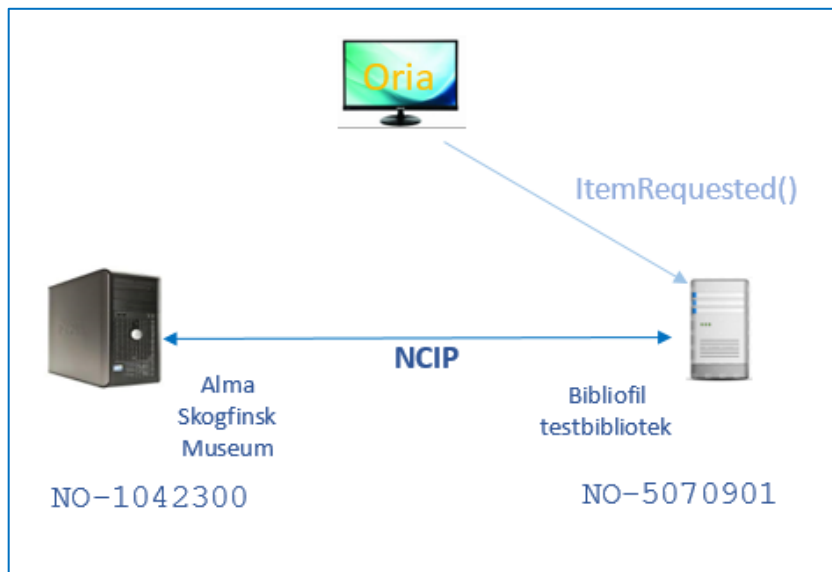

Norwegian NCIP profile v 1.1 – April 2018

Examples

Author: Erling Fossan, BIBSYS

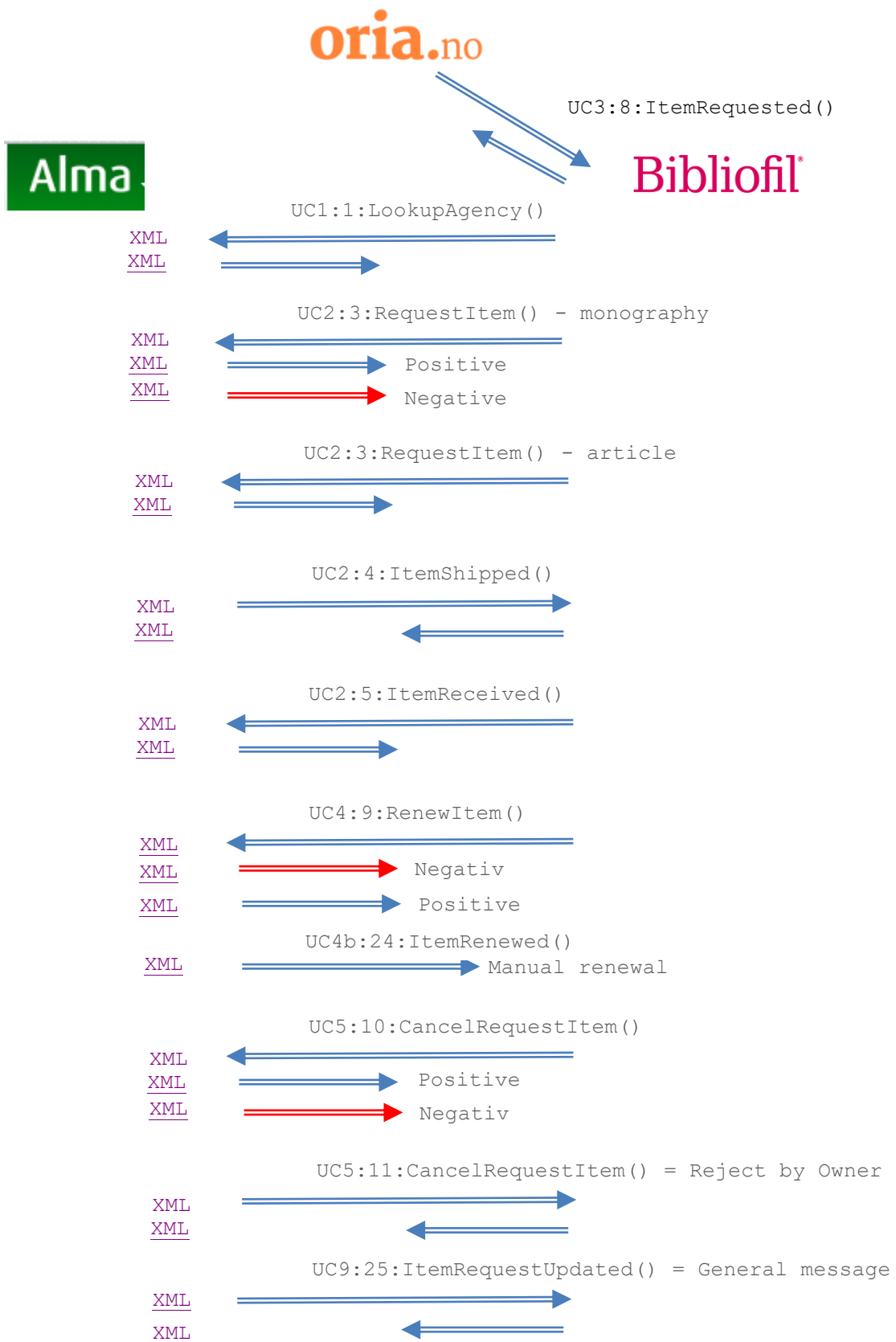
Date: 12. April 2018

XML examples compiled for flow Oria – Bibliofil – Alma



The following pages have most of the possible messages represented.

