

COSCO Syncon Hub API Specification for Spot Rate v2 - Collect

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Update Logs

v2.0.0 (2021-08-07)

1. **A** Added the API spot Rate v2 collect interface.

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

Spot Rate Query Interface v2

1. Informations

- **Path:** /service/synconhub/product/general/search
- **Method:** POST

2. Request parameters

Name	Type	Required	Description	Remarks
startDate	ISODate	yes	the start date of sailing date scope	
endDate	ISODate	no	the end of Sailing date scope	
porCityId	string	yes	por city id	
fndCityId	string	yes	fnd city id	
page	integer	yes	page size	default:1, minimum:1
size	integer	yes	record size	default:20, range:[1, 50]

3. Request sample

```
{
  "startDate": "2021-06-01T00:00:00.000Z",
  "endDate": "2021-07-30T00:00:00.000Z",
  "fndCityId": "738872886233842",
  "porCityId": "738872886232873",
  "page": 1,
  "size": 20
}
```

4. Response parameters

Name	Description
code	status code
message	detail message
data	pagination to return product information that meets the query conditions. (sorted by ETD by default)

5. Response sample

```
{
  "code": 0,
  "message": "",
  "data": {
    "content": [
      {
        "id": "8a80cb817321ad030173221c880101d2",
        "tradeLaneCode": "AEU",
        "serviceCode": "AEM5",
        "tradeArea": "ETD",
        "vesselName": "COSCO YANTIAN",
        "voyageNo": "020",
        "direction": "W",
        "porFacilityCode": null,
        "porFacilityName": null,
        "porFacilityNameCn": null,
        "fndFacilityName": null,
        "fndFacilityNameCn": null,
        "fndFacilityCode": null,
        "haulageType": "CY-CY",
        "isFmcProduct": false,
        "estimatedTransitTimeInDays": 30,
        "effectiveStartDate": "2021-07-05T00:00:00.000Z",
        "effectiveEndDate": "2021-12-23T23:59:59.000Z",
        "eta": "2021-09-07 00:00",
        "etd": "2021-08-04 00:00",
        "inventory": 717,
        "polTsMode": null, // pol transit mode
        "podTsMode": null, // pod transit mode
        "porCity": { // por city info, for the specific structure, please
          refer to 'City information query interface'
          "id": "738872886233044",
          "unlocode": "CNSHE",

```

```

        "cityName": "Shekou",
        "cntyName": "Shenzhen",
        "stateName": "Guangdong",
        "stateCode": "GD",
        "ctryRegionName": "China",
        "ctryRegionCode": "CN",
        "cityFullNameEn": "Shekou",
        "cityFullNameCn": "蛇口"
    },
    "fndCity": {
        "id": "738872886271836",
        "unlocode": "ZADUR",
        "cityName": "Durban",
        "cntyName": null,
        "stateName": "Kwazulu-Natal",
        "stateCode": null,
        "ctryRegionName": "South Africa",
        "ctryRegionCode": "ZA",
        "cityFullNameEn": "Durban",
        "cityFullNameCn": "德班"
    },
    "polPort": {
        "id": "349645770723389",
        "portName": "Shekou",
        "portCode": "SHK",
        "portFullNameEn": "Shekou",
        "portFullNameCn": "蛇口",
        "city": {
            "id": "738872886233044",
            "unlocode": "CNSHE",
            "cityName": "Shekou",
            "cntyName": "Shenzhen",
            "stateName": "Guangdong",
            "stateCode": "GD",
            "ctryRegionName": "China",
            "ctryRegionCode": "CN",
            "cityFullNameEn": "Shekou",
            "cityFullNameCn": "蛇口"
        }
    },
    "podPort": {
        "id": "349647918206992",
        "portName": "Durban",
        "portCode": "DUR",
        "portFullNameEn": "Durban",
        "portFullNameCn": "Durban",
        "city": {
            "id": "738872886271836",
            "unlocode": "ZADUR",
            "cityName": "Durban",
            "cntyName": null,
            "stateName": "Kwazulu-Natal",
            "stateCode": null,
            "ctryRegionName": "South Africa",
            "ctryRegionCode": "ZA",
            "cityFullNameEn": "Durban",
            "cityFullNameCn": "德班"
        }
    }
}

