COSCO Syncon Hub API Specification for Cross Booking

[toc]

Update Logs

v1.2.1 (2021-06-10)

1. **A** Added fields for the Cross booking Inventory interface response(vesselName,voyageNo,direction) . [Details](#Cross Booking Inventory Query Interface).

v1.3.0 (2021-08-14)

1. **A** Added general error codes description. [Details](#General Error Codes).

Http Header

HTTP header information description

HTTP Header	Type	Required	Description	Remarks
X-Consumer-Forwarder-ID	String	no	Forwarder company sapId	

- X-Consumer-Forwarder-ID

```
# If you want to submit an order/booking for your subsidiary,add this
header to the request.The value is sapid of the subsidiary

X-Consumer-Forwarder-ID: 1234567890
```

Port Information Query Interface

Fuzzy query of the port information maintained by the platform based on the keywords of the port name

1. Information

- **Path**: `/service/synconhub/common/port/search`
- **Method**: POST

2. Request parameters

Name	Type	Required	Description	Remarks
keywords	String	yes	port name keywords	
page	Integer	no	page size	**default:**1，**minimum:**1
size	Integer	no	record size	**default:**30，**minimum:**1，**maximum:**30

3. Request sample

```
{
    "keywords": "yantian",
    "page": 1,
    "size": 30
}
```

4. Response parameters

Name	Description
code	status code
message	detail message
data	Paging query results (sorted by port name)

5. Response sample

```
{
    "code": 0,
    "message": "",
    "data": {
        "content": [
            {
                "id": "349645770723388",
                "portName": "Yantian",
                "portCode": "YTN",
                "portFullNameEn": "Yantian",
                "portFullNameCn": "盐田",
                "city": {
                    "id": "738872886233057", // city id
                    "unlocode": "CNSZN", // port code
```

```
                "cityName": "Shenzhen",
                "cntyName": "Shenzhen", // county name
                "stateName": "Guangdong",
                "stateCode": "GD",
                "ctryRegionName": "China", // country / region name
                "ctryRegionCode": "CN", // country / region code
                "cityFullNameEn": "Shenzhen",
                "cityFullNameCn": "深圳"
            }
        }
    ],
    "number": 1,
    "size": 30,
    "totalPages": 1,
    "totalElements": 1,
    "first": true, // is first page
    "last": true, // is last page
    "empty": false
  }
}
```

6. Error sample

```
{
    "code": 20041,
    "message": "the page size should be between 0 and 30."
}
```

7. Error Code Specification

Please refer to the [General Error Codes](#General Error Codes) .

Cross Booking Inventory Query Interface

1. Information

- **Path**: `/service/synconhub/crossBooking/inventory/search`
- **Method**: POST

2. Request parameters

Name	Type	Required	Description	Remarks

Name	Type	Required	Description	Remarks
contractNumber	String	yes	contract number	
fromDate	ISODate	yes	effective date range of the contract	ISO format in GMT by default, like: '2020-07-20T08:00:00.000Z'
toDate	ISODate	no	effective date range of the contract	ISO format in GMT by default, like: '2020-07-31T12:00:00.000Z'
service	String	no	service code	
polId	String	no	pol port id	
page	Integer	no	page number	**default:** 1,**min:** 1
size	Integer	no	page size	**default:** 20, **range:** [1, 50]

3. Request sample

```
{
    "contractNumber": "ATE20001",
    "fromDate": "2020-07-20T00:00:00.000Z",
    "toDate": "2020-08-20T00:00:00.000Z",
    "service": "SEA",
    "polId": "349645770723388",
    "page": 1,
    "size": 20
}
```

4. Response parameters

Name	Description
code	status code
message	detail message
data	pagination to return inventory information that meets the query condition. (sorted by week number)