For complete set of examples, see 'Norsk_NCIP_1.1_Eksempler_XML.zip'.



UC1:1 - A Library System -> Another Library System: NCIP.LookupAgency()

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns1:NCIPMessage xmlns:ns1="http://www.niso.org/2008/ncip" ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd">
  <ns1:LookupAgency>
    <ns1:InitiationHeader>
      <ns1:FromSystemId>BIBLIOFIL_NCIP_ILL</ns1:FromSystemId>
      <ns1:FromAgencyId>
        <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      </ns1:FromAgencyId>
      <ns1:ToAgencyId>
        <ns1:AgencyId>NO-1042300</ns1:AgencyId>
      </ns1:ToAgencyId>
    </ns1:InitiationHeader>
    <ns1:AgencyId>NO-1042300</ns1:AgencyId>
    <ns1:AgencyElementType>Application Profile Supported Type</ns1:AgencyElementType>
    <ns1:AgencyElementType>Agency Address Information</ns1:AgencyElementType>
  </ns1:LookupAgency>
</ns1:NCIPMessage>
```

UC1:1 - Response

```
<?xml version="1.0" encoding="UTF-8"?>
<ns1:NCIPMessage ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd" xmlns:ns1="http://www.niso.org/2008/ncip"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd">
  <ns1:LookupAgencyResponse>
    <ns1:ResponseHeader>
      <ns1:FromSystemId>ALMA_NCIP_ILL</ns1:FromSystemId>
      <ns1:FromAgencyId>
        <ns1:AgencyId>NO-1042300</ns1:AgencyId>
      </ns1:FromAgencyId>
      <ns1:ToAgencyId>
        <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      </ns1:ToAgencyId>
    </ns1:ResponseHeader>
```

```
<ns1:AgencyId>NO-1042300</ns1:AgencyId>
<ns1:OrganizationNameInformation>
  <ns1:OrganizationNameType>Museum Library</ns1:OrganizationNameType>
  <ns1:OrganizationName>Norsk Skogfinsk Museum</ns1:OrganizationName>
</ns1:OrganizationNameInformation>
<ns1:AgencyAddressInformation>
  <ns1:AgencyAddressRoleType>Official</ns1:AgencyAddressRoleType>
  <ns1:ValidFromDate>2015-06-11T08:36:06</ns1:ValidFromDate>
  <ns1:PhysicalAddress>
    <ns1:StructuredAddress>
      <ns1:Street>Svullrya gamle skole</ns1:Street>
      <ns1:Region>Grue finnskog</ns1:Region>
      <ns1:Country>Norway</ns1:Country>
      <ns1:PostalCode>2256</ns1:PostalCode>
    </ns1:StructuredAddress>
    <ns1:PhysicalAddressType/>
  </ns1:PhysicalAddress>
</ns1:AgencyAddressInformation>
<ns1:AgencyAddressInformation>
  <ns1:AgencyAddressRoleType>Official</ns1:AgencyAddressRoleType>
  <ns1:ElectronicAddress>
    <ns1:ElectronicAddressType/>
    <ns1:ElectronicAddressData>as@bibsys.no</ns1:ElectronicAddressData>
  </ns1:ElectronicAddress>
</ns1:AgencyAddressInformation>
<ns1:ApplicationProfileSupportedType>NNCIPP 1.1</ns1:ApplicationProfileSupportedType>
</ns1:LookupAgencyResponse>
</ns1:NCIPMessage>
```

UC2:3 - Home Library -> Owner Library: NCIP.RequestItem() - monography

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns1:NCIPMessage xmlns:ns1="http://www.niso.org/2008/ncip" ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd">
  <ns1:RequestItem>
    <ns1:InitiationHeader>
      <ns1:FromSystemId>ORIA_NCIP_ILL,BIBLIOFIL_NCIP_ILL</ns1:FromSystemId>
      <ns1:FromAgencyId>
        <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      </ns1:FromAgencyId>
      <ns1:ToAgencyId>
        <ns1:AgencyId>NO-1042300</ns1:AgencyId>
      </ns1:ToAgencyId>
    </ns1:InitiationHeader>
    <ns1:UserId>
      <ns1:UserIdentifierValue>N001234567</ns1:UserIdentifierValue>
    </ns1:UserId>
    <ns1:BibliographicId>
      <ns1:BibliographicRecordId>
        <ns1:BibliographicRecordIdentifier>8291352410</ns1:BibliographicRecordIdentifier>
        <ns1:BibliographicRecordIdentifierCode>ISBN</ns1:BibliographicRecordIdentifierCode>
      </ns1:BibliographicRecordId>
    </ns1:BibliographicId>
    <ns1:RequestId>
      <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      <ns1:RequestIdentifierValue>reqid-brefr2-1445512</ns1:RequestIdentifierValue>
    </ns1:RequestId>
    <ns1:RequestType>Physical</ns1:RequestType>
    <ns1:RequestScopeType>Title</ns1:RequestScopeType>
    <ns1:ItemOptionalFields>
      <ns1:BibliographicDescription>
        <ns1:Author>Frang, Bjørn</ns1:Author>
        <ns1:PublicationDate>2002</ns1:PublicationDate>
        <ns1:Publisher>Trysil-forl</ns1:Publisher>
        <ns1:Title>Rød klut</ns1:Title>
        <ns1:BibliographicLevel>Book</ns1:BibliographicLevel>
        <ns1:MediumType>Physical</ns1:MediumType>
      </ns1:BibliographicDescription>
    </ns1:ItemOptionalFields>
  </ns1:RequestItem>
</ns1:NCIPMessage>
```

```

</ns1:ItemOptionalFields>
<ns1:NeedBeforeDate>2018-04-14T00:00:00</ns1:NeedBeforeDate>
<ns1:Ext>
  <ns1:ItemNote>Haster!!</ns1:ItemNote>
</ns1:Ext>
</ns1:RequestItem>
</ns1:NCIPMessage>

