

The efforts of Korea Coast Guard to combat COVID-19



The Efforts of the Korea Coast Guard to Combat COVID-19



(This information has been organized into nine fields based on the public relations data released in the meantime.)

By effectively implementing thorough maritime blocking and disinfection and quarantine measures against the spread of COVID-19, the Korea Coast Guard (KCG) has achieved an excellent performance with no confirmed COVID-19 patients so far since January 29 when the Comprehensive Emergency Response Team were established. KCG will always do our best maintaining our alertness until the total elimination of COVID-19 in this land.

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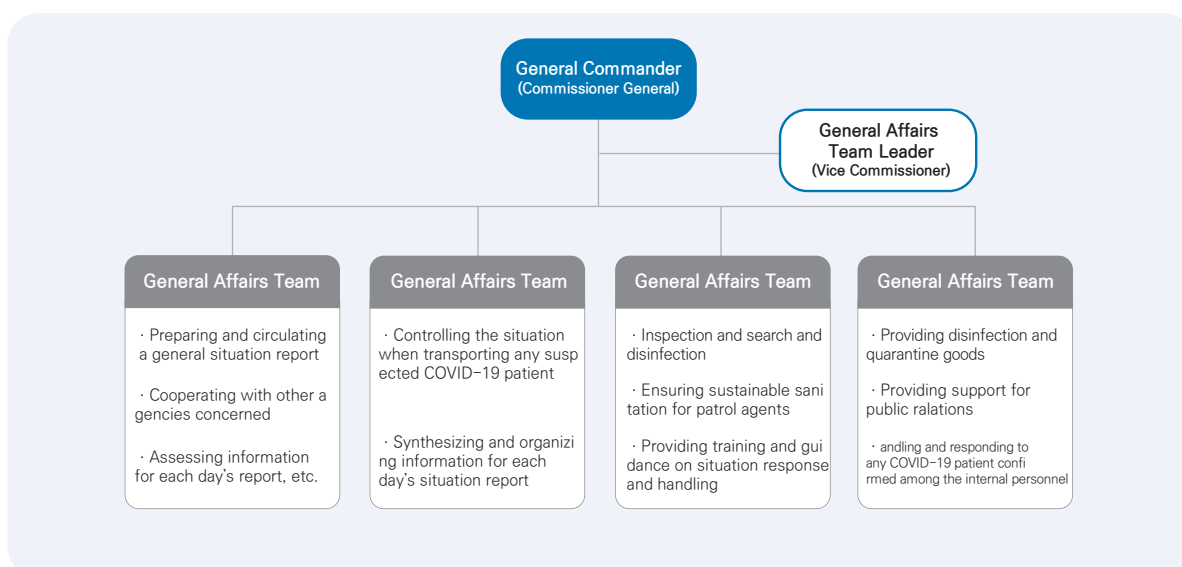
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1 Operation of the Korea Coast Guard's Own General Situation Task Forces against COVID-19

Operating the Comprehensive Emergency Response Team

Operating the Comprehensive Emergency Response Team

Starting from January 29, 2020, the Korea Coast Guard (KCG) established Comprehensive Emergency Response Team in its Headquarters and 28 affiliated agencies nationwide under its control and has since been maintaining real-time understanding and management of the current situation by thoroughly checking for any suspected COVID-19 patient among ordinary people or among KCG officers on the sea or on islands through KCG commander Center

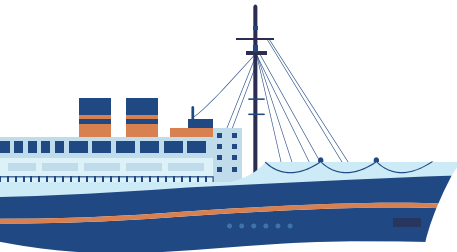


Holding situation assessment meetings

The Korea Coast Guard holds a situation assessment meeting presided over by the Commissioner or Vice Commissioner each morning, thereby managing the previous night's situation, and conducts regular assessment meetings twice a week, thereby discussing ways of coping with the situation in the future as well as any possible future policies.

2

Preparation of a Manual on Crackdown, Maritime Inter and Capture of Foreign Fishing Vessels



Implementing an eviction operation instead of capturing foreign vessels

Making a manual on how to crack down on foreign fishing vessels and how to handle any such vessel after capturing it

Commanding officer making on-site visits and establishing an inspection system

Implementing an eviction operation instead of capturing foreign vessels

The Korea Coast Guard has expressed its intention to crack down on foreign fishing vessels mainly in such a way as to evict them from Korean territorial waters for the time being because of COVID-19 and launch an operation to seize any foreign vessel in accordance with the step-by-step rules of conduct if unavoidable for any good reason, such as serious suspicions about the vessel.

Making a manual on how to crack down on foreign fishing vessels and how to handle any such vessel after capturing it

The Korea Coast Guard has made and distributed copies of a special COVID-19 response manual that explains the entire course of action, including preparations, before inspecting and searching a vessel, precautions when inspecting, searching and seizing the vessel, the process of sending the seized vessel under escort to a wharf and investigating it, and post-disinfection of it.

Commanding officer making on-site visits and establishing an inspection system

The commanding officer and his staff have visited patrol vessels, substations, aviation units, rescue teams, etc. and inspected the infection prevention activity status of the on-site departments.

Modified crackdown exercises on foreign fishing vessels due to COVID-19

Because of COVID-19 concerns, crackdown exercises on foreign fishing vessels have been modified overall in order for the special manual to be properly followed on-site. Disinfection and quarantine measures have also been further reinforced by making it compulsory to equip the on-site KCG crackdown team with all the necessary disinfection and quarantine supplies before it carries out an conducting inspection and by making sure that it communicates with the relevant quarantine inspection station in advance, etc. Masks, thermometers, various disinfectants, and even protective clothing must not be omitted from the disinfection and quarantine supplies to be prepared before the crackdown team members board a high-speed boat

The commander himself visits the site to conduct the inspection ▼



Modified crackdown exercises on foreign fishing vessels due to COVID-19 ▼



3 Special Crackdown on Maritime Crimes Related to COVID-19

Special crackdown on acts of smuggling disinfection and quarantine goods, including masks, into and out of South Korea

Special crackdown on foreign sailors violating the self-quarantine rule



Special crackdown on acts of smuggling disinfection and quarantine goods, including masks, into and out of South Korea

Special crackdown plan

The Korea Coast Guard launched a special crackdown operation effective from February 11, 2020 in order to prohibit the marine smuggling of disinfection and quarantine goods for use against COVID-19 into and out of South Korea, as well as to block the inbound smuggling of animals and foods.

