STANDARD SPECIFICATION FOR JOB TRANSFER TO FMS APPLICATIONS

ADDENDUM – WEB SERVICE

Version 1.0

11th June 2015

TRANSFER MECHANISM

The XML web service is uses a POST method to a standard HTTP(S) endpoint with basic HTTP authentication. The data is pushed as raw XML to the end point and XML is returned. When configured you will be provided with a URI, username and password to access the end point.

The job format and response to the booking is the XML format as defined in the "Standard Specification for Job transfer to FMS Applications" document. Please see that document for those details.

In addition there is a job status query option available to the web service as defined below

XML JOB STATUS QUERY

STATUS NODE DEFINITION

The root node of a status query is the STATUS node.

Child Name	Size/Format	Optional/Mandatory	Description
QUERY	Child Node	M (minimum 1)	Definition of jobs to be queried. See Query Node Definition

QUERY NODE DEFINITION

The QUERY node defines the jobs to be queried.

Child Name	Size/Format	Optional/Mandatory	Description
ACCOUNT	8 Alpha Numeric	M	FMS Account code for the job being queried
FMSJOB	Numeric	M	FMS Job Number as returned from the original booking
FMSDATE	Date (YYYY-MM-DD)	M	FMS Job Date as returned from the original booking

XML JOB STATUS QUERY RESPONSE

The response XML format has similar format to the incoming format. It extends the QUERY node with the following additional information

Child Name	Size/Format	Optional/Mandatory	Description
STATUS	SUCCESS/FAIL	M	Whether the query succeeded
REASON	Alpha	O (if STATUS = FAIL)	Reason for query failure
JOBSTATUS	Alpha	O (if STATUS = SUCCESS)	Current state of the job. Valid values are BOOKED, PICKUP, COMPLETE

FORTIME	Timestamp (YYYY-MM-DDTHH:MM:SS)	O	The time the job is booked for pickup
PICKUPTIME	Timestamp (YYYY-MM-DDTHH:MM:SS)	O	The time the job has been picked up
COMPLETETIME	Timestamp (YYYY-MM-DDTHH:MM:SS)	O	The time the job has been completed
PODTIME	Timestamp (YYYY-MM-DDTHH:MM:SS)	O	The time the POD was taken
PODNAME	Timestamp (YYYY-MM-DDTHH:MM:SS)	O	The name recorded for the POD

SAMPLE XML STATUS QUERY

```xml
<STATUS>
 <QUERY>
  <ACCOUNT>MYKEL</ACCOUNT>
  <FMSJOB>2062</FMSJOB>
  <FMSDATE>2013-05-16</FMSDATE>
 </QUERY>
 <QUERY>
  <ACCOUNT>MYKEL</ACCOUNT>
  <FMSJOB>9992</FMSJOB>
  <FMSDATE>2013-05-16</FMSDATE>
 </QUERY>
</STATUS>
```

SAMPLE XML STATUS QUERY RESPONSE

```xml
<STATUS>
 <QUERY>
  <ACCOUNT>MYKEL</ACCOUNT>
  <FMSJOB>2062</FMSJOB>
  <FMSDATE>2013-05-16</FMSDATE>
  <STATUS>SUCCESS</STATUS>
  <JOBSTATUS>COMPLETE</JOBSTATUS>
  <FORTIME>2013-05-16T19:34:00</FORTIME>
  <PICKUPTIME>2013-05-16T20:15:00</PICKUPTIME>
  <COMPLETETIME>2013-05-16T20:15:00</COMPLETETIME>
  <PODTIME>2013-05-16T20:15:00</PODTIME>
  <PODNAME>mykel</PODNAME>
 </QUERY>
 <QUERY>
  <ACCOUNT>MYKEL</ACCOUNT>
  <FMSJOB>9992</FMSJOB>
  <FMSDATE>2013-05-16</FMSDATE>
  <STATUS>FAIL</STATUS>
  <REASON>Unable to find requested booking/docket</REASON>
 </QUERY>
</STATUS>
```