```

UC2:3 - Response monography - positive:

```

<?xml version="1.0" encoding="UTF-8"?>
<ns1:NCIPMessage ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd" xmlns:ns1="http://www.niso.org/2008/ncip"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd">
  <ns1:RequestItemResponse>
    <ns1:ResponseHeader>
      <ns1:FromSystemId>ALMA_NCIP_ILL</ns1:FromSystemId>
      <ns1:FromAgencyId>
        <ns1:AgencyId>NO-1042300</ns1:AgencyId>
      </ns1:FromAgencyId>
      <ns1:ToAgencyId>
        <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      </ns1:ToAgencyId>
    </ns1:ResponseHeader>
    <ns1:RequestId>
      <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      <ns1:RequestIdentifierValue>reqid-brefr2-1445512</ns1:RequestIdentifierValue>
    </ns1:RequestId>
    <ns1:UserId>
      <ns1:UserIdentifierValue>N001234567</ns1:UserIdentifierValue>
    </ns1:UserId>
    <ns1:RequestType>Physical</ns1:RequestType>
    <ns1:RequestScopeType>Title</ns1:RequestScopeType>
    <ns1:ItemOptionalFields>
      <ns1:BibliographicDescription>
        <ns1:Author>Frang, Bjørn</ns1:Author>
        <ns1:BibliographicRecordId>
          <ns1:BibliographicRecordIdentifier>990301860484702286</ns1:BibliographicRecordIdentifier>
          <ns1:BibliographicRecordIdentifierCode>LocalId</ns1:BibliographicRecordIdentifierCode>
        </ns1:BibliographicRecordId>

```

```

        <ns1:PlaceOfPublication>[Nybergsund]</ns1:PlaceOfPublication>
        <ns1:PublicationDate>2002</ns1:PublicationDate>
        <ns1:Publisher>Trysil-forl</ns1:Publisher>
        <ns1:Title>Rød klut</ns1:Title>
        <ns1:BibliographicLevel>Book</ns1:BibliographicLevel>
        <ns1:Language>nob</ns1:Language>
        <ns1:MediumType>Use values as defined in Implementation part of NCIP on page 23.</ns1:MediumType>
    </ns1:BibliographicDescription>
</ns1:ItemOptionalFields>
</ns1:RequestItemResponse>
</ns1:NCIPMessage>

```

UC2:3 - Response monography - negative:

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns1:NCIPMessage xmlns:ns1="http://www.niso.org/2008/ncip" ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd">
    <ns1:RequestItemResponse>
        <ns1:ResponseHeader>
            <ns1:FromSystemId>ALMA_NCIP_ILL</ns1:FromSystemId>
            <ns1:FromAgencyId>
                <ns1:AgencyId>NO-1042300</ns1:AgencyId>
            </ns1:FromAgencyId>
            <ns1:ToAgencyId>
                <ns1:AgencyId>NO-5070901</ns1:AgencyId>
            </ns1:ToAgencyId>
        </ns1:ResponseHeader>
        <ns1:Problem>
            <ns1:ProblemType>Item Does Not Circulate</ns1:ProblemType>
            <ns1:ProblemDetail>Request or check out of Item cannot proceed because the Item is non-circulating</ns1:ProblemDetail>
        </ns1:Problem>
        <ns1:Ext>
            <ns1:RequestId>
                <ns1:AgencyId>NO-5070901</ns1:AgencyId>
                <ns1:RequestIdentifierValue>reqid-brefr2-1445512</ns1:RequestIdentifierValue>
            </ns1:RequestId>
            <ns1:BibliographicRecordId>
                <ns1:BibliographicRecordIdentifier>8291352410</ns1:BibliographicRecordIdentifier>
                <ns1:BibliographicRecordIdentifierCode>ISBN</ns1:BibliographicRecordIdentifierCode>
            </ns1:BibliographicRecordId>
        </ns1:Ext>
    </ns1:RequestItemResponse>
</ns1:NCIPMessage>

```



```
        </ns1:BibliographicRecordId>
        <ns1:UserId>
          <ns1:UserIdentifierValue>N001234567</ns1:UserIdentifierValue>
        </ns1:UserId>
      </ns1:Ext>
    </ns1:RequestItemResponse>
  </ns1:NCIPMessage>
```

UC2:3 - Home Library -> Owner Library: NCIP.RequestItem() - article

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns1:NCIPMessage xmlns:ns1="http://www.niso.org/2008/ncip" ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd">
<!-- Usage in NNCIPP 1.1 is in use-case 2, call #3: A user request an article for photocopy, from a external library. -->
  <ns1:RequestItem>
    <ns1:InitiationHeader>
      <ns1:FromSystemId>ORIA_NCIP_ILL,BIBLIOFIL_NCIP_ILL</ns1:FromSystemId>
      <ns1:FromAgencyId>
        <ns1:AgencyId>NO-5070901</ns1:AgencyId> <!--Bibliofil testbibliotek -->
      </ns1:FromAgencyId>
      <ns1:ToAgencyId>
        <ns1:AgencyId>NO-1042300</ns1:AgencyId> <!--Skogfinsk museum-->
      </ns1:ToAgencyId>
    </ns1:InitiationHeader>
    <ns1:UserId>
      <ns1:UserIdentifierValue>N001234567</ns1:UserIdentifierValue>
    </ns1:UserId>
    <ns1:ItemId>
      <ns1:ItemIdentifierType>Barcode</ns1:ItemIdentifierType>
      <ns1:ItemIdentifierValue>001501wla</ns1:ItemIdentifierValue>
    </ns1:ItemId>
    <ns1:RequestId>
      <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      <ns1:RequestIdentifierValue>reqid-brefr2-1445517</ns1:RequestIdentifierValue>
    </ns1:RequestId>
    <ns1:RequestType>Digital</ns1:RequestType>
    <ns1:RequestScopeType>Title</ns1:RequestScopeType>
    <ns1:ItemOptionalFields>
      <ns1:BibliographicDescription>
        <ns1:AuthorOfComponent>Jens Jensen</ns1:AuthorOfComponent>
        <ns1:Pageination>10-25</ns1:Pageination>
        <ns1:Title>Historisk tidsskrift</ns1:Title>
        <ns1:TitleOfComponent>Bjønn i Trysiltraktene</ns1:TitleOfComponent>
        <ns1:BibliographicLevel>Journal</ns1:BibliographicLevel>
        <ns1:MediumType>Photocopy</ns1:MediumType>
      </ns1:BibliographicDescription>
    </ns1:ItemOptionalFields>
    <ns1:NeedBeforeDate>2018-03-17T00:00:00</ns1:NeedBeforeDate>
```

```

<ns1:Ext>
  <ns1:ItemNote>Hefte: 53(1974) 2, Haster!! </ns1:ItemNote>
  <!-- Alma has defined 'Volumes' element here, not validating -->
  <!-- Alma has defined 'Issues' element here, not validating -->
</ns1:Ext>
</ns1:RequestItem>
</ns1:NCIPMessage>

