      </xsd:choice>
    </xsd:sequence>
  </xsd:extension>
</xsd:complexContent>
</xsd:complexType>
```

1.22 LoanContractPosition

1.22.1 Description:

Represents outstanding loan amounts on both the global and lender position levels.

1.22.2 Contents:

loanContractIdentifier (exactly one occurrence; of the type LoanContractIdentifier) A basic set of fields used to uniquely identify the loan contract.

currentAmount (exactly one occurrence; of the type ParticipationAmount) The current outstanding loan contract amount represented on a global and lender share perspective (this is post to any associated events).

priorAmount (exactly one occurrence; of the type ParticipationAmount) The previous outstanding loan contract amount represented on a global and lender share perspective (this is prior to any associated events).

1.22.3 Used by:

- Complex type: FacilityCommitmentPosition

1.22.4 Derived Types:

1.22.5 Figure:

1.22.6 Schema Fragment:

```
<xsd:complexType name="LoanContractPosition">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      Represents outstanding loan amounts on both the global and lender
      position levels.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="loanContractIdentifier" type="LoanContractIdentifier">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A basic set of fields used to uniquely identify the loan
          contract.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="currentAmount" type="ParticipationAmount">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The current outstanding loan contract amount represented on a
          global and lender share perspective (this is post to any
          associated events).
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="priorAmount" type="ParticipationAmount">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The previous outstanding loan contract amount represented on
          a global and lender share perspective (this is prior to any
          associated events).
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

1.23 LoanContractRepayment

1.23.1 Description:

The amount of principal repayment associated with a single loan contract.

1.23.2 Contents:

loanContractIdentifier (exactly one occurrence; of the type LoanContractIdentifier) A basic set of fields used to uniquely identify the loan contract.

amount (exactly one occurrence; of the type ParticipationAmount) The amount of principal repayment associated with this loan contract. This can be represented at the global and the lender share levels.

interestPaidWithRepayment (exactly one occurrence; of the type InterestPaidWithRepaymentEnum) Defines whether interest is being paid together with the principal repayment (on repayment date).

1.23.3 Used by:

- Complex type: Repayment

1.23.4 Derived Types:

1.23.5 Figure:

1.23.6 Schema Fragment:

```
<xsd:complexType name="LoanContractRepayment">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The amount of principal repayment associated with a single loan
      contract.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="loanContractIdentifier" type="LoanContractIdentifier">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A basic set of fields used to uniquely identify the loan
          contract.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="amount" type="ParticipationAmount">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The amount of principal repayment associated with this loan
          contract. This can be represented at the global and the
          lender share levels.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="interestPaidWithRepayment" type="InterestPaidWithRepaymentEnum">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          Defines whether interest is being paid together with the
          principal repayment (on repayment date).
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

1.24 OneOffFeeNotice

1.24.1 Description:

This defines a notification of a one-off fee being paid at either the loan contract or facility levels.

1.24.2 Contents:

Inherited element(s): (This definition inherits the content defined by the type FacilityNotice)

- A base type for all facility-level notices.

loanContractIdentifier (zero or one occurrence; of the type LoanContractIdentifier) A basic set of fields used to uniquely identify the loan contract.

feePayment (exactly one occurrence; of the type OneOffFeePayment) A representation of the one-off payment.

party (one or more occurrences; of the type Party) The parties involved with the associated transaction.

1.24.3 Used by:

1.24.4 Derived Types:

1.24.5 Figure:

1.24.6 Schema Fragment:

```
<xsd:complexType name="OneOffFeeNotice">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      This defines a notification of a one-off fee being paid at either
      the loan contract or facility levels.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:complexContent>
    <xsd:extension base="FacilityNotice">
      <xsd:sequence>
        <xsd:element name="loanContractIdentifier" type="LoanContractIdentifier" minOccurs="0">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              A basic set of fields used to uniquely identify the loan
              contract.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
        <xsd:element name="feePayment" type="OneOffFeePayment">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              A representation of the one-off payment.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
        <xsd:element name="party" type="Party" minOccurs="2" maxOccurs="unbounded">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              The parties involved with the associated transaction.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>
```

1.25 OneOffFeePayment

1.25.1 Description:

The details of a payment made by the borrower to the agent bank related to a given one-off facility or loan contract fee.

1.25.2 Contents:

feeType (exactly one occurrence; of the type OneOffFeeTypeEnum) Describes the type of the one-off fee.

effectiveDate (exactly one occurrence; of the type xsd:date) The date on which the fee is due.

paymentDate (exactly one occurrence; of the type xsd:date) The date on which the fee is paid by the borrower to the agent bank.

amount (exactly one occurrence; of the type ParticipationAmount) The global amount describes the amount paid by the borrower to the agent bank whereas the share amount describes the amount paid by the agent bank to the lender.

1.25.3 Used by:

- Complex type: OneOffFeeNotice

1.25.4 Derived Types:

1.25.5 Figure:

1.25.6 Schema Fragment:

```
<xsd:complexType name="OneOffFeePayment">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The details of a payment made by the borrower to the agent bank
      related to a given one-off facility or loan contract fee.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="feeType" type="OneOffFeeTypeEnum">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          Describes the type of the one-off fee.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="effectiveDate" type="xsd:date">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The date on which the fee is due.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="paymentDate" type="xsd:date">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The date on which the fee is paid by the borrower to the
          agent bank.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="amount" type="ParticipationAmount">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The global amount describes the amount paid by the borrower
          to the agent bank whereas the share amount describes the
          amount paid by the agent bank to the lender.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```


1.26 OnGoingFeeNotice

1.26.1 Description:

The agent bank will request that the borrower makes a fee payment in accordance with the credit agreement. The borrower will make a payment to the agent bank after which the agent bank will calculate each lender's fee amount.

1.26.2 Contents:

Inherited element(s): (This definition inherits the content defined by the type FacilityNotice)

- A base type for all facility-level notices.

feePayment (exactly one occurrence; of the type OnGoingFeePayment) A representation of the on-going fee payment.

feeAccrualSchedule (exactly one occurrence; of the type FeeAccrualSchedule) The details of the underlying elements that effect the calculation of a fee accrual.

party (one or more occurrences; of the type Party) The parties involved with the associated transaction.