```

```
},
"firstPort": {
  "id": "349645770723389",
  "portName": "Shekou",
  "portCode": "SHK",
  "portFullNameEn": "Shekou",
  "portFullNameCn": "蛇口",
  "city": {
    "id": "738872886233044",
    "unlocode": "CNSHE",
    "cityName": "Shekou",
    "cntyName": "Shenzhen",
    "stateName": "Guangdong",
    "stateCode": "GD",
    "ctryRegionName": "China",
    "ctryRegionCode": "CN",
    "cityFullNameEn": "Shekou",
    "cityFullNameCn": "蛇口"
  }
},
"lastPort": {
  "id": "349647918206992",
  "portName": "Durban",
  "portCode": "DUR",
  "portFullNameEn": "Durban",
  "portFullNameCn": "Durban",
  "city": {
    "id": "738872886271836",
    "unlocode": "ZADUR",
    "cityName": "Durban",
    "cntyName": null,
    "stateName": "KwaZulu-Natal",
    "stateCode": null,
    "ctryRegionName": "South Africa",
    "ctryRegionCode": "ZA",
    "cityFullNameEn": "Durban",
    "cityFullNameCn": "德班"
  }
},
"scheduleData": {
  "origin": {
    "id": "738872886233044",
    "unlocode": "CNSHE",
    "cityName": "Shekou",
    "cntyName": "Shenzhen",
    "stateName": "Guangdong",
    "stateCode": "GD",
    "ctryRegionName": "China",
    "ctryRegionCode": "CN",
    "cityFullNameEn": "Shekou",
    "cityFullNameCn": "蛇口"
  },
  "destination": {
    "id": "738872886271836",
    "unlocode": "ZADUR",
    "cityName": "Durban",
    "cntyName": null,
    "stateName": "KwaZulu-Natal",
```

```

        "stateCode": null,
        "ctryRegionName": "South Africa",
        "ctryRegionCode": "ZA",
        "cityFullNameEn": "Durban",
        "cityFullNameCn": "德班"
    },
    "porFacilityCode": null,
    "fndFacilityCode": null,
    "legs": [
        {
            "carrier": null,
            "service": {
                "serviceCode": "AEM5",
                "serviceId": null
            },
            "vessel": {
                "vesselName": "COSCO YANTIAN",
                "vesselId": null,
                "vesselCode": null
            },
            "voyageCode": null,
            "internalVoyageNumber": "020",
            "externalVoyageNumber": "020W",
            "pol": {
                "port": {
                    "id": "349645770723389",
                    "portName": "Shekou",
                    "portCode": "SHK",
                    "portFullNameEn": "Shekou",
                    "portFullNameCn": "蛇口",
                    "city": null
                },
                "etd": "2021-08-04 00:00",
                "atd": null,
                "eta": null,
                "ata": null,
                "facilityCode": null
            },
            "pod": {
                "port": {
                    "id": "349647918206992",
                    "portName": "Durban",
                    "portCode": "DUR",
                    "portFullNameEn": "Durban",
                    "portFullNameCn": "Durban",
                    "city": null
                },
                "etd": null,
                "atd": null,
                "eta": "2021-09-07 00:00",
                "ata": null,
                "facilityCode": null
            },
            "legSequence": 0,
            "direction": "W",
            "transportMode": null
        }
    ],

```

```

        "cutOffLocalDate": null,
        "estimatedTransitTimeInDays": 30,
        "etaAtFnd": "2021-09-07 00:00",
        "etdAtPor": "2021-08-04 00:00",
        "serviceCode": "AEM5",
        "vesselName": "COSCO YANTIAN",
        "direction": "W",
        "voyageNo": "020"
    },
    "routeProductPricingList": [
        {
            "cntrType": "20GP",
            "price": 2.00,
            "tradePrice": 0.50, //tradePrice = price - promotions -
discounts
            "currency": "USD"
        }
    ],
    // If ocean charge switch to collect payment, would need add
collect payment charge
    "collectExtraCharges": [
        {
            "cntrType": "20GP",
            "price": 20,
            "currency": "USD"
        },
        {
            "cntrType": "40HQ",
            "price": 40,
            "currency": "USD"
        },
        {
            "cntrType": "40GP",
            "price": 45,
            "currency": "USD"
        }
    ],
    "promotions": {
        "detail": [
            {
                "promotionType": "OFF",
                "remnantInventory": 40,
                "summary": "订单下箱型20GP、40GP、40HQ每UNIT立减1USD。",
                "priority": 1
            }
        ]
    },
    "companyDiscountsInfoDTO": [
        {
            "channelCntr": "20GP",
            "amount": 0.5,
            "currencyType": "USD"
        }
    ]
},
"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"
}

