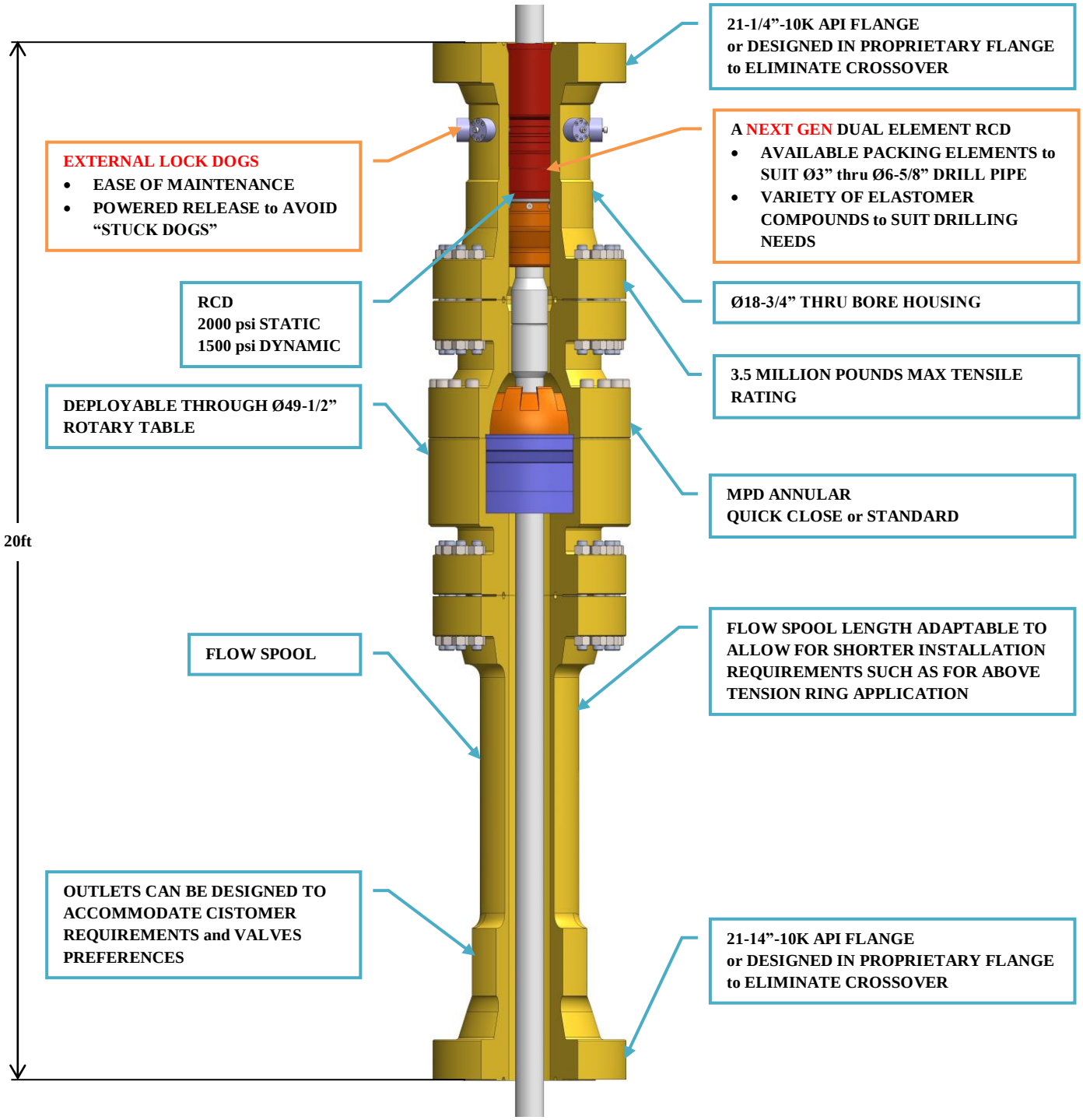
MANAGED PRESSURE DRILLING

RISER SYSTEM SOLUTION



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MPDtrendsetter™

IADC MEMBER

SAFETY

- ✓ With its remote operation, minimum hands-on required for intervention.
- ✓ Real time monitoring of hydraulic functions and drilling parameters.
- ✓ Compact overall length makes for safer installation, moving on rig and handling between supply vessel and platform.
- ✓ State of the art tooling for ease of installation, retrieval of packer cartridge and changing of elastomer packers.
- ✓ All functions controlled from HMI panel.

ECONOMY

- ✓ Installed in the riser string with the installation of the BOP.
- ✓ 18-3/4" ID allows the passage of full bore running tools and wellhead equipment.
- ✓ State of the art bearing assembly designed for long life and reliable service. Low maintenance bearing assembly can be replaced by rig mechanic if required.
- ✓ Extended life elastomer packing elements are straight forward for rig crew to replace in bearing assembly.

RELIABILITY

- ✓ State of the art bearing assembly designed for long life and reliable service.
- ✓ Packers are fabricated and available for all types of drilling fluids, extended life and reliability.
- ✓ Thanks to its robust and advanced design, reliability is greatly improved keeping NPT to a minimum.
- ✓ Able to run and maintained by rig crew.
- ✓ More compact and easy to handle

FLEXIBILITY

- ✓ Positioned above or below the tension ring.
- ✓ Usable with a termination joint or directly below the telescopic joint with the choke kill, mud booster and rigid conduit, lines mating with the corresponding lines on the TJ.
- ✓ On a surface BOP uses all the remote control functions.
- ✓ Adaptable to any marine riser system or bell nipple.
- ✓ Suitable for use with 18-3/4" and 13-5/8" BOP systems.

REGIONAL MARINE & ENGINEERING SERVICES PTE LTD

A Singapore based company involved with the offshore oil and gas industry for more than 20 years with a commitment to quality, API Q1:9th (Q1-1982) and ISO 9001:2008 (35110) accreditations. Building on its experience of supporting the petroleum business and after investigating future requirements for the industry a commitment was made to support the needs for advancing the technologies for Managed Pressure Drilling (MPD) operations.

The design process was started with no preconceived ideas for UBO/MPD. The basic philosophy of the design concept for the **RMES** team was to create a safe, easy to operate, reliable system, requiring a minimum number of spare parts, the least amount of maintenance while meeting the latest requirements of the numerous regulatory bodies. This includes collaboration with Singapore Universities, Government R&D agencies and specialized equipment manufacturers to give the customer the safest, most cost effective and efficient system on the market today.

RMES' progressive design and service support teams can adapt quickly to customers' needs. With the in house manufacturing and testing capabilities of the company any system modifications can be handled in a fast and efficient manner.

RELIABLE

METICULOUS

EXPERT

STURDY

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