

ClassNK MRV Portal

Monitoring on shore

Quick Reference Guide

28 October 2017



Index

1. Confirmation of Monitoring Data	3
➤ Monitoring – Pending Data List	12
2. Alert Setting	14
➤ Detail of each alert	15
➤ Example of Alert setting procedure	17
➤ Alert Notice	19
3. Edit/Add/Delete of Monitoring Data	21
➤ Adding event data	26
➤ Delete voyage data.....	29
4. Submission of Monitoring Data	30

1. Confirmation of Monitoring Data

Users can check and confirm the Monitoring Data from onboard at ClassNK MRV Portal.

At First, Please login ClassNK Web Service Portal on Sub User ID and start ClassNK MRV Portal.

The screenshot displays the ClassNK website interface. The main navigation menu includes HOME, AboutNK, Products & Services, Certification Services, Information Services, and Research. A large banner features a ship at sea with the text: "ClassNK works to ensure maritime safety and protect the marine environment." Below the banner, there are sections for "See and Learn", "Find Out", and "Download / Order". A "Web Service Portal Login" button is highlighted with a red box. To the right, a login form is shown with fields for "User ID" (containing "nk.mrv@xxx.com" and highlighted with a red box and labeled "Sub User ID"), "Password", and "Image Authentication" (containing "4009"). A "LOG IN" button is visible. Below the login form, there is a "Web Service Menu" section with items: "e-Application Online application service for surveys and audits", "NK-PASS Plan approval status service", and "NK-SHIPS Comprehensive information service for ship management". A "Topics" section on the right lists recent updates, including "11 Oct 2017 NEW Website updating for 'PrimeShip-HULL(HCSR)'" and "11 Sep 2017 Website updating for 'PrimeShip-HULL for Container Carriers'".

Monitoring data (leg base) can be displayed for each vessels from Monitoring – Voyage Data tab at each calendar year.

ClassNK MRV Portal Ver.1.1.1 - 2017/10/11 User's Guide (Japanese / English) US000940 EE User Tr Logc

Monitoring
Status
Voyage Data
MRV Voyage Data
Pending Data List
API
Report Template
MP(Monitoring Plan)
User Information

Ship: NK MARU
Year: 2017
 EU Port Only
 Exclude Submitted voyage

Click "Serch" Search

Showing records per page: 50 1 - 3 / 3

Error Mark	V/No.	Departure		Arrival				
		Dep.Time(UTC)	Port	EU	Arr.Time(UTC)	Dep.Time(UTC)	Port	EU
Detail	20171	2017/07/06 20:45	CAIMEP,VUN		2017/07/08 07:10	2017/07/09 03:50	SINGAPORE	
Detail	20171	2017/07/09 03:50	SINGAPORE		2017/07/19 18:30	2017/07/20 13:30	SUEZ	
Detail	20171	2017/07/20 13:30	SUEZ					

Import Voyage Data Add New

Data Viewer

Move to detail data on each voyage

Port Information
(name, date, time, etc)

	Error Mark	V/No.	Departure			Arrival			EU
			Dep.Time(UTC)	Port	EU	Arr.Time(UTC)	Dep.Time(UTC)	Port	
Detail			2016/07/03 13:00	YANTIAN		2016/07/06 01:35	2016/07/06 20:45	CAIMEP,VUN	
Detail			2016/07/06 20:45	CAIMEP,VUN		2016/07/08 07:10	2016/07/09 03:50	SINGAPORE	
Detail			2016/07/09 03:50	SINGAPORE		2016/07/19 18:30	2016/07/20 13:30	SUEZ	

Error mark will be displayed if the data has any error which is set on "Alert Setting" function

Distance	Time	At Sea			In Port			Cargo Carried	
		HSFO	LSFO	MGO	HSFO	LSFO	MGO	Mass	
960.0	62.00	160.0	0.0	0.2	10.0	0.0	0.07	0	
778.0	34.00	134.0	0.0	0.1	10.0	0.0	0.21	40000	
5046.0	262.67	2895.17	0.0	0.38	7.68	0.0	1.2	40000	

Distance (nm), Time(hours)

Fuel consumption at sea (MT)

Fuel consumption in port (MT)

Cargo mass

Detail Data Viewer

You can move to detail page if you click “detail” button in the previous page.

The screenshot displays the 'Voyage Data / Monitoring' interface. At the top, there are navigation tabs: 'Port', 'Cargo', 'Distance and time', and 'Fuel'. The 'Port' tab is selected and highlighted with a red box. Below the tabs, the interface is split into two columns. The left column shows 'Departure' details for Singapore, including the date '2016/07/09', time '03:50', and coordinates '115.0000 N 10345.0000 E'. A map of Singapore is shown below. The right column shows 'Arrival' details for Suez, including the date '2016/07/19', time '18:30', and coordinates '3029.0000 N 3220.0000 E'. A map of Suez is shown below. At the top right, there are navigation controls: '<< Prev', a dropdown menu showing '[SINGAPORE / SUEZ]', 'Next >>', and a 'Back to list' button. A red box highlights these controls, with a red arrow pointing to a text box below. At the bottom left, another red box highlights the 'Port' tab with a red arrow pointing to a text box below. The 'Adjustment distance from arrival to berth' is shown as '35.0 nm (64.8km)'.

Various data can be found in each tab

You can move to the Previous/Next voyage.

Port tab

The screenshot displays the 'Port' tab interface with two main sections: 'Departure' and 'Arrival'. Each section includes fields for V/No., Time(UTC), Port, and Lat./Long. The 'Departure' section is for Singapore (115.0000 N, 10345.0000 E) and the 'Arrival' section is for SUEZ (3029.0000 N, 3220.0000 E). A red box highlights the 'EU Port' and 'L/U' checkboxes in the departure section. Another red box highlights the 'Adjustment distance from arrival to berth' field in the arrival section, which is set to 35.0 nm (64.8 km). A 'Save' button is visible in the top right corner of the arrival section.