This special crackdown has recently blocked acts of illegally taking personal disinfection and quarantine goods, including domestic masks and hand washes, out of the country, which are linked to acts of cornering and hoarding such goods. The main crackdown targets include acts of cornering and hoarding medical masks and hand sanitizers, the acts of illegally taking them out of the country by sea, and the inbound smuggling of wild animals suspected of serving as a host for COVID-19, as well as goods produced by processing them. The special crackdown focuses on the criminal acts of closely linked professional brokers in and outside South Korea with respect to the outbound smuggling of personal disinfection and quarantine goods in particular, thereby fundamentally blocking acts that disturb the order of the market economy.

In addition, the Korea Coast Guard has intensively cracked down on the marine smuggling of not only wild animals and goods produced by processing them, the import of which is banned or of which must go through due import procedures in order to prevent further spread of COVID-19 in South Korea but also medicines manufactured using such goods as raw materials.

The regional coast guards have organized their respective special crackdown teams, thereby concentrating on their intelligence collection and crackdown activities more intensively, and have reinforced the maritime quarantine inspection network in concert with the agencies concerned such as the Korea Customs Service and the Ministry of Food and Drug Safety.

Main cases

the Central Regional Coast Guard (CRCG) uncovering a criminal ring who manufactured and exported more than 90,000 fake hand sanitizers

uncovering a criminal ring who manufactured and exported more than 90,000 fake hand sanitizers) In the Five West Sea Islands Guard Unit of the Central Regional Coast Guard, maritime police officers are showing the unlicensed hand sanitizers which they have secured from the criminal ring who manufactured them and exported some of them to foreign countries. The three people including the hand sanitizer manufacturer were booked without physical detention by the CRCG for illegally exporting 94,000 unlicensed hand sanitizers (worth KRW 1.5 billion) to foreign countries.

the Central Regional Coast Guard (CRCG) uncovering a criminal ring who manufactured and exported more than 90,000 fake hand sanitizers ►



Special crackdown on foreign sailors violating the self-quarantine rule

Special crackdown plan

The Korea Coast Guard launched a special crackdown on foreign sailors violating the self-quarantine rule in relation to COVID-19 on April 8, 2020.

According to the current employment figures for foreign sailors in Korea as of 2018, the number of employed foreign sailors is more than 26,000. The Korea Coast Guard launched this special monitoring system because of concerns that they might violate the mandatory self-quarantine period and begin to engage in fishing activities.

The space in a fishing vessel is narrow and densely populated with sailors, and in the event of the occurrence of any infectious disease in the vessel, the sailors may suffer great damage. Therefore, the Korea Coast Guard plans to set up special crackdown teams in coast guard stations nationwide and carry out publicity activities in order to prevent any self-quarantine violation case while taking strong legal measures against any uncovered act of leaving a place of self-quarantine without permission.

In addition, any person who has violated the self-quarantine measures may be punished by imprisonment for not more than one year, or by a fine not exceeding KRW 10 million.

Main case: Arresting foreign sailors who left a place of self-quarantine without permission

Amid the ongoing implementation of the measures requiring a mandatory 14-day self-quarantine from April 1, 2020, maritime police arrested three foreign sailors who had violated the self-quarantine rule on April 1, April 2 and April 7 respectively, together with the shipowner.





◀ Emergency transport to land by helicopter of pneumonia patients admitted to Ulleung Medical Center



Immediately after landing, Gangneung Aerospace University's ▲ helicopters and operating personnel carried out self disinfection

4 Measures for Emergency Transportation of Any Suspected COVID-19 Patient Discovered on the Sea or in an Island Area



Preparing an SOP for transporting suspected COVID-19 patients

Inspecting the transporting personnel's preparedness for transporting suspected COVID-19 patients

Main case: Emergency transportation of a suspected COVID-19 patient (pneumonia)

Preparing an SOP for transporting suspected COVID-19 patients

The Korea Coast Guard has established a Standard Operating Procedure (SOP) for the whole rescue process ranging from the stage of preparations for patient transportation to the stage of patient tracking in the event of any suspected COVID-19 patient being discovered on the sea or in an island area.

Inspecting the transporting personnel's preparedness for transporting suspected COVID-19 patients

The commanding officer implements an on-site inspection directly under the supervision of the relevant Regional Coast Guard in order to ensure that the SOP for transporting suspected COVID-19 patients operates effectively on-site.

Standard Operating Procedure for transporting suspected COVID-19 patients

I .Preparation for patient transportation
(patrol vessel, aircraft)

- In case there is a request to transport any suspected COVID-19 patient (check and contact the public health center, etc. in the area of the patient's location first of all)
 - ① Patient transporting vessel: Use a medium-sized vessel with few members and an isolated compartment.
 - * If it is impossible to use such a vessel, use a small-sized or large-sized vessel.
 - * Restrict the use of any aircraft in which people are concerned to be at a higher risk of COVID-19 infection due to any compartment being not separated. Use a medical helicopter for patient transportation if possible.
 - ② Prepare personal protective equipment and medical waste containers.

For suspected COVID-19 patients	For transporting personnel
Disinfection masks and gloves	Full-body protective clothing (including overshoes), disinfection masks, gloves, safety goggles

- ③ Make sure that the transporting personnel wear personal protective equipment before contacting the patient.



