

Test Cases -  
VBS Stack Run  
In



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*Web Service Test Cases - VBS Stack Run In*



## Contents

1	Introduction.....	4
2	Scope .....	4
3	Data Requirements.....	4
4	Integration Overview .....	4
5	Test Environment.....	5
5.1	1-Stop Test Environment.....	5
5.1.1	URL for soapUI.....	5
5.1.2	WSDL URL.....	5
5.1.3	Test data: .....	5
5.2	SOAPUI .....	5
6	Create Stack Run In Manifest.....	7
6.1	Case 1 - Create Manifest Successful .....	7
6.1.1	Single container:.....	7
6.1.2	Request with multiple containers:.....	7
6.2	Case 2 - Invalid Username or Password .....	7
6.3	Case 3 - VBSERNID does not exist .....	7
6.4	Case 4 - Invalid Container .....	7
6.5	Case 5 - Invalid ISO code.....	7
6.6	Case 6 - Invalid Attached Container .....	7
6.7	Case 7 - More than 8 Attached Containers .....	7
6.8	Case 8 - Invalid Mobile Number.....	7
6.9	Case 9 - Receiver Code .....	8
6.10	Case 10 - Invalid Receiver Code for a Valid VBSERNID .....	8
6.11	Case 10 - Invalid Rego Number.....	8
6.12	Case 11 - PRA Rejected by the Terminal.....	8
6.13	Case 12 - Invalid Rego Number.....	9
6.14	Case 13 - Invalid VBSERNID.....	9
6.15	Case 14 - Missing Container .....	9
6.16	Case 15 - Manifest Too Many Containers .....	9



6.17	Case 16 - Manifest The Same Container .....	9
6.18	Case 17 - Manifest with Multiple Errors.....	9
7	Get Stack Run AVAILABLE (REMAINING) SLOT.....	10
7.1	Case 18 – Get Stack Run Remaining Slot .....	10
7.2	Case 19 –Invalid Credential.....	10
7.3	Case 20 – Invalid TimeZone.....	10
8	Get Stack Run In Detail.....	10
8.1	Case 21 – Get Stack Run In Detail Successful .....	10
8.2	Case 22 –Invalid Credential.....	10
8.3	Case 23 – Invalid ERN .....	11
9	XML Samples .....	12
9.1	Success Single Container – Case 1.....	12
9.1.1	Request:.....	12
9.1.2	Response: .....	13
9.2	Success Multiple Containers – Case 1.....	14
9.2.1	Request:.....	14
9.2.2	Response: .....	16
9.3	Invalid Username or Password – Case 2 .....	17
9.3.1	Request:.....	17
9.3.2	Response: .....	18
9.4	VBSEID does not exist – Case 3 .....	19
9.4.1	Request:.....	19
9.4.2	Response: .....	20
9.5	Invalid Mobile Number – Case 8.....	21
9.5.1	Request:.....	21
9.5.2	Response: .....	23
9.6	Manifest with Multiple Errors – Case 17 .....	24
9.6.1	Request:.....	24
9.6.2	Response: .....	25
9.7	Get Stack Run Remaining Slot – Case 18 .....	26



9.7.1	Request:.....	26
9.7.2	Response: .....	27
9.8	GetNumSlotsRemaining: Invalid Credential – Case 19.....	27
9.8.1	Request:.....	27
9.8.2	Response: .....	28
9.9	GetNumSlotsRemaining: Invalid TimeZone – Case 20.....	28
9.9.1	Request:.....	28
9.9.2	Response: .....	29
9.10	Get Stack Run In Detail Successful – Case 21 .....	29
9.10.1	Request:.....	29
9.10.2	Response: .....	30
9.11	Invalid ERN – Case 23 .....	31
9.11.1	Request:.....	31
9.11.2	Response: .....	31
9.12	C# .NET Code Snippet to Create_Stack_Run_IN_MANIFEST Web service.....	33

## Version Control

Version	Date	Author	Revision Details
1.1	13Jul10	John McLoughlin	Version. 1.1
3.2	28Mar13	Tan Nguyen	Version 3.2

## 1 INTRODUCTION

The document is intended to be used by Container Depots/Parks and 3<sup>rd</sup> party application developers when developing Stack Run messages with 1-Stop. The document provides Test Case message scenario and specifications required to automatically create a Truck Manifest message for Empty Stack (or Bulk) Runs into the terminal.

This document provides test case data for each web service request message and the response message. Sample XML data is also included in this document.