```

Intermodal Service Query Interface v2

1. Informations

- **Path:** /service/synconhub/common/intermodalService/general/{productId}
- **Method:** GET

2. Path parameters

Name	Type	Required	Description
productId	string	yes	product id

3. Request sample

```

GET
/service/synconhub/common/intermodalService/general/8a5e11157351b2df01735562622a0000

```

4. Response parameters

Name	Description
code	status code
message	detail message
data	response data

5. Response sample

```

{
  "code": 0,
  "message": "",
  "data": {
    "loadingServices": [ // loading port list
      {

```



```

"transshipmentModel": "TRUCK+RAIL", // Transport way eg:
['FEEDER','RAIL','TRUCK','BARGE','TRUCK+RAIL']
"cityUUID": "738872886232847",
"cityFullName": "青岛",
"cityFullNameEn": "Qingdao",
"ctryCode": "CN",
"facilityCode": null,
"facilityName": null,
"bound": "O", // bound type,loading->O , discharge->I
"transportTerms": "CY", // Traffic Mode
"bargeDay": 3,
"transitDay": 4,
"isFollowOceanFee": true, // payment terms follow ocean fee
payment terms
"containerInfoDTOList": [ // Supported cntr type and weight
config
{
    "cntrSizeType": "20GP",
    "cntrPrice": 100,
    "currencyType": "USD",
    "paymentTerms": "P",
    "minWeight": null,
    "maxWeight": null,
    "weightUnit": null
},
{
    "cntrSizeType": "20GP",
    "cntrPrice": 150,
    "currencyType": "USD",
    "paymentTerms": "C",
    "minWeight": null,
    "maxWeight": null,
    "weightUnit": null
},
{
    "cntrSizeType": "40GP",
    "cntrPrice": 300,
    "currencyType": "USD",
    "paymentTerms": "P",
    "minWeight": null,
    "maxWeight": null,
    "weightUnit": null
},
{
    "cntrSizeType": "40GP",
    "cntrPrice": 320,
    "currencyType": "USD",
    "paymentTerms": "C",
    "minWeight": null,
    "maxWeight": null,
    "weightUnit": null
},
{
    "cntrSizeType": "40HQ",
    "cntrPrice": 300,
    "currencyType": "USD",
    "paymentTerms": "P",
    "minWeight": null,

```

```

        "maxWeight": null,
        "weightUnit": null
    },
    {
        "cntrSizeType": "40HQ",
        "cntrPrice": 320,
        "currencyType": "USD",
        "paymentTerms": "C",
        "minWeight": null,
        "maxWeight": null,
        "weightUnit": null
    }
],
    "intermodalServiceNo": "8a5e112478d41b380178d951babe0032" //
intermodal ServiceNo
},
{
    "transshipmentModel": "RAIL",
    "cityUUID": "738872886232873",
    "cityFullName": "上海",
    "cityFullNameEn": "Shanghai",
    "ctryCode": "CN",
    "facilityCode": "NGB05",
    "facilityName": "Ningbo Yuandong Terminals Limited",
    "bound": "O",
    "transportTerms": "CY",
    "bargeDay": 2,
    "transitDay": 3,
    "isFollowOceanFee": false, // payment terms follow ocean fee
payment terms
    "containerInfoDTOList": [
        {
            "cntrSizeType": "20GP",
            "cntrPrice": 100,
            "currencyType": "USD",
            "paymentTerms": "P",
            "minWeight": null,
            "maxWeight": null,
            "weightUnit": null
        },
        {
            "cntrSizeType": "40GP",
            "cntrPrice": 200,
            "currencyType": "USD",
            "paymentTerms": "P",
            "minWeight": null,
            "maxWeight": null,
            "weightUnit": null
        },
        {
            "cntrSizeType": "40HQ",
            "cntrPrice": 200,
            "currencyType": "USD",
            "paymentTerms": "P",
            "minWeight": null,
            "maxWeight": null,
            "weightUnit": null
        }
    ],

