M&R Estimate Saga (v1.0)

Introduction

The M&R Estimate Saga message is initially sent by the M&R workshop to the lessee or lessor. The lessee or lessor can then enrich the file with authorization information and return it to the M&R workshop.

M&R Estimate Saga

Sample Preview

```xml
<?xml version="1.0" standalone="yes"?>
<DepotEstimate xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="">
  <Header>
    <Guid>d1355cc8-dc66-4969-ba07-49338febc794</Guid>
    <SenderId>RTMDEPOT</SenderId>
    <ReceiverId>TRIFLEET</ReceiverId>
    <DateSent>2019-06-03T16:30:01.3492113+02:00</DateSent>
    <Type>MREstimate</Type>
    <Version>1.0</Version>
    <CurrencyISO>EUR</CurrencyISO>
    <ConversationId />
  </Header>
  <YardOrder>
    <Id>956231</Id>
    <CustomerReference>E223344.55</CustomerReference>
    <DateIn>2019-06-03T16:30:01.3502087</DateIn>
    <Equipment>
      <EquipmentNumber>ABCD-123456-0</EquipmentNumber>
      <EquipmentType>20T0, TANK CONTAINER</EquipmentType>
      <EquipmentTypeISO>20T0</EquipmentTypeISO>
      <Lessee>LesseeName</Lessee>
      <Lessor>LessorName</Lessor>
      <Manufacturer>Manufacturer</Manufacturer>
      <LastTestType>H</LastTestType>
      <LastTestDate>2017-01-03T00:00:00</LastTestDate>
      <CSCDate>2018-04-07T00:00:00</CSCDate>
      <Capacity>593873</Capacity>
      <BuildingYear>2011</BuildingYear>
    </Equipment>
    <MREstimate>
      <Id>123456</Id>
      <DateCreated>2019-06-03T16:30:01.3522034+02:00</DateCreated>
      <Version>V1</Version>
      <CustomerReference>12345</CustomerReference>
      <Description>This is a description</Description>
      <DateInitiallySent>2019-06-03T16:30:01.3522034+02:00</DateInitiallySent>
      <DateAutorizedLessor>2019-05-31T16:30:01.3522034+02:00</DateAutorizedLessor>
      <DateAuthorizationAcceptedByRepairWorkshop>2019-06-03T16:30:01.3522034+02:00</DateAuthorizationAcceptedByRepairWorkshop>
      <DateCancelledLessor>2019-06-03T16:30:01.3522034+02:00</DateCancelledLessor>
      <MREstimateRemark>
        <Guid>1358ce0c-2a85-46dc-bcc4-6f622f19b78c</Guid>
        <Date>2019-06-03T16:30:01.3541985</Date>
        <Author>Jennifer</Author>
        <Remark>This is a remark</Remark>
      </MREstimateRemark>
      <MREstimateRemark>
        <Guid>9119f1ad-e9f5-439d-8028-0da0098b4ca3</Guid>
        <Date>2019-06-03T16:30:01.3551956</Date>
        <Author>Jennifer</Author>
        <Remark>And another remark</Remark>
      </MREstimateRemark>
      <MREstimateLine>
        <Id>1</Id>
        <Action>true</Action>
        <ThirdParty>false</ThirdParty>
        <Description>Replace valves</Description>
        <Quantity>1</Quantity>
        <LaborTariff>30.1</LaborTariff>
        <LaborHours>4</LaborHours>
        <LaborCost>120</LaborCost>
        <MaterialCost>250.4</MaterialCost>
        <LumpSum>250.12</LumpSum>
        <Cat>BTM</Cat>
        <Category>Bottom</Category>
        <Codes>
          <KindOfCode>ISOLOC</KindOfCode>
          <Value>R2AN</Value>
        </Codes>
        <Codes>
          <KindOfCode>LOC</KindOfCode>
          <Value>BTM</Value>
        </Codes>
        <Codes>
          <KindOfCode>MAT</KindOfCode>
          <Value>IRON</Value>
        </Codes>
      </MREstimateLine>
    </MREstimate>
  </YardOrder>
</DepotEstimate>
```