1.26.3 Used by:

1.26.4 Derived Types:

1.26.5 Figure:

1.26.6 Schema Fragment:

```
<xsd:complexType name="OnGoingFeeNotice">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The agent bank will request that the borrower makes a fee payment
      in accordance with the credit agreement. The borrower will make a
      payment to the agent bank after which the agent bank will
      calculate each lender's fee amount.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:complexContent>
    <xsd:extension base="FacilityNotice">
      <xsd:sequence>
        <xsd:element name="feePayment" type="OnGoingFeePayment">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              A representation of the on-going fee payment.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
        <xsd:element name="feeAccrualSchedule" type="FeeAccrualSchedule">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              The details of the underlying elements that effect the
              calculation of a fee accrual.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
        <xsd:element name="party" type="Party" minOccurs="2" maxOccurs="unbounded">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              The parties involved with the associated transaction.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>
```

1.27 OnGoingFeePayment

1.27.1 Description:

The details of a payment made by the borrower to the agent bank related to a given on-going facility fee.

1.27.2 Contents:

feeType (exactly one occurrence; of the type OnGoingFeeTypeEnum) Describes the type of the on-going fee.

startDate (exactly one occurrence; of the type xsd:date) Date on which this period begins.

endDate (exactly one occurrence; of the type xsd:date) Date on which this period ends.

feeDayBasis (zero or one occurrence; of the type DayCountFraction) The day count basis for the fee calculation period.

paymentDate (exactly one occurrence; of the type xsd:date) The day on which the fee is paid by the borrower to the agent bank.

amount (exactly one occurrence; of the type ParticipationAmount) The global amount describes the amount paid by the borrower to the agent bank whereas the share amount describes the amount paid by the agent bank to the lender.

1.27.3 Used by:

- Complex type: OnGoingFeeNotice

1.27.4 Derived Types:

1.27.5 Figure:

1.27.6 Schema Fragment:

```
<xsd:complexType name="OnGoingFeePayment">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The details of a payment made by the borrower to the agent bank
      related to a given on-going facility fee.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="feeType" type="OnGoingFeeTypeEnum">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          Describes the type of the on-going fee.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:group ref="Period.model">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The period against which the on-going fee is due.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:group>
    <xsd:element name="feeDayBasis" type="DayCountFraction" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The day count basis for the fee calculation period.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="paymentDate" type="xsd:date">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The day on which the fee is paid by the borrower to the agent
          bank.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="amount" type="ParticipationAmount">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The global amount describes the amount paid by the borrower
          to the agent bank whereas the share amount describes the
```

```
        amount paid by the agent bank to the lender.  
    </xsd:documentation>  
  </xsd:annotation>  
</xsd:element>  
</xsd:sequence>  
</xsd:complexType>
```

1.28 ParticipationAmount

1.28.1 Description:

Generic type to represent amounts at the global (borrower's viewpoint) and the lender share (lender's viewpoint) levels.

1.28.2 Contents:

globalAmount (zero or one occurrence; of the type Money)

shareAmount (exactly one occurrence; of the type Money)

1.28.3 Used by:

- Complex type: FacilityCommitmentPosition
- Complex type: FacilityRepayment
- Complex type: FeeAccrualPeriod
- Complex type: InterestPayment
- Complex type: LenderPositionPeriod
- Complex type: LoanContractPosition
- Complex type: LoanContractRepayment
- Complex type: OneOffFeePayment
- Complex type: OnGoingFeePayment

1.28.4 Derived Types:

1.28.5 Figure:

1.28.6 Schema Fragment:

```
<xsd:complexType name="ParticipationAmount">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      Generic type to represent amounts at the global (borrower's
      viewpoint) and the lender share (lender's viewpoint) levels.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="globalAmount" type="Money" minOccurs="0"/>
    <xsd:element name="shareAmount" type="Money"/>
  </xsd:sequence>
</xsd:complexType>
```

1.29 PikPeriod

1.29.1 Description:

A period with a constant PIK percentage - the percentage of margin which is capitalized.

1.29.2 Contents:

startDate (exactly one occurrence; of the type xsd:date) Date on which this period begins.

endDate (exactly one occurrence; of the type xsd:date) Date on which this period ends.

pikPercent (exactly one occurrence; of the type xsd:decimal) The percentage of either the base rate or margin that will be capitalized.

1.29.3 Used by:

- Complex type: InterestAccrualSchedule

1.29.4 Derived Types:

1.29.5 Figure:

1.29.6 Schema Fragment:

```
<xsd:complexType name="PikPeriod">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A period with a constant PIK percentage - the percentage of
      margin which is capitalized.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:group ref="Period.model">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          Dates defining the period.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:group>
    <xsd:element name="pikPercent" type="xsd:decimal">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The percentage of either the base rate or margin that will be
          capitalized.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

1.30 RatePeriod

1.30.1 Description:

Defines a generic 'rate' for a defined period.

1.30.2 Contents:

startDate (exactly one occurrence; of the type xsd:date) Date on which this period begins.

endDate (exactly one occurrence; of the type xsd:date) Date on which this period ends.

rate (exactly one occurrence; of the type xsd:decimal) The rate applied to this period.

1.30.3 Used by:

- Complex type: FeeAccrualSchedule

1.30.4 Derived Types:

1.30.5 Figure:

1.30.6 Schema Fragment:

```
<xsd:complexType name="RatePeriod">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      Defines a generic 'rate' for a defined period.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:group ref="Period.model">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The dates defining the period.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:group>
    <xsd:element name="rate" type="xsd:decimal">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The rate applied to this period.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

1.31 Repayment

1.31.1 Description:

Representation of a repayment made by the borrower. This structure represents the repayment at the facility and loan contract levels.

1.31.2 Contents:

facilityRepayment (exactly one occurrence; of the type FacilityRepayment) Representation of a principal repayment shown at the facility level.

loanContractRepayment (one or more occurrences; of the type LoanContractRepayment) Representation of a principal repayment shown at the loan contract level.