```

```

        {
            "cntrSizeType": "20GP",
            "cntrPrice": 125,
            "currencyType": "USD",
            "paymentTerms": "C",
            "minWeight": null,
            "maxWeight": null,
            "weightUnit": null
        },
        {
            "cntrSizeType": "40GP",
            "cntrPrice": 230,
            "currencyType": "USD",
            "paymentTerms": "C",
            "minWeight": null,
            "maxWeight": null,
            "weightUnit": null
        },
        {
            "cntrSizeType": "40HQ",
            "cntrPrice": 230,
            "currencyType": "USD",
            "paymentTerms": "C",
            "minWeight": null,
            "maxWeight": null,
            "weightUnit": null
        }
    ],
    "intermodalServiceNo": "8a5e112478d41b380178d946dac1001c"
},
{
    "transshipmentModel": "TRUCK",
    "cityUUID": "738872886232847",
    "cityFullName": "青岛",
    "cityFullNameEn": "Qingdao",
    "ctryCode": "CN",
    "facilityCode": null,
    "facilityName": null,
    "bound": "O",
    "transportTerms": "CY",
    "bargeDay": 2,
    "transitDay": 4,
    "isFollowOceanFee": false, // payment terms follow ocean fee
    "containerInfoDTOList": [
        // If cargo weight information is configured, The same cntr
        // type will have multiple data
        {
            "cntrSizeType": "20GP",
            "cntrPrice": 100,
            "currencyType": "USD",
            "paymentTerms": "P",
            "minWeight": 0, // min cargo weight
            "maxWeight": 20, // max cargo weight
            "weightUnit": "TON" // weight unit eg: "TON"
        },
        // If the weight of the cargo is between 0-20 tons, the
        // loading service fee is 100 USD
    ],

```

```

        {
            "cntrSizeType": "20GP",
            "cntrPrice": 150,
            "currencyType": "USD",
            "paymentTerms": "P",
            "minweight": 20,
            "maxweight": 40,
            "weightUnit": "TON"
            // If the weight of the cargo is between 20-40 tons, the
loading service fee is 150 USD
        },
        {
            "cntrSizeType": "20GP",
            "cntrPrice": 200,
            "currencyType": "USD",
            "paymentTerms": "P",
            "minweight": 40,
            "maxweight": null,
            "weightUnit": "TON"
            // If the weight of the cargo is more than 40 tons, the
loading service fee is 100 USD
        },
        {
            "cntrSizeType": "40GP",
            "cntrPrice": 300,
            "currencyType": "USD",
            "paymentTerms": "P",
            "minweight": null,
            "maxweight": null,
            "weightUnit": "TON"
        },
        {
            "cntrSizeType": "40HQ",
            "cntrPrice": 300,
            "currencyType": "USD",
            "paymentTerms": "P",
            "minweight": null,
            "maxweight": null,
            "weightUnit": "TON"
        }
    ],
    "intermodalServiceNo": "8a5e112478d41b380178d9516714002b"
}
],
"dischargeservices": [ // discharge port list
{
    "transshipmentModel": "BARGE",
    "cityUUID": "738874496843873",
    "cityFullName": "Gwadar",
    "cityFullNameEn": "Gwadar",
    "ctryCode": "PK",
    "facilityCode": null,
    "facilityName": null,
    "bound": "I",
    "transportTerms": "FOR",
    "bargeDay": 19,
    "transitDay": 5,

```

```

        "isFollowOceanFee": false, // payment terms follow ocean fee
        payment terms
        "containerInfoDTOList": [
            {
                "cntrSizeType": "20GP",
                "cntrPrice": 300,
                "currencyType": "USD",
                "paymentTerms": "P",
                "minWeight": null,
                "maxWeight": null,
                "weightUnit": null
            },
            {
                "cntrSizeType": "40GP",
                "cntrPrice": 400,
                "currencyType": "USD",
                "paymentTerms": "P",
                "minWeight": null,
                "maxWeight": null,
                "weightUnit": null
            },
            {
                "cntrSizeType": "40HQ",
                "cntrPrice": 400,
                "currencyType": "USD",
                "paymentTerms": "P",
                "minWeight": null,
                "maxWeight": null,
                "weightUnit": null
            }
        ],
        "intermodalServiceNo": "8a5e112478d41b380178d94e5a4e0026"
    }
}
]
}
}

