

PORT HOUSTON: APPOINTMENT API

Introduction –

The below will show you how to create/update/cancel an appointment at Port Houston, through the EVP platform. To update or cancel an appointment, you will need to reference the appointment-nbr that was generated on the create-appointment. When using EVP to programmatically make an appointment, you will need to use two forms of authentication. One to call the argobasicservice appointment host on api.america.naviscloudops.com and N4 credentials to validate access to N4. Both will be provided to you by Port Houston at api@porthouston.com

Time Slots –

When creating appointments, use the <appointment-time> tag to specify the estimated hour of port arrival. This helps Port Houston better anticipate your planned arrival time. Below are the current time slots.

Time Slot

0600-0800 <appointment-time>06:00:00</appointment-time> OR <appointment-time>07:00:00</appointment-time>
0800-1000 <appointment-time>08:00:00</appointment-time> OR <appointment-time>09:00:00</appointment-time>
1000-1200 <appointment-time>10:00:00</appointment-time> OR <appointment-time>11:00:00</appointment-time>
1200-1400 <appointment-time>12:00:00</appointment-time> OR <appointment-time>13:00:00</appointment-time>
1400-1600 <appointment-time>14:00:00</appointment-time> OR <appointment-time>15:00:00</appointment-time>
1600-1800 <appointment-time>16:00:00</appointment-time> OR <appointment-time>17:00:00</appointment-time>

When sending a time, it's important to note that you cannot send for a time slot that's already passed.

Example, sending <appointment-time>10:00:00</appointment-time> for the current day, at 1300, will error out and respond with appropriate suggested time slots.

Authentication –

To call the SOAP appointment API you will need to use two authorization headers, shown Below. The “N4-Authorization” will be the Navis N4 username:password provided to you by Port Houston, base64 encoded.

-H "Authorization: Bearer YOUR_ACCESS_TOKEN"

-H "N4-Authorization: Basic YOUR_ENCODED_N4_USERNAME:PASSWORD"

Calling API –

Step 1: Get your EVP token (required EVP clientId/clientSecret)

Step 2: Prepare for N4 Basic Authentication by base64 encoding your provided Navis N4 username:password

Step 3: Prepare SOAP Payload. Below, you will see a Payload example for each of the tags below.

- <create-appointment/>
- <update-appointment/>
- <cancel-appointment/>

Transaction type examples as well as full SOAP payloads for Creating/Updating/Cancelling appointments, below.

COMPLEX SITES

Bayport == <arg:scopeCoordinateIds>POHA/PHA/BPT/BPT</arg:scopeCoordinateIds>

Barbours cut == <arg:scopeCoordinateIds>POHA/PHA/BCT/BCT</arg:scopeCoordinateIds>

DELIVER IMPORT

```
<create-appointment>
  <appointment-date>2025-07-17</appointment-date>
  <appointment-time>10:00:00</appointment-time> <!--PUT ESTIMATED HOUR FOR PORT ARRIVAL-->
  <gate-id>BPT MAIN</gate-id>
  <truck license-nbr="LP12345" trucking-co-id="SCAC" /> <!--Send SCAC for License if unknown-->
  <tran-type>DI</tran-type>
  <container eqid="PHAU1234567"/> <!--Don't send cntr-ISO or line-op-->
  <chassis eqid="PHAU123456" is-owners="true" /> <!-- Send value "false" for is-owners if driver will not bring chassis -->
</create-appointment>
```

DELIVER EMPTY

```
<gate>
  <create-appointment>
    <appointment-date>2025-07-17</appointment-date>
    <appointment-time>10:00:00</appointment-time> <!--PUT ESTIMATED HOUR FOR PORT ARRIVAL-->
    <gate-id>BPT MAIN</gate-id>
    <truck license-nbr="LP12345" trucking-co-id="SCAC" /> <!--Send SCAC for License if unknown-->
    <booking booking-nbr="TESTBOOKING" />
    <tran-type>DM</tran-type>
    <container type="45G1" />
    <chassis eqid="PHAU123456" is-owners="true" /> <!-- Send value "false" for is-owners if driver will not bring chassis -->
  </create-appointment>
</gate>
```