## 2 SCOPE

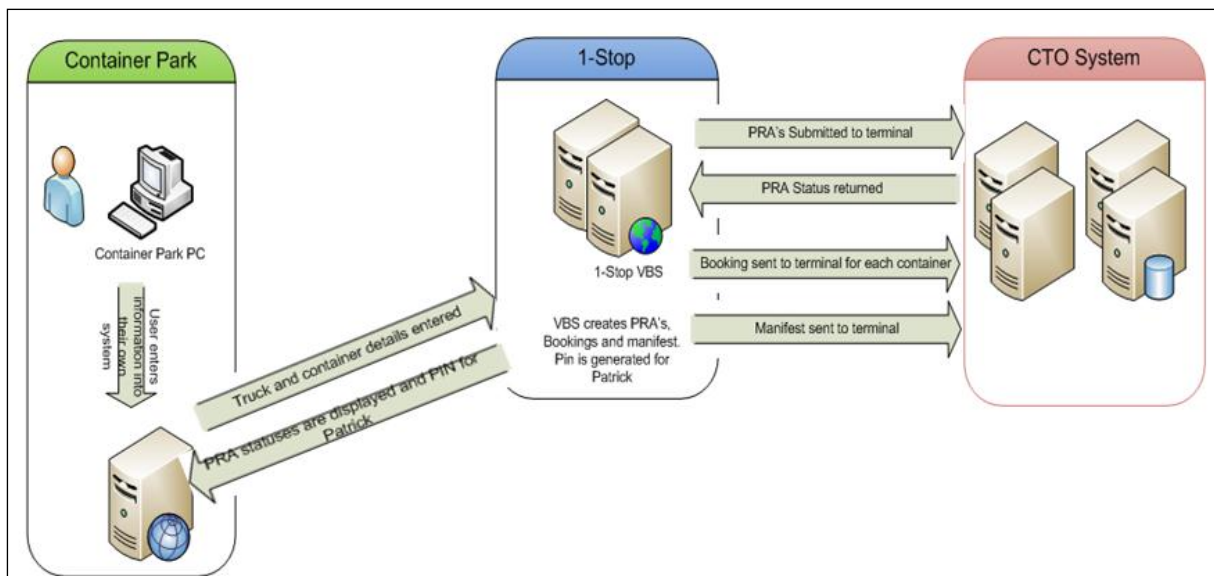
The Test Cases defined in this document only tests message between Container Depots/Parks and 1-Stop. However the response messages will apply the same business rules as if the data was processed by the CTO.

Full end to end testing is out of scope of this document and test cases.

## 3 DATA REQUIREMENTS

Each Test Case defines the data requirement for each message. There are positive and negative test cases, accepted or rejected messages. Testers and application developers can change data elements in the messages to reflect business scenarios to get expected responses.

## 4 INTEGRATION OVERVIEW



The Test Cases defined in this document only tests message between Container Parks and 1-Stop.



## 5 TEST ENVIRONMENT

### 5.1 1-Stop Test Environment

#### 5.1.1 URL for soapUI

<https://vbs.1-stop.biz/vbswebservices/test/stackruninmanifest.asmx>

(Available after September 2010)

### StackRunInManifest

The following operations are supported. For a formal definition, please review the [Service Description](#).

- [CreateStackRunInManifest](#)
- [GetNumSlotsRemaining](#)
- [GetStackRunInDetail](#)

#### 5.1.2 WSDL URL

<https://vbs.1-stop.biz/vbswebservices/test/stackruninmanifest.asmx?WSDL>

#### 5.1.3 Test data:

Valid data for testing VBS Stack Run Testing, use of these data elements will provide the tester with an ACCEPTED PRA.

<b>Valid UserName:</b>	wsTester
<b>Valid Password:</b>	wsTesting
<b>Valid Containers:</b>	<b>Any container number/s</b>
<b>Valid VBSERNID:</b>	<b>Must contain a value</b>
<b>Mobile Phone #:</b>	<b>Must be 10 characters</b>

Invalid data for testing VBS Stack Run Testing, use of these data elements will provide the tester with a REJECTED PRA.

<b>Error Containers:</b>	<b>SUDU1381364 or SUDU1756964</b>
<b>Error VBSERIND:</b>	<b>1001 or 1002</b>

### 5.2 SOAPUI

SoapUI is a freely available tool that can be easily found on the internet to assist with testing web services. A link to one of the open source providers of this software is below. 1-Stop cannot provide any further assistance in how to use SoapUI and users should familiarise themselves with the SoapUI help documentation.



SoapUI Link: <http://sourceforge.net/projects/soapui/>

---



## 6 CREATE STACK RUN IN MANIFEST

### 6.1 Case 1 - Create Manifest Successful

#### Test data:

- UserName: **wsTester**
- Password: **wsTesting**
- VBSERNID: Any number except **1001** and **1002**
- ContainerNumber: Any container except **SUDU1381364**, **SUDU1756964**

#### 6.1.1 Single container:

Make a request with valid data mentioned above. [See XML Success Single Container](#) for the xml sample.

#### 6.1.2 Request with multiple containers:

Manifest more than one container at a time. [See XML Success Multiple Containers](#) for the xml sample.

### 6.2 Case 2 - Invalid Username or Password

Manifest with User name and Password different to the one defined in 6.1 (above) will cause an Error code 1001. See [XML Invalid Username or Password](#) for the xml sample.

### 6.3 Case 3 - VBSERNID does not exist

Manifest with the VBSERNID = 0 will cause an error code of 1006. [See XML VBSERNID does not exist](#) for the xml sample.

### 6.4 Case 4 - Invalid Container

Manifest with container longer than 12 characters long will cause an Error Code 1007.

### 6.5 Case 5 - Invalid ISO code

Manifest with ISO code longer than 4 characters will cause an Error Code 1008.

### 6.6 Case 6 - Invalid Attached Container

Manifest the attached container longer than 12 characters will cause an Error Code 1009.

### 6.7 Case 7 - More than 8 Attached Containers

Manifest more than 8 attached containers will cause an Error Code 1010

### 6.8 Case 8 - Invalid Mobile Number





Manifest with mobile number less than 10 characters long will cause an Error Code 1013. Note set the SMS Flag to true. See [XML Invalid Mobile Number](#) for the xml sample.

#### 6.9 Case 9 - Receiver Code

Manifest with blank ReceiverID will cause an Error Code 1014.