```

UC2:3 - Response article - positive:

```

<?xml version="1.0" encoding="UTF-8"?>
<ns1:NCIPMessage ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd" xmlns:ns1="http://www.niso.org/2008/ncip"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd">
  <ns1:RequestItemResponse>
    <ns1:ResponseHeader>
      <ns1:FromSystemId>ALMA_NCIP_ILL</ns1:FromSystemId>
      <ns1:FromAgencyId>
        <ns1:AgencyId>NO-1042300</ns1:AgencyId> <!--Skogfinsk museum-->
      </ns1:FromAgencyId>
      <ns1:ToAgencyId>
        <ns1:AgencyId>NO-5070901</ns1:AgencyId> <!--Bibliofil testbibliotek -->
      </ns1:ToAgencyId>
    </ns1:ResponseHeader>
    <ns1:RequestId>
      <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      <ns1:RequestIdentifierValue>reqid-brefr2-1445517</ns1:RequestIdentifierValue>
    </ns1:RequestId>
    <ns1:UserId>
      <ns1:UserIdentifierValue>N001234567</ns1:UserIdentifierValue>
    </ns1:UserId>
    <ns1:RequestType>Digital</ns1:RequestType>
    <ns1:RequestScopeType>Title</ns1:RequestScopeType>
    <ns1:ItemOptionalFields>
      <ns1:BibliographicDescription>
        <ns1:Author>Den Norske historiske forening</ns1:Author>
        <ns1:BibliographicRecordId>
          <ns1:BibliographicRecordIdentifier>997521932954702286</ns1:BibliographicRecordIdentifier>
          <ns1:BibliographicRecordIdentifierCode>LocalId</ns1:BibliographicRecordIdentifierCode>
        </ns1:BibliographicRecordId>

```

```
        <ns1:PlaceOfPublication>Oslo</ns1:PlaceOfPublication>
        <ns1:PublicationDate>1871-</ns1:PublicationDate>
        <ns1:Publisher>Universitetsforlaget</ns1:Publisher>
        <ns1:Title>Historisk tidsskrift</ns1:Title>
        <ns1:Language>nob</ns1:Language>
    </ns1:BibliographicDescription>
</ns1:ItemOptionalFields>
</ns1:RequestItemResponse>
</ns1:NCIPMessage>
```

UC2:4 - Owner Library -> Home Library: NCIP.ItemShipped()

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns1:NCIPMessage xmlns:ns1="http://www.niso.org/2008/ncip" ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd">
  <ns1:ItemShipped>
    <ns1:InitiationHeader>
      <ns1:FromSystemId>ALMA_NCIP_ILL</ns1:FromSystemId>
      <ns1:FromAgencyId>
        <ns1:AgencyId>NO-1042300</ns1:AgencyId>
      </ns1:FromAgencyId>
      <ns1:ToAgencyId>
        <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      </ns1:ToAgencyId>
    </ns1:InitiationHeader>
    <ns1:RequestId>
      <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      <ns1:RequestIdentifierValue>reqid-brefr2-1445512</ns1:RequestIdentifierValue>
    </ns1:RequestId>
    <ns1:ItemId>
      <ns1:ItemIdentifierType>Barcode</ns1:ItemIdentifierType>
      <ns1:ItemIdentifierValue>10w100860</ns1:ItemIdentifierValue>
    </ns1:ItemId>
    <ns1:UserId>
      <ns1:UserIdentifierValue>N001234567</ns1:UserIdentifierValue>
    </ns1:UserId>
    <ns1>DateShipped>2018-03-13T00:00:00</ns1>DateShipped>
    <ns1:ShippingInformation>
      <ns1:PhysicalAddress>
        <ns1:StructuredAddress>
          <ns1:Street>Faret 8, NO-5070901</ns1:Street>
          <ns1:Region>LARVIK</ns1:Region>
          <ns1:Country>Norway</ns1:Country>
          <ns1:PostalCode>3271</ns1:PostalCode>
        </ns1:StructuredAddress>
        <ns1:PhysicalAddressType/>
      </ns1:PhysicalAddress>
    </ns1:ShippingInformation>
    <ns1:ItemOptionalFields>
```

