

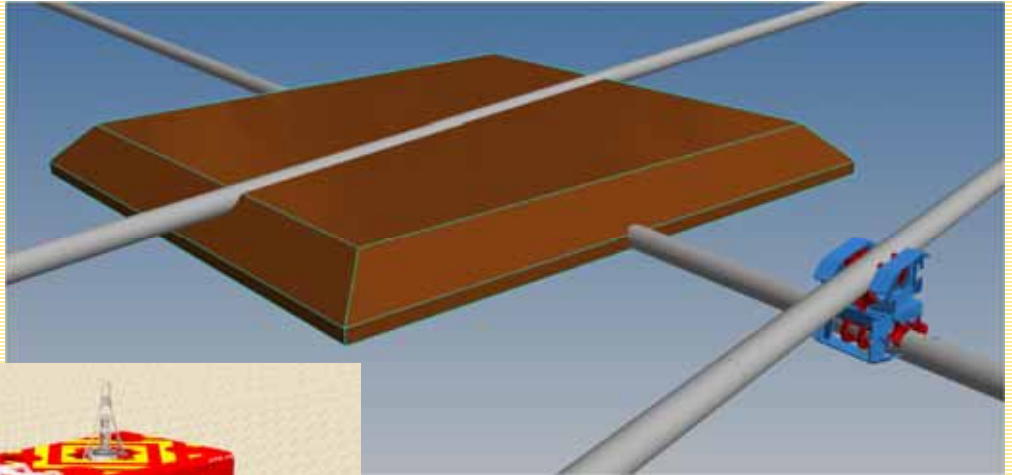


SUBSEA SYSTEMS

DIV. BAUGH CONSULTING ENGINEERS, INC.

# BETA PIPE CROSS

## CONVENTIONAL INSTALLATION VS. PIPE CROSS



## PIPELINE BEING LAID WITH PIPE CROSS:

LOCATED BY PIPE COLLAR, ROV SIMPLY PUSHES IT INTO ALIGNMENT WITH THE LOWER PIPELINE

PROVIDES PERMANENT SEPARATION FOR SUBSEA PIPELINES

LOCKS ONTO 2 CROSSING PIPELINES

PROVIDES ROLLERS FOR FREE MOVEMENT OF PIPELINES

INSULATES BETWEEN PIPELINES

PROVIDES DESIGNATED SHEARING FORCE

ELIMINATES REPETITIVE SANDBAGGING

CAN MIX AND MATCH SIZES (I.E. 10" X 6")



Radoil offers a combination of patent licensing, engineering, manufacturing capabilities, and products to assist you grow your business.

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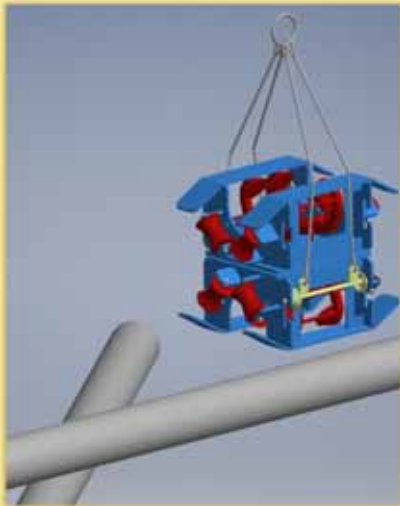
PATENTED



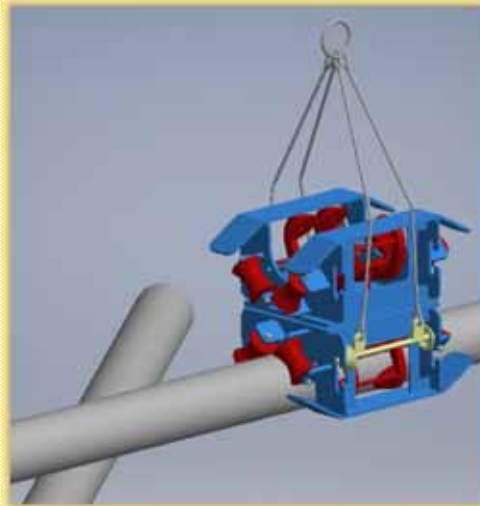
SUBSEA SYSTEMS

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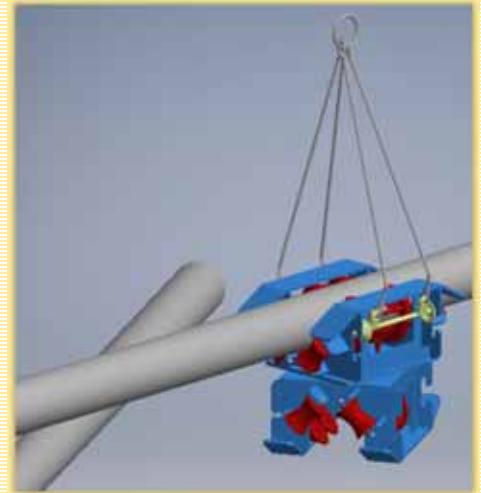
DIV. BAUGH CONSULTING ENGINEERS, INC.



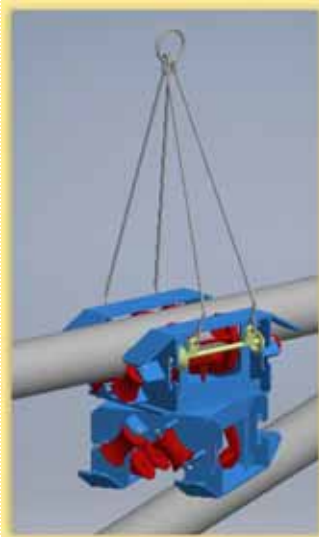
APPROACHING UPPER PIPELINE



LANDED ON UPPER PIPELINE



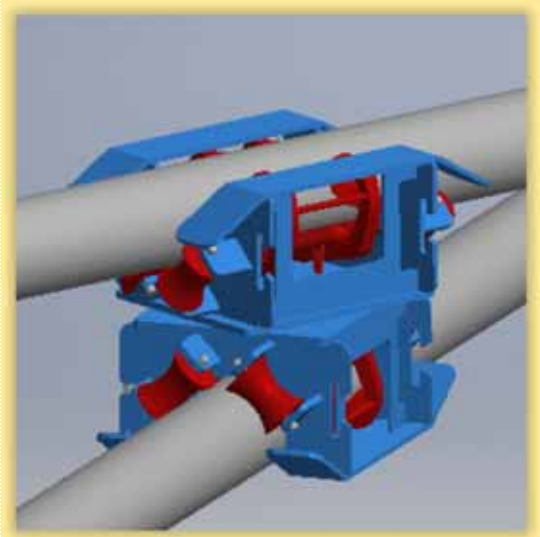
FLIPPED



UPPER PIPELINE RAISED AND APPROACHING LOWER PIPELINE



LANDED ON LOWER PIPELINE



SLINGS REMOVED, FULLY INSTALLED

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