1.31.3 Used by:

- Complex type: RepaymentNotice

1.31.4 Derived Types:

1.31.5 Figure:

1.31.6 Schema Fragment:

```
<xsd:complexType name="Repayment">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      Representation of a repayment made by the borrower. This
      structure represents the repayment at the facility and loan
      contract levels.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="facilityRepayment" type="FacilityRepayment">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          Representation of a principal repayment shown at the facility
          level.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="loanContractRepayment" type="LoanContractRepayment" maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          Representation of a principal repayment shown at the loan
          contract level.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
```

1.32 RepaymentNotice

1.32.1 Description:

A notice describing a principal repayment to be made by the borrower.

1.32.2 Contents:

Inherited element(s): (This definition inherits the content defined by the type FacilityNotice)

- A base type for all facility-level notices.

repayment (exactly one occurrence; of the type Repayment) Representation of a repayment made by the borrower. This structure represents the repayment at the facility and loan contract levels.

party (one or more occurrences; of the type Party) The parties involved with the associated transaction.

1.32.3 Used by:

1.32.4 Derived Types:

1.32.5 Figure:

1.32.6 Schema Fragment:

```
<xsd:complexType name="RepaymentNotice">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A notice describing a principal repayment to be made by the
      borrower.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:complexContent>
    <xsd:extension base="FacilityNotice">
      <xsd:sequence>
        <xsd:element name="repayment" type="Repayment">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              Representation of a repayment made by the borrower. This
              structure represents the repayment at the facility and
              loan contract levels.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
        <xsd:element name="party" type="Party" minOccurs="2" maxOccurs="unbounded">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              The parties involved with the associated transaction.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>
```


2 Groups

2.1 FacilityNoticeDetails.model

2.1.1 Description:

2.1.2 Contents:

noticeDate (exactly one occurrence; of the type xsd:date) The date on which the notice was generated.

agentBankPartyReference (zero or one occurrence; of the type PartyReference) A reference to the agent bank for the given deal.

borrowerPartyReference (zero or one occurrence; of the type PartyReference) A reference to the borrower against the associated loan contract(s).

lenderPartyReference (zero or one occurrence; of the type PartyReference) A reference to the lender(s) associated with the associated loan contract(s).

dealIdentifier (exactly one occurrence; of the type DealIdentifier) A data structure which contains the identifying characteristics of the given deal.

facilityIdentifier (exactly one occurrence; of the type FacilityIdentifier) A data structure which contains the identifying characteristics of the given facility.

facilityCommitmentPosition (zero or one occurrence; of the type FacilityCommitmentPosition) A structure which contains the position being held by the lender on both the facility and loan contract levels. This position information is from the message sender's viewpoint as of the date of the associated notice.

exceptionFlag (zero or one occurrence; of the type xsd:boolean) A flag which can be set by the message sender in order to signify an exceptional business event.

comments (zero or one occurrence; of the type xsd:string) A free-form, manually entered field which will be used by users directly for additional information.

2.1.3 Used by:

- Complex type: FacilityNotice
- Complex type: LoanContractNotice

2.1.4 Figure:

2.1.5 Schema Fragment:

```
<xsd:group name="FacilityNoticeDetails.model">
  <xsd:sequence>
    <xsd:element name="noticeDate" type="xsd:date">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The date on which the notice was generated.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="agentBankPartyReference" type="PartyReference" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A reference to the agent bank for the given deal.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="borrowerPartyReference" type="PartyReference" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A reference to the borrower against the associated loan
          contract(s).
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="lenderPartyReference" type="PartyReference" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A reference to the lender(s) associated with the associated
          loan contract(s).
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="dealIdentifier" type="DealIdentifier">
      <xsd:annotation>
```

```

    <xsd:documentation xml:lang="en">
      A data structure which contains the identifying
      characteristics of the given deal.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="facilityIdentifier" type="FacilityIdentifier">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A data structure which contains the identifying
      characteristics of the given facility.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="facilityCommitmentPosition" type="FacilityCommitmentPosition" minOccurs="1">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A structure which contains the position being held by the
      lender on both the facility and loan contract levels. This
      position information is from the message sender's viewpoint
      as of the date of the associated notice.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="exceptionFlag" type="xsd:boolean" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A flag which can be set by the message sender in order to
      signify an exceptional business event.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="comments" type="xsd:string" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A free-form, manually entered field which will be used by
      users directly for additional information.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:group>