“EU port or not” and
“Loading/Unloading or
not” are shown here

In case if “Arrival on the report” and “Berthing time” is different,
compensation data is input here. Please also refer to “Event
and Noon Report Guidance”.

Cargo tab

You can check/upload the evidence document for Cargo Carried.

Voyage Data / Monitoring << Prev 20171 [SINGAPORE / SUEZ] Next >> Back to list

Port **Cargo** Distance and time Fuel [MP View](#)

V/No. 20171

Loading / Unloading **Add New**

Voyage No.	Departure Port	Loading Mass	Unloading Mass
20171	SINGAPORE	40000.0	20000.0

Detail is displayed by click

You can upload new evidence document by click "Add New"

Time(UTC) 2017/07/09 03:50

Event Status Departure 2017/07/09 03:50

Report Lat./Long. 115.0000 N 10345.0000 W

Voyage No. 20171 [SINGAPORE / SUEZ]

Departure port SINGAPORE EU Port L/U

+ Cargo loading at departure port

+ Cargo unloading at departure port

Evidence of cargo

nkmap_i.pdf

Drop Files to upload (or click)

Delete Save

Distance and time tab

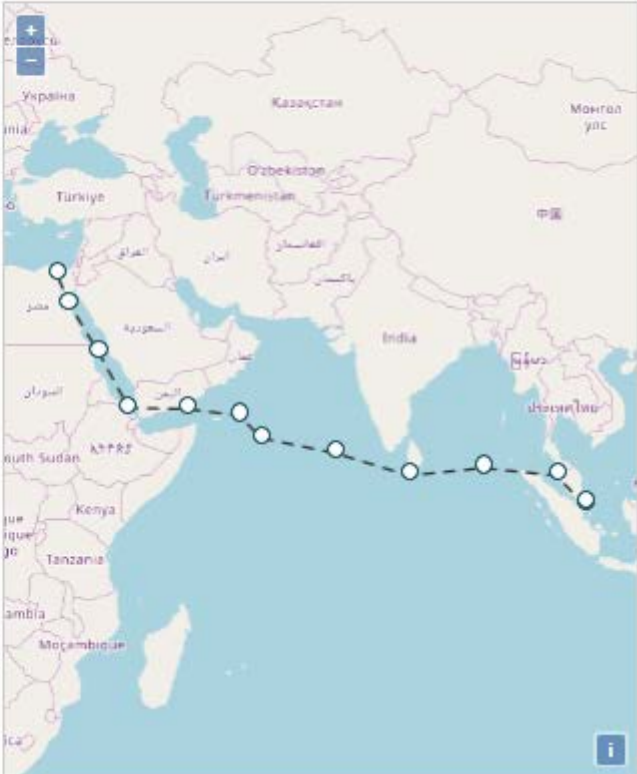
You can check Distance / Time data for this voyage.

Port	Cargo	Distance and time	Fuel				
V/No. 20171							
Distance 5046.0 nm (9345.2km)		Time Spent at sea 262.67 h					
※Ave.propeller revolution Add New							
Place	Rep.Time(UTC)	Lat./Long.	Distance (nm)	Time	※	Ave. BHP	Sea State
Departure	2017/07/09 03:50	115N,10345E	N.A.	N.A.			
Noon	2017/07/09 04:00	100N,10350E	0	0.17		4	
Noon	2017/07/10 04:30	500N,10000E	500	25	75	2	
Noon	2017/07/11 05:00	600N,9000E	500	25	75	5	
Noon	2017/07/12 05:30	500N,8000E	490	25	75	2	
Noon	2017/07/13 06:00	800N,7000E	480	25	75	2	
Noon	2017/07/14 06:30	1000N,6000E	470	25	75	3	
Noon	2017/07/15 07:30	1300N,5700E	495	25	75	2	
Noon	2017/07/16 08:00	1350N,5000E	496	25	75	4	
Noon	2017/07/17 08:30	1400N,4200E	480	25	75	7	
Noon	2017/07/18 09:30	2100N,3800E	490	25	75	4	
Noon	2017/07/19 10:00	2700N,3400E	460	25	75	5	
Arrival	2017/07/19 18:30	3029N,3220E	150	9	75		
Adjustment Distance/Time from arrival to berth			35	3.5			

N.A. : Not applicable (Not required for reporting)

Adjustment distance from arrival to berth	35.0 nm (64.8km)	Adjustment time from arrival to berth	3.50 h
---	------------------	---------------------------------------	--------

MP View
Save



Fuel Tab

You can check FOC data and upload the evidence document for Bunker and ROB.

Port Cargo Distance and time **Fuel** MP View

V/No. 20171 Add New

※Ave.propeller revolution

Place	Time(UTC)	FOC			※	Ave.BHP	Sea State	ROB			Bunker			C
		HSFO	LSFO	MGO				HSFO	LSFO	MGO	HSFO	LSFO	MGO	
Departure	2017/07/09 03:50	N.A.	N.A.	N.A.				5784.93	0.0	612.78	1887.85	-	-	
Noon	2017/07/09 04:00	1.0	0.0	0.0			4	-	-	-	-	-	-	
Noon	2017/07/10 04:30	90.0	0.0	0.1	75.000		2	-	-	-	-	-	-	
Noon	2017/07/11 05:00	100.0	0.0	0.0	75.000		5	-	-	-	-	-	-	
Noon	2017/07/12 05:30	110.0	0.0	0.0	75.000		2	-	-	-	-	-	-	
Noon	2017/07/13 06:00	80.0	0.0	0.0	75.000		2	-	-	-	-	-	-	
Noon	2017/07/14 06:30	96.0	0.0	0.03	75.000		3	-	-	-	-	-	-	
Noon	2017/07/15 07:30	98.0	0.0	0.0	75.000		2	-	-	-	-	-	-	
Noon	2017/07/16 08:00	105.0	0.0	0.0	75.000		4	-	-	-	-	-	-	
Noon	2017/07/17 08:30	100.0	0.0	0.0	75.000		7	-	-	-	-	-	-	
Noon	2017/07/18 09:30	101.0	0.0	0.0	75.000		4	-	-	-	-	-	-	
Noon	2017/07/19 10:00	102.0	0.0	0.0	75.000		5	-	-	-	-	-	-	