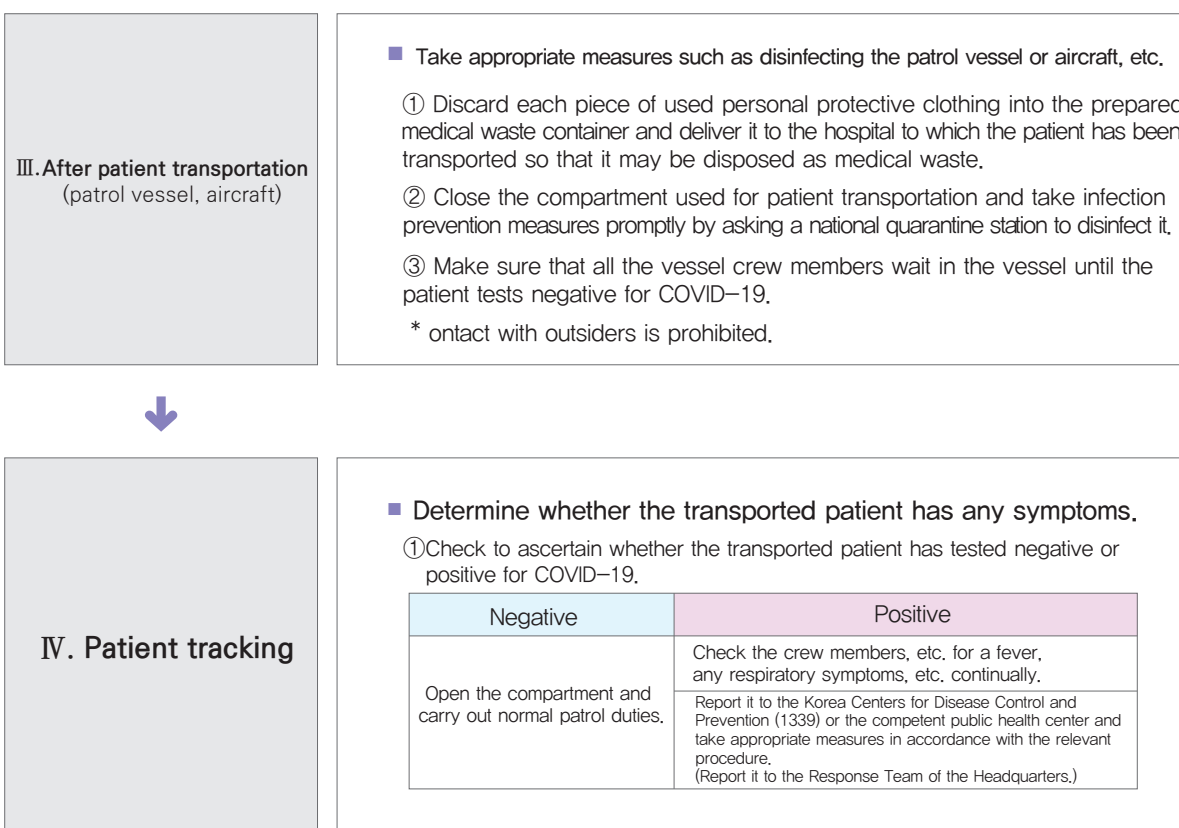
- In the event of a situation requiring the transportation of an emergency patient
 - ① Make sure that the rescue personnel wear personal protective equipment in advance.
 - ② Take a health history of the patient, including checking for a fever (37.5°C or higher).
 - ③ If the patient has any symptoms of suspected COVID-19 infection, such as a fever, respiratory symptoms (coughing, sore throat), pneumonia, etc., check to ascertain whether he/she has contacted any person who has visited abroad previously or any confirmed COVID-19 patient.
 - ④ If the patient is presumed to be a suspected COVID-19 patient, report it immediately to the Korea Centers for Disease Control and Prevention (1339) or the competent public health center by way of command center.



II .Preparation for patient transportation
(patrol vessel, aircraft)

- Make sure that any suspected (confirmed) COVID-19 patient wears personal protective equipment.
 - ① Make sure that any patient suspected to have a disease wears a mask and a pair of gloves.
- Isolate the patient and minimize contacts with him/her.
 - ① Make sure that the patient moves into the isolated compartment with the vessel crew.
 - ② Minimize contacts with the patient by allowing only the rescue personnel, etc. to contact him/her.
 - ③ If possible, allow a public health doctor and a healthcare practitioner to board the patient transporting vessel or aircraft.
 - ④ Make it a principle to use single-use devices when giving first aid to the patient, and disinfect or dispose of the used equipment.
- Transport the patient after laying him/her down or while allowing him/her to stay seated according to his/her condition.





Main case: Emergency transportation of a suspected COVID-19 patient (pneumonia)

from Ulleungdo Island by the Eastern Regional Coast Guard) The Eastern Regional Coast Guard urgently transported Ms Park (aged 86), a pneumonia patient admitted to Ulleung-gun Health Center and County Hospital on April 20, 2020 to the Korean mainland by means of a helicopter. After receiving a report of the pneumonia patient from Ulleung-gun Health Center and County Hospital at around 4:48 p.m. on the same day, the Eastern Regional Coast Guard dispatched a helicopter to Ulleungdo Island and urgently transported her to a mainland hospital for accurate medical treatment although a medical specialist in Ulleung-gun Health Center and County Hospital said that she had no symptoms of suspected COVID-19.

he Eastern Regional Coast Guard ensured that every crew member wore anti-infection protective clothing, a D-type mask and a pair of protective gloves in accordance with the SOP before the helicopter took off, and then dispatched the helicopter to Ulleungdo Island, where the crew had three people including the patient get into the helicopter, landed it at the Hyeongsan River and then handed over the patient to the ambulance waiting there, which transported her to Pohang St. Mary's Hospital.

Immediately after the Gangneung Aviation Unit helicopter landed, the helicopter operating personnel took infection prevention measures for the helicopter as well as for themselves for concern of the possibility that the pneumonia patient might test positive for COVID-19. She was transferred to a general ward after being determined to be an ordinary pneumonia patient as a result of accurate medical treatment.



5

Postponement of National Qualification Tests and Implementation of Outdoor Auxiliary Police Recruitment Test

Preemptively postponing test schedules
Conducting an outdoor written test for recruitment of auxiliary police

Preemptively postponing test schedules

As the COVID-19 crisis warning level is still maintained at 'severe', two national qualification tests and one recruitment test, which are presided over by the Korea Coast Guard, have been postponed indefinitely.

All the schedules of 11 testing places for the 2020 National Rescue Swimmer Qualification Test planned to be implemented from February 29 have been postponed temporarily. Operation of the PC testing places for a motorized water leisure craft operator license test was also suspended temporarily in March. The Korea Coast Guard also has indefinitely postponed all the selection schedules, including the First 2020 Written Tests for recruitment of Korea Coast Guard Officers and Civil Servants Belonging to the Korea Coast Guard.

Public notice of postponement of the schedule for the First 2020 Maritime Police Officer Employment Test

※ A PC testing place is a place for taking a written test in order to obtain a motorized water leisure craft operator license, and there are 18 PC testing places nationwide. 21,379 people took the written test in 2019, and the accumulated number of people who have taken the written test for this license since the year 00 when this license test system was implemented is 374,049.

Public notice of postponement of the schedule for the First 2020 Maritime Police Officer Employment Test

Conducting an outdoor written test for recruitment of auxiliary police

A written test for recruitment of auxiliary police was conducted outdoors for the first time by the five Regional Coast Guards nationwide in order to prevent COVID-19 infection. Tents were installed outside the main office building of each Regional Coast Guard, as well as on their playgrounds, as testing places. In order to avoid contact between applicants as much as possible, they were kept staying more than 2 meters away from each other, thereby blocking the spread of any virus through respiratory organs (virus infection through flying droplets).