```

6. Error sample

```

{
    "code": 20002,
    "message": "The product cannot be found"
}

```

Spot Rate Details Query Interface v2

1. Informations

- **Path:** /service/synconhub/product/general/{productId}
- **Method:** GET

2. Path parameters

Name	Type	Required	Description
productId	string	yes	product id

3. Query parameters

Name	Type	Required	Description
loadingServiceNo	String	no	intermodalServiceNo from intermodal service query results. Get the spot rate details with loading service
dischargeServiceNo	String	no	intermodalServiceNo from intermodal service query results. Get the spot rate details with discharge service

4. Request sample

```
GET /service/synconhub/product/general/8a5e11157351b2df01735562622a0000
```

```
GET /service/synconhub/product/general/8a5e11157351b2df01735562622a0000?  
loadingServiceNo=8a5e112478d41b380178d4551a33000a
```

```
GET /service/synconhub/product/general/8a5e11157351b2df01735562622a0000?  
loadingServiceNo=8a5e112478d41b380178d4551a33000a&dischargeServiceNo=8a5e112478c  
4eed60178c51cca9f0001
```

5. Response parameters

Name	Description
code	status code
message	detail message
data	product detail info

6. Response sample

```
{
  "code": 0,
  "message": "",
  "data": {
    "id": "8a5e11157351b2df01735562622a0000",
    "tradeLaneCode": "AEU",
    "serviceCode": "AEU2",
    "tradeArea": "ETD",
    "vesselName": "APL VANDA",
    "voyageNo": "022",
    "direction": "W",
    "porFacilityCode": "SHA08",
    "porFacilityName": "Shanghai Shengdong (I), Yangshan",
    "porFacilityNameCn": null,
    "fndFacilityName": "Eurogate Terminal",
    "fndFacilityNameCn": null,
    "fndFacilityCode": "HAM02",
    "haulageType": "CY-CY",
    "isFmcProduct": false,
    "estimatedTransitTimeInDays": 30,
    "effectiveStartDate": "2021-07-05T00:00:00.000Z",
    "effectiveEndDate": "2021-12-23T23:59:59.000Z",
    "eta": "2021-09-16 00:00",
    "etd": "2021-08-12 00:00",
    "inventory": 396,
    "polTsMode": null, // pol transit mode
    "podTsMode": null, // pod transit mode
    "porCity": { // por city info, for the specific structure, please refer
to 'City information query interface'
      "id": "738872886232873",
      "unlocode": "CNSHA",
      "cityName": "Shanghai",
      "cntyName": "Shanghai",
      "stateName": "Shanghai",
      "stateCode": "SH",
      "ctryRegionName": "China",
      "ctryRegionCode": "CN",
      "cityFullNameEn": "Shanghai",
      "cityFullNameCn": "上海"
    },
    "fndCity": {
      "id": "738872886254648",
      "unlocode": "DEHAM",
      "cityName": "Hamburg",
      "cntyName": null,
      "stateName": "Hamburg",
      "stateCode": "HH",
      "ctryRegionName": "Germany",
      "ctryRegionCode": "DE",
      "cityFullNameEn": "Hamburg",
      "cityFullNameCn": "汉堡"
    },
    "polPort": {
      "id": "349657045012458",
      "portName": "Shanghai",