#### 6.10 Case 10 - Invalid Receiver Code for a Valid VBSERNID

Manifest with VBSERNID = **1001** and the ReceiverID = CTLPB will cause an Error Code 1015.

#### 6.11 Case 10 - Invalid Rego Number

The web service will look up for the Rego number for a given BAT number. If it couldn't find the Rego which match the given BAT, using BAT = "**ZZZ**" for testing, it will cause an Error Code 1016.

#### 6.12 Case 11 - PRA Rejected by the Terminal

Manifest with containers **SUDU1381364** and **SUDU1756964** will cause a PRA rejected, Error Code 1017.



### 6.13 Case 12 - Invalid Rego Number

The web service will look up for the BAT number for a given Rego number. If it couldn't find the BAT which match the given Rego, using Rego = **“AAA111”** for testing, it will cause an Error Code 1019.

### 6.14 Case 13 - Invalid VBSERNID

Manifest with an invalid VBSERNID or the stack run was completed, using VBSERNID = **“1002”** for testing, will cause an Error Code 1020.

### 6.15 Case 14 - Missing Container

Manifest without the SRIContainer element will cause an Error Code 1022.

### 6.16 Case 15 - Manifest Too Many Containers

Manifest with number of containers more than the number of container the truck could handle will cause an Error Code 1023.

### 6.17 Case 16 - Manifest The Same Container

Using the same container number more than one time in a single manifest will cause an Error Code 1025.

### 6.18 Case 17 - Manifest with Multiple Errors

Manifest with multiple invalid data, the response object will returns a list of errors. [See XML Manifest with Multiple Errors](#) for the xml sample.



## 7 GET STACK RUN AVAILABLE (REMAINING) SLOT

Test data for this web service call are:

- UserName: **wsTester**
- Password: **wsTesting**
- Terminal: **CTLPB**

Any other value of above elements will produce the validation errors or No data found.

### 7.1 Case 18 – Get Stack Run Remaining Slot

Call the GetNumSlotsRemainingmethod with valid data above will receive a response of the number of remaining (available) slots of:

**0** for TimeZone: **0**

**999** for TimeZone: **1 to 23**.

See [XML Get Stack Run Remaining Slot Successful](#) for the xml sample.

### 7.2 Case 19 –Invalid Credential

Use of any other username and password call will cause an Error Code of 1001.

### 7.3 Case 20 – Invalid TimeZone

Calling with TimeZone outside 0-23 range will receive an Error code of 1037, Invalid TimeZone. See [XML Invalid TimeZone](#) for the xml sample.

## 8 GET STACK RUN IN DETAIL

Test data for this web service call are:

- UserName: **wsTester**
- Password: **wsTesting**
- ERN: **ern007**
- Terminal: **CTLPB**

Any other value of above elements will produce the validation errors or No data found.

### 8.1 Case 21 – Get Stack Run In Detail Successful

Call the GetStackRunInDetail method with valid data above will receive a response of the Stack Run details of **ern007**. See [XML Get Stack Run In Detail Successful](#) for the xml sample.

### 8.2 Case 22 –Invalid Credential

Use of any other username and password call will cause an Error Code of 1001.



### 8.3 Case 23 – Invalid ERN

Calling with any other ERN value will receive an Error code of 1021, No data found. See [XML Invalid ERN](#) for the xml sample.



## 9 XML SAMPLES

### 9.1 Success Single Container – Case 1

#### 9.1.1 Request:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:stac="http://vbs.1-stop.biz/VBSWebServices/StackRunInManifest">
```