```

<ns1:BibliographicDescription>
  <ns1:Author>Frang, Bjørn</ns1:Author> <!-- 100$a -->
  <ns1:PlaceOfPublication>260$a</ns1:PlaceOfPublication> <!-- 260$a -->
  <ns1:PublicationDate>2002</ns1:PublicationDate> <!-- 260$c -->
  <ns1:Publisher>Trysil-forl</ns1:Publisher> <!-- 260$b -->
  <ns1:Title>Rød klut</ns1:Title> <!-- 245$a -->
  <!-- The following line is required by Alma. -->
  <ns1:BibliographicLevel>Book</ns1:BibliographicLevel> <!-- {"Book"|"Journal"|"Other"}-->
  <ns1:Language>nob</ns1:Language>
</ns1:BibliographicDescription>
<ns1:DateDue>2018-03-20T00:00:00</ns1:DateDue>
</ns1:ItemOptionalFields>
<ns1:Ext>
  <ns1:NoticeContent>ShippedByLender</ns1:NoticeContent>
  <ns1:ItemNote>Vær forsiktig med dette eksemplaret!</ns1:ItemNote>
  <!-- DateDue må legges også her for kompatibilitet med Alma-->
  <ns1:DateDue>2018-03-20T00:00:00</ns1:DateDue>
</ns1:Ext>
</ns1:ItemShipped>
</ns1:NCIPMessage>

```

UC2:4 - Response

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns1:NCIPMessage xmlns:ns1="http://www.niso.org/2008/ncip" ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd">
  <ns1:ItemShippedResponse>
    <ns1:ResponseHeader>
      <ns1:FromSystemId>BIBLIOFIL_NCIP_ILL</ns1:FromSystemId>
      <ns1:FromAgencyId>
        <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      </ns1:FromAgencyId>
      <ns1:ToAgencyId>
        <ns1:AgencyId>NO-1042300</ns1:AgencyId>
      </ns1:ToAgencyId>
    </ns1:ResponseHeader>
    <ns1:Ext>
      <ns1:RequestId>
        <ns1:AgencyId>NO-5070901</ns1:AgencyId>
        <ns1:RequestIdentifierValue>reqid-brefr2-1445512</ns1:RequestIdentifierValue>
      </ns1:RequestId>
    </ns1:Ext>
  </ns1:ItemShippedResponse>
</ns1:NCIPMessage>
```

UC2:5 - Home Library -> Owner Library: NCIP.ItemReceived()

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns1:NCIPMessage xmlns:ns1="http://www.niso.org/2008/ncip" ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd">
  <ns1:ItemReceived>
    <ns1:InitiationHeader>
      <ns1:FromSystemId>BIBLIOPIL_NCIP_ILL</ns1:FromSystemId>
      <ns1:FromAgencyId>
        <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      </ns1:FromAgencyId>
      <ns1:ToAgencyId>
        <ns1:AgencyId>NO-1042300</ns1:AgencyId>
      </ns1:ToAgencyId>
    </ns1:InitiationHeader>
    <ns1:ItemId>
      <ns1:ItemIdentifierType>Barcode</ns1:ItemIdentifierType>
      <ns1:ItemIdentifierValue>10w100860</ns1:ItemIdentifierValue>
    </ns1:ItemId>
    <ns1:RequestId>
      <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      <ns1:RequestIdentifierValue>reqid-brefr2-1445512</ns1:RequestIdentifierValue>
    </ns1:RequestId>
    <ns1>DateReceived>2018-03-14T00:00:00</ns1>DateReceived>
    <ns1:Ext>
      <ns1:NoticeContent>ReceivedByBorrower</ns1:NoticeContent>
    </ns1:Ext>
  </ns1:ItemReceived>
</ns1:NCIPMessage>
```


UC2:5 - Response:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns1:NCIPMessage xmlns:ns1="http://www.niso.org/2008/ncip" ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd">
  <ns1:ItemReceivedResponse>
    <ns1:ResponseHeader>
      <ns1:FromSystemId>ALMA_NCIP_ILL</ns1:FromSystemId>
      <ns1:FromAgencyId>
        <ns1:AgencyId>NO-1042300</ns1:AgencyId>
      </ns1:FromAgencyId>
      <ns1:ToAgencyId>
        <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      </ns1:ToAgencyId>
    </ns1:ResponseHeader>
    <ns1:Ext>
      <ns1:RequestId>
        <ns1:AgencyId>NO-5070901</ns1:AgencyId>
        <ns1:RequestIdentifierValue>reqid-brefr2-1445512</ns1:RequestIdentifierValue>
      </ns1:RequestId>
    </ns1:Ext>
  </ns1:ItemReceivedResponse>
</ns1:NCIPMessage>
```

UC3:8 - Owner Library -> Home Library: NCIP.ItemRequested()