5. Response sample

```json
{
    "code": 0,
    "message": "",
    "data": {
        "content": [
            {
                "weekNo": "202033", // week number
                "inventoryId": "8a5e110e7494c338017494d22fc00009", //
inventory ID of the contract
                "contractNumber": "ATE20001",
                "services": ["SEA", "AEU1"],
                "pols": [ // pol port infos, for the specific structure,
please refer to "Port Information Query Interface"
                    {
                        "id": "349645770723388",
                        "portName": "Yantian",
                        "portCode": "YTN",
                        "portFullNameEn": "Yantian",
                        "portFullNameCn": "盐田",
                        "city": {
                            "id": "738872886233057",
                            "unlocode": "CNSZN",
                            "cityName": "Shenzhen",
                            "cntyName": "Shenzhen",
                            "stateName": "Guangdong",
                            "stateCode": "GD",
                            "ctryRegionName": "China",
                            "ctryRegionCode": "CN",
                            "cityFullNameEn": "Shenzhen",
                            "cityFullNameCn": "深圳"
                        }
                    }
                ],
                "vesselName": null,
                "voyageNo": null,
                "direction": null,
                "used": 10,
                "available": 20,
                "total": 30
            },
            {
                "weekNo": "202033",
                "contactNumber": "ATE20001",
                "inventoryId": "8a5e112479ea76590179ea83c6e00000",
                "services": [
                    "SEA"
                ],
```

```
                    "pols": [
                        {
                            "id": "349645770723389",
                            "portName": "Shekou",
                            "portCode": "SHK",
                            "portFullNameEn": "Shekou",
                            "portFullNameCn": "蛇口",
                            "city": {
                                "id": "738872886233044",
                                "unlocode": "CNSHE",
                                "cityName": "Shekou",
                                "cntyName": "Shenzhen",
                                "stateName": "Guangdong",
                                "stateCode": "GD",
                                "cityFullNameEn": "Shekou",
                                "cityFullNameCn": "蛇口",
                                "ctryRegionName": "China",
                                "ctryRegionCode": "CN"
                            }
                        }
                    ],
                    "vesselName": VANTAGE,
                    "voyageNo": 033,
                    "direction": W,
                    "used": 0,
                    "available": 100,
                    "total": 100
                }
            ],
            "number": 1,
            "size": 20,
            "totalPages": 1,
            "totalElements": 1,
            "first": true, // is first page
            "last": true, // is last page
            "empty": false
        }
    }
```

6. Error sample

```
{
    "code": 20000,
    "message": "cannot identify the user, please contact support for help"
}
```

7. Error Code Specification

Please refer to the [General Error Codes](#General Error Codes) .

Cross Booking Schedule Query Interface

1. Information

- **Path**: `/service/synconhub/crossBooking/schedule`
- **Method**: POST

2. Request parameters

Name	Type	Required	Description	Remarks
inventoryId	String	yes	inventory Id of the contract No.	
originCityId	String	yes	por city id	
destinationCityId	String	yes	fnd city id	
cargoNature	String	no	cargo nature, e.g.: GC, RF, DG, AW	**default**: GC
page	Integer	no	page number	**default:** 1,**min:** 1
size	Integer	no	page size	**default:** 20, **range:** [1, 50]

3. Request sample

```
{
  "inventoryId":"8a5e110e7494c338017494d22fc00009", // the inventory id of
the contract no.
  "cargoNature": "GC",
  "page": 1,
  "size": 20,
  "destinationCityId": "738872886233842",
  "originCityId": "738872886232873"
}
```

4. Response parameters

Name	Description

Name	Description
code	status code
message	detail message
data	pagination to return schedule information that meets the query condition.