```
<soap:Header/>
```

```
<soap:Body>
```

```
<stac:CreateStackRunInManifest>
```

```
<stac:UserName>wsTester</stac:UserName>
```

```
<stac>Password>wsTesting</stac>Password>
```

```
<stac:SRIManifestRequest>
```

```
<stac:DateTime>2010-07-01T16:00:20</stac:DateTime>
```

```
<stac:ReceiverID>CTLPB</stac:ReceiverID>
```

```
<stac:Truck>
```

```
<stac:TruckType>B</stac:TruckType>
```

```
<stac:TruckReference type="REGO">FFJ541</stac:TruckReference>
```

```
<stac:MSICNumber></stac:MSICNumber>
```

```
<stac:TruckAttachment>N</stac:TruckAttachment>
```

```
<stac:Containers>
```

```
<stac:SRIContainer>
```

```
<stac:VBSEARNID>1008</stac:VBSEARNID>
```

```
<stac:ContainerNumber>C S Q U 3 0 5 4 3 8 3</stac:ContainerNumber>
```

```
<stac:ISO></stac:ISO>
```

```
<stac:Position>2</stac:Position>
```

```
<stac:Door>ANY</stac:Door>
```

```
<stac:Attachments>
```

```
<!--Zero or more repetitions:-->
```

```
<stac:Attachment></stac:Attachment>
```

```
</stac:Attachments>
```



```
        </stac:SRIContainer>
    </stac:Containers>
</stac:Truck>
<stac:SMSDetails>
    <stac:Flag>false</stac:Flag>
    <stac:Mobile></stac:Mobile>
    <stac:SMSText></stac:SMSText>
</stac:SMSDetails>
</stac:SRIManifestRequest>
</stac:CreateStackRunInManifest>
</soap:Body>
</soap:Envelope>
```

---

### 9.1.2 Response:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <soap:Body>
        <CreateStackRunInManifestResponse xmlns="http://vbs.1-
stop.biz/VBSWebservices/StackRunInManifest">
            <CreateStackRunInManifestResult>
                <DateTime>2010-07-01T15:58:17.6804037+10:00</DateTime>
                <Status>ACCEPTED</Status>
                <Truck>
                    <MovementID>10001</MovementID>
                    <PIN>10101</PIN>
                    <RunNumber>123</RunNumber>
                    <Containers>
                        <SRIRContainer>
                            <VBSERNID>1008</VBSERNID>
                            <ContainerNumber> C S Q U 3 0 5 4 3 8 3</ContainerNumber>
                            <TimeSlotID>77288972</TimeSlotID>
```



```
<PRA>
  <Status>ACCEPTED</Status>
</PRA>
</SRIRContainer>
</Containers>
</Truck>
</CreateStackRunInManifestResult>
</CreateStackRunInManifestResponse>
</soap:Body>
</soap:Envelope>
```

## 9.2 Success Multiple Containers – Case 1

### 9.2.1 Request:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:stac="http://vbs.1-stop.biz/VBSWebservices/StackRunInManifest">
```

```
<soap:Header/>
```

```
<soap:Body>
```

```
<stac:CreateStackRunInManifest>
```

```
<stac:UserName>wsTester</stac:UserName>
```

```
<stac>Password>wsTesting</stac>Password>
```

```
<stac:SRIManifestRequest>
```

```
<stac:DateTime>2010-07-01T16:00:20</stac:DateTime>
```

```
<stac:ReceiverID>CTLPB</stac:ReceiverID>
```

```
<stac:Truck>
```

```
<stac:TruckType>B</stac:TruckType>
```

```
<stac:TruckReference type="REGO">FFJ541</stac:TruckReference>
```

```
<stac:MSICNumber></stac:MSICNumber>
```

```
<stac:TruckAttachment>N</stac:TruckAttachment>
```

```
<stac:Containers>
```

```
<stac:SRIContainer>
```

```
<stac:VBSEARNID>1008</stac:VBSEARNID>
```



```
<stac:ContainerNumber> C S Q U 3 0 5 4 3 8 3</stac:ContainerNumber>

<stac:ISO></stac:ISO>

<stac:Position>2</stac:Position>

<stac:Door>ANY</stac:Door>

<stac:Attachments>

  <!--Zero or more repetitions:-->

  <stac:Attachment></stac:Attachment>

</stac:Attachments>

</stac:SRIContainer>

<stac:SRIContainer>

  <stac:VBSEID>1009</stac:VBSEID>

  <stac:ContainerNumber> C S Q U 3 0 5 4 3 8 2</stac:ContainerNumber>

  <stac:ISO></stac:ISO>

  <stac:Position>2</stac:Position>

  <stac:Door>ANY</stac:Door>

  <stac:Attachments>

    <!--Zero or more repetitions:-->

    <stac:Attachment>AttachCont11</stac:Attachment>

  </stac:Attachments>

</stac:SRIContainer>

</stac:Containers>

</stac:Truck>

<stac:SMSDetails>

  <stac:Flag>>false</stac:Flag>

  <stac:Mobile></stac:Mobile>

  <stac:SMSText></stac:SMSText>

</stac:SMSDetails>

</stac:SRIManifestRequest>
```





```
</stac:CreateStackRunInManifest>
</soap:Body>
</soap:Envelope>
```

---

### 9.2.2 Response:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
```

```
<soap:Body>
  <CreateStackRunInManifestResponse xmlns="http://vbs.1-
stop.biz/VBSWebservices/StackRunInManifest">
    <CreateStackRunInManifestResult>
      <DateTime>2010-07-01T16:14:23.7284037+10:00</DateTime>
      <Status>ACCEPTED</Status>
      <Truck>
        <MovementID>10001</MovementID>
        <PIN>10101</PIN>
        <RunNumber>123</RunNumber>
        <Containers>
          <SRIRContainer>
            <VBSEARNID>1008</VBSEARNID>
            <ContainerNumber> C S Q U 3 0 5 4 3 8 3</ContainerNumber>
            <TimeSlotID>85495201</TimeSlotID>
            <PRA>
              <Status>ACCEPTED</Status>
            </PRA>
          </SRIRContainer>
          <SRIRContainer>
            <VBSEARNID>1009</VBSEARNID>
            <ContainerNumber> C S Q U 3 0 5 4 3 8 2</ContainerNumber>
            <TimeSlotID>18915327</TimeSlotID>
            <PRA>
```



```
<Status>ACCEPTED</Status>
</PRA>
</SRIRContainer>
</Containers>
</Truck>
</CreateStackRunInManifestResult>
</CreateStackRunInManifestResponse>
</soap:Body>
</soap:Envelope>
```

## 9.3 Invalid Username or Password – Case 2

### 9.3.1 Request:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:stac="http://vbs.1-stop.biz/VBSWebservices/StackRunInManifest">
```