DELIVER CHASSIS

```
<gate>
  <create-appointment>
    <appointment-date>2025-07-16</appointment-date>
    <appointment-time>10:00:00</appointment-time> <!--PUT ESTIMATED HOUR FOR PORT ARRIVAL-->
    <gate-id>BPT MAIN</gate-id>
    <truck license-nbr="LP12345" trucking-co-id="SCAC" /> <!--Send SCAC for License if unknown-->
    <booking booking-nbr="PHABOOKING" />
    <tran-type>DC</tran-type>
    <chassis />
  </create-appointment>
</gate>
```

DELIVER EXPORT

```
<gate>
  <create-appointment>
    <appointment-date>2025-07-16</appointment-date>
    <appointment-time>10:00:00</appointment-time> <!--PUT ESTIMATED HOUR FOR PORT ARRIVAL-->
    <gate-id>BPT MAIN</gate-id>
    <truck license-nbr="LP12345" trucking-co-id="SCAC" /> <!--Send SCAC for License if unknown-->
    <tran-type>DE</tran-type>
    <container eqid="PHAU1234567"/> <!--Don't send line-op-->
    <chassis eqid="PHA123456" is-owners="true" /> <!-- Send value "false" for is-owners if driver will not bring chassis -->
  </create-appointment>
</gate>
```

RECEIVE EXPORT

```
<gate>
  <create-appointment>
    <appointment-date>2025-07-16</appointment-date>
    <appointment-time>10:00:00</appointment-time> <!--PUT ESTIMATED HOUR FOR PORT ARRIVAL-->
    <gate-id>BPT MAIN</gate-id>
    <truck license-nbr="LP12345" trucking-co-id="SCAC" /> <!--Send SCAC for License if unknown-->
    <booking booking-nbr="PHAHAZBOOK" line="PHA" />
    <tran-type>RE</tran-type>
    <container eqid="PHAU1234567"> <!--Don't send cntr-ISO or line-op-->
  </create-appointment>
</gate>
```

```

        <!--Send hazards tag is booking is hazardous-->
        <hazards>
            <hazard is-hazard="true"/>
        </hazards>
    </container>
    <chassis eqid="PHAU123456" is-owners="true" /> <!-- Send value "false" for is-owners if driver will not keep chassis -->
</create-appointment>
</gate>

```

RECEIVE EMPTY

```

<gate>
    <create-appointment>
        <appointment-date>2025-07-16</appointment-date>
        <appointment-time>10:00:00</appointment-time> <!-- PUT ESTIMATED HOUR FOR PORT ARRIVAL -->
        <gate-id>BPT MAIN</gate-id>
        <truck license-nbr="LP12345" trucking-co-id="SCAC" /> <!--Send SCAC for License if unknown-->
        <tran-type>RM</tran-type>
        <container eqid="PHAU1234567" /> <!--Don't send cntr-ISO or line-op-->
        <chassis eqid="PHAU123456" is-owners="true" /> <!-- Send value "false" for is-owners if driver will not keep chassis -->
    </create-appointment>
</gate>

```

RECEIVE CHASSIS

```

<gate>
    <create-appointment>
        <appointment-date>2025-07-16</appointment-date>
        <appointment-time>10:00:00</appointment-time> <!-- PUT ESTIMATED HOUR FOR PORT ARRIVAL -->
        <gate-id>BPT MAIN</gate-id>
        <truck license-nbr="LP12345" trucking-co-id="SCAC" /> <!--Send SCAC for License if unknown-->
        <tran-type>RC</tran-type>
        <chassis eqid="PHAU123456" /> <!--Don't send operator-id-->
    </create-appointment>
</gate>