N.A. : Not applicable (Not required for reporting)

Bunkered Add New

port	HSFO	LSFO	MGO
SINGAPORE	Volume 0.0	0.0	0.0
	Density 0.0	0.0	0.0
	Mass 1887.85	0.0	0.0

ROB Add New

Place	HSFO	LSFO	MGO
Departure	5784.93	0.0	612.78

Detail is displayed by click (next page)

You can upload new evidence document by click "Add New"

Bunker Evidence document

Time(UTC) 2017/07/09 03:50

Event Status Departure 2017/07/09 03:50

Report Lat./Long. 115.0000 N O S 10345.0000 E O W
※Format : ddmm.mmmmm ※Format : dddmm.mmmmm

Voyage No. 20171 [SINGAPORE / SUEZ]

Departure port SINGAPORE EU Port L/U

+ Volume[MTN] at departure port

+ Density[MTN] at departure port

+ Mass[MTN] at departure port

BDN

nkmap_i.pdf

Drop Files to upload (or click)

Delete Save

ROB evidence document

Time(UTC) 2017/07/09 03:50

Event Status Departure 2017/07/09 03:50

Report Lat./Long. 115.0000 N O S 10345.0000 E O W
※Format : ddmm.mmmmm ※Format : dddmm.mmmmm

Voyage No. 20171 [SINGAPORE / SUEZ]

Departure port SINGAPORE EU Port L/U

+ ROB[MTN] at departure port

Evidence of ROB

nkmap_i.pdf

Drop Files to upload (or click)

Delete Save

Please drop the file here to upload

➤ Monitoring – Pending Data List

Each monitoring data which does not constitute voyage data can be confirmed by Monitoring – Pending Data List tab in each calendar year.

ClassNK MRV Portal Ver.1.1.1 - 2017/10/11 User's Guide (Japanese / English) US000955 EE User 2 Trial Logout

Monitoring
Status
Voyage Data
MRV Voyage Data
Pending Data List
API
Report Template
MP(Monitoring Plan)
Status *1 new items.
List
User Information
Company Data
Ship List
Alert Setting

Ship: NK MARU
Year:

Please set a ship and year

Click search

Search

Showing records per page : 50

Report type	V/No.	Rep.Time(UTC)	Lat./Long	Event Status
Event	09	2016/07/02 13:00	601.0000N 120.0000E	Arrival

click to confirm the detail information for each data

ClassNK MRV Portal Monitoring on shore – Quick Reference Guide

You can edit and save the data by showing detail information as below. When the data constitute voyage data, such data will be left from Pending data list.

The screenshot displays the ClassNK MRV Portal interface. A modal window is open, showing a detailed report form for a voyage. The form includes the following fields and sections:

- Report Time (UTC): 2015/11/01 23:57
- Event Status: N S E W
- Report Lat./ Long.: (Format: dddmm.mmmmm)
- Voyage No.:
- Distance: 0.0 nm
- Time Spent at sea: 0.00 h
- Distance through ice: nm
- Time through ice: h
- Average propeller revolution: 0.000 rpm
- Average BHP: kw
- Sea State:
- Laden or Ballast: Laden Ballast
- FOC from last report [MTN]
- FOC for cargo Heating [MTN]
- FOC for Dynamic positioning [MTN]
- Bunkered [MTN]
- ROB [MTN]
- FOC from arrival to berth [MTN]

At the bottom of the modal window, there are two buttons: "Delete" and "Save". The "Save" button is highlighted with a red box, and a red arrow points to it from a callout box that says "Click to save the data".

2. Alert Setting

By User Information – Alert Setting tab, You can set Alert criteria for monitoring data.

Valid		Error	Additional items	
<input type="checkbox"/>	Reported ROB is inconsistent with reported FOC		Divergence criteria	<input type="text"/>
<input type="checkbox"/>	Reported ship speed is over XX knot.		Knot	<input type="text" value="20.0"/> Detail
<input type="checkbox"/>	Wrong order of events			
<input type="checkbox"/>	Period of the voyage is duplicated/isolated with the previous voyage			
<input type="checkbox"/>	ROB calculated by FOC has minus value.			
<input type="checkbox"/>	Reported FOC at sea is unusual value comparing to accumulated FOC which is already reported.		Divergence criteria	<input type="text"/> Detail
			Times reported	<input type="text"/>
<input type="checkbox"/>	Reported FOC in port is unusual value comparing to accumulated FOC which is already reported.		Divergence criteria	<input type="text"/> Detail
			Times reported	<input type="text"/>
<input type="checkbox"/>	Ship speed estimated from Noon positions is over XX knot.		Knot	<input type="text" value="20.0"/> Detail
<input type="checkbox"/>	Reported time spent at sea is inconsistent with Dep/Arr timing		Hour	<input type="text" value="5.0"/>
<input type="checkbox"/>	The value of cargo carried is zero in spite of laden loading condition			
<input type="checkbox"/>	The value of cargo carried is not zero in spite of ballast loading condition			
<input type="checkbox"/>	The value of cargo carried is larger than maximum.		Mass	<input type="text"/>
			TEU/Full	<input type="text"/>
			TEU/Empty	<input type="text"/>
			Unit	<input type="text"/> Detail
			Lane metres	<input type="text"/>
			Passengers	<input type="text"/>
			Volume	<input type="text"/>
<input type="checkbox"/>	Data lack			
<input type="checkbox"/>	Unlikely Value			

➤ **Detail of each alert**

Detail of alerts are shown below. You can select suitable alert criteria for your company’s procedure.