```
<soap:Header/>
```

```
<soap:Body>
```

```
<stac:CreateStackRunInManifest>
```

```
<stac:UserName>wsTester88</stac:UserName>
```

```
<stac>Password>wsTesting</stac>Password>
```

```
<stac:SRIManifestRequest>
```

```
<stac:DateTime>2010-07-01T16:00:20</stac:DateTime>
```

```
<stac:ReceiverID>CTLPB</stac:ReceiverID>
```

```
<stac:Truck>
```

```
<stac:TruckType>B</stac:TruckType>
```

```
<stac:TruckReference type="REGO">FFJ541</stac:TruckReference>
```

```
<stac:MSICNumber></stac:MSICNumber>
```

```
<stac:TruckAttachment>N</stac:TruckAttachment>
```

```
<stac:Containers>
```

```
<stac:SRIContainer>
```

```
<stac:VBSEARNID>1008</stac:VBSEARNID>
```

```
<stac:ContainerNumber> C S Q U 3 0 5 4 3 8 3</stac:ContainerNumber>
```



```
<stac:ISO></stac:ISO>

<stac:Position>2</stac:Position>

<stac:Door>ANY</stac:Door>

<stac:Attachments>

  <!--Zero or more repetitions:-->

  <stac:Attachment></stac:Attachment>

</stac:Attachments>

</stac:SRIContainer>

</stac:Containers>

</stac:Truck>

<stac:SMSDetails>

  <stac:Flag>>false</stac:Flag>

  <stac:Mobile></stac:Mobile>

  <stac:SMSText></stac:SMSText>

</stac:SMSDetails>

</stac:SRIManifestRequest>

</stac:CreateStackRunInManifest>

</soap:Body>

</soap:Envelope>
```

---

### 9.3.2 Response:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">

  <soap:Body>

    <CreateStackRunInManifestResponse xmlns="http://vbs.1-
stop.biz/VBSWebServices/StackRunInManifest">

      <CreateStackRunInManifestResult>

        <DateTime>2010-07-01T16:27:15.2834037+10:00</DateTime>

        <Status>REJECTED</Status>

        <Truck>

          <Containers>
```



```
<SRIRContainer>
  <VBSEID>1008</VBSEID>
  <ContainerNumber> C S Q U 3 0 5 4 3 8 3</ContainerNumber>
</SRIRContainer>
</Containers>
</Truck>
<Errors>
  <Error>
    <ErrorCode>1001</ErrorCode>
    <ErrorDescription>Invalid Username or Password.</ErrorDescription>
  </Error>
</Errors>
</CreateStackRunInManifestResult>
</CreateStackRunInManifestResponse>
</soap:Body>
</soap:Envelope>
```

## 9.4 VBSEID does not exist – Case 3

### 9.4.1 Request:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:stac="http://vbs.1-stop.biz/VBSWebservices/StackRunInManifest">
  <soap:Header/>
  <soap:Body>
    <stac:CreateStackRunInManifest>
      <stac:UserName>wsTester</stac:UserName>
      <stac>Password>wsTesting</stac>Password>
      <stac:SRIManifestRequest>
        <stac:DateTime>2010-07-01T16:00:20</stac:DateTime>
        <stac:ReceiverID>CTLPB</stac:ReceiverID>
        <stac:Truck>
          <stac:TruckType>B</stac:TruckType>
```



```
<stac:TruckReference type="REGO">FFJ541</stac:TruckReference>
<stac:MSICNumber></stac:MSICNumber>
<stac:TruckAttachment>N</stac:TruckAttachment>
<stac:Containers>
  <stac:SRIContainer>
    <stac:VBSEID>0</stac:VBSEID>
    <stac:ContainerNumber> C S Q U 3 0 5 4 3 8 3</stac:ContainerNumber>
    <stac:ISO></stac:ISO>
    <stac:Position>2</stac:Position>
    <stac:Door>ANY</stac:Door>
    <stac:Attachments>
      <!--Zero or more repetitions:-->
      <stac:Attachment></stac:Attachment>
    </stac:Attachments>
  </stac:SRIContainer>
</stac:Containers>
</stac:Truck>
<stac:SMSDetails>
  <stac:Flag>>false</stac:Flag>
  <stac:Mobile></stac:Mobile>
  <stac:SMSText></stac:SMSText>
</stac:SMSDetails>
</stac:SRIManifestRequest>
</stac>CreateStackRunInManifest>
</soap:Body>
</soap:Envelope>
```

---

#### 9.4.2 Response:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
```



```
<CreateStackRunInManifestResponse xmlns="http://vbs.1-stop.biz/VBSWebservices/StackRunInManifest">
  <CreateStackRunInManifestResult>
    <DateTime>2010-07-01T16:33:17.5394037+10:00</DateTime>
    <Status>REJECTED</Status>
    <Truck>
      <Containers>
        <SRIRContainer>
          <VBSEARNID>0</VBSEARNID>
          <ContainerNumber> C S Q U 3 0 5 4 3 8 3</ContainerNumber>
        </SRIRContainer>
      </Containers>
    </Truck>
    <Errors>
      <Error>
        <ErrorCode>1006</ErrorCode>
        <ErrorDescription>VBSEARNID does not exist.</ErrorDescription>
      </Error>
    </Errors>
  </CreateStackRunInManifestResult>
</CreateStackRunInManifestResponse>
</soap:Body>
</soap:Envelope>
```

## 9.5 Invalid Mobile Number – Case 8

### 9.5.1 Request:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:stac="http://vbs.1-stop.biz/VBSWebservices/StackRunInManifest">
  <soap:Header/>
  <soap:Body>
    <stac:CreateStackRunInManifest>
```



