



LEYAL

GEMİ SÖKÜM



Company offices offer a panoramic view of the ship dismantling area



SHIP DISMANTLING & RECYCLING



Leyal Ship Dismantling & Recycling offices



Aerial view of Aliaga ship dismantling area



Ship dismantling work area



Torch cutting of steel plate

- Established in **1980**, **LEYAL** and its affiliate Companies have traded and dismantled more than **600 vessels**
- LEYAL is located 60km North of the town of Izmir, on the Aegean Coast
- Operating on 3 plots of land, **LEYAL** is the **largest ship dismantling and recycling company in Turkey**, with a total area of **36,000 m²** and is capable of processing up to **100,000 tons** of scrap per year

- **Turkey** is a signatory to the **Basel Convention** for the transboundary movement of wastes and its ship dismantling industry is governed by strict National regulations
- Turkey is the only OECD country with a significant ship dismantling industry
- In 2004 **Turkey** was the **world's largest importer of scrap** with **12 million tons**, compared to China's 10 million tons



Tonnage waiting to be dismantled

Equipment being removed from the German ex-destroyer Rommel



Floating crane facilitates the removal of heavy equipment from the vessels



Worker safety is of paramount importance





The Company's Environment Management Center (EMC)



Cable sheathing is removed and disposed of appropriately



Clear waters next to partially dismantled vessel

- **LEYAL** owns and operates its own proprietary **Environment Management Center (EMC)** and asbestos removal equipment
- Prior to any dismantling operation, the Company
 - Checks radiation and gas free condition
 - Identifies, removes and temporarily stores hazardous materials
- Asbestos removal is done according to **German Regulation TRGS 591**, while other hazardous materials are disposed of through Nationally and Internationally certified companies



Waste removal team proceeding to work area



Negative pressure chamber is setup prior to asbestos removal operation

- **LEYAL** was the **first Turkish ship dismantling company** to apply the **Basel Convention** Notification Procedure, in the case of the German destroyer "Rommel"
- **LEYAL's** commitment to its workers and the environment is paramount, having an excellent record for worker safety, health and sound environmental management
- **LEYAL** participates in the **European Commission R&D** funding program for the "Cost Effective and Environmentally Sound Dismantling of Obsolete Vessels"

Waste removal training according to German Regulation TRGS 591



Asbestos removal/disposal is performed according to the most strict National and International regulations



The Company uses the latest equipment related to asbestos removal, worker protection and decontamination



EUROPEAN COMMISSION

COST EFFECTIVE AND ENVIRONMENTALLY SOUND
DISMANTLING OF OBSOLETE VESSELS

6TH FRAMEWORK PROGRAMME
RESEARCH AND TECHNOLOGICAL DEVELOPMENT



LEYAL
GEMİ SÖKÜM

LEYAL SHIP DISMANTLING & RECYCLING

LEYAL is your partner in the environmentally sound and commercially viable ship dismantling and recycling

Participating member for TURKEY



LEYAL
GEMİ SÖKÜM

List of other participants

University of Strathclyde Glasgow - UK



Indian Institute of Technology Bombay - IN



University of Patras - GR



...and other prominent international companies



LEYAL Gemi Söküm Ltd.

Gemi Söküm Bölgesi -Parcel No. 3-4

Aliaga / Izmir 35800 - Turkey

Tel: +90-232-618-2030 , Fax: +90-232-618-2033

E-mail: Info@leyal.com.tr, Web: www.leyal.com.tr