5. Response sample

```json
{
    "code": 0,
    "message": "",
    "data": {
        "content": [
            {
                "origin": {
                    "id": "738872886232873",
                    "unlocode": "CNSHA",
                    "cityName": "Shanghai",
                    "cntyName": "Shanghai",
                    "stateName": "Shanghai",
                    "stateCode": "SH",
                    "cityFullNameEn": "Shanghai",
                    "cityFullNameCn": "上海",
                    "ctryRegionName": "China",
                    "ctryRegionCode": "CN"
                },
                "destination": {
                    "id": "738872886233842",
                    "unlocode": "PKKAR",
                    "cityName": "Karachi",
                    "cntyName": null,
                    "stateName": "Sindh",
                    "stateCode": null,
                    "cityFullNameEn": "Karachi",
                    "cityFullNameCn": "卡拉奇",
                    "ctryRegionName": "Pakistan",
                    "ctryRegionCode": "PK"
                },
                "porFacilityCode": "SHA04",
                "fndFacilityCode": "KHI02",
                "legs": [
                    {
                        "carrier": null,
                        "service": {
                            "serviceCode": "PMX",
```

```
                    "serviceId": null
                },
                "vessel": {
                    "vesselName": "GREENWICH BRIDGE",
                    "vesselId": null,
                    "vesselCode": "SRL"
                },
                "voyageCode": "126",
                "internalVoyageNumber": "126",
                "externalVoyageNumber": "126W",
                "pol": {
                    "port": {
                        "id": "349657045012458",
                        "portName": "Shanghai",
                        "portCode": "SHA",
                        "portFullNameEn": "Shanghai",
                        "portFullNameCn": "上海",
                        "city": null
                    },
                    "etd": "2020-09-16 11:00",
                    "atd": null,
                    "eta": "2020-09-15 13:00",
                    "ata": null,
                    "facilityCode": "SHA04"
                },
                "pod": {
                    "port": {
                        "id": "349645770723431",
                        "portName": "Karachi",
                        "portCode": "KHI",
                        "portFullNameEn": "Karachi",
                        "portFullNameCn": "Karachi",
                        "city": null
                    },
                    "etd": "2020-10-07 20:00",
                    "atd": null,
                    "eta": "2020-10-05 22:00",
                    "ata": null,
                    "facilityCode": "KHI02"
                },
                "legSequence": 1,
                "direction": "W",
                "transportMode": "Feeder"
            }
        ],
        "cutOffLocalDate": "2020-09-16 00:00",
        "estimatedTransitTimeInDays": 19,
        "etaAtFnd": "2020-10-05 22:00",
```

```json
            "etdAtPor": "2020-09-16 11:00",
            "serviceCode": "PMX",
            "vesselName": "GREENWICH BRIDGE",
            "direction": "W",
            "voyageNo": "126",
            "signature": "2c9fbad696f7a0c4ffcaef2325621c75"
        },
        {
            "origin": {
                "id": "738872886232873",
                "unlocode": "CNSHA",
                "cityName": "Shanghai",
                "cntyName": "Shanghai",
                "stateName": "Shanghai",
                "stateCode": "SH",
                "cityFullNameEn": "Shanghai",
                "cityFullNameCn": "上海",
                "ctryRegionName": "China",
                "ctryRegionCode": "CN"
            },
            "destination": {
                "id": "738872886233842",
                "unlocode": "PKKAR",
                "cityName": "Karachi",
                "cntyName": null,
                "stateName": "Sindh",
                "stateCode": null,
                "cityFullNameEn": "Karachi",
                "cityFullNameCn": "卡拉奇",
                "ctryRegionName": "Pakistan",
                "ctryRegionCode": "PK"
            },
            "porFacilityCode": "SHA04",
            "fndFacilityCode": "KHI03",
            "legs": [
                {
                    "carrier": null,
                    "service": {
                        "serviceCode": "PMX",
                        "serviceId": null
                    },
                    "vessel": {
                        "vesselName": "GREENWICH BRIDGE",
                        "vesselId": null,
                        "vesselCode": "SRL"
                    },
                    "voyageCode": "126",
                    "internalVoyageNumber": "126",
```

```json
                    "externalVoyageNumber": "126W",
                    "pol": {
                        "port": {
                            "id": "349657045012458",
                            "portName": "Shanghai",
                            "portCode": "SHA",
                            "portFullNameEn": "Shanghai",
                            "portFullNameCn": "上海",
                            "city": null
                        },
                        "etd": "2020-09-16 11:00",
                        "atd": null,
                        "eta": "2020-09-15 13:00",
                        "ata": null,
                        "facilityCode": "SHA04"
                    },
                    "pod": {
                        "port": {
                            "id": "349645770723431",
                            "portName": "Karachi",
                            "portCode": "KHI",
                            "portFullNameEn": "Karachi",
                            "portFullNameCn": "Karachi",
                            "city": null
                        },
                        "etd": "2020-10-08 22:00",
                        "atd": null,
                        "eta": "2020-10-07 22:00",
                        "ata": null,
                        "facilityCode": "KHI03"
                    },
                    "legSequence": 1,
                    "direction": "W",
                    "transportMode": "Feeder"
                }
            ],
            "cutOffLocalDate": "2020-09-16 00:00",
            "estimatedTransitTimeInDays": 21,
            "etaAtFnd": "2020-10-07 22:00",
            "etdAtPor": "2020-09-16 11:00",
            "serviceCode": "PMX",
            "vesselName": "GREENWICH BRIDGE",
            "direction": "W",
            "voyageNo": "126",
            "signature": "d8682e7a4f71380c45016c48a1d8a997"
        }
    ],
    "number": 1,
```

```
        "size": 20,
        "totalElements": 2,
        "totalPage": 1,
        "totalPages": 1,
        "first": true,
        "last": true,
        "empty": false
    }
}
```

6. Error sample

```
{
    "code": 20000,
    "message": "cannot identify the user, please contact support for help"
}

{
    "code": 20043,
    "message": "Cross Booking inventory invalid"
}
```

7. Error Code Specification

Please refer to the [General Error Codes](#General Error Codes) .

Cross Booking Booking Interface

1. Information

- **Path**: `/service/synconhub/crossBooking/shipment/new`
- **Method**: POST

2. Request parameters

Name	Type	Required	Description	Remarks
contractNumber	String	yes	contract number	
inventoryId	String	yes	the inventory Id of the contract No.	