```
<stac:UserName>wsTester</stac:UserName>
<stac>Password>wsTesting</stac>Password>
<stac:SRIManifestRequest>
  <stac:DateTime>2010-07-01T16:00:20</stac:DateTime>
  <stac:ReceiverID>CTLPB</stac:ReceiverID>
  <stac:Truck>
    <stac:TruckType>B</stac:TruckType>
    <stac:TruckReference type="REGO">FFJ541</stac:TruckReference>
    <stac:MSICNumber></stac:MSICNumber>
    <stac:TruckAttachment>N</stac:TruckAttachment>
    <stac:Containers>
      <stac:SRIContainer>
        <stac:VBSEARNID>7980</stac:VBSEARNID>
        <stac:ContainerNumber> C S Q U 3 0 5 4 3 8 3</stac:ContainerNumber>
        <stac:ISO></stac:ISO>
        <stac:Position>2</stac:Position>
        <stac:Door>ANY</stac:Door>
        <stac:Attachments>
          <!--Zero or more repetitions:-->
          <stac:Attachment></stac:Attachment>
        </stac:Attachments>
      </stac:SRIContainer>
    </stac:Containers>
  </stac:Truck>
  <stac:SMSDetails>
    <stac:Flag>>true</stac:Flag>
    <stac:Mobile>0411988</stac:Mobile>
    <stac:SMSText>testing</stac:SMSText>
  </stac:SMSDetails>
</stac:SRIManifestRequest>
```

```
</stac:CreateStackRunInManifest>  
  
</soap:Body>  
  
</soap:Envelope>
```

---

### 9.5.2 Response:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"  
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
```

```
<soap:Body>  
  
  <CreateStackRunInManifestResponse xmlns="http://vbs.1-  
stop.biz/VBSWebservices/StackRunInManifest">  
  
    <CreateStackRunInManifestResult>  
  
      <DateTime>2010-07-01T16:40:50.0194037+10:00</DateTime>  
  
      <Status>REJECTED</Status>  
  
      <Truck>  
  
        <Containers>  
  
          <SRIRContainer>  
  
            <VBSEARNID>7980</VBSEARNID>  
  
            <ContainerNumber> C S Q U 3 0 5 4 3 8 3</ContainerNumber>  
  
          </SRIRContainer>  
  
        </Containers>  
  
      </Truck>  
  
      <Errors>  
  
        <Error>  
  
          <ErrorCode>1013</ErrorCode>  
  
          <ErrorDescription>Mobile Number must contain at least 10 characters  
long.</ErrorDescription>  
  
        </Error>  
  
      </Errors>  
  
    </CreateStackRunInManifestResult>  
  
  </CreateStackRunInManifestResponse>
```





```
</soap:Body>  
</soap:Envelope>
```

## 9.6 Manifest with Multiple Errors – Case 17

### 9.6.1 Request:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:stac="http://vbs.1-stop.biz/VBSWebServices/StackRunInManifest">
```

```
<soap:Header/>
```

```
<soap:Body>
```

```
<stac:CreateStackRunInManifest>
```

```
<stac:UserName>wsTester</stac:UserName>
```

```
<stac>Password>wsTesting</stac>Password>
```

```
<stac:SRIManifestRequest>
```

```
<stac:DateTime>2010-07-01T16:00:20</stac:DateTime>
```

```
<stac:ReceiverID>CTLPB</stac:ReceiverID>
```

```
<stac:Truck>
```

```
<stac:TruckType>B</stac:TruckType>
```

```
<stac:TruckReference type="REGO">AAA111</stac:TruckReference>
```

```
<stac:MSICNumber></stac:MSICNumber>
```

```
<stac:TruckAttachment>N</stac:TruckAttachment>
```

```
<stac:Containers>
```

```
<stac:SRIContainer>
```

```
<stac:VBSEARNID>1001</stac:VBSEARNID>
```

```
<stac:ContainerNumber> SUDU1381364</stac:ContainerNumber>
```

```
<stac:ISO></stac:ISO>
```

```
<stac:Position>8</stac:Position>
```

```
<stac:Door>ANY</stac:Door>
```

```
<stac:Attachments>
```

```
<!--Zero or more repetitions:-->
```

```
<stac:Attachment></stac:Attachment>
```

```
</stac:Attachments>
```



```
        </stac:SRIContainer>
    </stac:Containers>
</stac:Truck>
<stac:SMSDetails>
    <stac:Flag>true</stac:Flag>
    <stac:Mobile>04231</stac:Mobile>
    <stac:SMSText>testing</stac:SMSText>
</stac:SMSDetails>
</stac:SRIManifestRequest>
</stac:CreateStackRunInManifest>
</soap:Body>
</soap:Envelope>
```

---

#### 9.6.2 Response:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <soap:Body>
        <CreateStackRunInManifestResponse xmlns="http://vbs.1-
stop.biz/VBSWebServices/StackRunInManifest">
            <CreateStackRunInManifestResult>
                <DateTime>2010-07-02T09:28:47.4999808+10:00</DateTime>
                <Status>REJECTED</Status>
                <Truck>
                    <Containers>
                        <SRIRContainer>
                            <VBSERNID>1001</VBSERNID>
                            <ContainerNumber> SUDU1381364</ContainerNumber>
                        </SRIRContainer>
                    </Containers>
                </Truck>
                <Errors>
```

```
<Error>
  <ErrorCode>1011</ErrorCode>
  <ErrorDescription>Container Position is mandatory field and between 1 and
6.</ErrorDescription>
</Error>
<Error>
  <ErrorCode>1013</ErrorCode>
  <ErrorDescription>Mobile Number must contain at least 10 characters
long.</ErrorDescription>
</Error>
<Error>
  <ErrorCode>1015</ErrorCode>
  <ErrorDescription>Invalid Receiver Code for provided VBSERNID.</ErrorDescription>
</Error>
</Errors>
</CreateStackRunInManifestResult>
</CreateStackRunInManifestResponse>
</soap:Body>
</soap:Envelope>
```