```

3 Schema listing

```
<xsd:schema ecore:nsPrefix="fpml" ecore:package="org.fpml" ecore:documentRoot="FpML" targetNameSpace="org.fpml">
  <xsd:include schemaLocation="fpml-shared-4-4.xsd"/>
  <xsd:include schemaLocation="fpml-msg-4-4.xsd"/>
  <xsd:include schemaLocation="fpml-doc-4-4.xsd"/>
  <xsd:complexType name="DealIdentifier">
    <xsd:annotation>
      <xsd:documentation xml:lang="en">
        The reference to an agreement entered into between the
        borrower, the lenders, the agent, and other financial parties
        that describes the terms and conditions of the loan being made
        to the borrower and the obligations and requirements for the
        borrower, its related entities (if any), and the lenders. List
        of Ids should include at least CUSIP (if exists) and system Id
        of the system that generates the notice.
      </xsd:documentation>
    </xsd:annotation>
    <xsd:complexContent>
      <xsd:extension base="Product">
        <xsd:sequence>
          <xsd:element name="dealName" type="xsd:string" minOccurs="0">
            <xsd:annotation>
              <xsd:documentation xml:lang="en">
                Usually defined as Legal Borrower Name + Credit
                Agreement Date (mm/yyyy)
              </xsd:documentation>
            </xsd:annotation>
          </xsd:element>
          <xsd:element name="creditAgreementDate" type="xsd:date" minOccurs="0">
            <xsd:annotation>
              <xsd:documentation xml:lang="en">
                The credit agreement date is the closing date (the date
                where the agreement has been signed) for the loans in
                the credit agreement. Funding of the facilities occurs
                on (or sometimes a little after) the Credit Agreement
                date.
              </xsd:documentation>
            </xsd:annotation>
          </xsd:element>
        </xsd:sequence>
      </xsd:extension>
    </xsd:complexContent>
  </xsd:complexType>
  <xsd:complexType name="DrawdownNotice">
    <xsd:annotation>
      <xsd:documentation xml:lang="en">
        The notification from the agent bank to lender that loan
        contract is requested by the borrower. A loan contract notice
        will be created by the agent bank for each of the lenders
      </xsd:documentation>
    </xsd:annotation>
    <xsd:complexContent>
      <xsd:extension base="LoanContractNotice">
        <xsd:sequence>
          <xsd:element name="drawdownEventType" type="DrawdownEventTypeEnum" minOccurs="0">
            <xsd:annotation>
              <xsd:documentation xml:lang="en">
                An enumeration that describes whether this message is a
                drawdown or a rate set notification. The same message
                structure is used for both, with some business
                validation differences.
              </xsd:documentation>
            </xsd:annotation>
          </xsd:element>
          <xsd:element name="conditionsPrecedentType" type="ConditionsPrecedentEnum" minOccurs="0">
            <xsd:annotation>
              <xsd:documentation xml:lang="en">
                An enumeration which describes whether the condition
                precedent have been met, not met or been waived. Please
                note: this field is not required since conditions
                precedent may not be applicable in certain scenarios.
              </xsd:documentation>
            </xsd:annotation>
          </xsd:element>
          <xsd:element name="drawdownPayment" type="DrawdownPayment">
            <xsd:annotation>
              <xsd:documentation xml:lang="en">
                The lender's portion of the drawdown payment.
              </xsd:documentation>
            </xsd:annotation>
          </xsd:element>
        </xsd:sequence>
      </xsd:extension>
    </xsd:complexContent>
  </xsd:complexType>
</xsd:schema>
```

```

</xsd:element>
<xsd:element name="party" type="Party" minOccurs="2" maxOccurs="unbounded">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The parties involved with the associated transaction.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:extension>
</xsd:complexContent>
</xsd:complexType>
<xsd:complexType name="DrawdownPayment">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A structure used to describe the payment to be processed as
      part of the drawdown notice.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="paymentDate" type="xsd:date">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The date on which the principal payment is made by the
          lender to the agent bank. Usually defaults to the effective
          date of the loan contract.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="shareLoanContractAmount" type="Money">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The amount of principal allocated to the lender for the
          given drawdown request. This is the same as the payment
          that must be made by the lender to satisfy the drawdown
          request.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="FacilityCommitmentPosition">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      This represents current and prior facility commitment amounts
      on both the global and lender position levels.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="currentAmount" type="ParticipationAmount">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The amount of principal commitment currently allocated to
          the lender within the facility (this is after any
          associated events).
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="priorAmount" type="ParticipationAmount">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The amount of principal commitment that was allocated to
          the lender within the facility (this is prior to any
          associated events).
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
  <xsd:element name="loanContractPosition" type="LoanContractPosition" minOccurs="0" maxOccurs="unbounded">
    <xsd:annotation>
      <xsd:documentation xml:lang="en">
        A structure used to define all positions held by the lender
        at the loan contract level. This structure is design to
        hold either some or all loan contracts.
      </xsd:documentation>
    </xsd:annotation>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="FacilityIdentifier">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A reference to a single credit limit within a deal (also
      referred to in the secondary markets as a 'tranche'). The list
    </xsd:documentation>
  </xsd:annotation>

```

of ids should include the value of the id and a system reference to denote which internal/external source created the id.

```
</xsd:documentation>
</xsd:annotation>
<xsd:complexContent>
  <xsd:extension base="Product">
    <xsd:sequence>
      <xsd:element name="facilityName" type="xsd:string" minOccurs="0">
        <xsd:annotation>
          <xsd:documentation xml:lang="en">
            The name by which the facility is referred to within
            the credit agreement.
          </xsd:documentation>
        </xsd:annotation>
      </xsd:element>
      <xsd:choice minOccurs="0">
        <xsd:element name="currency" type="Currency">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              Facility denomination currency.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
        <xsd:element name="originalCommitmentAmount" type="Money">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              Original global commitment amount of the facility.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
      </xsd:choice>
    </xsd:sequence>
  </xsd:extension>
</xsd:complexContent>
</xsd:complexType>
<xsd:complexType name="FacilityNotice" abstract="true">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A base type for all facility-level notices.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:complexContent>
    <xsd:extension base="NotificationMessage">
      <xsd:sequence>
        <xsd:group ref="FacilityNoticeDetails.model">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              A set of fields which are common to all facility and
              loan contract level notices.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:group>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>
<xsd:complexType name="FacilityRepayment">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      Representation of a repayment made by the borrower against a
      single facility.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="refusalAllowed" type="xsd:boolean">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          Defines whether the lender has an option to accept or deny
          the payment.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="adjustsCommitment" type="xsd:boolean">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          Defines whether the principal repayment will adjust the
          commitment level of the associated facility.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="breakageCost" type="BreakageCostEnum" minOccurs="0">
      <xsd:annotation>
```

```

        <xsd:documentation xml:lang="en">
            Where breakage cost is applicable, this enumeration defines
            who is calculating it - agent bank or lender.
        </xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element name="repaymentDate" type="xsd:date">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            The date on which the principal repayment amount was paid
            to the lender by the agent bank.
        </xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element name="amount" type="ParticipationAmount">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            The global and lender share amount of the principal
            repayment.
        </xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="FeeAccrualPeriod">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            The period for within a fee accrual calculation where the fee
            rate and underlying position amount (commitment, utilization or
            unutilized) is constant.
        </xsd:documentation>
    </xsd:annotation>
</xsd:annotation>
<xsd:sequence>
    <xsd:group ref="Period.model">
        <xsd:annotation>
            <xsd:documentation xml:lang="en">
                The start and end date of the accrual period.
            </xsd:documentation>
        </xsd:annotation>
    </xsd:group>
    <xsd:element name="accrualAmount" type="ParticipationAmount" minOccurs="0">
        <xsd:annotation>
            <xsd:documentation xml:lang="en">
                The global and lender share of the accrued fee amount.
            </xsd:documentation>
        </xsd:annotation>
    </xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="FeeAccrualSchedule">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            The details of the underlying elements that effect the
            calculation of a fee accrual.
        </xsd:documentation>
    </xsd:annotation>
</xsd:annotation>
<xsd:sequence>
    <xsd:choice>
        <xsd:element name="lenderCommitmentPeriod" type="LenderPositionPeriod" maxOccurs="unbou
            <xsd:annotation>
                <xsd:documentation xml:lang="en">
                    The minimal period within the entire fee period where
                    both the lender and global commitment amounts remain
                    constant.
                </xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        <xsd:element name="lenderUtilizationPeriod" type="LenderPositionPeriod" maxOccurs="unbou
            <xsd:annotation>
                <xsd:documentation xml:lang="en">
                    The minimal period within the entire fee period where
                    both the lender and global utilization amounts remain
                    constant..
                </xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        <xsd:element name="lenderUnutilizedPeriod" type="LenderPositionPeriod" maxOccurs="unbou
            <xsd:annotation>
                <xsd:documentation xml:lang="en">
                    The minimal period within the entire fee period where
                    both lender and global unutilized amounts remain
                    constant.
                </xsd:documentation>
            </xsd:annotation>
        </xsd:element>
    </xsd:choice>