Alert Items	Detail	Each ship setting
Reported ROB is inconsistent with reported FOC	Please set up "differential value in MT between reported ROB and ROB calculated by FOC" as error criteria.	-
Reported ship speed is over XX knot.	Ship speed is calculated by “Distance sailed / sailing hour” (knot)	○
Wrong order of events	For example, “Arrival – Noon- Arrival”, “Departure-Departure”, etc.	-
Period of the voyage is duplicated/isolated with the previous voyage	-	-
ROB calculated by FOC has minus value.	-	-
Reported FOC at sea is unusual value comparing to accumulated FOC which is already reported.	Please set followings; - Error criteria (%) as difference from average reported FOC / nautical mile	○

ClassNK MRV Portal Monitoring on shore – Quick Reference Guide

	- minimum report number to start this alert	
Reported FOC in port is unusual value comparing to accumulated FOC which is already reported.	Please set followings; - Error criteria (%) as difference from average reported FOC / hour - minimum report number to start this alert	○
Ship speed estimated from Noon positions is over XX knot.	Ship speed is calculated by noon positions	○
Reported time spent at sea is inconsistent with Dep/Arr timing	Please set alert criteria in hour of difference	-
The value of cargo carried is zero in spite of laden loading condition	-	-
The value of cargo carried is not zero in spite of ballast loading condition	-	-
The value of cargo carried is larger than maximum.	Please set maximum value of cargo carried for each ships	○
Data lack	-	-
Unlikely Value	Unexpected number of digits, etc.	-

➤ Example of Alert setting procedure

Example of alert setting is as follows;

Alert Setting

Valid	Error	Additional items	
<input type="checkbox"/>	Reported ROB is inconsistent with reported FOC	Divergence criteria	<input type="text"/>
<input checked="" type="checkbox"/>	Reported ship speed is over XX knot.	Knot	<input type="text" value="15 x"/> Detail
<input type="checkbox"/>	Wrong order of events		
<input type="checkbox"/>	Period of the voyage is duplicated/isolated with the previous voyage		
<input type="checkbox"/>	ROB calculated by FOC has minus value.		
<input type="checkbox"/>	Reported FOC at sea is unusual value comparing to accumulated FOC which is already reported.	Divergence criteria Times reported	<input type="text"/> <input type="text"/> Detail
<input type="checkbox"/>	Reported FOC in port is unusual value comparing to accumulated FOC which is already reported.	Divergence criteria Times reported	<input type="text"/> <input type="text"/> Detail
<input type="checkbox"/>	Ship speed estimated from Noon positions is over XX knot.	Knot	<input type="text" value="20.0"/> Detail
<input type="checkbox"/>	Reported time spent at sea is inconsistent with Dep/Arr timing	Hour	<input type="text" value="5.0"/>
<input type="checkbox"/>	The value of cargo carried is zero in spite of laden loading condition		
<input type="checkbox"/>	The value of cargo carried is not zero in spite of ballast loading condition		
		Mass	<input type="text"/>
		TEU/Full	<input type="text"/>
		TEU/Empty	<input type="text"/>
<input type="checkbox"/>	The value of cargo carried is larger than maximum.	Unit	<input type="text"/> Detail

Save

1. Check the item to be alerted

2. input alert criteria

3. click "detail" for alert criteria in each ship (next page)

Ship	Additional items	
NK MARU	Knot	16 ×
NK MARU 2	Knot	×
NK MARU 3	Knot	20 ×

All Clear Save

Please input each ship's alert criteria.
In case of blank, default value by previous page shall be applied.

➤ Alert Notice

In case when the data conflicts the alert criteria by previous procedure, Error mark are shown in “Voyage Data” list.

Please check “Detail” to confirm the errors.

ClassNK MRV Portal Ver.1.1.1 - 2017/10/11 User's Guide (Japanese / English) US000940 EE User 1 Log

Monitoring

- Status
- Voyage Data
- MRV Voyage Data
- Pending Data List
- API
- Report Template
- MP(Monitoring Plan)
- User Information

Ship: NK MARU

Year: 2016 EU Port Only Exclude Submitted voyage

Search

Showing records per page : 50 1 - 5 / 5

Error Mark	V/No.	Departure		Arrival		At Sea				In P			
		Dep.Time(UTC)	Port	EU	Arr.Time(UTC)	Dep.Time(UTC)	Port	EU	Distance		Time	HSFO	LSFO
Detail		2016/07/03 13:00	YANTIAN		2016/07/06 01:35	2016/07/06 20:45	CAIMEP,VUN		960.0	62.00	160.0	0.0	0.2
Detail	!	2016/07/06 20:45	CAIMEP,VUN		2016/07/08 07:10	2016/07/09 03:50	SINGAPORE		778.0	34.00	134.0	0.0	0.1
Detail	!	2016/07/09 03:50	SINGAPORE		2016/07/19 18:30	2016/07/20 13:30	SUEZ		5066.0	265.67	2905.17	0.0	0.38
Detail		2016/07/20 13:30	SUEZ		2016/11/01 00:00				0	0	0.0	0.0	0.0
Detail	1111A	2016/11/01 00:00	TEST		2016/11/10 14:00		TEST2		0	0	500.0	0.0	10.0

ClassNK MRV Portal Monitoring on shore – Quick Reference Guide

For example, you can see the data has 2 error as follow;

Voyage Data / Monitoring << Prev [SINGAPORE / SUEZ] Next >> [Back to list](#)

Port Cargo Distance and time **Fuel** [MP View](#)

Reported ROB is inconsistent with reported FOC
Data lack

V/No.