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns1:NCIPMessage xmlns:ns1="http://www.niso.org/2008/ncip" ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd">
  <ns1:ItemRequested>
    <ns1:InitiationHeader>
      <ns1:FromSystemId>ORIA_NCIP_ILL</ns1:FromSystemId>
      <ns1:FromAgencyId>
        <ns1:AgencyId>NO-1042300</ns1:AgencyId>
      </ns1:FromAgencyId>
      <ns1:ToAgencyId>
        <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      </ns1:ToAgencyId>
    </ns1:InitiationHeader>
    <ns1:UserId>
      <ns1:UserIdentifierValue>N001234567</ns1:UserIdentifierValue>
    </ns1:UserId>
    <ns1:ItemId>
      <ns1:ItemIdentifierType>Barcode</ns1:ItemIdentifierType>
      <ns1:ItemIdentifierValue>001492wla</ns1:ItemIdentifierValue>
    </ns1:ItemId>
    <ns1:RequestType>Physical</ns1:RequestType>
    <ns1:RequestScopeType>Title</ns1:RequestScopeType>
    <ns1:ItemOptionalFields>
      <ns1:BibliographicDescription>
        <ns1:Publisher>Universitetsforlaget Oslo</ns1:Publisher>
        <ns1:Title>Historisk tidsskrift</ns1:Title>
        <ns1:BibliographicLevel>Journal</ns1:BibliographicLevel>
        <ns1:MediumType>Physical</ns1:MediumType>
      </ns1:BibliographicDescription>
    </ns1:ItemOptionalFields>
    <ns1:Ext>
      <ns1:ItemNote>Hefte: 51(1972) 1. Haster!! </ns1:ItemNote>
      <ns1:NeedBeforeDate>2018-04-22T00:00:00</ns1:NeedBeforeDate>
    </ns1:Ext>
  </ns1:ItemRequested>
</ns1:NCIPMessage>
```

UC3:8 - Response:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns1:NCIPMessage xmlns:ns1="http://www.niso.org/2008/ncip" ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd">
  <ns1:ItemRequestedResponse>
    <ns1:ResponseHeader>
      <ns1:FromSystemId>BIBLIOFIL_NCIP_ILL</ns1:FromSystemId>
      <ns1:FromAgencyId>
        <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      </ns1:FromAgencyId>
      <ns1:ToAgencyId>
        <ns1:AgencyId>NO-1042300</ns1:AgencyId>
      </ns1:ToAgencyId>
    </ns1:ResponseHeader>
    <ns1:Ext>
      <ns1:UserId>
        <ns1:UserIdentifierValue>N001234567</ns1:UserIdentifierValue>
      </ns1:UserId>
      <ns1:ItemId>
        <ns1:ItemIdentifierType>Barcode</ns1:ItemIdentifierType>
        <ns1:ItemIdentifierValue>001492wla</ns1:ItemIdentifierValue>
      </ns1:ItemId>
    </ns1:Ext>
  </ns1:ItemRequestedResponse>
</ns1:NCIPMessage>
```

UC4:9 - Home Library -> Owner Library: NCIP.RenewItem()

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns1:NCIPMessage xmlns:ns1="http://www.niso.org/2008/ncip" ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd">
  <ns1:RenewItem>
    <ns1:InitiationHeader>
      <ns1:FromSystemId>BIBLIOFIL_NCIP_ILL</ns1:FromSystemId>
      <ns1:FromAgencyId>
        <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      </ns1:FromAgencyId>
      <ns1:ToAgencyId>
        <ns1:AgencyId>NO-1042300</ns1:AgencyId>
      </ns1:ToAgencyId>
    </ns1:InitiationHeader>
    <ns1:UserId>
      <ns1:UserIdentifierValue>N001234567</ns1:UserIdentifierValue>
    </ns1:UserId>
    <ns1:ItemId>
      <ns1:ItemIdentifierType>Barcode</ns1:ItemIdentifierType>
      <ns1:ItemIdentifierValue>001492wla</ns1:ItemIdentifierValue>
    </ns1:ItemId>
    <ns1:Ext>
      <ns1:ItemNote>Kan vi få fornying 2 måneder?</ns1:ItemNote>
    </ns1:Ext>
  </ns1:RenewItem>
</ns1:NCIPMessage>
```

UC4:9 - Response (negative):

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns1:NCIPMessage xmlns:ns1="http://www.niso.org/2008/ncip" ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd">
  <ns1:RenewItemResponse>
    <ns1:ResponseHeader>
      <ns1:FromSystemId>ALMA_NCIP_ILL</ns1:FromSystemId>
      <ns1:FromAgencyId>
        <ns1:AgencyId>NO-1042300</ns1:AgencyId>
      </ns1:FromAgencyId>
      <ns1:ToAgencyId>
        <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      </ns1:ToAgencyId>
    </ns1:ResponseHeader>
    <ns1:Problem>
      <ns1:ProblemType>Item Not Renewable</ns1:ProblemType>
      <ns1:ProblemDetail>Item may not be renewed</ns1:ProblemDetail>
      <ns1:Ext>
        <ns1:ItemId>
          <ns1:ItemIdentifierType>Barcode</ns1:ItemIdentifierType>
          <ns1:ItemIdentifierValue>001492wla</ns1:ItemIdentifierValue>
        </ns1:ItemId>
        <ns1:UserId>
          <ns1:UserIdentifierValue>N001234567</ns1:UserIdentifierValue>
        </ns1:UserId>
      </ns1:Ext>
    </ns1:Problem>
  </ns1:RenewItemResponse>
</ns1:NCIPMessage>
```

UC4:9 - Response (positive):

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns1:NCIPMessage xmlns:ns1="http://www.niso.org/2008/ncip" ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd">
  <ns1:RenewItemResponse>
    <ns1:ResponseHeader>
      <ns1:FromSystemId>ALMA_NCIP_ILL</ns1:FromSystemId>
      <ns1:FromAgencyId>
        <ns1:AgencyId>N0-1042300</ns1:AgencyId>
      </ns1:FromAgencyId>
      <ns1:ToAgencyId>
        <ns1:AgencyId>N0-5070901</ns1:AgencyId>
      </ns1:ToAgencyId>
    </ns1:ResponseHeader>
    <ns1:ItemId>
      <ns1:ItemIdentifierType>Barcode</ns1:ItemIdentifierType>
      <ns1:ItemIdentifierValue>001492wla</ns1:ItemIdentifierValue>
    </ns1:ItemId>
    <ns1:UserId>
      <ns1:UserIdentifierValue>N001234567</ns1:UserIdentifierValue>
    </ns1:UserId>
    <ns1:DateDue>2018-05-20T00:00:00Z</ns1:DateDue>
  </ns1:RenewItemResponse>
</ns1:NCIPMessage>
```

UC4b:24 - Owner Library -> Home Library: ItemRenewed()

Alma adds this to Renew response, and may also use this for manual Renewal (regardless of request for renewal)