```

```

        </xsd:annotation>
    </xsd:element>
</xsd:choice>
<xsd:element name="feeRatePeriod" type="RatePeriod" maxOccurs="unbounded">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            The minimal period within the entire fee period where the
            fee rate remains constant.
        </xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element name="feeAccrualPeriod" type="FeeAccrualPeriod" maxOccurs="unbounded">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            The minimal period within the entire fee period where all
            the factors effecting the fee accrual are constant.
        </xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="FxTerms">
    <xsd:annotation>
        <xsd:documentation>
            A structure which specifies FX conversion terms.
        </xsd:documentation>
    </xsd:annotation>
<xsd:sequence>
    <xsd:element name="fxRate" type="FxRate">
        <xsd:annotation>
            <xsd:documentation xml:lang="en">
                The FX rate associated with the business event.
            </xsd:documentation>
        </xsd:annotation>
    </xsd:element>
    <xsd:element name="fixingDate" type="xsd:date">
        <xsd:annotation>
            <xsd:documentation xml:lang="en">
                The date on which the associated FX rate was fixed.
            </xsd:documentation>
        </xsd:annotation>
    </xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="FxTermsSchedule">
    <xsd:annotation>
        <xsd:documentation>
            A structure which specifies many FX conversion terms, based on
            a schedule.
        </xsd:documentation>
    </xsd:annotation>
<xsd:sequence>
    <xsd:group ref="Period.model">
        <xsd:annotation>
            <xsd:documentation xml:lang="en">
                Defines the dates for a single FX term period.
            </xsd:documentation>
        </xsd:annotation>
    </xsd:group>
    <xsd:element name="fxTerms" type="FxTerms">
        <xsd:annotation>
            <xsd:documentation xml:lang="en">
                Defines a single FX rate conversion.
            </xsd:documentation>
        </xsd:annotation>
    </xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="InterestAccrualPeriod">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            A period defined as having a constant interest rate within
            which the lender maintains a constant loan contract position.
        </xsd:documentation>
    </xsd:annotation>
<xsd:sequence>
    <xsd:group ref="Period.model">
        <xsd:annotation>
            <xsd:documentation xml:lang="en">
                Defines the dates for a single interest accrual period.
            </xsd:documentation>
        </xsd:annotation>
    </xsd:group>

```



```

<xsd:element name="shareInterestAccrualAmount" type="Money">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The amount of interest accrued by the lender over the
      defined period.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="sharePikAccrualAmount" type="Money" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The amount of PIK (payment in kind) accrued by the lender
      over the defined period.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="InterestAccrualSchedule">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A schedule that incorporates all sub-periods of an interest
      accrual calculation.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="interestRatePeriod" type="InterestRatePeriod" maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A period defined as having a constant interest rate.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="pikPeriod" type="PikPeriod" minOccurs="0" maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A period defined as having a constant PIK rate.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="lenderLoanContractPeriod" type="LenderLoanContractPeriod" maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A period within which the lender maintains a constant loan
          contract position.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="interestAccrualPeriod" type="InterestAccrualPeriod" maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A combination of all period types where an interest amount
          can be calculated using constant factors.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="InterestPayment">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A payment requested by the agent bank from each lender for the
      accrued interest amount for the given period and a given loan
      contract.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="calculationMethod" type="InterestCalculationMethodEnum">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          Defines the way in which the agent bank is allocating
          interest payments - can be (i) pro-rata at the time of the
          interest payment or (ii) based on the loan contract share
          throughout the interest period (which is the preferred
          method).
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="paymentDate" type="xsd:date">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The date on which interest was paid to the lender by the
          agent bank.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>