Name	Type	Required	Description	Remarks
cargoNature	String	no	cargo nature, e.g.: GC, RF, DG, AW. Currently only GC is supported	**default**: GC
channelCode	String	no		**default**: GENERAL
bookingContainers	Object	yes	booking container type and quantity	
|---cntrType	String	yes		**optional value:** 20GP,40GP,40HQ,45HQ
|---quantity	Integer	yes		**min**: 1
bookingParties	Object	yes	booking parties info	
|---name	String	yes		**length**: [1, 70], **English characters**
|---addressLine1	String	no	country / region / province / city	**addressline1 / addressline2 and addressText must be filled in one,length**: [1, 35], **English characters**
|---addressLine2	String	no	street name	**addressline1 / addressline2 and addressText must be filled in one,length**: [1, 35], **English characters**
|---addressText	String	no	additional address	**addressline1 / addressline2 and addressText must be filled in one,length**: [1, 1200], **English characters**
|---phone	String	yes		**length**: [1, 22]
|---email	String	no		**length**: [1, 400]

Name	Type	Required	Description	Remarks
forwarderInfo	Object	no	forwarder info	
|---name	String	yes		**length**: [1, 70], **English characters**
|---addressLine1	String	no	country / region / province / city	**addressline1 / addressline2 and addressText must be filled in one,length**: [1, 35], **English characters**
|---addressLine2	String	no	street name	**addressline1 / addressline2 and addressText must be filled in one,length**: [1, 35], **English characters**
|---addressText	String	no	additional address	**addressline1 / addressline2 and addressText must be filled in one,length**: [1, 1200], **English characters**
|---phone	String	yes		**length**: [1, 22]
|---email	String	no		**length**: [1, 400]
shipperInfo	Object	no	shipper info	
|---name	String	yes		**length**: [1, 70], **English characters**
|---addressLine1	String	no	country / region / province / city	**addressline1 / addressline2 and addressText must be filled in one,length**: [1, 35], **English characters**
|---addressLine2	String	no	street name	**addressline1 / addressline2 and addressText must be filled in one,length**: [1, 35], **English characters**

Name	Type	Required	Description	Remarks
|---addressText	String	no	additional address	**addressline1 / addressline2 and addressText must be filled in one,length**: [1, 1200], **English characters**
|---phone	String	yes		**length**: [1, 22]
|---email	String	no		**length**: [1, 400]
consigneeInfo	Object	no	consignee info	
|---name	String	yes		**length**: [1, 70], **English characters**
|---addressLine1	String	no	country / region / province / city	**addressline1 / addressline2 and addressText must be filled in one,length**: [1, 35], **English characters**
|---addressLine2	String	no	street name	**addressline1 / addressline2 and addressText must be filled in one,length**: [1, 35], **English characters**
|---addressText	String	no	additional address	**addressline1 / addressline2 and addressText must be filled in one,length**: [1, 1200], **English characters**
|---phone	String	yes		**length**: [1, 22]
|---email	String	no		**length**: [1, 400]
notifyPartyInfo	Object	no	notify party info	
|---name	String	yes		**length**: [1, 70], **English characters**

Name	Type	Required	Description	Remarks
|---addressLine1	String	no	country / region / province / city	**addressline1 / addressline2 and addressText must be filled in one,length**: [1, 35], **English characters**
|---addressLine2	String	no	street name	**addressline1 / addressline2 and addressText must be filled in one,length**: [1, 35], **English characters**
|---addressText	String	no	additional address	**addressline1 / addressline2 and addressText must be filled in one,length**: [1, 1200], **English characters**
|---phone	String	yes		**length**: [1, 22]
|---email	String	no		**length**: [1, 400]
emergencyContactInfo	Object	yes	emergency contact info	
|---name	String	no		**length**: [0, 60], **English characters**
|---address	String	no		**length**: [0, 245], **English characters**
|---mobile	String	no		**length**: [0, 15]
|---phone	String	no		**length**: [0, 22]
|---email	String	yes		**length**: [1, 35]
scheduleData	Object	yes	schedule info	Please copy the scheduled date information from the Cross Booking Schedule Query Interface return result
cargoInfo	Object	yes	cargo info	

Name	Type	Required	Description	Remarks
|---desc	String	yes	cargo name	**length**: [1, 60], **English characters**
|---packageType	String	yes		
|---quantity	Integer	yes		
|---weight	Decimal	yes		**unit**: KG
|---volume	Decimal	yes		**unit**: m^3
|---remarks	String	no		**length**: [0,1000],**English characters**
referenceNo	String	no	additional reference number	
remarks	String	no		