Definition

Tables

Table	Explanation
<DepotEstimate>	The entire message is in this tag
<Header>	Exactly ONE header record is to be present
<YardOrder>	Currently there is only ONE suborder per file
<Equipment>	Describes equipment information
<MREstimate>	Currently there is only ONE suborder per file
<MREstimateRemarks>	Remark group
<MREstimateRemark>	Remarks
<MREstimateLines>	M&R repair lines group
<MREstimateLine>	M&R repair line
<Codes>	M&R codes group
<Code>	M&R code

Columns

<Header>	Datatype	Requirements	Explanation
<Guid>	xs:string	Reserved	GUID
<SenderId>	xs:string	Required	Agreed between parties
<ReceiverId>	xs:string	Required	Agreed between parties
<DateSent>		Required	Includes timezone
<Type>	xs:string	Required	Out: MRESTIMATE In: AUTHORIZE
<Version>	xs:string	Required	
<CurrencyISO>	xs:string	Required	ISO of currency for all prices in this message
<ConversationID>	xs:string	Reserved	This ID is added by the the SYNDA hub to provide a history of the messageflow (saga's). Sending and receiving parties should not alter the contents of this field.

<YardOrder>	Datatype	Requirements	Explanation
<Id>	xs:long	Reserved	Unique order ID
<CustomerReference>	xs:string		
<DateIn>	xs:datetime	Required	Returns the local depot yard time when equipment arrived on the depot yard
<Equipment>	complex	Always 1, no more, no less	
<MREstimate>	complex	Always 1, no more, no less	

<Equipment>	Datatype	Requirements	Explanation
<EquipmentNumber>	xs:string	Required	
<EquipmentType>	xs:string	Required	
<EquipmentTypeISO>	xs:string		
<Lessee>	xs:string	Required	
<Lessor>	xs:string	Required	
<Manufacturer>	xs:string		
<LastTestType>	xs:string		• A = • H = Hydraulic
<LastTestDate>	xs:datetime		

<CSCDate>	xs:datetime		
<Capacity>	xs:int		
<BuildingYear>	xs:int		4 digit year number (for example: *1999*)

<MREstimate>	Datatype	Requirements	Explanation
<Id>	xs:long	Reserved	Unique order ID
<DateCreated>	xs:datetime	Required	
<Version>	xs:string		Version that this estimate is known by to the M&R Workshop
<CustomerReference>	xs:string		
<Description>	xs:string		
<DateInitiallySent>	xs:datetime	Required	
<DateAuthorizedLessor>	xs:datetime		
<DateAuthorizationAcceptedByRepairWorkshop>	xs:datetime		
<DateCancelledLessor>	xs:datetime		Date cancelled always takes precedent over DateAuthorizedLessor
<MREstimateRemark>	complex		
<MREstimateLine>	complex		

<MREstimateRemark>	Datatype	Requirements	Explanation
<Guid>	xs:string	Required	GUID
<Date>	xs:datetime	Required	
<Author>	xs:string	Required	
<Remark>	xs:string	Required	

<MREstimateLine>	Datatype	Requirements	Explanation
<Id>	xs:long	Reserved	Unique line ID
<Action>	xs:boolean	Required	
<ThirdParty>	xs:boolean	Required	If a line is for a Third Party then all amounts will show as 0
<Description>	xs:string		
<Quantity>	xs:integer	Required	0 is acceptable
<LaborTariff>	xs:decimal	Required	• 0 is acceptable • This field is for reference only, and should not be used for calculations, please use the field LaborCost for that.
<LaborHours>	xs:decimal	Required	• 0 is acceptable • This field is for reference only, and should not be used for calculations, please use the field LaborCost for that
<LaborCost>	xs:decimal	Required	• This field is the definitive rounded calculation of (LaborTariff*LaborHours) • 0 is acceptable • Quantity applies
<MaterialCost>	xs:decimal	Required	• 0 is acceptable • Quantity applies

<LumpSum>	xs:decimal		• Lumpsum overrides all labor & material costs • 0 has no effect and is the default • Quantity applies
<Cat>	xs:string		Abbreviated category (aka. category code)
<Category>	xs:string		
<Codes>	complex		
<Memo>	xs:string		Memo entries (0..n)

<Codes>	Datatype	Requirements	Explanation
<KindOfCode>	xs:string	Required	
<Value>	xs:string	Required	