```
<?xml version="1.0" encoding="UTF-8"?>
<ns1:NCIPMessage ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd" xmlns:ns1="http://www.niso.org/2008/ncip"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <ns1:ItemRenewed>
    <ns1:InitiationHeader>
      <ns1:FromSystemId>ALMA_NCIP_ILL</ns1:FromSystemId>
      <ns1:FromAgencyId>
        <ns1:AgencyId>NO-1042300</ns1:AgencyId>
      </ns1:FromAgencyId>
      <ns1:ToAgencyId>
        <ns1:AgencyId>NO-2193100</ns1:AgencyId>
      </ns1:ToAgencyId>
    </ns1:InitiationHeader>
    <ns1:UserId>
      <ns1:UserIdentifierValue>N001234567</ns1:UserIdentifierValue>
    </ns1:UserId>
    <ns1:ItemId>
      <ns1:ItemIdentifierType>Barcode</ns1:ItemIdentifierType>
      <ns1:ItemIdentifierValue>09w101420</ns1:ItemIdentifierValue>
    </ns1:ItemId>
    <ns1:DateDue>2018-04-28T00:00:00</ns1:DateDue>
    <ns1:Ext>
      <ns1:ItemNote>Vi forlenger lånet med en ekstra måned</ns1:ItemNote>
    </ns1:Ext>
  </ns1:ItemRenewed>
</ns1:NCIPMessage>
```

UC5:10 - Home Library -> Owner Library: NCIP.CancelRequestItem()

```
<?xml version="1.0" encoding="UTF-8"?>
<ns1:NCIPMessage xmlns:ns1="http://www.niso.org/2008/ncip" ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd">
  <ns1:CancelRequestItem>
    <ns1:InitiationHeader>
      <ns1:FromSystemId>BIBLIOFIL_NCIP_ILL</ns1:FromSystemId>
      <ns1:FromAgencyId>
        <ns1:AgencyId>N0-5070901</ns1:AgencyId>
      </ns1:FromAgencyId>
      <ns1:ToAgencyId>
        <ns1:AgencyId>N0-1042300</ns1:AgencyId>
      </ns1:ToAgencyId>
    </ns1:InitiationHeader>
    <ns1:UserId>
      <ns1:UserIdentifierValue>N001234567</ns1:UserIdentifierValue>
    </ns1:UserId>
    <ns1:RequestId>
      <ns1:AgencyId>N0-5070901</ns1:AgencyId>
      <ns1:RequestIdentifierValue>reqid-brefr2-1445512</ns1:RequestIdentifierValue>
    </ns1:RequestId>
    <ns1:RequestType>Physical</ns1:RequestType>
    <ns1:Ext>
      <ns1:BibliographicId>
        <ns1:BibliographicRecordId>
          <ns1:BibliographicRecordIdentifier>8291352410</ns1:BibliographicRecordIdentifier>
          <ns1:BibliographicRecordIdentifierCode>ISBN</ns1:BibliographicRecordIdentifierCode>
        </ns1:BibliographicRecordId>
      </ns1:BibliographicId>
      <ns1:NoticeContent>CancelledByBorrower</ns1:NoticeContent>
    </ns1:Ext>
  </ns1:CancelRequestItem>
</ns1:NCIPMessage>
```


UC5:10 - Response - positive (Alma-responsen her er negativ, likevel blir bestillingen kansellert som ønsket)

```
<?xml version="1.0" encoding="UTF-8"?>
<ns1:NCIPMessage xmlns:ns1="http://www.niso.org/2008/ncip" ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd">
  <ns1:CancelRequestItemResponse>
    <ns1:ResponseHeader>
      <ns1:FromSystemId>ALMA_NCIP_ILL</ns1:FromSystemId>
      <ns1:FromAgencyId>
        <ns1:AgencyId>NO-1042300</ns1:AgencyId>
      </ns1:FromAgencyId>
      <ns1:ToAgencyId>
        <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      </ns1:ToAgencyId>
    </ns1:ResponseHeader>
    <ns1:RequestId>
      <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      <ns1:RequestIdentifierValue>reqid-brefr2-1445512</ns1:RequestIdentifierValue>
    </ns1:RequestId>
    <ns1:ItemId>
      <ns1:ItemIdentifierValue/>
    </ns1:ItemId>
    <ns1:UserId>
      <ns1:UserIdentifierValue/>
    </ns1:UserId>
  </ns1:CancelRequestItemResponse>
</ns1:NCIPMessage>
```

UC5:10 - Response - negative

```
<?xml version="1.0" encoding="UTF-8"?>
<ns1:NCIPMessage xmlns:ns1="http://www.niso.org/2008/ncip" ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd">
  <ns1:CancelRequestItemResponse>
    <ns1:ResponseHeader>
      <ns1:FromSystemId>ALMA_NCIP_ILL</ns1:FromSystemId>
      <ns1:FromAgencyId>
        <ns1:AgencyId>N0-1042300</ns1:AgencyId>
      </ns1:FromAgencyId>
      <ns1:ToAgencyId>
        <ns1:AgencyId>N0-5070901</ns1:AgencyId>
      </ns1:ToAgencyId>
    </ns1:ResponseHeader>
    <ns1:Problem>
      <ns1:ProblemType>Request Already Processed</ns1:ProblemType>
      <ns1:ProblemDetail>Request cannot be cancelled because it has already been processed.</ns1:ProblemDetail>
    </ns1:Problem>
    <ns1:Ext>
      <ns1:UserId>
        <ns1:UserIdentifierValue>N001234567</ns1:UserIdentifierValue>
      </ns1:UserId>
      <ns1:RequestId>
        <ns1:AgencyId>N0-5070901</ns1:AgencyId>
        <ns1:RequestIdentifierValue>reqid-brefr2-1445512</ns1:RequestIdentifierValue>
      </ns1:RequestId>
      <ns1:BibliographicId>
        <ns1:BibliographicRecordId>
          <ns1:BibliographicRecordIdentifier>8291352410</ns1:BibliographicRecordIdentifier>
          <ns1:BibliographicRecordIdentifierCode>ISBN</ns1:BibliographicRecordIdentifierCode>
        </ns1:BibliographicRecordId>
      </ns1:BibliographicId>
    </ns1:Ext>
  </ns1:CancelRequestItemResponse>
</ns1:NCIPMessage>
```

UC5:11 - Owner Library -> Home Library: NCIP.CancelRequestItem() - avvisning av bestilling

