

## References

**Project:** **ARIANE 5 Booster Sea Recovery Mission – AR 517**

**Period:** 2002 - 2003

**Contract Volume:** approx. 1.85 Mio. €

**Client:** CNES Centre Nationale d'Etudes Spatiales  
 Departement Essais et Validations  
 Toulouse Cedex France

**Short Description:** In September 2002, IMS received the contract from CNES to be a general contractor for the performance of the sea recovery of the Ariane 5 booster during the mission AR 517. The expected launch date was for seen at the 11<sup>th</sup> Dec. 2002

As terms of the contract, IMS was responsible for the following task:

- Chartering and contracting of a suitable recovery vessel
- Commitment of a diver team
- Covering of all activities with the insurance company
- Co-ordination of all planned capacities
- Co-ordination at site in French Guyana with harbour authorities and other involved persons
- Revision of specifications and procedures for the performance of the offshore operations
- Performance of the sea recovery operation
- Return of the used equipment to Europe after the mission
- Maintenance, refurbishment and storage of the equipment in Hamburg.



recovery mission ends successful.

In spite of everything bad weather with wind speeds up to 15 m/sec and wave heights between 4 – 6 m the sea operations could be carried out successful.

During the mission the concept of the recovery was proven in general and could with stand the hard environmental conditions.

When the two boosters have been delivered on the 6<sup>th</sup> and 8<sup>th</sup> January 2003 in Port Pariacabo, the harbour of the CSG in French Guyana, this remarkable