3. Request sample

```
{
    "inventoryId": "8a5e110e7494c338017494d22fc00009", // the inventory Id of
the contract No.
    "contractNumber": "ATE20001",
    "cargoNature": "GC",
    "channelCode": "GENERAL",
    "bookingContainers": [
      {
        "cntrType": "40GP",
        "quantity": 1
      }
    ],
    // The scheduleData field information is for reference only, please
select and copy it from the  Cross Booking Schedule Query Interface result as
the value
    "scheduleData": {
      "origin": {
        "id": "738872886232873",
        "unlocode": "CNSHA",
        "cityName": "Shanghai",
        "cntyName": "Shanghai",
        "stateName": "Shanghai",
        "stateCode": "SH",
        "cityFullNameEn": "Shanghai",
```

```json
      "cityFullNameCn": "上海",
      "ctryRegionName": "China",
      "ctryRegionCode": "CN"
    },
    "destination": {
      "id": "738872886233842",
      "unlocode": "PKKAR",
      "cityName": "Karachi",
      "cntyName": null,
      "stateName": "Sindh",
      "stateCode": null,
      "cityFullNameEn": "Karachi",
      "cityFullNameCn": "卡拉奇",
      "ctryRegionName": "Pakistan",
      "ctryRegionCode": "PK"
    },
    "porFacilityCode": "SHA04",
    "fndFacilityCode": "KHI02",
    "legs": [
      {
        "carrier": null,
        "service": {
          "serviceCode": "PMX",
          "serviceId": null
        },
        "vessel": {
          "vesselName": "OOCL AMERICA",
          "vesselId": null,
          "vesselCode": "RMJ"
        },
        "voyageCode": "035",
        "internalVoyageNumber": "035",
        "externalVoyageNumber": "035N",
        "pol": {
          "port": {
            "id": "349657045012458",
            "portName": "Shanghai",
            "portCode": "SHA",
            "portFullNameEn": "Shanghai",
            "portFullNameCn": "上海",
            "city": null
          },
          "etd": "2020-09-16 11:00",
          "atd": null,
          "eta": "2020-09-15 13:00",
          "ata": null,
          "facilityCode": "SHA04"
        },
```

```json
          "pod": {
            "port": {
              "id": "349645770723431",
              "portName": "Karachi",
              "portCode": "KHI",
              "portFullNameEn": "Karachi",
              "portFullNameCn": "Karachi",
              "city": null
            },
            "etd": "2020-10-07 20:00",
            "atd": null,
            "eta": "2020-10-05 22:00",
            "ata": null,
            "facilityCode": "KHI02"
          },
          "legSequence": 1,
          "direction": "W",
          "transportMode": "Feeder"
        }
      ],
      "cutOffLocalDate": "2020-09-16 00:00",
      "estimatedTransitTimeInDays": 21,
      "etaAtFnd": "2020-10-07 22:00",
      "etdAtPor": "2020-09-16 11:00",
      "serviceCode": "PMX",
      "vesselName": "OOCL AMERICA",
      "direction": "N",
      "voyageNo": "035",
      "signature": "2c9fbad696f7a0c4ffcaef2325621c75" // the signature of the
scheduled data, which is to identify the schedule data is from the official
provider.
    },
    "bookingParties": {
      "name": "TEST",
      "addressLine1": "CN",
      "addressLine2": "Room 507, Huale building, Shennan E",
      "phone": "4564654234",
      "email": ""
    },
    "forwarderInfo": {
      "name": "forwarderName",
      "addressLine1": "Shenzhen",
      "addressLine2": "ZHUHAIXIANGZHOU",
      "phone": "+8618355556666",
      "email": ""
    },
    "shipperInfo": {
      "name": "shipper",
```

```
      "addressLine1": "Shenzhen",
      "addressLine2": "ZHUHAIXIANGZHOU",
      "phone": "+86112223311",
      "email": ""
    },
    "consigneeInfo": {
      "name": "consignee",
      "addressLine1": "SHANGHAI",
      "addressLine2": "SHANGHAIPUDONG",
      "phone": "+86112223311",
      "email": ""
    },
    "notifyPartyInfo": {
      "name": "notifyParty",
      "addressLine1": "SHANGHAI",
      "addressLine2": "SHANGHAIPUDONG",
      "phone": "+86112223311",
      "email": ""
    },
    "emergencyContactInfo": {
      "name": "",
      "email": "test@test.COM",
      "mobile": "",
      "phone": "",
      "address": ""
    },
    "cargoInfo": {
      "desc": "ASD",
      "packageType": "JL",
      "packageTypeName": "JUMBO ROLL",
      "quantity": 1,
      "weight": 324,
      "volume": 43,
      "remarks": ""
    },
    "remarks": "ASD"
  }
```

4. Response parameters

Name	Description
code	status code
message	detail message
data	return booking request number

5. Response sample

```json
{
    "code": 0,
    "message": "",
    "data": {
        "brNo": "4880701060"
    }
}
```

6. Error sample

```json
{
    "code": 20000,
    "message": "cannot identify the user, please contact support for help"
}

{
    "code": 20044,
    "message": "Cross Booking wrong shipping date information"
}

{
    "code": 20045,
    "message": "Cross Booking insufficient stock"
}

{
    "code": 20046,
    "message": "Cross Booking cargo container not found"
}
```

7. Error Code Specification

Please refer to the [General Error Codes](#General Error Codes) .