※Ave.propeller revolution [Add New](#)

Place	Time(UTC)	FOC			※	Ave.BHP	Sea State	ROB			Bt
		HSFO	LSFO	MGO				HSFO	LSFO	MGO	
Departure	2016/07/09 03:50	N.A.	N.A.	N.A.				5784.93	0.0	612.78	
Noon	2016/07/09 04:00	1.0	0.0	0.0				4	-	-	-
Noon	2016/07/10 04:30	90.0	0.0	0.1	75.000			2	-	-	-
Noon	2016/07/11 05:00	100.0	0.0	0.0	75.000			5	-	-	-
Noon	2016/07/12 05:30	110.0	0.0	0.0	75.000			2	-	-	-
Noon	2016/07/13 06:00	80.0	0.0	0.0	75.000			2	-	-	-
Noon	2016/07/14 06:30	96.0	0.0	0.03	75.000			3	-	-	-
Noon	2016/07/15 07:30	98.0	0.0	0.0	75.000			2	-	-	-
Noon	2016/07/16 08:00	105.0	0.0	0.0	75.000			4	-	-	-
Noon	2016/07/17 08:30	100.0	0.0	0.0	75.000			7	-	-	-
Noon	2016/07/18 09:30	101.0	0.0	0.0	75.000			4	-	-	-
Noon	2016/07/19 10:00	102.0	0.0	0.0	75.000			5	-	-	-

N.A. : Not applicable (Not required for reporting)

Bunkered

3. Edit/Add/Delete of Monitoring Data

You can edit/add/delete the monitoring data if needed.

Edit/Delete of stored monitoring data

Please click “Detail” button of the voyage which need to edit/delete.

Ship: Year: EU Port Only Exclude Submitted voyage

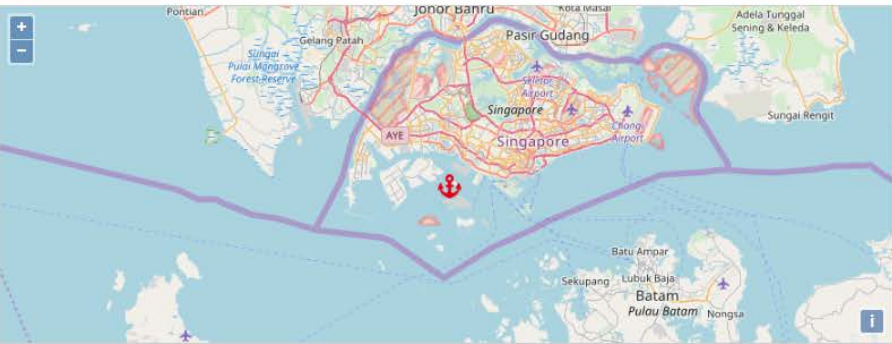
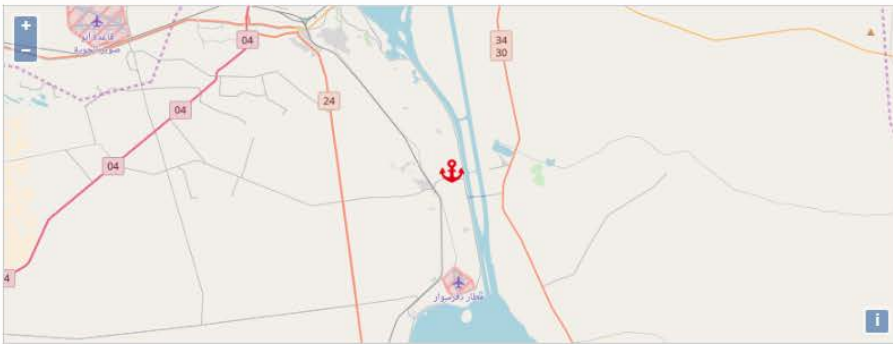
Showing records per page : 1 - 5 / 5

Error Mark	V.No.	Departure		Arrival			At Sea				In P			
		Dep.Time(UTC)	Port	EU	Arr.Time(UTC)	Dep.Time(UTC)	Port	EU	Distance	Time		HSFO	LSFO	MGO
<input type="button" value="Detail"/>		2016/07/03 13:00	YANTIAN		2016/07/06 01:35	2016/07/06 20:45	CAIMEP,VUN			960.0	62.00	160.0	0.0	0.2
<input type="button" value="Detail"/>		2016/07/06 20:45	CAIMEP,VUN		2016/07/08 07:10	2016/07/09 03:50	SINGAPORE			778.0	34.00	134.0	0.0	0.1
<input type="button" value="Detail"/>		2016/07/09 03:50	SINGAPORE		2016/07/19 18:30	2016/07/20 13:30	SUEZ			5046.0	262.67	2895.17	0.0	0.38
<input type="button" value="Detail"/>		2016/07/20 13:30	SUEZ			2016/11/01 00:00				0	0	0.0	0.0	0.0
<input type="button" value="Detail"/>	1111A	2016/11/01 00:00	TEST		2016/11/10 14:00		TEST2			0	0	500.0	0.0	10.0

[Port Tab]

You can edit Port name, departure/arrival timing, port location, etc.

After editing data, please click “save” button to complete.

