Demo

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Ex: Download R Package on desktop, then run the code below to install.

```r
# setwd("~/Desktop")
# devtools::install("BCFerriesConnector")

library(BCFerriesConnector)
```

```
## loading 'BCFerriesConnector'
```

```r
get_routes()
```

```
##     routeCode fromTerminalCode toTerminalCode
## 1    TSASWB                TSA            SWB
## 2    HSBLNG                HSB            LNG
## 3    HSBBOW                HSB            BOW
## 4    SWBFUL                SWB            FUL
## 5    SWBSGI                SWB            SGI
## 6    LNGHSB                LNG            HSB
## 7    SWBTSA                SWB            TSA
## 8    TSASGI                TSA            SGI
## 9    HSBNAN                HSB            NAN
## 10   NANHSB                NAN            HSB
## 11   TSADUK                TSA            DUK
## 12   DUKTSA                DUK            TSA
```

```r
get_schedule("TSASWB")
```

```
##     routeCode sailingDuration      time arrivalTime sailingStatus
## 1    TSASWB           1h 35m  7:02 am     8:26 am          past
## 2    TSASWB           1h 35m  9:17 am    10:41 am          past
## 3    TSASWB           1h 35m 11:03 am    12:28 pm          past
## 4    TSASWB           1h 35m  1:34 pm     2:55 pm          past
## 5    TSASWB           1h 35m  3:03 pm     4:38 pm       current
## 6    TSASWB           1h 35m  5:30 pm        none        future
## 7    TSASWB           1h 35m  7:00 pm        none        future
## 8    TSASWB           1h 35m  9:45 pm        none        future
## 9    TSASWB           1h 35m  7:00 am        none        future
```

```
## 10    TSASWB            1h 35m  9:00 am           none         future
## 11    TSASWB            1h 35m 11:00 am           none         future
##                     vesselName
## 1  Spirit of British Columbia
## 2          Coastal Inspiration
## 3  Spirit of British Columbia
## 4          Coastal Inspiration
## 5  Spirit of British Columbia
## 6          Coastal Inspiration
## 7  Spirit of British Columbia
## 8          Coastal Inspiration
## 9                   (Tomorrow)
## 10                  (Tomorrow)
## 11                  (Tomorrow)
```

get_capacity("TSASWB")

```
##    routeCode    time sailingStatus                  vesselName fill
carFill
## 1    TSASWB  7:02 am         past Spirit of British Columbia   0
0
## 2    TSASWB  9:17 am         past       Coastal Inspiration    0
0
## 3    TSASWB 11:03 am         past Spirit of British Columbia   0
0
## 4    TSASWB  1:34 pm         past       Coastal Inspiration    0
0
## 5    TSASWB  3:03 pm      current Spirit of British Columbia   0
0
## 6    TSASWB  5:30 pm       future       Coastal Inspiration  100
100
## 7    TSASWB  7:00 pm       future Spirit of British Columbia  59
72
## 8    TSASWB  9:45 pm       future       Coastal Inspiration   80
73
## 9    TSASWB  7:00 am       future                  (Tomorrow)  0
66
## 10   TSASWB  9:00 am       future                  (Tomorrow)  0
88
## 11   TSASWB 11:00 am       future                  (Tomorrow)  0
60
##    oversizeFill
## 1            0
## 2            0
## 3            0
## 4            0
## 5            0
```

```
## 6             100
## 7              47
## 8              87
## 9              48
## 10             82
## 11             68
```

```r
get_capacity_plot(get_capacity("TSASWB"))
```

Current and Future Sailings Fill Percentage

Vehicle Type ▮ carFill ▮ oversizeFill