

# ClassNK

## PORT STATE INSPECTIONS POCKET CHECKLIST





## Pre-port arrival pocket checklist

### **Introduction**

This checklist is based on statistical analysis and investigation of the deficiencies pointed out by the Port State Control officers on ships classed by NK.

To minimize the risk of your ship being detained, the checklist should be used by the vessel's crew prior to arrival into port. The items identified in this checklist are concerning with the deficiencies which have resulted in PSC detention.

If any of the items identified in this checklist are not in good working condition, the crew should take appropriate actions to rectify the deficiencies noted prior to arrival into port. The checklist is organized according to distinct areas on a ship for your easy reference.

This checklist is pre-port arrival checklist. Accordingly, more detailed checklist (GOOD MAINTENANCE ON BOARD SHIPS etc.) should be used for onboard routine maintenance programs.

# Master's Office

## Certificates

The original certificates are onboard and properly endorsed. Servicing certificates for fire fighting and lifesaving equipment are up to date and available.

## STCW

The vessel's crew members hold an appropriate certificate issuing under the STCW 78/95 and STCW certificates are properly endorsed by the flag states.

## Manuals

The appropriate manuals and booklets are onboard and up to date as applicable including training manuals, trim and stability booklet, loading manual, cargo securing manual, SOPEP, grain loading manual, damage control plan, maintenance manuals, and oil record book, etc.

## Safe Manning Document

The minimum safe manning certificate is provided onboard and actual number of crew is confirmed.



# Bridge

**Nautical Publications**

The latest publications are onboard for ready reference. (tide table, list of lights, list of radio signals, etc.)

**Charts**

Charts and Notice to Mariners are up to date.

**Logbook**

Ship's drill (abandon ship, fire, steering), weekly/monthly tests, and proper maintenance are recorded in Logbook.

**Lifejackets and Immersion Suits**

Lifejackets with light & whistle and immersion suits are in good condition.

**Magnetic Compass**

The magnetic compass is adjusted for proper working condition and the deviation card is calibrated.

**Lights, Shapes, Sound-signals**

The daylight signal lamp, emergency lights, and navigation lights are in good working condition. The navigation lights are properly fitted as shown in the drawing.

**Fire Detection**

The fire alarm & fire detection system is working in order.

**GMDSS**

The crew can operate the MF/HF radio installation using AC and DC power.

**EPIRB / AIS / VDR / Echo sounder / Radar Transponder / VHF**

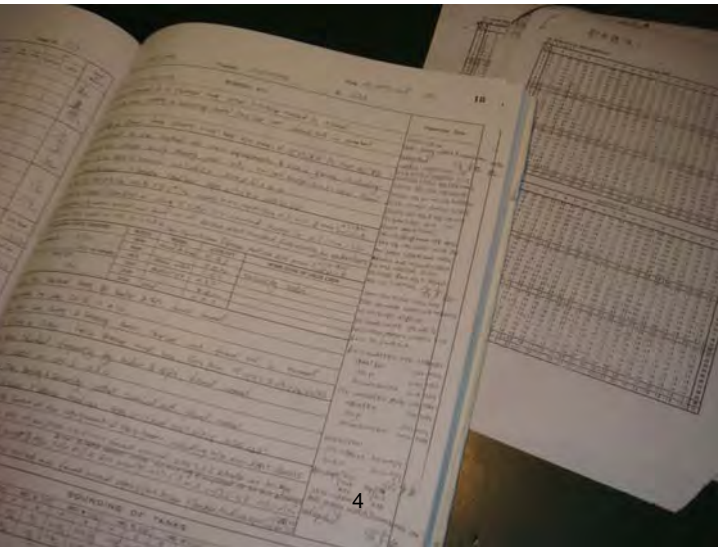
The equipments are in good working order. Battery is not expired.

**Life Buoy**

Quick release system with buoyant smoke signal & self igniting light attached to life buoy is in good working condition. Buoyant smoke signal is not expired.

**Line-throwing appliances / Distress flares**

The equipments are in satisfactory condition with valid dates.



## Accommodation

**Fire Doors**

The self closing devices of fire door are working in order.

**Fire Extinguishers**

Fire extinguishers have been serviced as required and properly marked with date of servicing.

**Fire Fighting Equipment**

Fireman's outfits are in good condition and torch is working in order. The cylinder for breathing apparatus is properly serviced.

**Fire Control Plan**

Fire control plan is in place and up to date.

**Lifejackets and Immersion Suits**

Lifejackets with light & whistle and immersion suits are in good condition.

**Emergency Lighting**

Emergency lights are in good working condition.

**Sanitary Facilities**

Sanitary facilities are clean and functioning correctly.

## Outside of Accommodation

**Fire Fighting Equipment**

Hose box, fire hose, and nozzle are in good condition. All hydrants are operating normally.

**Life Buoy**

Life buoys are in good condition.

**Emergency Lighting**

Emergency lights are in good working condition.

**Ventilators**

The external ventilation trunk is not wasted and “Close-Open” is clearly marked.

**Fire Dampers**

The fire dampers are in good working condition and periodically examined internally. Dampers flaps are structurally sound.

**Funnel**

Funnel is not corroded. Funnel damper is properly operating and “Close-Open” is clearly marked.



# Survival Craft & Launching arrangement

## Lifeboats

The lifeboat structure (hull, seats/thwarts, flooring, release hook, release gear) is properly maintained with no wastage, rot, or damage.

