

Announcement from the Board

Mr. Masami Hyodo (GERD), Director has resigned his duties at the SPWLA Chapter. We are pleased to announce that Mr. Haruya Nakata (GERD) has been appointed by the Board to succeed Mr. Hyodo. Please refer to the below personal summary for Mr. Nakata. We thank Mr. Hyodo for his great contribution to the SPWLA Japan Chapter, and wish him the best.

Haruya NAKATA

Haruya NAKATA replacing Masami HYODO as Director, is Director and General Manager of Department of Technology, GERD (Geothermal Energy Research and Development Co., Ltd.). He received his B. Sc. degree from Waseda University Tokyo, Japan in 1977 and on the same year, joined Chishitu-Keisoku (Geological Measurement) Co., Ltd. as a staff engineer. In 1981, he joined Geothermal Energy Research and Development Co., Ltd., worked several years as a Staff Engineer and Chief Engineer. Since assigned as Manager of Department of Research and Development in 1991, he took various positions as Managers at Marketing and Business Development and Technology, prior to his current assignment. He is a registered Consulting Engineer (Geology, Applied Science) (Japan, Apr/1991).

Newsletter Distribution by e-mail

To increase efficiency, we would like to distribute the newsletters by e-mail from the next issue. If you prefer receiving by e-mail, please write to Y. Hoshino at Schlumberger GeoQuest (hoshino@tokyo.geoquest.slb.com). Please include the following points:

Name
Company / Organization Name
Department
Position
e-mail address
Address
Phone Number
Preferable Format (a) pdf (b) word

There is no need to resend if you have already informed us.

Announcement from SEG-J

SEG-J Distinguished Instructor's Short Course (DISC 2000)

Since 1998, SEG/SEG-J has been providing a Distinguished Instructor's Short Course (DISC) in Tokyo. This year, Dr. Robert Garotta was selected as the presenter to talk on "Shear Waves from Acquisition to Interpretation" on June 12. We would encourage as many people as possible to come to this course. Please use the enclosed application form for registration. Please refer to the attachments.

第32回支部例会のご案内

今回のトピックスは、今話題のメタンハイドレートです。昨年11月から今年の2月にかけて、メタンハイドレート層の探鉱と、より深部に存在する可能性がある石油天然ガス資源の探鉱を目的とした基礎試錐「南海トラフ」の掘削が行われました。その結果の中からメタンハイドレート層の検層とその解析について、石油資源開発株式会社（JAPEX）の瀬能氏に紹介して頂きます。講演内容の概要については、英文をご覧ください。多数の参加をお待ちしております。

場所: 石油資源開発株式会社 24F 2405会議室
東京都品川区東品川 2-2-20

日時: 2000年5月22日（月）16:00～

プログラム: 16:00～17:15 基礎試錐「南海トラフ」におけるメタンハイドレート層での
データ取得とログレスポンス

瀬能 修 (JAPEX)

17:15～ 懇親会

Invitation to 32nd Chapter Meeting

We would like to announce that the forthcoming Chapter Meeting will be held as follows.

Venue : 24F Meeting Room 2405
Japan Petroleum Exploration Co.,Ltd
2-2-2 Higashi-Shinagawa
Shinagawa-ku, Tokyo
(See the map attached)

Date : On Monday, May 22, 2000

Program : 16:00 "Data Acquisition Method and Log Response in the Methane Hydrates
Bearing Beds, MITI Nankai-Trough Well"
by Osamu Senoh (JAPEX)

17:30 Snacks Buffet

About the topics

Title : Data Acquisition Method and Log Response in the Methane Hydrates
Bearing Beds, MITI Nankai-Trough Well

Speaker : Osamu Senoh (JAPEX)

Abstract :

MITI Nankai-Trough Well was drilled to 3,300m below Mean Sea Level to evaluate Methane Hydrate Beds in shallow and conventional gas and oil potential in deep. All operations were completed February 2000. This well is located on 60km offshore of Tenryuu River, and water depth is 945m.