```
<?xml version="1.0" encoding="UTF-8"?>
<ns1:NCIPMessage xmlns:ns1="http://www.niso.org/2008/ncip" ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd">
  <ns1:CancelRequestItem>
    <ns1:InitiationHeader>
      <ns1:FromSystemId>ALMA_NCIP_ILL</ns1:FromSystemId>
      <ns1:FromAgencyId>
        <ns1:AgencyId>NO-1042300</ns1:AgencyId>
      </ns1:FromAgencyId>
      <ns1:ToAgencyId>
        <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      </ns1:ToAgencyId>
    </ns1:InitiationHeader>
    <ns1:UserId>
      <ns1:UserIdentifierValue>N001234567</ns1:UserIdentifierValue>
    </ns1:UserId>
    <ns1:RequestId>
      <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      <ns1:RequestIdentifierValue>reqid-brefr2-1445512</ns1:RequestIdentifierValue>
    </ns1:RequestId>
    <ns1:RequestType>Physical</ns1:RequestType>
    <ns1:Ext>
      <ns1:BibliographicId>
        <ns1:BibliographicRecordId>
          <ns1:BibliographicRecordIdentifier>8291352410</ns1:BibliographicRecordIdentifier>
          <ns1:BibliographicRecordIdentifierCode>ISBN</ns1:BibliographicRecordIdentifierCode>
        </ns1:BibliographicRecordId>
      </ns1:BibliographicId>
      <ns1:NoticeContent>CancelledByLender</ns1:NoticeContent>
      <ns1:ItemNote>4</ns1:ItemNote> <!-- See Specification, Appendix B, for values -->
      <ns1:ItemNote>Ikke tilgjengelig for fjernlån</ns1:ItemNote> <!-- Manuell kommentar -->
    </ns1:Ext>
  </ns1:CancelRequestItem>
</ns1:NCIPMessage>
```

UC5:11 - Response (no example)

UC9:25 - Both ways: NCIP.ItemRequestUpdated() = General message

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns1:NCIPMessage xmlns:ns1="http://www.niso.org/2008/ncip" ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd">
  <ns1:ItemRequestUpdated>
    <ns1:InitiationHeader>
      <ns1:FromSystemId>ALMA_NCIP_ILL</ns1:FromSystemId>
      <ns1:FromAgencyId>
        <ns1:AgencyId>NO-1042300</ns1:AgencyId> <!--Skogfinsk museum-->
      </ns1:FromAgencyId>
      <ns1:ToAgencyId>
        <ns1:AgencyId>NO-5070901</ns1:AgencyId> <!--Bibliofil testbibliotek -->
      </ns1:ToAgencyId>
    </ns1:InitiationHeader>
    <ns1:RequestId>
      <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      <ns1:RequestIdentifierValue>reqid-brefr2-1445512</ns1:RequestIdentifierValue>
    </ns1:RequestId>
    <ns1:AddRequestFields>
      <ns1:Ext>
        <ns1:ItemNote>We are delayed in shipping this book. The book will be shipped next week!</ns1:ItemNote>
      </ns1:Ext>
    </ns1:AddRequestFields>
  </ns1:ItemRequestUpdated>
</ns1:NCIPMessage>
```

UC9:25 - Response

```
<?xml version="1.0" encoding="UTF-8"?>
<ns1:NCIPMessage ns1:version="http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd" xsi:schemaLocation="http://www.niso.org/2008/ncip
http://www.niso.org/schemas/ncip/v2_02/ncip_v2_02.xsd" xmlns:ns1="http://www.niso.org/2008/ncip"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <!-- Usage in NNCIPP 1.1 is in use-case 9, call #25: ACK "General message independent of ordinary steps in workflow" -->
  <ns1:ItemRequestUpdatedResponse>
    <ns1:ResponseHeader>
      <ns1:FromSystemId>BIBLIOFIL_NCIP_ILL</ns1:FromSystemId>
      <ns1:FromAgencyId>
        <ns1:AgencyId>NO-5070901</ns1:AgencyId>
      </ns1:FromAgencyId>
      <ns1:ToAgencyId>
        <ns1:AgencyId>NO-1042300</ns1:AgencyId>
      </ns1:ToAgencyId>
    </ns1:ResponseHeader>
    <ns1:Ext>
      <ns1:RequestId>
        <ns1:AgencyId>NO-5070901</ns1:AgencyId>
        <ns1:RequestIdentifierValue>reqid-brefr2-1445512</ns1:RequestIdentifierValue>
      </ns1:RequestId>
      <ns1:ItemNote>We are delayed in shipping this book. The book will be shipped next week!</ns1:ItemNote>
    </ns1:Ext>
  </ns1:ItemRequestUpdatedResponse>
</ns1:NCIPMessage>
```