

Structural Centralizers

Claxton leads the way in structural centralizers. During the last in the last few years we have installed over 3000 centralizers for clients around the world.

Structural Centralizers support well conductors within jacket guides to resist wave and current loading. They also prevent buckling failure from surface equipment loads and the tension loads from inner casing tubulars. Claxton centralizers are used in projects around the world, from harsh environments like the UK North Sea to low-load applications in the Far East. In all applications Claxton centralizers have demonstrated a rugged, fit-for-purpose design that saves operational time and costs.

Using our extensive engineering resource we offer original solutions which are demonstrated in our patented designs. Our desire to continuously improve our product lines includes pioneering research into alternative materials and manufacturing techniques.

Design Types

- Cellar Deck Centralizers: Uppermost centralizer, in air, helps to stabilise tree
- Conductor Guide Centralizers (fixed): Used at various levels on conductor from splash zone to seabed to stabilise conductor
- Conductor Guide Centralizers (adjustable): Similar to the fixed version but with adjustable blades to set gap -

using patented Claxton technology

- Can Type Guide Centralizers: Designed for deep water applications where there is significant vertical conductor movement
- Retrofit Guide Centralizers: Used to replace lost or missing guide centralisers
- Internal Centralizers: To space out internal strings – allows cement flow

Claxton has a range of options within each of these types to cover numerous Applications.



Great Yarmouth - Main Base

Claxton
Bureside House
North River Road
Great Yarmouth
Norfolk, NR30 1TE
UK

T: +44 (0) 1493 744500
E: info@claxtonengineering.com

Aberdeen

Claxton
Tern Place House, Tern Place
Bridge of Don
Aberdeen
Scotland
AB23 8JX

T: +44 (0) 1224 452371
E: aberdeen@claxtonengineering.com

Dubai

Claxton
PO Box 262490
Jebel Ali Free Zone
Gate 5, South Side
FZS1 ALO5
Dubai

T: +971 4 8863540
E: dubai@claxtonengineering.com

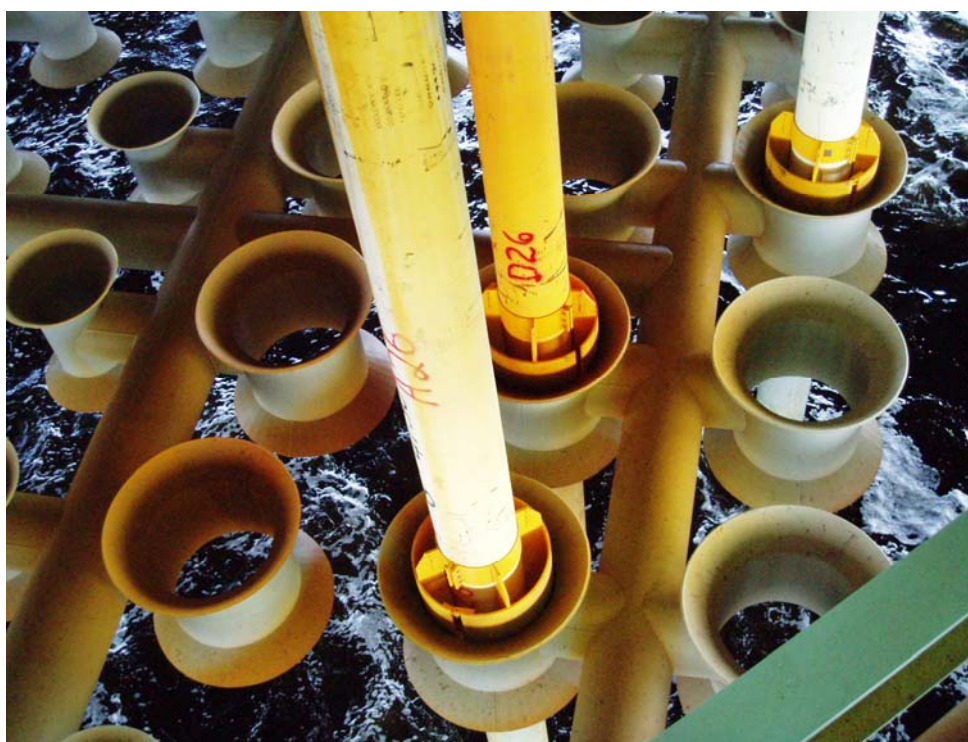
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Claxton Centralizer Benefits

- Application knowledge and use of a broad range of materials ensures a fit-for-purpose design
- Designed for life-of-field or planned change out, to minimise operational Expenditure
- Improved fatigue performance of flow line piping and connections to Xmas trees
- Minimise stress in the conductor
- Reduce impact loads

Therefore, Claxton use an optimised set of design tools to produce centralizers to order from a standard set of designs to satisfy the requirements of each application, including:

- Jacket guide sizes, tolerances and wall thickness/strength
- Conductor size, tolerances and wall thickness/strength
- Surface wellhead/BOP weight conditions.
- Internal pressure effects on the tubulars and therefore the centralizers
- Thermal effects on the tubulars and therefore the centralizers
- Environmental loading, water depth, extreme wave and currents
- Corrosion, fatigue and marine growth.
- Installation issues



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