```

RECEIVE IMPORT

```

<gate>
    <create-appointment>
        <appointment-date>2025-07-16</appointment-date>
        <appointment-time>10:00:00</appointment-time> <!-- PUT ESTIMATED HOUR FOR PORT ARRIVAL -->
        <gate-id>BPT MAIN</gate-id>
        <truck license-nbr="LP123456" trucking-co-id="SCAC" /> <!--Send SCAC for License if unknown-->
        <tran-type>RI</tran-type>
        <container eqid="PHAU1234567" seal-1="217020"/> <!--Don't send line-id or type -->
        <chassis eqid="PHAU123456" is-owners="true" /> <!-- Send value "false" for is-owners if driver will not keep chassis -->
    </create-appointment>
</gate>

```

CREATE APPOINTMENT

Sample API URL –

Request

```

curl -v -X POST "https://api.america.naviscloudops.com/v1/r2pxy/apex/services/argobasicservice"
-H "Content-Type: application/xml"
-H "SOAPAction: "
-H "Authorization: Bearer YOUR_ACCESS_TOKEN"
-H "N4-Authorization: Basic YOUR_ENCODED_N4_USERNAME:PASSWORD"
-d '<?xml version="1.0" encoding="UTF-8"?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"

```

```

xmlns:arg="http://navis.com/argo">
<soapenv:Header/>
<soapenv:Body>
<arg:basicInvoke>
<arg:scopeCoordinateIds>POHA/PHA/BPT/BPT</arg:scopeCoordinateIds>
<arg:xmlDoc><![CDATA[
<gate>
    <create-appointment>
        <appointment-date>2025-06-23</appointment-date>
        <appointment-time>10:00:00</appointment-time>
        <gate-id>BPT MAIN</gate-id>
        <truck license-nbr="PHA123" trucking-co-id="PHA" />
        <tran-type>DI</tran-type>
        <container eqid="PHAU1234567" />
        <chassis eqid="PHAU12345" is-owners="true" />
    </create-appointment>
</gate>
]]></arg:xmlDoc>
</arg:basicInvoke>
</soapenv:Body>
</soapenv:Envelope>'

```

Response

```

<?xml version="1.0" encoding="UTF-8"?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
<soapenv:Body>
<basicInvokeResponse xmlns="http://navis.com/argo">
<ns1:basicInvokeResponse xmlns:ns1="http://www.navis.com/services/argobasicservice">
    <argo-response status="0" status-id="OK">
        <argo:gate-response xmlns:argo="http://www.navis.com/argo"
            xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            xsi:schemaLocation="http://www.navis.com/argo GateWebserviceResponse.xsd">
            <create-appointment-response>
                <gate-id>BPT MAIN</gate-id>
                <appointment-nbr>13523242</appointment-nbr>
                <slot slot-start="2025-06-23T06:00:00" slot-end="2025-06-23T23:59:00"/>
                <booking line="PHA"/>
                <tran-type>PUI</tran-type>
                <appointment requires-xray="false"/>
                <container eqid=" PHAU1234567"/>
                <chassis eqid=" PHAU123456" is-owners="true"/>
                <truck license-nbr=" PHA123" trucking-co-id="PHA"/>
            </create-appointment-response>
        </argo:gate-response>
    </argo-response>
</ns1:basicInvokeResponse>
</basicInvokeResponse>
</soapenv:Body>