After designating a disinfection and quarantine officer responsible for the overall disinfection and quarantine matters, each testing place was thoroughly controlled against COVID-19 infection by ensuring that each applicant wore a mask, checking him/her for a fever before entry, and disinfecting the testing place. The risk of COVID-19 infection was blocked in advance by checking for any confirmed or suspected COVID-19 patient among the applicants and ascertaining the health condition, etc. of each applicant in the areas of Daegu and Gyeongsangbuk-do. 261 people were recruited from among a total of 772 applicants in the two auxiliary police recruitment tests conducted outdoors in March and April, 2020.

The Korea Coast Guard conducted auxiliary police recruitment tests outdoors.



6 Special Disinfection and Quarantine Activities for Foreigners and Foreign Vessels

Carrying out wholehearted COVID-19 prevention
activities for foreign vessels entering South Korea
Main case: Wando and Pohang Coast Guard Stations



▲ Conducting COVID-19 Preventive Activities for Foreign Sailors

Main case: Wando and Pohang Coast Guard Stations

The Wando Coast Guard Station conducted an on-site COVID-19 response inspection of 10 vulnerable places and two ports closed to foreign vessels and took emergency disinfection and quarantine measures for 36 foreigners from three foreign vessels including Vessel MING YANG (foreign vessel, 1,997 tons) which called at Gwangsan Wharf on Nohwado Island on March 19, 2020.

The Pohang Coast Guard Station informed foreign vessels arriving at Pohang New Harbor and Yeongilman Harbor of requirements for the wearing of disinfection items including a mask, refraining from landing, etc. from February 4, 2020 and reinforced preventive activities against people stowing away on ships, including those trying to smuggle themselves into South Korea.

Carrying out wholehearted COVID-19 prevention activities for foreign vessels entering South Korea

The Korea Coast Guard conducted special disinfection and quarantine activities aimed at vulnerable places frequented by foreigners and foreign vessels. These COVID-19 infection prevention activities were carried out by checking foreign sailors for a fever, reporting the occurrence of any suspected coronavirus symptoms, etc. By establishing a collaboration system with other organizations concerned including shipping companies in particular, the Korea Coast Guard always ascertained whether any foreign vessel called at a port and concurrently checked for not only outbound smuggling of any disinfection and quarantine goods through foreigners but also any goods prohibited from being brought into South Korea.

▼ Conducting COVID-19 Preventive Activities for Foreign Sailors



7 Support for Special Disinfection and Quarantine Activities for Vessels Used by Many People and Poorly-Equipped Fishermen

Carrying out disinfection and quarantine work for vessels used by many people (fishing boats)

Carrying out disinfection and quarantine work for vessels used by many people (fishing boats)

During the early days of COVID-19 spread, quarantine inspection was reinforced for train stations, airports, etc. where many people come and go. Accordingly, the Korea Coast Guard conducted special disinfection and quarantine activities for fishing boats, which are used by many people on the sea and may be quarantine inspection blind spots.

These disinfection and quarantine activities were in line with public opinion on the necessity of disinfection and quarantine measures aimed at fishing boats because of the concern of a high risk of COVID-19 infection in light of people gathering around fishing boats from various places by virtue of its characteristics as the number of confirmed COVID-19 patients continued to show an upward trend.

Coast guard stations provided direct assistance for the disinfection and quarantine work and offered education on the guidelines for infection prevention as well. In particular, they took measures against the spread of the infectious disease by advising people boarding each fishing boat to report any suspected case of infection immediately upon discovering it on the boat, thereby making its port entry necessary.

Main case

The Pohang Coast Guard Station carried out disinfection and quarantine work for the fishing boats, which were used by many people, and the fishery products auction houses of the Fisheries Cooperatives in concert with the substations (Yeongilman, Pohang, Homigot, Guryongpo and Gampo substations) under the Pohang Coast Guard Station, Gyeongsangbuk-do Branch of the Korea Maritime Rescue and Salvation Association, the Fisheries Cooperatives, and the fishing boat operators in order to prevent the spread of COVID-19 infection in the fishing boats (vessels used by many people), the fishery products auction houses from 2 p.m. on March 3, 2020.

Carrying out disinfection for fishing boats and the fishery products auction houses, etc. ▼



14 Support for Special Disinfection and Quarantine Activities for Vessels Used by Many People and Poorly-Equipped Fishermen



The Tongyeong KCG substation of the Tongyeong Coast Guard Station carried out disinfection and quarantine work for the workplaces and over 60 vessels in two designated areas (Punghwa-ri and Ma-dong, Sanyang-myeon, Tongyeong City) for intensive management of vessels used by many people within its jurisdiction.

Although 60 to 70% of those who visit places within its jurisdiction to enjoy leisure activities and fishing are people from other areas, the workplaces cannot help doing business in order to make a living. Therefore, the Tongyeong substation inevitably decided to provide disinfection services for the workplaces within its jurisdiction and carried out the disinfection work for them. The Tongyeong Coast Guard Station has continued disinfection work on Mondays and Thursdays before and after every weekend when many people visit places within its jurisdiction.

Mr. ○○○, Chief of Notification Agency, in a substation in Tongyeong, expressed his gratitude by saying, "I am grateful of the Coast Guard who worked out disinfection and quarantine jobs for business people who have to do business in order to make a living."

◀ Carrying out disinfection activities for multi-use ship sites and ships

As many anglers landed on Chujado Island on the occasion of a black seabream season, the Jeju Coast Guard Station focused on safety management by advising anglers to wear a life jacket, etc. while being fully committed to promoting the COVID-19 safety rules by checking each angler arriving at the island by passenger ship for fever, etc.

Being delicious and expensive, the black seabream is one of the most popular species of fish in South Korea. Black seabreams are mainly caught between late fall and early spring of the following year. Chujado Island in Jeju has recently been crowded with anglers by virtue of rumors that black seabreams have increased greatly.

The Tanggeut substation of the Wando Coast Guard Station provided visiting publicity services for the vessels used by many people (passenger ships, fishing boats, ferryboats) regarding the disinfection and COVID-19 prevention rules in order to prevent the spread of COVID-19.

As travelers increased along with the beginning of the spring season, the substation carried out disinfection work for COVID-19 prevention on the vessels used by an unspecified number of people and the fishing vessels and engaged in preventive activities by encouraging mask wearing, keeping hand sanitizers in place, and taking the body temperature of each crew member.

▼ Checking body temperature of fishing boat crew



The Changwon Coast Guard Station provide free-of-charge sterilization services for local poorly-equipped fishermen in order to relieve their anxiety and prevent COVID-19 infection.