Cross Booking History Query Interface

1. Information

- **Path**: `/service/synconhub/crossBooking/shipment/search`
- **Method**: POST

2. Request parameters

Name	Type	Required	Description	Remarks
bookingStatus	String	no	status	booking status, e.g.: NEW, CONFIRMED, CANCELLED
brNo	String	no	booking request number	
bookingTimeFrom	ISODate	no	booking date range	ISO format in GMT by default, like: '2020-07-20T08:00:00.000Z'
bookingTimeTo	ISODate	no	booking date range	ISO format in GMT by default, like: '2020-07-20T08:00:00.000Z'
contractNo	String	no	contract number	
pol	String	no	pol port id	
por	String	no	por city id	
fnd	String	no	fnd city id	
page	Integer	no	page number	**default:** 1,**min:** 1
size	Integer	no	page size	**default:** 20, **range:** [1, 50]

3. Request sample

```
{
    "bookingStatus":"",
    "brNo":"4880701100",
    "bookingTimeFrom":"2020-08-15T00:00:00.000Z",
    "bookingTimeTo":"2020-08-31T23:23:59.999Z",
    "contractNo":"",
    "pol":"",
    "por":"",
    "fnd":"",
    "page":"1",
    "size":"30"
}
```

4. Response parameters

Name	Description
code	status code
message	detail message
data	pagination to return crossBooking history information that meets the query condition.(sorted by week number)

5. Response sample

```
{
    "code": 0,
    "message": "",
    "data": {
        "content": [
            {
                "brNo": "4880701100",
                "bookingStatus": "NEW",
                "contractNo": "ATE20001",
                "scheduleData": "{\"cutOffLocalDate\":\"2020-09-16
00:00\",\"destination\":{\"cityFullNameCn\":\"卡拉奇
\",\"cityFullNameEn\":\"Karachi\",\"cityName\":\"Karachi\",\"id\":\"738872886
233842\",\"stateName\":\"Sindh\",\"unlocode\":\"PKKAR\"},\"direction\":\"W\",
\"estimatedTransitTimeInDays\":21,\"etaAtFnd\":\"2020-10-07
22:00\",\"etdAtPor\":\"2020-09-16
11:00\",\"fndFacilityCode\":\"KHI03\",\"legs\":
[{\"direction\":\"W\",\"externalVoyageNumber\":\"126W\",\"internalVoyageNumbe
r\":\"126\",\"legSequence\":1,\"pod\":{\"eta\":\"2020-10-07
22:00\",\"etd\":\"2020-10-08 22:00\",\"facilityCode\":\"KHI03\",\"port\":
{\"id\":\"349645770723431\",\"portCode\":\"KHI\",\"portFullNameCn\":\"Karachi
\",\"portFullNameEn\":\"Karachi\",\"portName\":\"Karachi\"},\"portId\":\"3496
45770723431\"},\"pol\":{\"eta\":\"2020-09-15 13:00\",\"etd\":\"2020-09-16
11:00\",\"facilityCode\":\"SHA04\",\"port\":
{\"id\":\"349657045012458\",\"portCode\":\"SHA\",\"portFullNameCn\":\"上海
\",\"portFullNameEn\":\"Shanghai\",\"portName\":\"Shanghai\"},\"portId\":\"34
9657045012458\"},\"service\":
{\"serviceCode\":\"PMX\"},\"transportMode\":\"Feeder\",\"vessel\":
{\"vesselCode\":\"SRL\",\"vesselName\":\"GREENWICH
BRIDGE\"},\"voyageCode\":\"126\"}],\"origin\":{\"cityFullNameCn\":\"上海
\",\"cityFullNameEn\":\"Shanghai\",\"cityName\":\"Shanghai\",\"cntyName\":\"S
hanghai\",\"id\":\"738872886232873\",\"stateCode\":\"SH\",\"stateName\":\"Sha
nghai\",\"unlocode\":\"CNSHA\"},\"porFacilityCode\":\"SHA04\",\"serviceCode\"
:\"PMX\",\"vesselName\":\"GREENWICH BRIDGE\",\"voyageNo\":\"126\"}",
                "weekNo": "202037",
                "createTime": "2020-09-29T08:12:06.759Z"
            }
```

```
        ],
        "number": 1,
        "size": 20,
        "totalElements": 1,
        "totalPage": 1,
        "totalPages": 1,
        "first": true,
        "last": true,
        "empty": false
    }
}
```

6. Error sample

```
{
    "code": 20000,
    "message": "cannot identify the user, please contact support for help"
}


{
    "code": 20040,
    "message": "The page size must be greater than 0"
}


{
    "code": 20041,
    "message": "The page size should be between 0 and 30."
}


{
    "code": 20042,
    "message": "Parameter verification error"
}
```

7. Error Code Specification

Please refer to the [General Error Codes](#General Error Codes) .