```

```
"portCode": "SHA",
"portFullNameEn": "Shanghai",
"portFullNameCn": "上海",
"city": {
  "id": "738872886232873",
  "unlocode": "CNSHA",
  "cityName": "Shanghai",
  "cntyName": "Shanghai",
  "stateName": "Shanghai",
  "stateCode": "SH",
  "ctryRegionName": "China",
  "ctryRegionCode": "CN",
  "cityFullNameEn": "Shanghai",
  "cityFullNameCn": "上海"
},
"podPort": {
  "id": "349645770723600",
  "portName": "Hamburg",
  "portCode": "HAM",
  "portFullNameEn": "Hamburg",
  "portFullNameCn": "Hamburg",
  "city": {
    "id": "738872886254648",
    "unlocode": "DEHAM",
    "cityName": "Hamburg",
    "cntyName": null,
    "stateName": "Hamburg",
    "stateCode": "HH",
    "ctryRegionName": "Germany",
    "ctryRegionCode": "DE",
    "cityFullNameEn": "Hamburg",
    "cityFullNameCn": "汉堡"
  }
},
"firstPolPort": {
  "id": "349657045012458",
  "portName": "Shanghai",
  "portCode": "SHA",
  "portFullNameEn": "Shanghai",
  "portFullNameCn": "上海",
  "city": {
    "id": "738872886232873",
    "unlocode": "CNSHA",
    "cityName": "Shanghai",
    "cntyName": "Shanghai",
    "stateName": "Shanghai",
    "stateCode": "SH",
    "ctryRegionName": "China",
    "ctryRegionCode": "CN",
    "cityFullNameEn": "Shanghai",
    "cityFullNameCn": "上海"
  }
},
"lastPodPort": {
  "id": "349645770723600",
  "portName": "Hamburg",
  "portCode": "HAM",
```



```
"portFullNameEn": "Hamburg",
"portFullNameCn": "Hamburg",
"city": {
  "id": "738872886254648",
  "unlocode": "DEHAM",
  "cityName": "Hamburg",
  "cntyName": null,
  "stateName": "Hamburg",
  "stateCode": "HH",
  "ctryRegionName": "Germany",
  "ctryRegionCode": "DE",
  "cityFullNameEn": "Hamburg",
  "cityFullNameCn": "汉堡"
},
},
"scheduledData": {
  "origin": {
    "id": "738872886232873",
    "unlocode": "CNSHA",
    "cityName": "Shanghai",
    "cntyName": "Shanghai",
    "stateName": "Shanghai",
    "stateCode": "SH",
    "ctryRegionName": "China",
    "ctryRegionCode": "CN",
    "cityFullNameEn": "Shanghai",
    "cityFullNameCn": "上海"
  },
  "destination": {
    "id": "738872886254648",
    "unlocode": "DEHAM",
    "cityName": "Hamburg",
    "cntyName": null,
    "stateName": "Hamburg",
    "stateCode": "HH",
    "ctryRegionName": "Germany",
    "ctryRegionCode": "DE",
    "cityFullNameEn": "Hamburg",
    "cityFullNameCn": "汉堡"
  },
  "porFacilityCode": "SHA08",
  "fndFacilityCode": "HAM02",
  "legs": [
    {
      "carrier": null,
      "service": {
        "serviceCode": "AEU2",
        "serviceId": null
      },
      "vessel": {
        "vesselName": "APL VANDA",
        "vesselId": null,
        "vesselCode": null
      },
      "voyageCode": null,
      "internalVoyageNumber": "022",
      "externalVoyageNumber": "022W",
      "pol": {
```

```

        "port": {
            "id": "349657045012458",
            "portName": "Shanghai",
            "portCode": "SHA",
            "portFullNameEn": "Shanghai",
            "portFullNameCn": "上海",
            "city": null
        },
        "etd": "2021-08-12 00:00",
        "atd": null,
        "eta": null,
        "ata": null,
        "facilityCode": "SHA08"
    },
    "pod": {
        "port": {
            "id": "349645770723600",
            "portName": "Hamburg",
            "portCode": "HAM",
            "portFullNameEn": "Hamburg",
            "portFullNameCn": "Hamburg",
            "city": null
        },
        "etd": null,
        "atd": null,
        "eta": "2021-09-16 00:00",
        "ata": null,
        "facilityCode": "HAM02"
    },
    "legSequence": 0,
    "direction": "W",
    "transportMode": null
}
],
"cutoffLocalDate": null,
"estimatedTransitTimeInDays": 30,
"etaAtFnd": "2021-09-16 00:00",
"etdAtPor": "2020-08-12 00:00",
"serviceCode": "AEU2",
"vesselName": "APL VANDA",
"direction": "W",
"voyageNo": "022"
},
"routeProductPricingList": [
    {
        "cntrType": "20GP",
        "price": 2.00,
        "tradePrice": 0.50, //tradePrice = price - promotions -
discounts
        "currency": "USD",
        "paymentTerms": "P"
    }
],
// If ocean charge switch to collect payment, would need add collect
payment charge
"collectExtraCharges": [
    {
        "cntrType": "20GP",