Port	Cargo	Distance and time	Fuel
V/No. <input type="text"/>			
Departure			
Time(UTC) <input type="text" value="2016/07/09"/> <input type="text" value="03:50"/>			
Port <input type="text" value="SINGAPORE"/> <input type="text"/>		<input type="checkbox"/> EU Port <input checked="" type="checkbox"/> L/U	
Lat./ Long. <input type="text" value="115.0000"/> <input type="radio"/> N <input type="radio"/> S		<input type="text" value="10345.0000"/> <input type="radio"/> E <input type="radio"/> W	
※Format : dmmm.mmmm		※Format : dddmm.mmmm	
			
Loading condition <input checked="" type="radio"/> Laden <input type="radio"/> Ballast			
Carried <input type="text"/>			
Arrival			
Time(UTC) <input type="text" value="2016/07/19"/> <input type="text" value="18:30"/>			
Port <input type="text" value="SUEZ"/> <input type="text"/>		<input type="checkbox"/> EU Port <input type="checkbox"/> L/U	
Lat./ Long. <input type="text" value="3029.0000"/> <input type="radio"/> N <input type="radio"/> S		<input type="text" value="3220.0000"/> <input type="radio"/> E <input type="radio"/> W	
※Format : dmmm.mmmm		※Format : dddmm.mmmm	
			
Adjustment distance from arrival to berth <input type="text" value="35.0"/> nm (64.8km)			
MP View <input type="button" value="Save"/>			

[Each Monitoring Data]

Please move to each tab you want to edit, such as “Distance Sailed” or “Fuel”.

Voyage Data / Monitoring << Prev [SINGAPORE / SUEZ] Next >> [Back to list](#)

Port Cargo Distance and time **Fuel** [MP View](#)

V/No.

※Ave.propeller revolution [Add New](#)

Place	Time(UTC)	FOC			※	Ave.BHP	Sea State	ROB			Bunker			Cargo heating		
		HSFO	LSFO	MGO				HSFO	LSFO	MGO	HSFO	LSFO	MGO	HSFO	LSFO	MGO
Departure	2016/07/09 03:50	N.A.	N.A.	N.A.				5784.93	0.0	612.78	1887.85	-	-	-	-	-
Noon	2016/07/09 04:00	1.0	0.0	0.0			4	-	-	-	-	-	-	-	-	-
Noon	2016/07/10 04:30	90.0	0.0	0.1	75.000		2	-	-	-	-	-	-	-	-	-
Noon	2016/07/11 05:00	100.0	0.0	0.0	75.000		5	-	-	-	-	-	-	-	-	-
Noon	2016/07/12 05:30	110.0	0.0	0.0	75.000		2	-	-	-	-	-	-	-	-	-
Noon	2016/07/13 06:00	80.0	0.0	0.0	75.000		2	-	-	-	-	-	-	-	-	-
Noon	2016/07/14 06:30	96.0	0.0	0.03	75.000		3	-	-	-	-	-	-	-	-	-
Noon	2016/07/15 07:30	98.0	0.0	0.0	75.000		2	-	-	-	-	-	-	-	-	-
Noon	2016/07/16 08:00	105.0	0.0	0.0	75.000			-	-	-	-	-	-	-	-	-
Noon	2016/07/17 08:30	100.0	0.0	0.0	75.000			-	-	-	-	-	-	-	-	-
Noon	2016/07/18 09:30	101.0	0.0	0.0	75.000			-	-	-	-	-	-	-	-	-
Noon	2016/07/19 10:00	102.0	0.0	0.0	75.000			-	-	-	-	-	-	-	-	-

N.A. : Not applicable (Not required for reporting)

Bunkered [Add New](#)

port	HSFO	LSFO	MGO
------	------	------	-----

ROB [Add New](#)

Place	HSFO	LSFO	MGO
-------	------	------	-----

Please click the line if you need to edit FOC at 12/7/2016.

After clicking, below display is shown. Please click “+” FOC from last report to edit.

Report Time (UTC)	2016/07/12	05:30
Event Status	Noon	
Report Lat./ Long.	500.0000 <input checked="" type="radio"/> N <input type="radio"/> S	8000.0000 <input checked="" type="radio"/> E <input type="radio"/> W
	<small>※Format : ddmm.mmmm</small>	<small>※Format : dddmm.mmmm</small>
Voyage No.	[SINGAPORE / SUEZ]	
Distance	490.0 nm	Time Spent at sea 25.00 h
Distance through ice	nm	Time through ice h
Average propeller revolution	75.000 rpm	
Average BHP	kw	
Sea State	2	
Laden or Ballast	<input type="radio"/> Laden <input type="radio"/> Ballast	
+	FOC from last report [MTN]	
+	FOC for cargo Heating [MTN]	
+	FOC for Dynamic positioning [MTN]	
+	Bunkered [MTN]	
+	ROB [MTN]	
+	FOC from arrival to berth [MTN]	

[Delete](#) [Save](#)

Please modify each fuels data and click save to complete.

Report Time (UTC)	2016/07/12	05:30
Event Status	Noon	
Report Lat./ Long.	500.0000 <input checked="" type="radio"/> N <input type="radio"/> S	8000.0000 <input checked="" type="radio"/> E <input type="radio"/> W
	<small>※Format : ddmm.mmmm</small>	<small>※Format : dddmm.mmmm</small>
Voyage No.	[SINGAPORE / SUEZ]	
Distance	490.0 nm	Time Spent at sea 25.00 h
Distance through ice	nm	Time through ice h
Average propeller revolution	75.000 rpm	
Average BHP	kw	
Sea State	2	
Laden or Ballast	<input type="radio"/> Laden <input type="radio"/> Ballast	
- FOC from last report [MTN]		
HSFO	110.000000	
LSFO	0.000000	
MGO	0.000000	
+ FOC for cargo Heating [MTN]		
+ FOC for Dynamic positioning [MTN]		
+ Bunkered [MTN]		

➤ Adding event data

You can insert any event data. Please click “Add new” button.

Voyage Data / Monitoring << Prev [SINGAPORE / SUEZ] Next >> [Back to list](#)

Port Cargo Distance and time **Fuel** [MP View](#)

V/No.