```

```

        </xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element name="amount" type="ParticipationAmount">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            The amount of interest paid by the borrower to the agent
            bank and share paid to the lender.
        </xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="InterestPaymentNotice">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            A notice defining the payment requested by the agent bank from
            each lender for given interest accrual period for a given loan
            contract.
        </xsd:documentation>
    </xsd:annotation>
    <xsd:complexContent>
        <xsd:extension base="LoanContractNotice">
            <xsd:sequence>
                <xsd:element name="interestPayment" type="InterestPayment">
                    <xsd:annotation>
                        <xsd:documentation xml:lang="en">
                            Represents the total amount of interest paid by the
                            borrower to the agent bank and the share of it paid to
                            the lender.
                        </xsd:documentation>
                    </xsd:annotation>
                </xsd:element>
                <xsd:element name="interestAccrualSchedule" type="InterestAccrualSchedule">
                    <xsd:annotation>
                        <xsd:documentation xml:lang="en">
                            A schedule that incorporates all sub-periods of an
                            interest accrual calculation.
                        </xsd:documentation>
                    </xsd:annotation>
                </xsd:element>
                <xsd:element name="party" type="Party" minOccurs="2" maxOccurs="unbounded">
                    <xsd:annotation>
                        <xsd:documentation xml:lang="en">
                            The parties involved with the associated transaction.
                        </xsd:documentation>
                    </xsd:annotation>
                </xsd:element>
            </xsd:sequence>
        </xsd:extension>
    </xsd:complexContent>
</xsd:complexType>
<xsd:complexType name="InterestRatePeriod">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            A full definition of the accrual characteristics of a loan
            contract. This structure defines both the underlying base rate
            as well as any additional margins and costs associated with the
            loan contract.
        </xsd:documentation>
    </xsd:annotation>
    <xsd:sequence>
        <xsd:element name="rateFixingDate" type="xsd:date">
            <xsd:annotation>
                <xsd:documentation xml:lang="en">
                    The date on which the underlying interest rate is fixed.
                    Note: This should default to the effective date of the loan
                    contract in the case of a PRIME base rate.
                </xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        <xsd:group ref="Period.model">
            <xsd:annotation>
                <xsd:documentation xml:lang="en">
                    The dates defining an interest rate period. Note: The end
                    date, in the case of a PRIME-based loan contract, should
                    default to the loan contract maturity date.
                </xsd:documentation>
            </xsd:annotation>
        </xsd:group>
        <xsd:group ref="FloatingRateIndex.model">
            <xsd:annotation>
                <xsd:documentation xml:lang="en">

```

```

        Defines the underlying base rate for this interest rate
        period.
    </xsd:documentation>
</xsd:annotation>
</xsd:group>
<xsd:element name="interestRate" type="PositiveDecimal" minOccurs="0">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            The actual interest rate, defined as a percentage.
        </xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element name="margin" type="xsd:decimal" minOccurs="0">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            The margin as stated in the credit agreement.
        </xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element name="mandatoryCostRate" type="PositiveDecimal" minOccurs="0">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            Charged as an additional cost for select european deals.
        </xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element name="allInRate" type="PositiveDecimal" minOccurs="0">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            The actual percentage rate charged to the borrower.
            (Interest Rate + Margin + MCR) = All In Rate.
        </xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element name="interestDayBasis" type="DayCountFraction" minOccurs="0">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            The day count basis for the interest rate period.
        </xsd:documentation>
    </xsd:annotation>
</xsd:element>
<xsd:element name="tenor" type="Interval" minOccurs="0">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            The number of business days in the interest rate period.
        </xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="LenderLoanContractPeriod">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            A period within which the lender maintains a constant loan
            contract position.
        </xsd:documentation>
    </xsd:annotation>
    <xsd:sequence>
        <xsd:group ref="Period.model">
            <xsd:annotation>
                <xsd:documentation xml:lang="en">
                    Dates defining an lender loan contract period.
                </xsd:documentation>
            </xsd:annotation>
        </xsd:group>
        <xsd:element name="shareCommitmentAmount" type="Money" minOccurs="0">
            <xsd:annotation>
                <xsd:documentation xml:lang="en">
                    The amount of the commitment amount allocated to the lender
                    for the specific period.
                </xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        <xsd:element name="shareLoanContractAmount" type="Money">
            <xsd:annotation>
                <xsd:documentation xml:lang="en">
                    The amount of the loan contract allocated to the lender.
                    This is based on the share of the overall commitment that
                    the lender is assigned.
                </xsd:documentation>
            </xsd:annotation>
        </xsd:element>
    </xsd:sequence>

```

```

</xsd:complexType>
<xsd:complexType name="LenderPositionPeriod">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A period within which the lender maintains a constant position
      amount.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:group ref="Period.model"/>
    <xsd:element name="positionAmount" type="ParticipationAmount" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          Global and lender share amounts.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="LoanContract">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A core structure describing a loan contract between borrower
      and lenders forming part or all of the credit line offered by a
      facility structure within a deal.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="loanContractIdentifier" type="LoanContractIdentifier">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A set of fields used to uniquely identify a specific loan
          contract within a given facility.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="borrowerPartyReference" type="PartyReference">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A reference to the borrower against a loan contract.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="amount" type="Money">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The borrowing amount associated with the loan contract. The
          currency may or may not be the same as the facility
          currency.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="effectiveDate" type="xsd:date">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The effective date of the loan contract. This is the date
          on which the funds are passed to the borrower.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="conditionsPrecedentMet" type="xsd:boolean" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A flag defining whether conditions precedent have been met.
          Once met, the borrower can start drawing against the
          associated facility.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="conditionsPrecedentComment" type="xsd:string" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A free text field defining the reasons why conditions
          precedent have not been met.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="fxTermsSchedule" type="FxTermsSchedule" minOccurs="0" maxOccurs="unbound">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          Defines the exchange rate between the loan contract and
          facility currencies. This rate can be reset/redefined
          mid-period within an outstanding loan contract.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>

```

```

        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="currentInterestRatePeriod" type="InterestRatePeriod">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          Defines the base rate and additional charges associated
          with the loan contract.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="interestPaymentTenor" type="Interval" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The frequency at which interest payments are made. As
          stated in the credit agreement.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="nextInterestPaymentDate" type="xsd:date" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The next interest payment is due on this date.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="LoanContractIdentifier">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A basic set of fields used to uniquely identify the loan
      contract.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="identifier" type="ContractIdentifier" maxOccurs="unbounded">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A structure that can me used to store multiple identifiers
          for the loan contract. Each identifier has associated with
          it a scheme definition to tell the receipient the 'type' of
          the id.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="originalAmount" type="Money" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The original amount associated with the loan contract in
          loan contract currency.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="maturityDate" type="xsd:date" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The maturity date of the loan contract. In the case of a
          PRIME-based loan, this field should be set to the maturity
          date of the facility.>
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="LoanContractNotice" abstract="true">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      An abstract type containing all the common elements of a loan
      contract-level notice.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:complexContent>
    <xsd:extension base="NotificationMessage">
      <xsd:sequence>
        <xsd:group ref="FacilityNoticeDetails.model"/>
        <xsd:choice>
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              The sender may choose to either transmit the full or
              partial loan contract details.
            </xsd:documentation>
          </xsd:annotation>