## 9.7 Get Stack Run Remaining Slot – Case 18

### 9.7.1 Request:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:stac="http://vbs.1-
stop.biz/VBSWebServices/StackRunInManifest">
  <soap:Header/>
  <soap:Body>
    <stac:GetNumSlotsRemaining>
      <!--Optional:-->
      <stac:UserName>wsTester</stac:UserName>
      <!--Optional:-->
      <stac>Password>wsTesting</stac>Password>
      <!--Optional:-->
```

```
<stac:Terminal>CTLPB</stac:Terminal>

<!--Optional:-->

<stac:BookingDate>2013-03-30T11:00:00</stac:BookingDate>

<stac:TimeZone>5</stac:TimeZone>

</stac:GetNumSlotsRemaining>

</soap:Body>

</soap:Envelope>
```

---

### 9.7.2 Response:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">

  <soap:Body>

    <GetNumSlotsRemainingResponse xmlns="http://vbs.1-
stop.biz/VBSWebservices/StackRunInManifest">

      <GetNumSlotsRemainingResult>999</GetNumSlotsRemainingResult>

      <ErrorCode/>

    </GetNumSlotsRemainingResponse>

  </soap:Body>

</soap:Envelope>
```

## 9.8 GetNumSlotsRemaining: Invalid Credential – Case 19

---

### 9.8.1 Request:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:stac="http://vbs.1-
stop.biz/VBSWebservices/StackRunInManifest">

  <soap:Header/>

  <soap:Body>

    <stac:GetNumSlotsRemaining>

      <!--Optional:-->

      <stac:UserName>wsTester99</stac:UserName>

      <!--Optional:-->

      <stac>Password>wsTesting</stac>Password>

      <!--Optional:-->

    </stac:GetNumSlotsRemaining>

  </soap:Body>

</soap:Envelope>
```

```
<stac:Terminal>CTLPB</stac:Terminal>

<!--Optional:-->

<stac:BookingDate>2013-03-30T11:00:00</stac:BookingDate>

<stac:TimeZone>05</stac:TimeZone>

</stac:GetNumSlotsRemaining>

</soap:Body>

</soap:Envelope>
```

---

### 9.8.2 Response:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">

  <soap:Body>

    <GetNumSlotsRemainingResponse xmlns="http://vbs.1-
stop.biz/VBSWebservices/StackRunInManifest">

      <GetNumSlotsRemainingResult>0</GetNumSlotsRemainingResult>

      <ErrorCode>1001</ErrorCode>

    </GetNumSlotsRemainingResponse>

  </soap:Body>

</soap:Envelope>
```

## 9.9 GetNumSlotsRemaining: Invalid TimeZone – Case 20

---

### 9.9.1 Request:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:stac="http://vbs.1-
stop.biz/VBSWebservices/StackRunInManifest">

  <soap:Header/>

  <soap:Body>

    <stac:GetNumSlotsRemaining>

      <!--Optional:-->

      <stac:UserName>wsTester</stac:UserName>

      <!--Optional:-->

      <stac>Password>wsTesting</stac>Password>

      <!--Optional:-->

    </stac:GetNumSlotsRemaining>

  </soap:Body>

</soap:Envelope>
```



```
<stac:Terminal>CTLPB</stac:Terminal>

<!--Optional:-->

<stac:BookingDate>2013-03-30T11:00:00</stac:BookingDate>

<stac:TimeZone>26</stac:TimeZone>

</stac:GetNumSlotsRemaining>

</soap:Body>

</soap:Envelope>
```

---

### 9.9.2 Response:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">

  <soap:Body>

    <GetNumSlotsRemainingResponse xmlns="http://vbs.1-
stop.biz/VBSWebservices/StackRunInManifest">

      <GetNumSlotsRemainingResult>0</GetNumSlotsRemainingResult>

      <ErrorCode>1037</ErrorCode>

    </GetNumSlotsRemainingResponse>

  </soap:Body>

</soap:Envelope>
```

## 9.10 Get Stack Run In Detail Successful – Case 21

---

### 9.10.1 Request:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:stac="http://vbs.1-
stop.biz/VBSWebservices/StackRunInManifest">