## Lifeboat Engine

Lifeboat engine is normally operating (engine shall be started within 2 minutes at ambient temperature of  $-15^{\circ}\text{C}$ ).

## Lifeboat Inventory

Lifeboat inventory is as required and not expired.

## **On-load Release Gear**

**(One of the top three detainable items)**

On-load release gear is normally operating and properly reset. (strictly observe the instruction manual)

## Lifeboat and Liferaft Davit

Davits are not corroded and in good working condition. Sheaves and loose gear are not worn. Wires have been serviced and changed out as necessary. Launching instructions are clearly posted.

## Liferrafts

Liferrafts have been serviced by an approved servicing company with proper servicing certificates. Liferrafts are properly secured and





launching arrangements are in good condition with no obstruction for float free operation.

**Embarkation Arrangement for Survival Craft**

Embarkation ladders are in good condition.

**Emergency Lighting**

Emergency embarkation lights are in good working condition.



# Steering Gear Room (incl. Em'cy Fire Pump)

- Emergency Fire Pump**

**(One of the top three detainable items)**

Emergency fire pumps are proper working condition (gauges operational, priming pump functioning, adequate deliver pressure). Isolating valve is operating normally.

- Steering Gear**

The main and emergency steering gear has been tested and is functioning properly.

- Emergency Lighting**

Emergency lights are in good working condition.



## Deck Area

**Decks**

Decks are not corroded, holed, cracked, and buckled.

**Hatch Coamings and Bulwarks**

Hatch coamings and bulwarks are not corroded, holed, cracked, and buckled.

**Railings and Cat Walks**

Railings and cat walks are not corroded, holed, and wasted.

**Cargo and Other Hatchways**

Hatch covers are in good condition with securing devices adequate and in place.

**Weathertight Doors**

Weathertight doors are in good condition and secured correctly.

**Air Pipes and Ventilators**

Air pipes and ventilators are in good condition with no corrosion, crack, and hole.

Disc floats of air pipe and closing devices are not damaged and stuck. "Close-Open" is clearly marked.



**Fire Dampers (One of the top three detainable items)**

The fire dampers are in good working condition and periodically examined internally. Dampers flaps are structurally sound.

- Fire Main**  
No leakage from fire main in running condition.

- Fire Extinguishers**  
Fire extinguishers have been serviced as required and properly marked with date of servicing.



- Fire Fighting Equipment**  
Hose box, fire hose, and nozzle are in good condition. All hydrants are operating normally.

- Life Buoy**  
Life buoys are in good condition.

- Navigation Lights**  
Navigation lights are in good working condition.

- Winches, Capstans and Anchoring Devices**  
Winches, capstans and anchoring devices are in good condition.

- Lifejackets and Immersion Suits**  
Lifejackets with light & whistle and immersion suits stowed in bosn's store are in good condition.

# Engine Room

**Cleanliness of Engine Room**

Tank tops and bilges are clean. Tools and equipment are stored properly and emergency exits are clear.

**Jacketed Piping System for High Pressure Fuel Lines**

High pressure fuel lines are jacketed and spray shields in place as required. Leakage alarm is in working order.

**Piping**

All piping is not leaked and without soft patch.

**Oil Filtering Equipment (Oily Water Separator)**

Oil filtering equipment is working correctly. The casing of oil filtering equipment and the discharge line are not corroded and wasted. Inside of discharge line is not oily and dirty. No by-pass line is fitted.

**15 PPM Alarm Arrangement**

15 ppm alarm is properly functioning including automatic stopping devices, alarm, and gauges.

**Oil Record Book**

Maintenance works for piping and oil filtering equipment are properly recorded.

**Fire Doors**

The self closing devices of fire door are working in order.



- Fire Extinguishers**  
Fire extinguishers have been serviced as required and properly marked with date of servicing.



- Fire Fighting Equipment**  
Fireman's outfits are in good condition and torch is working in order. The cylinder for breathing apparatus is properly serviced.
- Lifejackets and Immersion Suits**  
Lifejackets with light & whistle and immersion suits are in good condition.
- Emergency Lighting**  
Emergency lights in engine room, engine control room, and escape trunk are in good working condition. Guards for light are not damaged.
- Propulsion Main Engine**  
All components are functioning correctly.
- Auxiliary Engines**  
All auxiliary engines are in good working order.
- Fire Pump**  
Fire pump is in good working order with adequate pressure.
- Emergency Shut-off Valves**  
Emergency shut-off valves on FO tanks are operating normally.

## Other Space

**Batteries**

Specific gravity of acid, liquid level and terminal voltage of batteries are sufficient.

**Emergency Generator**

Emergency generator is able to be easily operated and connected to switchboard.

**Fixed Fire Extinguishing Installation**

Bottles are correctly serviced and dated. Release mechanisms are in good condition and in place. Fire protecting system (fixed system or portable extinguisher) in paint store is in good working condition.

**Emergency Lighting**

Emergency lights are in good working condition.



# **ClassNK**

**NIPPON KAIJI KYOKAI**

4-7, Kioi-cho, Chiyoda-ku, Tokyo 102-8567, Japan

Tel: +81-3-5226-2027 FAX: +81-3-5226-2029

e-mail: [svd@classnk.or.jp](mailto:svd@classnk.or.jp) (Survey Department)

©2009, Nippon Kaiji Kyokai