```

```

<xsd:element name="loanContract" type="LoanContract">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A core structure describing a loan contract between
      borrower and lenders forming part or all of the
      credit line offered by a facility structure within a
      deal.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="loanContractIdentifier" type="LoanContractIdentifier">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A basic set of fields used to uniquely identify the
      loan contract.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
</xsd:choice>
</xsd:sequence>
</xsd:extension>
</xsd:complexContent>
</xsd:complexType>
<xsd:complexType name="LoanContractPosition">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      Represents outstanding loan amounts on both the global and
      lender position levels.
    </xsd:documentation>
  </xsd:annotation>
</xsd:sequence>
  <xsd:element name="loanContractIdentifier" type="LoanContractIdentifier">
    <xsd:annotation>
      <xsd:documentation xml:lang="en">
        A basic set of fields used to uniquely identify the loan
        contract.
      </xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="currentAmount" type="ParticipationAmount">
    <xsd:annotation>
      <xsd:documentation xml:lang="en">
        The current outstanding loan contract amount represented on
        a global and lender share perspective (this is post to any
        associated events).
      </xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="priorAmount" type="ParticipationAmount">
    <xsd:annotation>
      <xsd:documentation xml:lang="en">
        The previous outstanding loan contract amount represented
        on a global and lender share perspective (this is prior to
        any associated events).
      </xsd:documentation>
    </xsd:annotation>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="LoanContractRepayment">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The amount of principal repayment associated with a single loan
      contract.
    </xsd:documentation>
  </xsd:annotation>
</xsd:sequence>
  <xsd:element name="loanContractIdentifier" type="LoanContractIdentifier">
    <xsd:annotation>
      <xsd:documentation xml:lang="en">
        A basic set of fields used to uniquely identify the loan
        contract.
      </xsd:documentation>
    </xsd:annotation>
  </xsd:element>
  <xsd:element name="amount" type="ParticipationAmount">
    <xsd:annotation>
      <xsd:documentation xml:lang="en">
        The amount of principal repayment associated with this loan
        contract. This can be represented at the global and the
        lender share levels.
      </xsd:documentation>
    </xsd:annotation>
  </xsd:element>

```

```

</xsd:element>
<xsd:element name="interestPaidWithRepayment" type="InterestPaidWithRepaymentEnum">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      Defines whether interest is being paid together with the
      principal repayment (on repayment date).
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="OneOffFeeNotice">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      This defines a notification of a one-off fee being paid at
      either the loan contract or facility levels.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:complexContent>
    <xsd:extension base="FacilityNotice">
      <xsd:sequence>
        <xsd:element name="loanContractIdentifier" type="LoanContractIdentifier" minOccurs="0">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              A basic set of fields used to uniquely identify the
              loan contract.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
        <xsd:element name="feePayment" type="OneOffFeePayment">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              A representation of the one-off payment.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
        <xsd:element name="party" type="Party" minOccurs="2" maxOccurs="unbounded">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              The parties involved with the associated transaction.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>
<xsd:complexType name="OneOffFeePayment">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      The details of a payment made by the borrower to the agent bank
      related to a given one-off facility or loan contract fee.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="feeType" type="OneOffFeeTypeEnum">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          Describes the type of the one-off fee.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="effectiveDate" type="xsd:date">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The date on which the fee is due.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="paymentDate" type="xsd:date">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The date on which the fee is paid by the borrower to the
          agent bank.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="amount" type="ParticipationAmount">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The global amount describes the amount paid by the borrower
          to the agent bank whereas the share amount describes the
          amount paid by the agent bank to the lender.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
  </xsd:sequence>
</xsd:complexType>

```

```

        </xsd:documentation>
    </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="OnGoingFeeNotice">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            The agent bank will request that the borrower makes a fee
            payment in accordance with the credit agreement. The borrower
            will make a payment to the agent bank after which the agent
            bank will calculate each lender's fee amount.
        </xsd:documentation>
    </xsd:annotation>
    <xsd:complexContent>
        <xsd:extension base="FacilityNotice">
            <xsd:sequence>
                <xsd:element name="feePayment" type="OnGoingFeePayment">
                    <xsd:annotation>
                        <xsd:documentation xml:lang="en">
                            A representation of the on-going fee payment.
                        </xsd:documentation>
                    </xsd:annotation>
                </xsd:element>
                <xsd:element name="feeAccrualSchedule" type="FeeAccrualSchedule">
                    <xsd:annotation>
                        <xsd:documentation xml:lang="en">
                            The details of the underlying elements that effect the
                            calculation of a fee accrual.
                        </xsd:documentation>
                    </xsd:annotation>
                </xsd:element>
                <xsd:element name="party" type="Party" minOccurs="2" maxOccurs="unbounded">
                    <xsd:annotation>
                        <xsd:documentation xml:lang="en">
                            The parties involved with the associated transaction.
                        </xsd:documentation>
                    </xsd:annotation>
                </xsd:element>
            </xsd:sequence>
        </xsd:extension>
    </xsd:complexContent>
</xsd:complexType>
<xsd:complexType name="OnGoingFeePayment">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            The details of a payment made by the borrower to the agent bank
            related to a given on-going facility fee.
        </xsd:documentation>
    </xsd:annotation>
    <xsd:sequence>
        <xsd:element name="feeType" type="OnGoingFeeTypeEnum">
            <xsd:annotation>
                <xsd:documentation xml:lang="en">
                    Describes the type of the on-going fee.
                </xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        <xsd:group ref="Period.model">
            <xsd:annotation>
                <xsd:documentation xml:lang="en">
                    The period against which the on-going fee is due.
                </xsd:documentation>
            </xsd:annotation>
        </xsd:group>
        <xsd:element name="feeDayBasis" type="DayCountFraction" minOccurs="0">
            <xsd:annotation>
                <xsd:documentation xml:lang="en">
                    The day count basis for the fee calculation period.
                </xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        <xsd:element name="paymentDate" type="xsd:date">
            <xsd:annotation>
                <xsd:documentation xml:lang="en">
                    The day on which the fee is paid by the borrower to the
                    agent bank.
                </xsd:documentation>
            </xsd:annotation>
        </xsd:element>
        <xsd:element name="amount" type="ParticipationAmount">
            <xsd:annotation>
                <xsd:documentation xml:lang="en">