Place	Time(UTC)	FOC			※	Ave.BHP	Sea State	ROB			Bunker			Cargo heating			※Ave.propeller revolution	
		HSFO	LSFO	MGO				HSFO	LSFO	MGO	HSFO	LSFO	MGO	HSFO	LSFO	MGO		
Departure	2016/07/09 03:50	N.A.	N.A.	N.A.				5784.93	0.0	612.78	1887.85	-	-	-	-	-	-	Add New
Noon	2016/07/09 04:00	1.0	0.0	0.0			4	-	-	-	-	-	-	-	-	-	-	
Noon	2016/07/10 04:30	90.0	0.0	0.1	75.000		2	-	-	-	-	-	-	-	-	-	-	
Noon	2016/07/11 05:00	100.0	0.0	0.0	75.000		5	-	-	-	-	-	-	-	-	-	-	
Noon	2016/07/12 05:30	110.0	0.0	0.0	75.000		2	-	-	-	-	-	-	-	-	-	-	
Noon	2016/07/13 06:00	80.0	0.0	0.0	75.000		2	-	-	-	-	-	-	-	-	-	-	
Noon	2016/07/14 06:30	96.0	0.0	0.03	75.000		3	-	-	-	-	-	-	-	-	-	-	
Noon	2016/07/15 07:30	98.0	0.0	0.0	75.000		2	-	-	-	-	-	-	-	-	-	-	
Noon	2016/07/16 08:00	105.0	0.0	0.0	75.000		4	-	-	-	-	-	-	-	-	-	-	
Noon	2016/07/17 08:30	100.0	0.0	0.0	75.000		7	-	-	-	-	-	-	-	-	-	-	
Noon	2016/07/18 09:30	101.0	0.0	0.0	75.000		4	-	-	-	-	-	-	-	-	-	-	
Noon	2016/07/19 10:00	102.0	0.0	0.0	75.000		5	-	-	-	-	-	-	-	-	-	-	

N.A. : Not applicable (Not required for reporting)

Bunkered [Add New](#)

port	HSFO	LSFO	MGO
------	------	------	-----

ROB [Add New](#)

Place	HSFO	LSFO	MGO
-------	------	------	-----

Input display is as below. Please input necessary data and save to complete.

Report Time (UTC)	<input type="text"/>	<input type="text"/>
Event Status	<input type="text" value="v"/>	
Report Lat./ Long.	<input type="text"/> <input checked="" type="radio"/> N <input type="radio"/> S	<input type="text"/> <input checked="" type="radio"/> E <input type="radio"/> W
	<small>※Format : ddmm.mmmm</small>	<small>※Format : dddmm.mmmm</small>
Voyage No.	<input type="text"/>	
Distance	<input type="text"/> nm	Time Spent at sea <input type="text"/> h
Distance through ice	<input type="text"/> nm	Time through ice <input type="text"/> h
Average propeller revolution	<input type="text"/> rpm	
Average BHP	<input type="text"/> kw	
Sea State	<input type="text" value="v"/>	
Laden or Ballast	<input checked="" type="radio"/> Laden <input type="radio"/> Ballast	
+	FOC from last report [MTN]	
+	FOC for cargo Heating [MTN]	
+	FOC for Dynamic positioning [MTN]	
+	Bunkered [MTN]	
+	ROB [MTN]	
+	FOC from arrival to berth [MTN]	

ClassNK MRV Portal Monitoring on shore – Quick Reference Guide

You can find inserted event data.

Voyage Data / Monitoring << Prev [SINGAPORE / SUEZ] Next >> [Back to list](#)

Port Cargo Distance and time **Fuel** [MP View](#)

V/No. ※Ave.propeller revolution [Add New](#)

Place	Time(UTC)	FOC			※	Ave.BHP	Sea State	ROB			Bunker			Cargo heating		
		HSFO	LSFO	MGO				HSFO	LSFO	MGO	HSFO	LSFO	MGO	HSFO	LSFO	MGO
Noon	2016/07/16 08:00	105.0	0.0	0.0	75.000		4	-	-	-	-	-	-	-	-	-
Noon	2016/07/17 08:30	100.0	0.0	0.0	75.000		7	-	-	-	-	-	-	-	-	-
Noon	2016/07/18 09:30	101.0	0.0	0.0	75.000		4	-	-	-	-	-	-	-	-	-
Noon	2016/07/19 10:00	102.0	0.0	0.0	75.000		5	-	-	-	-	-	-	-	-	-
EOSP	2016/07/19 14:00	10.0	-	-				-	-	-	-	-	-	-	-	-
Arrival	2016/07/19 18:30	20.0	0.0	0.15	75.000			4783.27	0.0	612.4	-	-	-	-	-	-
Adjustment fuel from arrival to berth	2016/07/20 13:30	4.32	0.0	0.1				-	-	-	-	-	-	-	-	-
Consumption at sea		(1017.32)	(0.0)	(0.38)						(1887.85)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
Noon	2016/07/20 10:00	7.0	0.0	1.1			7	-	-	-	-	-	-	-	-	-
Adjustment fuel from arrival to berth	2016/07/20 13:30	-4.32	0.0	-0.1				-	-	-	-	-	-	-	-	-

N.A. : Not applicable (Not required for reporting)

Bunkered [Add New](#)

port	HSFO	LSFO	MGO
------	------	------	-----

ROB [Add New](#)

Place	HSFO	LSFO	MGO
-------	------	------	-----

➤ [Delete voyage data](#)

You can delete voyage data at once.

(Under development)

4. Submission of Monitoring Data

Voyage data stored in ClassNK MRV Portal will constitute “MRV Voyage Data” in accordance with MRV regulation.

Please find each MRV voyage data by “Monitoring – MRV Voyage Data” tab.