The Coast Guard Station carried out disinfection work for the Maritime Autonomous Disaster Control Unit's ship in Gwangam Harbor and over 30 small fishing vessels anchored in the harbor, and staff members of the substations in the area also provided disinfection services for small ships and vessels used by many people.

The Changwon Coast Guard Station has continuously expanded disinfection services until COVID-19 fades away by increasing such services not only for maritime autonomous disaster control units (in Gwangam-Haengam, Jamdo, Jindong/Gusan-myeon, and Dongseon Harbors) and poorly-equipped fishermen in ports and inlets who wanted such services but also for fishing boats and sightseeing boats.

▼ Providing disinfection services for multi-use vessel



Conducting COVID-19 prevention activities for foreign sailors▲

8 Public Support Services in Terms of Pain Sharing

Urgently providing disaster control
items stockpiled for an emergency for Daegu City
Providing custom-made disinfection services against
COVID-19 for the vulnerable class in island areas
Delivering gifts of encouragement to a social welfare facility
Blood donation campaign of love
Korea Coast Guard's music band playing a
consolation concert for Korea
Waging a local aquatic product consumption campaign
Korea Coast Guard delivering a donation
KCG Commissioner having a luncheon meeting
at Incheon Complex Fish Marke
KCG cafeteria closed for the time being to boost local economy

Personal protective equipment being taken out of a
disaster control storage base ▼



Urgently providing disaster control items stockpiled for an emergency for Daegu City

The Korea Coast Guard (KCG) provided 10,000 sets of personal protective equipment it held to Daegu City in line with the pan-government all-out support for countermeasures against COVID-19 in the areas of Daegu and Gyeongsangbuk-do.

Kim Hong Hee, Commissioner of the Korea Coast Guard, provided 50,000 sets of personal protective equipment including masks as the first round of support for the areas of Daegu and Gyeongsangbuk-do on February 27, 2020 when serving as Commissioner of the Southern Regional Coast Guard. As the second round of support, he provided the areas with goods capable of being used not only in an area of ocean pollution but also in the field of disinfection work against an infectious disease.

The personal protective equipment provided by the Commissioner of the Korea Coast Guard is emergency items stockpiled in three disaster control storage bases located in Daesan, Ulsan and Gwangyang, and 10,000 sets of stockpiled personal protective equipment excluding urgently needed items were quickly provided to the Daegu Disaster and Safety Countermeasures Headquarters.



Providing custom-made disinfection services against COVID-19 for the vulnerable class in island areas

Coast guards provided custom-made disinfection services for 12 vulnerable class households including old people living alone, village halls, and public libraries.

According to the Wando Coast Guard Station, three emergency disinfection service teams were organized, and they visited vulnerable class households including old people living alone in an island area including Nohwado Island and Bogildo Island, who had been overlooked in regard to disinfection work against COVID-19. They disinfected every place, helped the vulnerable class people to prevent the spread of COVID-19 infection, donated masks to each individual, and engaged in publicizing the COVID-19 prevention rules.

○○○, deputy head of in Nohwado village, expressed his gratitude to the Wando Coast Guard Station by saying, "I feel safe because the officers of Nohwa substation have visited and disinfected our homes when personal sanitation and a clean environment are important due to the spread of COVID-19 infection."



▲ Carrying out customized disinfection for public libraries



▲ Providing customized disinfection services for vulnerable social groups in the jurisdiction

Delivering gifts of encouragement to a social welfare facility

The Incheon Coast Guard Station delivered gifts of encouragement to 'Seong-Eon's House', a social welfare facility, on April 8, 2020. The Incheon Coast Guard Station said that although they had temporarily stopped visiting old people living alone, social welfare facilities, and long-term care hospitals as part of their customary volunteer service activities, they delivered commemorative gifts to Seong-Eon's House after judging that sharing something with the socially disadvantaged including old people living alone was urgently needed.

A person working for Seong-Eon's House said, "The Incheon Coast Guard Station's help is a great encouragement for us when we are having difficulties because the number of organizations visiting us has significantly decreased due to COVID-19."

Blood donation campaign of love

The Korea Coast Guard rolled up its sleeves to join a blood donation campaign because the number of local community blood donors was decreasing in the aftermath of the COVID-19 infection spread. Many KCG officers and auxiliary police donated blood with warm heart at bloodmobile of the Korean Red Cross, which arrived at the Korea Coast Guard HQs at 10 a.m. on February 12, 2020.

The Korea Coast Guard joined the campaign at the earnest request of the Blood Services Headquarters of the Korean Red Cross, which expressed concerns that the blood reserves would likely decrease to a three-day supply, far short of the adequate five-day supply. In addition, the Korea Coast Guard not only encouraged its affiliated agencies nationwide, including the Regional Coast Guards, to donate blood but also pushed ahead with group blood donation by region, and as a result they joined forces in overcoming the crisis of blood demand and supply



Photographs of group blood donation ▲

Korea Coast Guard's music band playing a consolation concert for Korea

The Korea Coast Guard organized a consolation concert as part of a program encouraging all the people to overcome the COVID-19 crisis. This music concert held in the underground practice room of its Headquarters building was planned with the intention of helping people feel healed even just a little through music. The music performance was shown online only because of concern of COVID-19 infection. In particular, this concert was based on the ideas worked out by auxiliary police members serving as soldiers in the Korea Coast Guard.

One auxiliary police member expressed his feelings: "Instead of feeling bad about not being able to go outside freely, even as I think citizens outside are also having a hard time like our hearts....," he said. "we, auxiliary police, will cheer up enough to reach Daegu where my parents live."



◀ Korea Coast Guard band' consolation performance for Korea

Waging a local aquatic product consumption campaign)

The Korea Coast Guard waged an aquatic product consumption campaign with the Ministry of Oceans and Fisheries in order to encourage the small business owners who are suffering hardship due to COVID-19. In order to contribute to revitalizing local economies, KCG also purchased 1,269 aquatic product sets worth KRW 54 million for use as main foods and side dishes for patrol vessels from March 27 through April 10.

This event was participated in by fisheries cooperatives nationwide including the Jeju Fish Farming Fisheries Cooperatives, the Southwestern Seawater Fish Farming Fisheries Cooperatives, the Tongyeong Sea Squirt Fisheries Cooperatives, and the Wando-Geumil Fisheries Cooperatives. "After waging a fundraising campaign for the areas of Daegu and Gyeongsangbuk-do (about KRW 59 million) in March, we are also joining this aquatic product consumption campaign and encouraging the coast guard stations nationwide to purchase local special products," an official in the Korea Coast Guard said. "We will do our best to provide encouragement to the people by fully endeavoring to block the inflow of COVID-19 into any marine area."



