

SYNOPSIS

On 28 July 2011, about 04:11, Asiana Airlines flight 991, a B747-400F airplane, a scheduled cargo flight from Incheon, Republic of Korea, to Shanghai, China, crashed into the international waters about 130 km west of Jeju International Airport after the flight crew reported a cargo fire to Shanghai Area Control Center (SHI ACC) near a reporting point SADLI on airway A593 about 03:54 and attempted to divert to Jeju International Airport.

Aboard the flight were two pilots. Due to this accident, they were fatally injured, and some portions of the fuselage separated from the airplane in midair. The wreckage of the airplane was distributed under the sea in the area 3 km by 4 km in southwest-northeast direction.

The Aviation and Railway Accident Investigation Board (ARAIB) determined that the cause of this accident was fire developed on or near the pallets containing dangerous goods but no physical evidence of the cause of the fire was found. The fire rapidly escalated into a large uncontained fire, and this caused some portions of the fuselage to separate from the aircraft in midair, thereby resulting in the crash.

As a result of this investigation, the ARAIB makes 5 recommendations to Asiana Airlines, 11 recommendations to the Ministry of Land, Infrastructure and Transport (MOLIT), 3 recommendations to the Boeing Company, and 1¹ recommendation to ICAO.

¹ This recommendation included five parts.