  <soap:Header/>

  <soap:Body>

    <stac:GetStackRunInDetail>

      <stac:UserName>wsTester</stac:UserName>

      <stac>Password>wsTesting</stac>Password>

      <stac:Terminal>CTLPB</stac:Terminal>

      <stac:ERN>ern007</stac:ERN>

    </stac:GetStackRunInDetail>

  </soap:Body>

</soap:Envelope>
```



```
</stac:GetStackRunInDetail>
</soap:Body>
</soap:Envelope>
```

---

### 9.10.2 Response:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <GetStackRunInDetailResponse xmlns="http://vbs.1-
stop.biz/VBSWebservices/StackRunInManifest">
      <GetStackRunInDetailResult>
        <SRIERNS>
          <SRIERN>
            <VBS_ERN_ID>1007</VBS_ERN_ID>
            <ERN>ERN007</ERN>
            <ShippingLineRef>SLN7</ShippingLineRef>
            <NumberOfContainers>50</NumberOfContainers>
            <CntrSize>20</CntrSize>
            <ISO_Code>2210</ISO_Code>
            <CntrComdty>MT</CntrComdty>
            <ContainerDesc>20'x8'6" Vented General</ContainerDesc>
            <VesselName>MAERSK DAMPIER</VesselName>
            <LloydNum>9248083</LloydNum>
            <VoyageNum>1002</VoyageNum>
            <ReceivalStartDate>2010-06-25T09:51:28.1520324</ReceivalStartDate>
            <CutOffDate>2010-07-02T09:51:28.1520324</CutOffDate>
            <EstimateArrivalDate>2010-07-04T09:51:28.1530325</EstimateArrivalDate>
            <EstimateDepartureDate>2010-07-06T09:51:28.1530325</EstimateDepartureDate>
            <DischargePort>AUFRE</DischargePort>
            <FinalDestination>AUFRE</FinalDestination>
            <Status>Confirmed</Status>
```



```
<ManifestedCount>0</ManifestedCount>
<StackRunID>SlotDesc</StackRunID>
<StackRunStartDate>2010-07-02</StackRunStartDate>
<StackRunEndDate>2010-07-02</StackRunEndDate>
<ZoneStart>10</ZoneStart>
<ZoneEnd>15</ZoneEnd>
</SRIERN>
</SRIERNS>
</GetStackRunInDetailResult>
</GetStackRunInDetailResponse>
</soap:Body>
</soap:Envelope>
```

## 9.11 Invalid ERN – Case 23

### 9.11.1 Request:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:stac="http://vbs.1-
stop.biz/VBSWebServices/StackRunInManifest">
  <soap:Header/>
  <soap:Body>
    <stac:GetStackRunInDetail>
      <stac:UserName>wsTester</stac:UserName>
      <stac>Password>wsTesting</stac>Password>
      <stac:Terminal>CTLPB</stac:Terminal>
      <stac:ERN>ernX87X</stac:ERN>
    </stac:GetStackRunInDetail>
  </soap:Body>
</soap:Envelope>
```

### 9.11.2 Response:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
```





```
<soap:Body>  
  <GetStackRunInDetailResponse xmlns="http://vbs.1-stop.biz/VBSWebservices/StackRunInManifest">  
    <GetStackRunInDetailResult>  
      <Error>  
        <ErrorCode>1021</ErrorCode>  
        <ErrorDescription>No data found for ERN: 'ernX87X'</ErrorDescription>  
      </Error>  
    </GetStackRunInDetailResult>  
  </GetStackRunInDetailResponse>  
</soap:Body>  
</soap:Envelope>
```



## 9.12 C# .NET Code Snippet to Create\_Stack\_Run\_IN\_MANIFEST Web service

```
[TestMethod]
public void AuthenticationSRILoginFail()
{
    //create a webservice instance
    StackRunInManifest vbsSRIManifestWS = new StackRunInManifest();

    //create Manifest request object
    CreateStackRunInManifestSRIManifestRequest manifestRequest = new
CreateStackRunInManifestSRIManifestRequest();
    manifestRequest.DateTime = System.DateTime.Now;
    manifestRequest.ReceiverID = "ASLPB";

    CreateStackRunInManifestSRIManifestRequestTruck truck = new
CreateStackRunInManifestSRIManifestRequestTruck();
    truck.TruckAttachment =
(CreateStackRunInManifestSRIManifestRequestTruckTruckAttachment)Enum.Parse(typeof(CreateStackR
unInManifestSRIManifestRequestTruckTruckAttachment), "N");
    CreateStackRunInManifestSRIManifestRequestTruckTruckReference truckRef = new
CreateStackRunInManifestSRIManifestRequestTruckTruckReference();

    truckRef.type =
(CreateStackRunInManifestSRIManifestRequestTruckTruckReferenceType)Enum.Parse(typeof(CreateSta
ckRunInManifestSRIManifestRequestTruckTruckReferenceType), "REGO");
    truckRef.Value = "KML765";
    truck.TruckReference = truckRef;

    truck.TruckType =
(CreateStackRunInManifestSRIManifestRequestTruckTruckType)Enum.Parse(typeof(CreateStackRunInMa
nifestSRIManifestRequestTruckTruckType), "B");

    List<ArrayOfSRIManifestTruckSRIContainerSRIContainer> conts = new
List<ArrayOfSRIManifestTruckSRIContainerSRIContainer>();
    ArrayOfSRIManifestTruckSRIContainerSRIContainer cont = new
ArrayOfSRIManifestTruckSRIContainerSRIContainer();
    cont.VBSERNID = 4668;
    cont.ContainerNumber = "Containerxxxx";
    cont.ISO = "ISO9";
    cont.Position = 1;
    cont.Door =
(ArrayOfSRIManifestTruckSRIContainerSRIContainerDoor)Enum.Parse(typeof(ArrayOfSRIManifestTruck
SRIContainerSRIContainerDoor), "ANY");

    conts.Add(cont);

    truck.Containers = conts.ToArray();

    manifestRequest.Truck = truck;

    CreateStackRunInManifestResponseCreateStackRunInManifestResult manifestResponse =
vbsSRIManifestWS.CreateStackRunInManifest("dummyUser", "pwd", manifestRequest);

    Assert.AreEqual("REJECTED", manifestResponse.Status.ToString());
}
```