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PRESS RELEASE

INGEMAR INSTALLS THEIR FLOATING PONTOONS IN THE DESERT AS WELL!

The Ingemar Group wins two important international tenders in Kuwait and Saudi Arabia, testimony to the quality of their products and the high profile of the 'Made in Italy' trademark

Milan, 29 April 2014. A marine engineering company with 35 years of outstandingly successful activity ought to be prepared for even the most unusual and original requests but this time, to our astonishment, the GPS coordinates for the latest project indicated that the pontoons and floating structures were to be installed in a remote corner of the Kuwaiti desert!

A new city in the desert with docks overlooking the Persian Gulf

La'ala Al-Kuwait Sabah Al-Ahmad Sea City, 85km to the south of Kuwait City, is an astounding project begun in 2003 and to be built in 10 stages. The overall site occupies an area of over 64km² close to the Persian Gulf and which, over a 25 year planning timeline, is generating a new city for 100,000 inhabitants along more than 200km of new coastline with a system of canals and lagoons excavated out of the desert.

The project is being promoted by *La'ala Al-Kuwait Real Estate*, which to date has completed the first three stages of infrastructures and the relative lots for the residences (all sold out), and it includes the construction of two new marinas for in excess of 1,300 berths.

In 2013, following a stringent international selection process, Ingemar was appointed to manage the final design and supervise the on-site construction of all the floating structures in reinforced concrete, the additional accessories and the anchorage systems for the first marina. Ingemar was also appointed to supply all the specialist structures, the walkways and the most critical components of the serial elements.

The 'numbers' of the project are truly impressive: 6km of floating pontoons and fingers, anchored by over 300 pilings, and mooring more than 400 yachts up to 40mt in length. The construction of the structures for the new port is underway and will continue for another 2 years. To date 50 elements out of a total of 450 have been completed.

The elements are of the "all concrete" continuous floating type with structures in concrete, galvanized rebar, and nuclei in expanded polystyrene rendering them unsinkable. The undersides are protected with a layer of polyurea to preserve the integrity of the polystyrene and prevent the attachment of mollusks and other marine flora, abundant in the Gulf's waters. The walkways, in anti-slip brushed concrete, has wide lateral trenches for accommodating the numerous cables and pipes to feed the service bollards up and provide water and power to the boats.

A series of submerged conduits under the concrete, with inspection manholes for pipes and junctions, will carry the pipelines for the fire prevention and sprinkler systems.

More recently Ingemar has also been assigned the responsibility for the design of the second marina which boasts dimensions almost double the first: 800 moorings for yachts up to 30mt long and 11km of floating pontoons and fingers.

The structures for the new marina installation includes pontoons and monolithic floating

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breakwaters in reinforced concrete, 3 and 4mt widths, up to 20mt lengths and fingers of up to 30x3mt.

This is a new and prestigious international commission rewarding Ingemar's attention to the Middle East and their ability to accommodate the specific requirements of each client, in the capacity of a true technical partner and reliable supplier.

Specialist moorings on the Red Sea and the Persian Gulf

Following the positive results of the past season with the supply of installations at *Al-Demegha* on the Red Sea and *Al-Quatif* on the Persian Gulf, Ingemar has won yet another important international tender in Saudi Arabia to supply and instal 6 new moorings for the Coastguard.

The new moorings, three along the Red Sea coastline and three on the Persian Gulf, are characterised by their modular layout (so they can be added to at a later date and replicated in other locations), their maximum structural resistance and their adaptability for sites not perfectly protected or sheltered.

All the elements will be anchored to the seabed by pilings and sliding devices with structures in Heavy Duty aluminium alloy and floaters in polyethylene for the pontoons and fingers; only in one case will the structures be of painted galvanised steel due to the site's greater stress requirements. Each new landing will be able to moor 8 reconnaissance speed boats.

All the new structures, designed to be easily transported in containers, will be constructed in Italy on the express wishes of the client: this is yet another indication of the appreciation for the quality of Ingemar's 'Made in Italy' production, their considerable capabilities in design and as general contractor by the Group in the difficult but promising Saudi market.

For 35 years Ingemar has been designing and building pontoons and floating breakwaters worldwide and today is one of the few companies in the sector having its own independent production facilities which allows it to carry out Research and Development in order to anticipate market demands. The ISO 9001 certification for design, construction and installation testifies to its constant dedication and commitment to quality and is complemented by the SOA certification by the port sector for commissions of up to Euro 15.5 million. The company's Head Offices are in Milan and production and customer services are at Casale sul Sile in the province of Treviso.