

## WASTE RECEPTION VESSELS

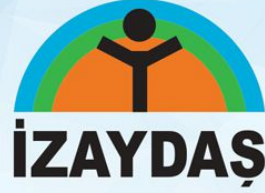
İZAYDAŞ collects the wastes of vessel within the boundaries of Kocaeli Metropolitan Municipality in accordance with the provision of "Collecting, purifying and making necessary regulations with regard to the wastes of marine vessel" set forth in the seventh article of Law for Metropolitan Municipality numbered 5216.

The procedure of waste collection is conducted by waste reception vessels that take out a license from the Provincial Directorate of Environment and Urbanization within the scope of the technical elements specified in the Regulation of taking the Wastes from the vessels and Control of Wastes. The collected wastes (Sludge, bilge, oil, sewage, domestic waste) are burned in the incineration facility after waste parsing and electric power is procured. İZAYDAŞ also performs another significant service in order to prevent the pollution of İzmit Bay with its sea surface cleaning boats. Approximately 10,000 vessels enter the İzmit Bay per annum.

## SEA SURFACE CLEANING BOATS

The works are carried out with four sea surface cleaning boats, environmental patrol boats and environmental control aircraft for the protection and cleaning of the bay while the activities of vessel waste reception are conducted in İzmit Bay.

Sea Surface Cleaning Boats and Control Boats serve in order to provide a sustainable sea surface cleaning in the coasts and seas within the borders of Kocaeli, perform sea surface cleaning works in the mouths of the stream etc., ensure the detection and control of sea surface pollution of coasts and seas, to collect domestic floating solid wastes on the sea surface (beverage can, bottle, paper, rigid foam etc.), collect tree branches and leaves etc. that can be considered as natural waste, garbage and industrial solid wastes that do not leak and chemical spread.



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## THE BEST MARINE AIRCRAFT PLATFORM OF EUROPE

A platform built by İZAYDAŞ on the sea at the entrance of Sekapark was brought to Kocaeli to meet the requirements of berthing and waiting CESSNA 208 amphibious seaplane. It is mentioned as single equipped platform built on the sea in Turkey and Europe. In addition, refueling is provided simultaneously in the area where two planes can park. The platform consists of 700 square meters of land and 600 square meters of sea, 1300 square meters in total. It covers an area of approximately 1600 m2 with the social area reserved for aircraft crew. The aircraft that can take off over the sea can also land and depart from Cengiz Topel Airport.

## EMERGENCY RESPONSE AGAINST MARINE POLLUTION

The endeavors to achieve an Emergency Response Authorization Certificate are also carried out to be able to perform early response and cleaning works to the pollution caused by any environmental accident that may occur in the bay and it is planned to ensure services for emergency response to the harbor structures located in the İzmit Bay.

In this sense, the technical employees completed their OPRC 1-2 and HNS 1-2 trainings. An application has been made to the Ministry of Transport and Infrastructure for the certificate of authorization.

The necessary equipment for the certificate of authorization has been identified and purchased. İZAYDAŞ, the leading company in the sector, will give service enter into negotiations with the coastal facilities in relation to emergency response against marine pollution with this document.

## THE PROJECT OF MARINE WASTE RECEPTION FACILITY

The establishment of a waste reception facility is mandatory for waste collection from vessels berthing at the ports within the boundaries of Kocaeli and the capacity and technology of the existing facility are not sufficient. İZAYDAŞ, which conducts its works by transferring the wastes collected by waste reception vessels to the existing waste reception facility in Derince International Port, began the installation works of a new and modern waste reception facility due to its capacity and process insufficiency.

The distance of İZAYDAŞ's existing marine waste reception facility to the sea has increased in consequence of extension of Derince Port with filling by revising at the port. Another area of 1500 m2 in the port was determined for the waste reception facility while it has not been possible to increase the capacity in the existing area. The construction projects of Waste Reception Facility were prepared following the official procedures. It is expected that the facility whose soil improvement and construction works will be completed, will be take into service in a short time. İZAYDAŞ Derince Port Marine Waste Reception Facility will be one of the few facilities in Turkey in this regard when it is put into operation.

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## MARINE CONTROL AIRCRAFT

Marine Control Aircraft as well as Patrol Boat are used in order to check, inspect and detect quickly and effectively against all kinds of pollution including the borders of Kocaeli Metropolitan Municipality, the Marmara Sea and the coastline and stream beds and dams, pollution caused by sea and forest fires in areas close to the coastline.