Cross Booking History Detail Query Interface

1. Information

- **Path**: `/service/synconhub/crossBooking/shipment/{brNo}`
- **Method**: GET

2. Request parameters

Name	Type	Required	Description	Remarks
brNo	String	yes	booking request number	

3. Request sample

```
GET `/service/synconhub/crossBooking/shipment/4880701060`
```

4. Response parameters

Name	Description
code	status code
message	detail message
data	return crossBooking history detail information that meets the query condition. (sorted by week number)

5. Response sample

```
{
    "code": 0,
    "message": "",
    "data": {
        "contractNo": "ATE20001",
        "brNo": "4880701060",
        "remarks": "ASD",
        "cargoNature": "GC",
        "routeSchedule": {
            "origin": {
                "id": "738872886232873",
                "unlocode": "CNSHA",
                "cityName": "Shanghai",
                "cntyName": "Shanghai",
                "stateName": "Shanghai",
                "stateCode": "SH",
                "cityFullNameEn": "Shanghai",
                "cityFullNameCn": "上海",
                "ctryRegionName": null,
                "ctryRegionCode": null
            },
```

```json
            "destination": {
                "id": "738872886233842",
                "unlocode": "PKKAR",
                "cityName": "Karachi",
                "cntyName": null,
                "stateName": "Sindh",
                "stateCode": null,
                "cityFullNameEn": "Karachi",
                "cityFullNameCn": "卡拉奇",
                "ctryRegionName": null,
                "ctryRegionCode": null
            },
            "porFacilityCode": "SHA04",
            "fndFacilityCode": "KHI02",
            "legs": [
                {
                    "carrier": null,
                    "service": {
                        "serviceCode": "PMX",
                        "serviceId": null
                    },
                    "vessel": {
                        "vesselName": "OOCL AMERICA",
                        "vesselId": null,
                        "vesselCode": "RMJ"
                    },
                    "voyageCode": "035",
                    "internalVoyageNumber": "035",
                    "externalVoyageNumber": "035N",
                    "pol": {
                        "port": {
                            "id": "349657045012458",
                            "portName": "Shanghai",
                            "portCode": "SHA",
                            "portFullNameEn": "Shanghai",
                            "portFullNameCn": "上海",
                            "city": null
                        },
                        "etd": "2020-09-16 11:00",
                        "atd": null,
                        "eta": "2020-09-15 13:00",
                        "ata": null,
                        "facilityCode": "SHA04"
                    },
                    "pod": {
                        "port": {
                            "id": "349645770723431",
                            "portName": "Karachi",
```

```json
                              "portCode": "KHI",
                              "portFullNameEn": "Karachi",
                              "portFullNameCn": "Karachi",
                              "city": null
                        },
                        "etd": "2020-10-07 20:00",
                        "atd": null,
                        "eta": "2020-10-05 22:00",
                        "ata": null,
                        "facilityCode": "KHI02"
                  },
                  "legSequence": 1,
                  "direction": "W",
                  "transportMode": "Feeder"
            }
      ],
      "cutOffLocalDate": null,
      "estimatedTransitTimeInDays": 0,
      "etaAtFnd": null,
      "etdAtPor": null,
      "serviceCode": "PMX",
      "vesselName": "OOCL AMERICA",
      "direction": "N",
      "voyageNo": "035",
      "signature": null
},
"bookingContainerList": [
      {
            "bookingNo": null,
            "status": null,
            "cntrType": "40GP",
            "count": 0
      }
],
"bookingParties": [
      {
            "name": "CHENGYUNREN",
            "addressLine1": "Shenzhen",
            "addressLine2": "ZHUHAIXIANGZHOU",
            "phone": "+86112223311",
            "email": null
      },
      {
            "name": "TONGZHIREN",
            "addressLine1": "SHANGHAI",
            "addressLine2": "SHANGHAIPUDONG",
            "phone": "+86112223311",
            "email": null
```

```
        },
        {
            "name": "alibaba",
            "addressLine1": "CN",
            "addressLine2": "Room 507, Huale building, Shennan E",
            "phone": "4564654234",
            "email": null
        },
        {
            "name": "SHOUHUOREN",
            "addressLine1": "SHANGHAI",
            "addressLine2": "SHANGHAIPUDONG",
            "phone": "+86112223311",
            "email": null
        }
    ],
    "cargoInfoDTO": {
        "desc": "ASD",
        "packageType": "JL",
        "quantity": 1,
        "weight": 324,
        "volume": 43,
        "remarks": null
    },
    "emergencyContactInfo": {
        "name": null,
        "email": "TEST@TEST.COM",
        "mobile": null,
        "phone": null,
        "address": null
    }
  }
}
```

6. Error sample

```
{
    "code": 20000,
    "message": "cannot identify the user, please contact support for help"
}
```

7. Error Code Specification

Please refer to the [General Error Codes](#General Error Codes) .

