

# Maiden flight test of SAHAYAK-NG

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In news

Maiden Flight Trial of SAHAYAK-NG, Air Droppable Container

## Key highlights

- Defence Research and Development Organisation (DRDO) along with Indian Navy conducted the successful maiden test trial of 'SAHAYAK-NG'
- It was dropped from IL 38SD aircraft (Indian Navy) off the coast of Goa.
- It is India's first indigenously designed and developed Air Dropped Container
- SAHAYAK-NG is an advanced version of SAHAYAK Mk I.
- The newly developed GPS aided air dropped container is having the capability to carry a payload that weighs upto 50 kg and can be dropped from heavy aircraft.
- The trial was conducted by Indian Navy to enhance its operational logistics capabilities and provide critical engineering stores to ships which are deployed more than 2000 km from the coast.
- It reduces the requirement of ships to come close to the coast to collect spares and store

## Who is involved in its development?

Two DRDO laboratories i.e. NSTL, Visakhapatnam and ADRDE, Agra were involved in the development of SAHAYAK-NG container along the industry partner M/s Avantel for GPS integration

## NSTL, Visakhapatnam

- Naval Science and Technological Laboratory (NSTL), Visakhapatnam came into existence on August 20, 1969.

- The Naval Science and Technological Laboratory is an Indian defence laboratory of the Defence Research and Development Organisation, located in Visakhapatnam.
- Its main function is the research and development of underwater weapons and associated systems. NSTL is organized under DRDO's Directorate of Naval R&D

#### ADRDE, Agra

- The Aerial Delivery Research and Development Establishment is a laboratory of the Indian Defence Research and Development Organisation. It is located in Agra, Uttar Pradesh in India.
- ADRDE is a pioneer R&D lab of DRDO for the Design and Development of Aerodynamic Decelerators, Aerostat Systems.
- The charter of duties of the establishment includes development of Paratrooper Parachute Systems, Aircrew Parachute System, Ammunition Parachute System , Brake Parachute, Recovery Parachute System, Aerial Delivery Parachute Systems, Heavy Drop Systems, Inflatable Systems, Airship Technologies and Aircraft Arrestor Barrier System etc.