Purchasing aquatic products ▲



A consumption promotion campaign ▲

Korea Coast Guard delivering a donation

The Korea Coast Guard delivered a donation of KRW 59 million to the Community Chest of Korea (CCK), asking CCK to use the amount for both low-income people and the vulnerable class in the areas of Daegu and Gyeongsangbuk-do, who are suffering hardship due to the spread of COVID-19.

The Korea Coast Guard said that it had requested on March 20, 2020 that the Community Chest of Korea provide disinfection and sanitary goods to the residents in the areas of Daegu and Gyeongsangbuk-do, who were suffering hardship due to the long-time spread of COVID-19. The donation was secured by waging a fundraising campaign for about one week from March 12, and not only KCG officers in the Headquarters of the Korea Coast Guard but also other KCG officers in regional coast guards nationwide joined the campaign.

KCG Commissioner having a luncheon meeting at Incheon Complex Fish Market

The Commissioner of the Korea Coast Guard had a luncheon meeting with KCG personnel after looking around Incheon Complex Fish Market where merchants complained about having difficulties due to frozen consumer sentiment. The KCG Commissioner said, "Our visit to this market is intended to dispel concerns of a contraction in economic activity and boost consumer interest, and I hope it will serve even as a little help to the merchants."



Purchasing aquatic products ▲



A luncheon meeting ▲

KCG cafeteria closed for the time being to boost local economy

As a result of social distancing due to COVID-19, consumption decreased and the local commercial areas also suffered economic difficulties. Therefore, the Korea Coast Guard implemented a holiday for the cafeteria, thereby encouraging KCG officers to use outside restaurants on that day.



◀ Implementing a holiday for the cafeteria

9 COVID-19 Self-Disinfection Efforts



Establishing guidelines to respond to the occurrence of a confirmed COVID-19 patient case within the KCG Headquarters building

Carrying out disinfection work for patrol vessels to prevent COVID-19 and providing training for the vessel crew

Carrying out disinfection work in a smart way by flying drones

Imposing restrictions on leaves for auxiliary police members

Strengthening COVID-19 disinfection and quarantine measures for criminal facilities including detention centers

Improving civil service in order to prevent the spread of COVID-19)

Five West Sea Islands Special Security Unit overall implementing a COVID-19 pre-inspection system

Cleaning the entire air vent pipes of each patrol vessel

Telecommuting to prevent the spread of COVID-19

Implementing a patrol vessel cross-work system

Making every effort to cope with coronavirus by installing a thermal imaging camera

Installing cover screens in the General Situation Room

Implementing thorough disinfection of the auxiliary police dormitory

Prohibiting the act of eating face-to-face and dispersing people dining on a time difference basis in the cafeteria

Strengthening cyber security

Establishing guidelines to respond to the occurrence of a confirmed COVID-19 patient case within the KCG Headquarters building

The Korea Coast Guard has prepared and implemented a stage-by-stage response manual for use against the infection and spread of coronavirus within the KCG Headquarters so that it may not suffer paralysis of its important duties.

Response manual for use in the event of a confirmed COVID-19
patient case within the KCG Headquarters building

I
Prevention stage

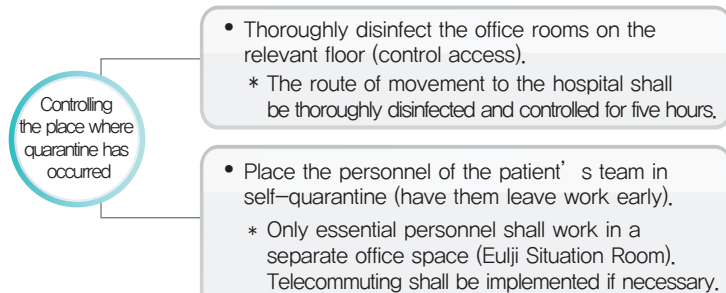
■ Abstaining from inter-story movement and minimizing interpersonal contacts

- ① Use a telephone or duty service portal and abstain from inter-story movement except in case of a special event.
- ② Utilize a place, such as the Civil Service Conference Room on the first floor, which will allow outside participants to minimize contact with other internal KCG personnel in case of a conference or event participated in by outsiders.
- ③ Adjust mealtimes for different bureaus and keep chairs or seats apart from each other in the KCG cafeteria (minimize conversations).
- ④ Take official or sick leave even in the event of a slight symptom.

II
In the event of a
suspected COVID-19
patient case

■ Moving a 'person suspected of COVID-19 infection' to a hospital and screening out and quarantining close contactors

- ① 'If there is any 'person suspected of COVID-19 infection' , contact 1339 immediately and transport him/her to the designated hospital.



- ① Screen out and quarantine any close contactors. (a measure to be taken within the patient's team)
* he patient's team shall screen out the colleagues who work in the same office room where the suspected COVID-19 patient case has occurred, any person or persons who have been in close contact or talked with the patient, etc. (Utilize CCTV)

Contactors (KCDC, WHO)

-Determine what information should be reported to KCDC and WHO by considering the persons who work in the same place as the patient, any person or persons who have contacted the patient within 2 meters, the place and period of contact, and the confirmed COVID-19 patient's symptoms.

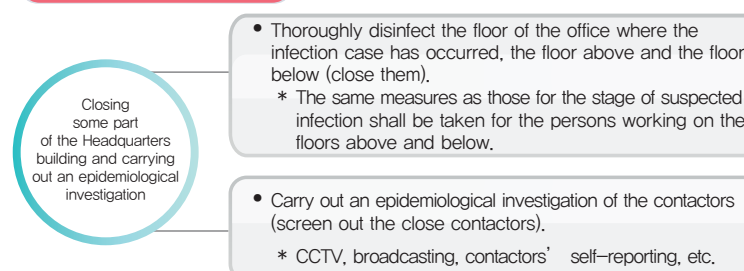
- ③ Carry out 'thorough disinfection work' in the entire Headquarters building of the Korea Coast Guard to prevent the occurrence of any asymptomatic infection case.

II
When ascertaining
whether
a person has been
infected or not

■ Checking to ascertain whether the person suspected of COVID-19 infection tests negative or positive

- ① If the person tests negative
* 14-day self-quarantine measures shall be taken to prevent asymptomatic infection (utilize telecommuting if necessary).

- ② If the person tests positive



- * The confirmed COVID-19 patient shall stay in self-quarantine at home or quarantined in a place designated by a health institution for 14 days from the date of contact.