General Error Codes

- 20000: "cannot identify the user, please contact support for help"
- 20001: "The system cannot process the request,please try again or contact support for help"
- 20002: "The product cannot be found"
- 20003: "Inventory not enough"
- 20004: "Out of time"
- 20005: "Invalid box type"
- 20006: "Order does not exist"
- 20007: "Inventory of this product could not be found"
- 20008: "Promotion inventory in short supply"
- 20009: "Coupon for this order could not be found"
- 20010: "The number of coupons available is smaller than the number of coupons available for the order"
- 20011: "Discount plan inventory shortage or price change, please place a new order"
- 20012: "Invalid parameter, promotion plan verification failed"
- 20013: "Insured service does not exist or has expired, please re-order"
- 20014: "Some charges not allowed to change currency"
- 20015: "Down payment is not allowed"
- 20016: "All charges of Instance Booking have to be paid online"
- 20017: "No currency conversion is allowed for the order fee"
- 20018: "Only customers in Mainland China are allowed to purchase Instance Booking"
- 20019: "Wrong order product type"
- 20020: "Some fees only support CNY or USD"
- 20021: "Company country/region is different from country/region of POR or FND, purchase is not allowed"
- 20022: "The down payment ratio must be greater than 0"
- 20023: "Does not meet the minimum down payment percentage range"
- 20024: "Does not meet the maximum down payment percentage range"
- 20025: "The order is missing some necessary cost items"
- 20026: "The product type of the order can only be I or P"
- 20027: "The payment method for part of the order is wrong"
- 20028: "Some cost items are missing to prepaid attributes"
- 20029: "Online collect payment not support partial payment for now"
- 20030: "There are invalid charges, please place a new order"
- 20031: "Coupon overuse"
- 20032: "System charge item pre-paid configuration error, please contact customer service for processing"

- 20033: "Due to the system configuration, some fees are not allowed to be paid in USD or to switch to pre-paid, please contact the customer service for processing"
- 20034: "Dear user, this product is no longer available, please contact customer service"
- 20035: "Online payment cannot include both prepaid and collect-paid, please contact customer service for processing"
- 20036: "The quantity of BL should be greater that 1"
- 20037: "Unable to purchase this product for now, please contact customer service for processing"
- 20038: "Incorrect product information, please contact customer service for processing"
- 20039: "This payment method is not currently supported, please contact customer service for processing"
- 20040: "The page size must be greater than 0"
- 20041: "The page size should be between 0 and 30."
- 20042: "Parameter verification error"
- 20043: "Cross Booking invalid inventory"
- 20044: "Cross Booking wrong shipping date information"
- 20045: "Cross Booking insufficient stock"
- 20046: "Cross Booking cargo container not found"
- 20047: "This cargo nature type is not supported at the moment, please contact customer service"
- 20048:"Failed to get enterprise information"
- 20049:"Order query only supports data query within two months"
- 20051:"Sorry for system busy, please try again later"
- 20053:"CrossBooking schedule information LTD is wrong"
- 20054: "Address cannot be empty"
- 20055: "Sub-company carrier customer code out of scope."
- 20056: "The TEU purchase limit for the week in which the product is sold is insufficient"
- 20057: "CrossBooking contract number does not exist"
- 20058: "CrossBooking start week cannot be earlier than the current four weeks"
- 20059: "API booking cannot purchase FMC products"
- 20060: "Permission denied"
- 20061: "CosPlus | product booking must fill in all shipping related party information"
- 20062: "Wrong import and export type of intermodal service"
- 20063: "The intermodal service does not exist"
- 20064: "Can't find the city"
- 20066: "Some container types do not support intermodal service"
- 20067: "The intermodal service fee is charged by weight, and the estimated cargo weight of the box type is required"
- 20068: "The estimated weight of the container is not in the optional range, please re-order"

- 20070: "CosPlus | Shipper or consignee of shipping related party filled in the product booking is illegal."
- 20072: "API cannot purchase this type of product"
- 20073: "Charge Type:xxx,ChargeName:xxx cannot be set to Collect"
- 20074: "The long-term product does not exist"
- 20075: "The long-term product is off-shelf"
- 20076: "Insufficient amount of available containers"
- 20077: "It is not the time allowed for booking"
- 20078: "Ocean charge cannot do prepaid-collect switch"
- 20079: "The reefer value-added service does not exist or has expired"
- 20080: "The reefer value-added service type is incorrect"
- 20081: "The value of a single box of goods is more than US $500,000, please buy offline, the online process is not supported"
- 20082: "When MED are selected for reefer value-added services, the cargoValue is required"
- 20083: "You cannot choose more than one cold box value-added service other than IOT"
- 20084: "cargoInfo.reeferGenSetType cannot be empty"
- 20085: "cargoInfo.reeferTemperatureType and cargoInfo.reeferTemperatureValue cannot be empty"
- 20086: "Ventilation Settings cannot be added when the reefer temperature is less than 0 C or 32 F"
- 20087: "Ventilation setting must be added when the reefer temperature is ≥0°C or ≥32°F"