The screenshot displays the 'Monitoring - MRV Voyage Data' interface. On the left is a green sidebar with navigation options: Monitoring, Status, Voyage Data, MRV Voyage Data (highlighted), Pending Data List, API, Report Template, MP(Monitoring Plan), Status (*1 new items), List, and User Information. The main content area features a search filter with 'Ship' (dropdown), 'Year' (input), and an 'Exclude Submitted voyage' checkbox. A 'Search' button is present. Below the filter, it shows 'Showing records per page : 50' and '1 - 40 / 40'. The table below lists voyage data with columns: Error Mark, V/No., Departure (Dep.Time(UTC), Port), and Arrival (Arr.Time(UTC), Dep.Time(UTC), Port). A 'Submit' button is at the bottom right.

<input type="checkbox"/>	Error Mark	V/No.	Departure		Arrival		
			Dep.Time(UTC)	Port	Arr.Time(UTC)	Dep.Time(UTC)	Port
<input checked="" type="checkbox"/>		63A	2015/07/25 08:45	Port Elizabeth	2015/08/11 05:45	2015/08/11 11:00	Vigo
<input checked="" type="checkbox"/>		63A	2015/08/11 11:00	Vigo	2015/08/14 08:45	2015/08/14 18:30	ZEEBRUGGE-SEA RO
<input checked="" type="checkbox"/>		63A	2015/08/14 18:30	ZEEBRUGGE-SEAR O	2015/08/15 12:15	2015/08/17 13:30	Emden
<input checked="" type="checkbox"/>		63A	2015/08/17 13:30	Emden	2015/08/18 03:15	2015/08/19 12:45	Bremerhaven
<input checked="" type="checkbox"/>		63A	2015/08/19 12:45	Bremerhaven	2015/08/20 14:45	2015/08/21 20:30	Antwerpen
<input checked="" type="checkbox"/>		63A	2015/08/21 20:30	Antwerpen	2015/09/02 15:00	2015/09/03 18:45	BRUNSWICK
<input type="checkbox"/>		065A	2015/11/11 13:05	Port Said	2015/11/16 08:00	2015/11/16 20:20	Barcelona
<input type="checkbox"/>		065A	2015/11/16 20:20	Barcelona	2015/11/22 10:30	2015/11/23 19:25	ZEEBRUGGE-SEA RO
<input type="checkbox"/>		065A	2015/11/23 19:25	ZEEBRUGGE-SEAR O	2015/11/24 05:55	2015/11/25 01:10	Antwerpen
<input type="checkbox"/>		065A	2015/11/25 01:10	Antwerpen	2015/11/26 08:00	2015/11/26 17:10	Esbjerg
<input type="checkbox"/>		66A	2015/11/26 17:10	Esbjerg	2015/11/27 03:50	2015/11/27 23:30	Bremerhaven

If the MRV voyage data is correct, please check and click “Submit” button to submit the data for verification.

The screenshot displays the 'MRV Voyage Data' section of the ClassNK MRV Portal. On the left is a navigation menu with options like 'Monitoring', 'Status', 'Voyage Data', 'MRV Voyage Data', 'Pending Data List', 'API', 'Report Template', 'MP(Monitoring Plan)', and 'User Information'. The main area contains a search filter for 'Ship' and 'Year', a 'Search' button, and a table of voyage records. The table has columns for 'Error Mark', 'V/No.', 'Departure' (with sub-columns for 'Dep.Time(UTC)' and 'Port'), and 'Arrival' (with sub-columns for 'Arr.Time(UTC)' and 'Port'). The first five rows of the table have their 'Error Mark' checkboxes checked, and these checkboxes are highlighted with a red box. At the bottom right of the table area, a 'Submit' button is also highlighted with a red box. The table shows data for ship 63A and 65A, with various departure and arrival times and ports.

	Error Mark	V/No.	Departure		Arrival		
			Dep.Time(UTC)	Port	Arr.Time(UTC)	Dep.Time(UTC)	Port
<input checked="" type="checkbox"/>		63A	2015/07/25 08:45	Port Elizabeth	2015/08/11 05:45	2015/08/11 11:00	Vigo
<input checked="" type="checkbox"/>		63A	2015/08/11 11:00	Vigo	2015/08/14 08:45	2015/08/14 18:30	ZEEBRUGGE-SEA RO
<input checked="" type="checkbox"/>		63A	2015/08/14 18:30	ZEEBRUGGE-SEAR O	2015/08/15 12:15	2015/08/17 13:30	Emden
<input checked="" type="checkbox"/>		63A	2015/08/17 13:30	Emden	2015/08/18 03:15	2015/08/19 12:45	Bremerhaven
<input checked="" type="checkbox"/>		63A	2015/08/19 12:45	Bremerhaven	2015/08/20 14:45	2015/08/21 20:30	Antwerpen
<input checked="" type="checkbox"/>		63A	2015/08/21 20:30	Antwerpen	2015/09/02 15:00	2015/09/03 18:45	BRUNSWICK
<input type="checkbox"/>		065A	2015/11/11 13:05	Port Said	2015/11/16 08:00	2015/11/16 20:20	Barcelona
<input type="checkbox"/>		065A	2015/11/16 20:20	Barcelona	2015/11/22 10:30	2015/11/23 19:25	ZEEBRUGGE-SEA RO
<input type="checkbox"/>		065A	2015/11/23 19:25	ZEEBRUGGE-SEAR O	2015/11/24 05:55	2015/11/25 01:10	Antwerpen
<input type="checkbox"/>		065A	2015/11/25 01:10	Antwerpen	2015/11/26 08:00	2015/11/26 17:10	Esbjerg
<input type="checkbox"/>		66A	2015/11/26 17:10	Esbjerg	2015/11/27 03:50	2015/11/27 23:30	Bremerhaven

End