Carrying out disinfection work for patrol vessels to prevent COVID-19 and providing training for the vessel crew

The Korea Coast Guard carried out disinfection and quarantine work for exclusive KCG ports and each patrol vessel and provided training for the vessel crew.

The disinfection and quarantine work was carried out for the entire patrol vessels using disinfectant, and the crew members were trained to stay alert at on-site workers' level of seriousness against the inflow, infection and spread of the coronavirus by land and sea and confirm the prevention and response rules for each department, thereby taking strong measures while on duty.



▲ COVID-19 preventive disinfection work and training of crew members



▲ Carrying out disinfection of prevention COVID-19 by flying drone

Carrying out disinfection work in a smart way by flying drones

The Eastern Regional Coast Guard (ERCG) carried out smart disinfection and quarantine work for the prevention of COVID-19 infection by flying drones over its Headquarters building and driveway on March 28, 2020.

The disinfection and quarantine work was not only intended to actively participate in highly intensive 'social distancing' to prevent the spread of COVID-19 in the local community but also focused on and around the regional Headquarters, the trail and the driveway where ERCG personnel engage in a lot of activities in order to minimize the number of disinfection and quarantine team personnel.

Professor Kim Seong-jae, a drone expert in the Training Center of the Eastern Regional Coast Guard, led the disinfection and quarantine work. Disinfection and quarantine work using drones will be carried out frequently until COVID-19 is no longer a threat. "We gave people prior notice of our disinfection and quarantine work schedule for the Headquarters building and strictly controlled the floating population and the moving vehicles during the disinfection and quarantine work," an official in the Eastern Regional Coast Guard said.

"We carried out the disinfection using harmless chemicals recommended by the Ministry of Health and Welfare."

Imposing restrictions on leaves for auxiliary police members

A confirmed COVID-19 case occurred among the auxiliary police in the Pyeongtaek Coast Guard Station at the same time that the Korean government decided to escalate the warning level to "severe". In response, the Korea Coast Guard implemented duty service reinforcement measures designed to restrict leaves and visits by outsiders for the auxiliary police members effective from February 26, 2020. In addition, preventive measures were also taken to isolate each auxiliary police member returning after leave in a separate space, thereby decreasing his contacts with other auxiliary police members in order to prevent the occurrence of any additional confirmed COVID-19 case.

Strengthening COVID-19 disinfection and quarantine measures for criminal facilities including detention centers

In accordance with the results of a national situation response team video conference, the Korea Coast Guard carried out intensive disinfection and quarantine work for the criminal facilities including each coast guard station's detention center and investigation room and took measures to ensure linked care in the event of any suspected COVID-19 patient being discovered during an investigative process.

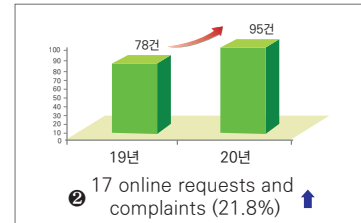
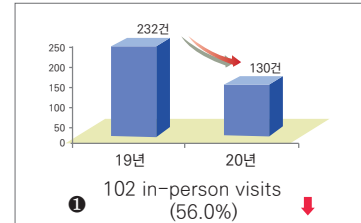
Disinfection at detention center ▶



Improving civil service in order to prevent the spread of COVID-19

As the COVID-19 crisis warning level had been upgraded to 'severe', the Korea Coast Guard decided to improve civil service for visitors to the Headquarters building of each coast guard station or each substation in order to prevent the infection and spread of COVID-19 in any area.

Efforts were made to prevent the infection and spread of 'COVID-19' and enhance people's satisfaction with civil service by revitalizing the scheme for addressing civil requests and complaints online (on the Internet, by phone, by fax) in such a way as to minimize in-person visits as part of the 'social distancing' campaign. In addition, a civil service waiting room was prepared in each of the respective Headquarters buildings of the Korea Coast Guard, different regional coast guards and different coast guard stations as a separate space for visitors, thereby ensuring that their requests and complaints were addressed after physical checks for COVID-19 infection including a body temperature check. A transparent civil service window covering screen for blocking the spread of droplets was installed in the civil service room.



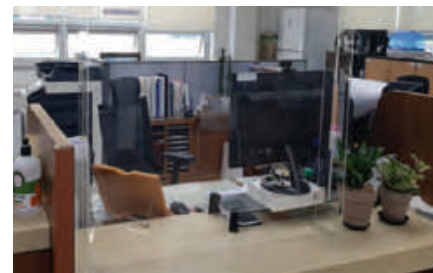
Analysis content

As a result of implementing the online civil service utilization scheme effective from April 2020 instead of handling civil requests and complaints through in-person visits,

- ① in-person visits decreased by 56% and
- ② online requests and complaints increased by 21.8% as compared with the corresponding period of the previous year.



▲ Carry out wearing masks, checking body temperature, and disinfecting hands outdoors for civil petitioners



▲ A covering screen installed in the civil service room

Holding an online workshop for performance management

The Incheon Coast Guard Station held an online workshop for persons in charge of performance management through personal computers on March 27, 2020 in order to avoid face-to-face contacts because of the rapidly increasing number of confirmed COVID-19 patients.

Online achievement workshop ►



▼ Carrying out pre-inspection of the patrol vessel before boarding



Five West Sea Islands Special Security Unit overall implementing a COVID-19 pre-inspection system

Korea Coast Guard Regional-Central began to operate a pre-inspection system at the entrance of wharfs on March 9, 2020 in order to block the COVID-19 infection of patrol vessel crew members, which may occur due to their frequent close contact with each other.

Each patrol vessel has taken a body temperature and a medical checkup of those who boarded it, including Korea Coast Guard members coming to work and visitors.

If any crew member showing symptoms of suspected COVID-19 infection has already boarded the patrol vessel, there is likely to be a setback to the deployment and operation of it because there is a high risk of group infection in the crowded vessel.

Because of such a high risk of group infection, the Five West Sea Islands Special Security Unit prepared a separate space in each patrol vessel for fever checks and a medical checkup before Korea Coast Guard members board it and then implemented a "pre-inspection system" capable of checking each boarding person's health condition as well as taking his/her body temperature.

Cleaning the entire air vent pipes of each patrol vessel



▲ Cleaning the entire air vent pipes of each patrol vessel

The Tae-an Coast Guard Station cleaned out the air purifier and vent pipes in its patrol vessels from March 15 through March 25, 2020. This patrol vessel maintenance work, which was carried out through a contract with a private cleaning company, proceeded in accordance with a plan to execute the related budget early in order to deal with the economic stagnation, block the crew from being infected with the disease and complete maritime security by maintaining a pleasant and clean workplace environment.

