

# Workflow Status Information (v1.3)

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## Introduction

This is a small and very frequently send message that indicates the start and finish of services. The depot can configure for which services these messages are published. You may think of messages like `cleaning finished`, `repair estimated`, `heating started`. The receiver should NOT assume a certain order in which these messages arrive, and multiple services can be active at the same time.

The messages are generated when any of the four status defining properties change:

- `<DateCreated>`
- `<DateStarted>`
- `<DateFinished>`
- `<Cancelled>`

## Workflow Status Information

### Sample Preview

```
1  <?xml version="1.0" standalone="yes"?>
2  <DepotWorkflow>
3    <Header>
4      <Sender>OurDepot</Sender>
5      <Receiver>You</Receiver>
6      <Contact>John Doe</Contact>
7      <DateCreated>2019-03-15T14:50:42.6521887+01:00</DateCreated>
8      <KindOfMessage>Workflow</KindOfMessage>
9      <OfficeId>11</OfficeId>
10     <Version>1.1</Version>
11   </Header>
12   <Suborder>
13     <YourRef>Abc123</YourRef>
14     <OurRef>DCS-170914-1.AL1</OurRef>
15     <SubOrderID>310</SubOrderID>
16     <OrderID>658764</OrderID>
17     <ServiceID>64</ServiceID>
18     <Service>Leak test</Service>
19     <DateCreated>2019-03-15T12:48:00</DateCreated>
20     <DateStarted>2019-03-15T13:50:00</DateStarted>
21     <DateFinished>2019-03-15T15:56:00</DateFinished>
22     <Cancelled>false</Cancelled>
23     <Equipment>KFCL-111122-8</Equipment>
24     <EquipmentGroup>TankContainer</EquipmentGroup>
25   </Suborder>
26 </DepotWorkflow>
```

## Definition

### Tables

Table	Explanation
<DepotWorkflow>	The entire message is in this tag
<Header>	Exactly ONE header record is to be present
<SubOrder>	Currently there is only ONE suborder per file

### Columns

Header>	Datatype	Requirements	Explanation
<Sender>	Text	<b>Mandatory</b>	The relation code handed to remote by the depot, parties should agree upon a code, parties should decide upon their own unique code (GUIDs are recommended). This code should be provided to third parties that wish to interface.
<Receiver>	Text	Recommended	The relation code (recommended) handed by remote to the depot, parties should decide upon their own unique code (GUIDs are recommended) This code should be generated by the third party and provided to the depot for configuration purposes.
<Contact>	Text	Optional	Information (name/email) of a sender contact person for this message
<DateCreated>	Datetime	Recommended	Information when the message was created/send by remote. Usually entered as a full datetime
<KindOfMessage>	Text	<b>Mandatory</b>	This is Workflow
<Officeld>	Integer	Required when issued by the depot	Some depot have multiple offices where they can receive equipment If so, the Officeld will then be added to every message
<Version>	Text	<b>Mandatory</b>	The first and currently only version of this message is 2019.1.

<Suborder >	Datatype	Requirements	Explanation
<YourRef>	Text	<b>Mandatory</b>	This is the unique code remote gave to the equipment to track. In Depot Software this will show as the Customer refere
<OurRef>	Text	<b>Mandatory</b>	<p>Suborder references are longer than yardorder references, they are extended with a service designator;</p> <p><b>YardOrderReference.ServiceLetter Counter</b></p> <p><i>Example: 2019/06/20.133.H1</i></p> <p>The serviceletters definitions are usually:</p> <ul style="list-style-type: none"> <li>• C - Cleaning</li> <li>• H - Heating</li> <li>• I - Handling In</li> <li>• R - M&amp;R</li> <li>• S - Storage</li> <li>• X - Transloading</li> <li>• O - Handling Out</li> <li>• D - Heel disposal</li> <li>• A - Additional Service (anything not above)</li> </ul> <p>It is however configurable for the depot how references are constructed, so to be sure ask the depot what their policy is</p> <p>Also some depots may have designators not mentioned here, eg W for weighing is a very common one</p>
<SubOrderID>	Integer	<b>Mandatory</b>	Included for future reference, this number can be used in communication back
<OrderID>	Integer	<b>Mandatory</b>	Included for future reference, this number can be used in communication back
<ServiceID>	Integer	<b>Mandatory</b>	This indicates for which service the status change is.
<Service>	Text	<b>Mandatory</b>	The service is also included as a text, some services may be custom the depot, And some services may have sub desi
<DateCreated>	Datetime	Present if applicable	The LOCAL DateTime of when the service was planned,

<DateStarted>	Datetime	Present if applicable	The LOCAL DateTime when the service started.
<DateFinished>	Datetime	Present if applicable	The LOCAL DateTime when the service finished.
<Cancelled>	Boolean	Mandatory	Indicates that the service was cancelled or deleted.
<Equipment>	Text	<b>Mandatory</b>	The full equipment number including checkdigit. The format is AS THE DEPOT handles, there may therefore be slightly different from the preadvice. The most used for
<EquipmentGroup>	Text	<b>Mandatory</b>	This is a phrase from the hard equipmentgroups as noted in appendix A