

## BuBi<sup>®</sup>-pipe for pipeline on the seabed

The economic crisis of the past months has not passed BUTTING by, but a recently booked project is pleasing and gives cause for optimism.

With a volume of over 17 km of BuBi<sup>®</sup> pipes, the replacement delivery for a project of a multinational oil and gas company in Asia Pacific counts among the largest orders in our company's history. For years, we have regularly delivered supplies for projects in the oil and gas industry. Here, too, the choice was BUTTING.



In order to arrange in detail the high requirements specific to the project, a customer visit by representatives of the oil and gas company to the BUTTING office took place before the start of production.

Besides the 17,000 m BuBi<sup>®</sup>-pipes 323.9 mm x (14.3 + 2.5) mm and 317.5 mm x (11.1 + 2.5) mm wall, the delivery also includes 600 m metallurgically clad pipes and over 30 elbows with the same diameters. We will meet the special requirements with regard to dimensional and other tolerances with a tightly meshed production and testing plan. The delivery of the manufactured materials will be carried out by container ship in several stages, so that a continuous supply of pipes and elbows, adapted to the end-user's requirements, is assured. With Alloy 825 as the material for the internal pipe, it was chosen a material suited to highly varied use, but especially to natural gas and oil extraction. A specially equipped ship will therefore also be used in the laying of these pipes into the sea of the coast of Malaysia.

In this regard, we would like to point out that the laying of BUTTING pipes by special ship is only one of the options. BuBi<sup>®</sup>-pipes can be reeled under certain conditions. Reeling represents a time- and cost-saving alternative in comparison with other pipe-laying options.

We are naturally available to take your further queries on the subject of BuBi<sup>®</sup>-pipes and reeling. You can also read relevant information in our brochure "Perspectives 2010", beginning on page 38. We will gladly send you our report. You can see the latest technology yourself!

BUTTING – Progress by Tradition