Telecommuting to prevent the spread of COVID-19

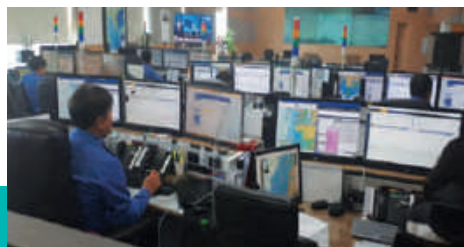
The Korea Coast Guard is extensively implementing flexible working systems, including the telecommuting system and the time difference commuting system, for those personnel working in office rooms in order to prevent the spread of COVID-19. A total of 7,813 personnel, an average daily number of 275 participants (12.2%) from March 20 through April 30, 2020, participated in these systems in order to preclude the occurrence of any interruption in their maritime security duties by COVID-19.

Implementing a patrol vessel cross-work system

In addition to telecommuting, the Korea Coast Guard has implemented a patrol vessel cross-work system which is now in operation as part of 'social distancing' in order to prevent the spread of COVID-19.

This patrol vessel cross-work system is a measure taken to minimize physical contacts between crew members. The total crew of a patrol vessel is divided into two teams, who then work interchangeably during the anchoring period because many personnel reside in a narrow space of the patrol vessel.

In addition, the Korea Coast Guard organizes work for the crew members in accordance with their ranks, careers and duties in order to make the patrol vessel carry out its tasks completely, thereby preparing for any emergency situation, and makes it obligatory for all the crew members to prepare for sailing thoroughly just prior to its departure from the port.



Installing cover screens in the General Situation Room

The Korea Coast Guard has prepared a temporary situation room intended to improve the workplace environment and prepare for any emergency situation in order to prevent any person among the personnel of the General Situation Room, the control tower of the Korea Coast Guard, from being infected with coronavirus because of the spread of COVID-19.

The General Situation Room is the control tower for the suspect arrest and rescue situations. It receives crime reports and delivers mobilization orders to the relevant frontline coast guard forces 24 hours a day. If a person in the General Situation Room is infected with COVID-19, the work of the Korea Coast Guard may be paralyzed.

With working conditions similar to those of the call center where a case of group infection occurred previously, the General Situation Room has a structure in which saliva droplets can spatter around because the personnel should receive crime reports or rescue requests and talk with the reporters or requesters.

Therefore, the Korea Coast Guard has improved the workplace environment of the General Situation Room by installing transparent cover screens high on the office desks. In addition, preparations have also been made to close the General Situation Room in the event of any person being infected with COVID-19.

◀ Installing cover screen in general situation room

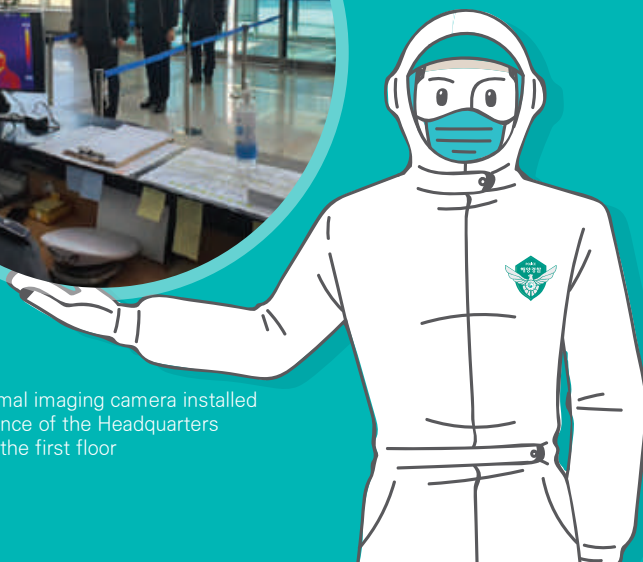
Making every effort to cope with coronavirus by installing a thermal imaging camera

The Korea Coast Guard has installed a thermal imaging camera at the entrance of its Headquarters building, thereby checking the body temperatures of Korea Coast Guard officers coming to work as well as those of the visiting civilians. This is in order to prevent any further confirmed infection and expansion of COVID-19 amid the current implementation of social distancing.

If the body temperature of any person passing in front of the thermal imaging camera installed at the entrance of the Headquarters building on the first floor exceeds 37.5 degrees, the camera will let him/her know by sounding an alarm, and then a Korea Coast Guard officer will check his/her body temperature for the respiratory infectious disease accompanied by a fever.



▲ The thermal imaging camera installed at the entrance of the Headquarters building on the first floor



Implementing thorough disinfection of the auxiliary police dormitory

The Korea Coast Guard is implementing thorough disinfection of the auxiliary police dormitory in order to prevent COVID-19 infection. The auxiliary police dormitory is publicly used 24 hours a day and thus requires preemptive disinfection and quarantine measures because it is concerned that there is a high risk of group infection in the event of any confirmed COVID-19 patient case there. Thorough disinfection has been carried out once or more every day since February 2.



◀ Implementing thorough disinfection of the auxiliary police dormitory

Prohibiting the act of eating face-to-face and dispersing people dining on a time difference basis in the cafeteria

The Korea Coast Guard has coordinated the arrangement of the chairs and installed cover screens in the cafeteria in order to block the spread of COVID-19 and cope with the crisis situation more preemptively.

The arrangement of the chairs and installed cover screens in the cafeteria ▶



The arrangement of the chairs has been coordinated in such a way as to intend people to abstain from eating face-to-face and to eat facing in one direction, whereas the cover screens have been installed in order to fundamentally block the spread of droplets through close contacts while people are eating. In addition, the departments have been divided into two groups for eating on a time difference basis (11:00 for the first group, 12:00 for the second group) in order to prevent the cafeteria from being overcrowded with people at a mealtime.



Strengthening cyber security

The Korea Coast Guard has begun to strengthen cyber security management for its computer networks which are vulnerable to cyber attacks and consequent damages by malicious code taking advantage of the COVID-19 crisis.

The Tae-an Coast Guard Station has focused its efforts on blocking every threatening element by carrying out cyber security inspection of internal and external duty service portal networks, including its online service systems for people and various SNS platforms.



To strengthen cyber security management for its computer networks ▶



The efforts of Korea Coast Guard to combat COVID-19





The Efforts of the Korea Coast Guard to Combat COVID-19

The date of issue | May 2020

Publisher | Commissioner general of Korea Coast Guard

Place of issue | International Cooperation Bureau

Print | Yujin Copy&Paper

(Not for Sale)



해양경찰청
KOREA COAST GUARD

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