```



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        The global amount describes the amount paid by the borrower
        to the agent bank whereas the share amount describes the
        amount paid by the agent bank to the lender.
    </xsd:documentation>
</xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="ParticipationAmount">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            Generic type to represent amounts at the global (borrower's
            viewpoint) and the lender share (lender's viewpoint) levels.
        </xsd:documentation>
    </xsd:annotation>
    <xsd:sequence>
        <xsd:element name="globalAmount" type="Money" minOccurs="0"/>
        <xsd:element name="shareAmount" type="Money"/>
    </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="PikPeriod">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            A period with a constant PIK percentage - the percentage of
            margin which is capitalized.
        </xsd:documentation>
    </xsd:annotation>
    <xsd:sequence>
        <xsd:group ref="Period.model">
            <xsd:annotation>
                <xsd:documentation xml:lang="en">
                    Dates defining the period.
                </xsd:documentation>
            </xsd:annotation>
        </xsd:group>
        <xsd:element name="pikPercent" type="xsd:decimal">
            <xsd:annotation>
                <xsd:documentation xml:lang="en">
                    The percentage of either the base rate or margin that will
                    be capitalized.
                </xsd:documentation>
            </xsd:annotation>
        </xsd:element>
    </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="RatePeriod">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            Defines a generic 'rate' for a defined period.
        </xsd:documentation>
    </xsd:annotation>
    <xsd:sequence>
        <xsd:group ref="Period.model">
            <xsd:annotation>
                <xsd:documentation xml:lang="en">
                    The dates defining the period.
                </xsd:documentation>
            </xsd:annotation>
        </xsd:group>
        <xsd:element name="rate" type="xsd:decimal">
            <xsd:annotation>
                <xsd:documentation xml:lang="en">
                    The rate applied to this period.
                </xsd:documentation>
            </xsd:annotation>
        </xsd:element>
    </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="Repayment">
    <xsd:annotation>
        <xsd:documentation xml:lang="en">
            Representation of a repayment made by the borrower. This
            structure represents the repayment at the facility and loan
            contract levels.
        </xsd:documentation>
    </xsd:annotation>
    <xsd:sequence>
        <xsd:element name="facilityRepayment" type="FacilityRepayment">
            <xsd:annotation>
                <xsd:documentation xml:lang="en">
                    Representation of a principal repayment shown at the
                    facility level.
                </xsd:documentation>
            </xsd:annotation>
        </xsd:element>
    </xsd:sequence>
</xsd:complexType>

```

```

    </xsd:annotation>
  </xsd:element>
  <xsd:element name="loanContractRepayment" type="LoanContractRepayment" maxOccurs="unbound">
    <xsd:annotation>
      <xsd:documentation xml:lang="en">
        Representation of a principal repayment shown at the loan
        contract level.
      </xsd:documentation>
    </xsd:annotation>
  </xsd:element>
</xsd:sequence>
</xsd:complexType>
<xsd:complexType name="RepaymentNotice">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A notice describing a principal repayment to be made by the
      borrower.
    </xsd:documentation>
  </xsd:annotation>
  <xsd:complexContent>
    <xsd:extension base="FacilityNotice">
      <xsd:sequence>
        <xsd:element name="repayment" type="Repayment">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              Representation of a repayment made by the borrower.
              This structure represents the repayment at the facility
              and loan contract levels.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
        <xsd:element name="party" type="Party" minOccurs="2" maxOccurs="unbounded">
          <xsd:annotation>
            <xsd:documentation xml:lang="en">
              The parties involved with the associated transaction.
            </xsd:documentation>
          </xsd:annotation>
        </xsd:element>
      </xsd:sequence>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>
<xsd:group name="FacilityNoticeDetails.model">
  <xsd:sequence>
    <xsd:element name="noticeDate" type="xsd:date">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          The date on which the notice was generated.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="agentBankPartyReference" type="PartyReference" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A reference to the agent bank for the given deal.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="borrowerPartyReference" type="PartyReference" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A reference to the borrower against the associated loan
          contract(s).
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="lenderPartyReference" type="PartyReference" minOccurs="0">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A reference to the lender(s) associated with the associated
          loan contract(s).
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="dealIdentifier" type="DealIdentifier">
      <xsd:annotation>
        <xsd:documentation xml:lang="en">
          A data structure which contains the identifying
          characteristics of the given deal.
        </xsd:documentation>
      </xsd:annotation>
    </xsd:element>
    <xsd:element name="facilityIdentifier" type="FacilityIdentifier">

```

```

<xsd:annotation>
  <xsd:documentation xml:lang="en">
    A data structure which contains the identifying
    characteristics of the given facility.
  </xsd:documentation>
</xsd:annotation>
</xsd:element>
<xsd:element name="facilityCommitmentPosition" type="FacilityCommitmentPosition" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A structure which contains the position being held by the
      lender on both the facility and loan contract levels. This
      position information is from the message sender's viewpoint
      as of the date of the associated notice.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="exceptionFlag" type="xsd:boolean" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A flag which can be set by the message sender in order to
      signify an exceptional business event.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
<xsd:element name="comments" type="xsd:string" minOccurs="0">
  <xsd:annotation>
    <xsd:documentation xml:lang="en">
      A free-form, manually entered field which will be used by
      users directly for additional information.
    </xsd:documentation>
  </xsd:annotation>
</xsd:element>
</xsd:sequence>
</xsd:group>
</xsd:schema>

```