

## **John Allen –Strategic Business Advisor**

### **Allen Energy Consultants LLC**

#### **Background**

John began his industry career with GEC of England PLC founding GEC Oil and Gas and managing the deepwater Production and underwater Remotely Operated Vehicle (ROV) business, both commercial and military. Acquired by ABB John was the CEO ABB Seatec and the VP of Technology and Engineering for Oil and Gas Inc. He also was the Director of the ABB Oil and Gas Research Center (Zurich/Houston). He became corporate VP for Strategic Business Development and then Manager of Global Accounts. Acquired by GE he moved from GE Oil and Gas Drilling and Production and then as an Executive GM in GE Energy Corporate responsible for major oil companies complete portfolio , upstream (land and offshore), midstream, downstream and power generation.

#### **Honors Awards Memberships**

Chartered Engineer

Fellow of the Society of Underwater Technology.

He has multiple patents and over 100 published papers.

He is on the board of several external organizations and chairing committees with API/ISO, SPE and OTC.

- Board Member and Executive Board Member of the RPSEA Industry JIP. Administering US Government and operator funds (more than \$50m pa) for research in the upstream oil and gas industry.
- Steering committee member for the Environmentally Friendly Drilling EFD program based at Houston Advanced Research center HARC
- DeepStar Senior Advisors Board Member (vendor committee chair) consisting of the major operators focused on Deepwater Research including regulatory.
- Society of Underwater Technology SUT board member (Fellow & Lecturer and Education Committee Chair). Lectures in Subsea Power and Processing. Responsible to student branches A&M, UH, UT...
- Chairman API/ISO 17N Reliability and Integrity committee and co-chair API 17A Systems, X Pumping, S Flowmeters, O HIPPS and Q Qualification. 2014 API Special Award.
- Member of the learned Society of Petroleum Engineering SPE (Committee Chair and steering committee member Subsea Processing, Subsea Standardization).

#### **Education**

Honors degree in Physics from Surrey University

Associate degree in Oceanography from the Institute of Oceanographic Sciences.

Masters in (Electrical) Engineering from London University

Executive MBA from Bath University.

Certifications, Birmingham University Underwater Acoustics, Dale Carnegie Senior Managers, GEC Divisional Managers, Rice University Acquisitions; GE Executive GM (Europe)

### **Deepwater subsea Oil and Gas developments**

Typically the industry is moving into water depths around 10,000' and well depth below the seabed of 30,000' often deviated.

How this is done can be hard to imagine.

*Presentation will cover the new/**next generation** of technology often referred to as the subsea factory.*

*In order to minimize the need for large structures tethered to the seabed in deep water the industry is moving towards putting the necessary process plant on the seabed and then boosting the processed product long distances to shallow facilities or land.*

## **Christopher Curran – BP Exploration and Production Inc.: Advisor**

**Christopher Curran** has 38 years' experience working in various roles but with a main focus on subsea production control systems. After graduating from the University of Bristol in 1978 with a BSc in Physics, he began his career with Standard Telephones and Cables plc. This included the umbilicals for the Shell Underwater Manifold Centre in the North Sea; this also carried him to the next stage of his career at TRW Ferranti Ltd. Since those early days he has worked in Norway, Indonesia, Malaysia, France, Australia and the USA, before settling in Houston in 1998.

Curran has worked on some significant projects in his career including Gannet (Shell), still one of the largest developments in the North Sea, and the first control buoy for the East Spar Project. As a break from controls, he also managed the qualification of the world's first 15ksi HPHT tree development with significant amounts of R&D.

Curran is also very active in API Sub-Committee 17 where he chairs the working groups for API 17F Subsea Controls, API 17O HIPPS, and API 17V Subsea Safety. He is also a Fellow of the Society for Underwater Technology, and founded the Houston branch in 2000.

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Presentation will cover the areas of oil and gas from how to discover hydrocarbons in the earth's crust and how this technology has developed. It will then move into experience of offshore developments and lessons learned, focusing on the multidisciplinary nature of the industry. This will give a very **broad overview** of Oil and Gas.