```

</soapenv:Envelope>

UPDATE APPOINTMENT

Sample API URL –

Request

```
curl -v -X POST "https://api.america.naviscloudops.com/v1/r2pxy/apex/services/argobasicservice"
-H "Content-Type: application/xml"
-H "SOAPAction: ''"
-H "Authorization: Bearer YOUR_ACCESS_TOKEN"
-H "N4-Authorization: Basic YOUR_ENCODED_N4_USERNAME:PASSWORD"
-d '<?xml version="1.0" encoding="UTF-8"?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:arg="http://navis.com/argo">
<soapenv:Header/>
<soapenv:Body>
<arg:basicInvoke>
<arg:scopeCoordinateIds>POHA/PHA/BPT/BPT</arg:scopeCoordinateIds>
<arg:xmlDoc><![CDATA[
<gate>
  <update-appointment>
    <appointment-date>2025-06-24</appointment-date>
    <appointment-time>10:00:00</appointment-time>
    <gate-id>BPT MAIN</gate-id>
    <truck license-nbr="LP12345" trucking-co-id="SCAC" />
    <tran-type>DI</tran-type>
    <container eqid="PHAU1234567"/>
    <chassis eqid="PHAU209057" is-owners="true" />
    <appointment-nbr>13523242</appointment-nbr> <!-- Appointment-nbr was taken from the response in the create-appointment -->
  </update-appointment>
</gate>
]]></arg:xmlDoc>
</arg:basicInvoke>
</soapenv:Body>
</soapenv:Envelope>'
```

Response

```
<?xml version="1.0" encoding="UTF-8"?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
<soapenv:Body>
<basicInvokeResponse xmlns="http://navis.com/argo">
<ns1:basicInvokeResponse xmlns:ns1="http://www.navis.com/services/argobasicservice">
<argo-response status="0" status-id="OK">
<argo:gate-response xmlns:argo="http://www.navis.com/argo"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
```

```

        xsi:schemaLocation="http://www.navis.com/argo GateWebserviceResponse.xsd">
<update-appointment-response>
  <gate-id>BPT MAIN</gate-id>
  <appointment-nbr>13523333</appointment-nbr>
  <slot slot-start="2025-06-24T06:00:00" slot-end="2025-06-23T23:59:00"/>
  <booking line="PHA"/>
  <tran-type>PUI</tran-type>
  <appointment requires-xray="false"/>
  <container eqid=" PHAU1234567"/>
  <chassis eqid=" PHAU123456" is-owners="true"/>
  <truck license-nbr=" LP12345" trucking-co-id="SCAC"/>
</update-appointment-response>
</argo:gate-response>
</argo-response>
</ns1:basicInvokeResponse>
</basicInvokeResponse>
</soapenv:Body>
</soapenv:Envelope>

```

CANCEL APPOINTMENT

Sample API URL –

Request

```

curl -v -X POST "https://api.america.naviscloudops.com/v1/r2pxy/apex/services/argobasicservice"
-H "Content-Type: application/xml"
-H "SOAPAction: ''"
-H "Authorization: Bearer YOUR_ACCESS_TOKEN"
-H "N4-Authorization: Basic YOUR_ENCODED_N4_USERNAME:PASSWORD"
-d '<?xml version="1.0" encoding="UTF-8"?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:arg="http://navis.com/argo">
<soapenv:Header/>
<soapenv:Body>
<arg:basicInvoke>
<arg:scopeCoordinateIds>POHA/PHA/BPT/BPT</arg:scopeCoordinateIds>
<arg:xmlDoc><![CDATA[
  <gate>
    <cancel-appointment>
      <appointments>
        <appointment appointment-nbr="13523333"/>
      </appointments>
    </cancel-appointment>
  </gate>
]]></arg:xmlDoc>
</arg:basicInvoke>
</soapenv:Body>
</soapenv:Envelope>'

```

Response

```
<?xml version="1.0" encoding="UTF-8"?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Body>
    <basicInvokeResponse xmlns="http://navis.com/argo">
      <ns1:basicInvokeResponse xmlns:ns1="http://www.navis.com/services/argobasicservice">
        <argo-response status="0" status-id="OK">
          <argo:gate-response xmlns:argo="http://www.navis.com/argo"
            xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            xsi:schemaLocation="http://www.navis.com/argo GateWebserviceResponse.xsd">
            <cancel-appointment-response>
              <appointments>
                <appointment appointment-nbr="13523333" state="CANCEL"/>
              </appointments>
            </cancel-appointment-response>
          </argo:gate-response>
        </argo-response>
      </ns1:basicInvokeResponse>
    </basicInvokeResponse>
  </soapenv:Body>
</soapenv:Envelope>
```