```

```

        "price": 20,
        "currency": "USD"
    },
    {
        "cntrType": "40HQ",
        "price": 40,
        "currency": "USD"
    },
    {
        "cntrType": "40GP",
        "price": 45,
        "currency": "USD"
    }
],
"promotions": {
    "detail": [
        {
            "promotionType": "OFF",
            "remnantInventory": 51,
            "summary": "订单下箱型20GP、40GP、40HQ每UNIT立减1USD。",
            "priority": 1, // usage priority
        }
    ]
},
"companyDiscountsInfoDTO": [
    {
        "channelCntr": "20GP",
        "amount": 0.5,
        "currencyType": "USD",
    }
],
"couponInfos": [
    {
        "couponId": "8a5e11227152917a017152b6049f0002",
        "inventory": 10,
        "displayName": "test",
        "value": 1,
        "currency": "USD",
        "minOceanFee": 1, // minimum use interval of ocean fee
        "maxOceanFee": 10, // maximum use interval of ocean fee
        "maxUseLimit": 2, // use limit
        "usageUnit": "UNIT"
    }
],
}

```

7. Error sample

```

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

```

Surcharge Query Interface v2

Get the surcharge details of a specific product.

1. Informations

- **Path:** /service/synconhub/common/extraChargeFee/general/\${productId}
- **Method:** GET

2. Path parameters

Name	Type	Required	Description
productId	String	yes	product id

3. Query parameters

Name	Type	Required	Description
loadingServiceNo	String	no	intermodal Service No from intermodal service query results. Get the surcharge details of a specific product with loading service
dischargeServiceNo	String	no	intermodal Service No from intermodal service query results. Get the surcharge details of a specific product with discharge service

4. Request sample

```
GET
/service/synconhub/common/extraChargeFee/general/8a80cb817321ad030173221c880101d2
```

```
GET
/service/synconhub/common/extraChargeFee/general/8a80cb817321ad030173221c880101d2?loadingServiceNo=8a5e11127467f02501747218e25c0001
```

```
GET
/service/synconhub/common/extraChargeFee/general/8a80cb817321ad030173221c880101d2?loadingServiceNo=8a5e11127467f02501747218e25c0001&dischargeServiceNo=8a5e11247866fbec0178681acd3a0008
```

5. Response parameters

Name	Description
code	status code
message	detail message
data	response data

6. Response sample

```
{
  "code": 0,
  "message": "",
  "data": [
    {
      "chargeModel": "BL",
      "cntrSize": null, // container type
      "chargeDetail": [ // detail info
        {
          "chargeCode": "DOC",
          "chargeName": "DOC",
          "chargeType": "DOC",
          "chargeTag": "POR",
          "price": 666,
          "currency": "USD",
          "paymentTerms": "P",
          "isFollowOceanFee": true, // payment terms follow
          ocean fee payment terms
          "category": null // charge category
        },
        {
          "chargeCode": "DOC",
          "chargeName": "DOC",
          "chargeType": "DOC",
          "chargeTag": "POR",
          "price": 888,
          "currency": "USD",
          "paymentTerms": "C",
          "isFollowOceanFee": true, // payment terms follow
          ocean fee payment terms
          "category": null // charge category
        }
      ]
    },
    {
      "chargeModel": "CNTR",
      "cntrSize": "20GP",
      "chargeDetail": [
        {
          "chargeCode": "255",
          "chargeName": "工本费",
          "chargeType": "CNTR_LOCAL",
          "chargeTag": "POR",
          "price": 10,
```

```
        "currency": "USD",
        "paymentTerms": "P",
        "isFollowOceanFee": false,
        "category": "EXTRA_CHARGE"
      }
    ]
  }
}
```

7. Error sample

```
{
  "code": 20001,
  "message": "cannot proceed the request, please retry later or contact support for help"
}
```

```
{
  "code": 20059,
  "message": "Wrong bound type of intermodal service"
}
```

```
{
  "code": 20060,
  "message": "The intermodal service does not exist"
}
```