Totally 6 wells were drilled in this area. Pilot hole-1 was drilled to confirm safety. Pilot Hole-2 was drilled with LWD including resistivity, density and neutron to decide coring interval in the Main Hole. In the Main Hole, continuous coring was tried in the methane hydrates bearing beds and wireline logging was run through 6-5/8 inch drill pipe. Three post survey wells were drilled around Main Hole to supplement logs and core data. Two of them were for wireline logs and One of them was for methane hydrates coring.

High quality and reliable log data was obtained in the post survey wells including VSP, and many methane hydrate cores were recovered from Main hole and Post Survey Well. Obviously high resistivity, high sonic velocity and low CMR porosity curves were obtained in the methane hydrates beds. Hydrates saturation was estimated by Resistivity, Sonic, Density and CMR logs.

['94-'95 Annual schedule of Chapter Meetings]

<i>May 23, 1994</i>	<i>Japan National Oil Corporation</i>
<i>July 25, 1994</i>	<i>Japan Petroleum Exploration Co.,Ltd</i>
<i>September 27, 1994</i>	<i>Japan Oil Engineering Co.,Ltd</i>
<i>November 29, 1994</i>	<i>Technical Research Center, Teikoku Oil Co.,Ltd</i>
<i>January 23, 1995</i>	<i>Indonesia Petroleum, Inc.</i>
<i>March 13, 1995</i>	<i>Waseda University</i>
<i>May 29, 1995</i>	<i>Japan Oil Development Co., Ltd.</i>
<i>September 21-22, 1995</i>	<i>Technology Research Center, Japan National Oil Corporation</i>

['95-'96 Annual schedule of chapter meeting]

<i>November 27, 1995</i>	<i>Idemitsu Oil Development Co., Ltd.</i>
<i>January 29, 1996</i>	<i>Geothermal Energy R&D Co., Ltd.</i>
<i>March 26, 1996</i>	<i>Arabian Oil Co., Ltd.</i>
<i>May 27, 1996</i>	<i>Japan Petroleum Exploration Co., Ltd.</i>
<i>September 26-27, 1996</i>	<i>Technology Research Center, Japan National Oil Corporation</i>

['96-'97 Annual schedule of Chapter meetings]

<i>November 25, 1996</i>	<i>Technical Research Center, Teikoku Oil Co., Ltd.</i>
<i>January 27, 1997</i>	<i>Indonesia Petroleum, Inc.</i>
<i>March 26, 1997</i>	<i>Waseda University</i>
<i>May 26, 1997</i>	<i>Japan Oil Development Co., Ltd.</i>
<i>September 24-25, 1997</i>	<i>Technology Research Center, Japan National Oil Corporation</i>

['97-'98 Annual schedule of Chapter meetings]

<i>November 25, 1997</i>	<i>Idemitsu Oil Development Co., Ltd.</i>
<i>January 26, 1998</i>	<i>Geothermal Energy R&D Co., Ltd.</i>
<i>March 30, 1998</i>	<i>Schlumberger K.K.</i>
<i>May 25, 1998</i>	<i>Japan Petroleum Exploration Co., Ltd.</i>
<i>September 24-25, 1998</i>	<i>Technology Research Center, Japan National Oil Corporation</i>

['98-'99 Annual schedule of Chapter meetings]

<i>November 27, 1998</i>	<i>Technical Research Center, Teikoku Oil Co., Ltd.</i>
<i>January 27, 1999</i>	<i>Indonesia Petroleum, Inc.</i>
<i>March 31, 1999</i>	<i>Waseda University</i>
<i>May 25, 1999</i>	<i>Tohoku University</i>
<i>September 29-30, 1999</i>	<i>Technology Research Center, Japan National Oil Corporation</i>

['99-'00 Annual schedule of Chapter meetings]

<i>November 29, 1999</i>	<i>Mitsui Oil Exploration Co., Ltd.</i>
<i>January 31, 2000</i>	<i>Idemitsu Oil & Gas Co., Ltd.</i>
<i>March 27, 2000</i>	<i>Geothermal Energy R&D Co., Ltd.</i>
<i>May 22, 2000</i>	<i>Japan Petroleum Exploration Co.,Ltd.</i>
<i>September 26-27, 2000</i>	<i>Technology Research Center, Japan National Oil Corporation</i>

Japan Petroleum Exploration Co., Ltd.

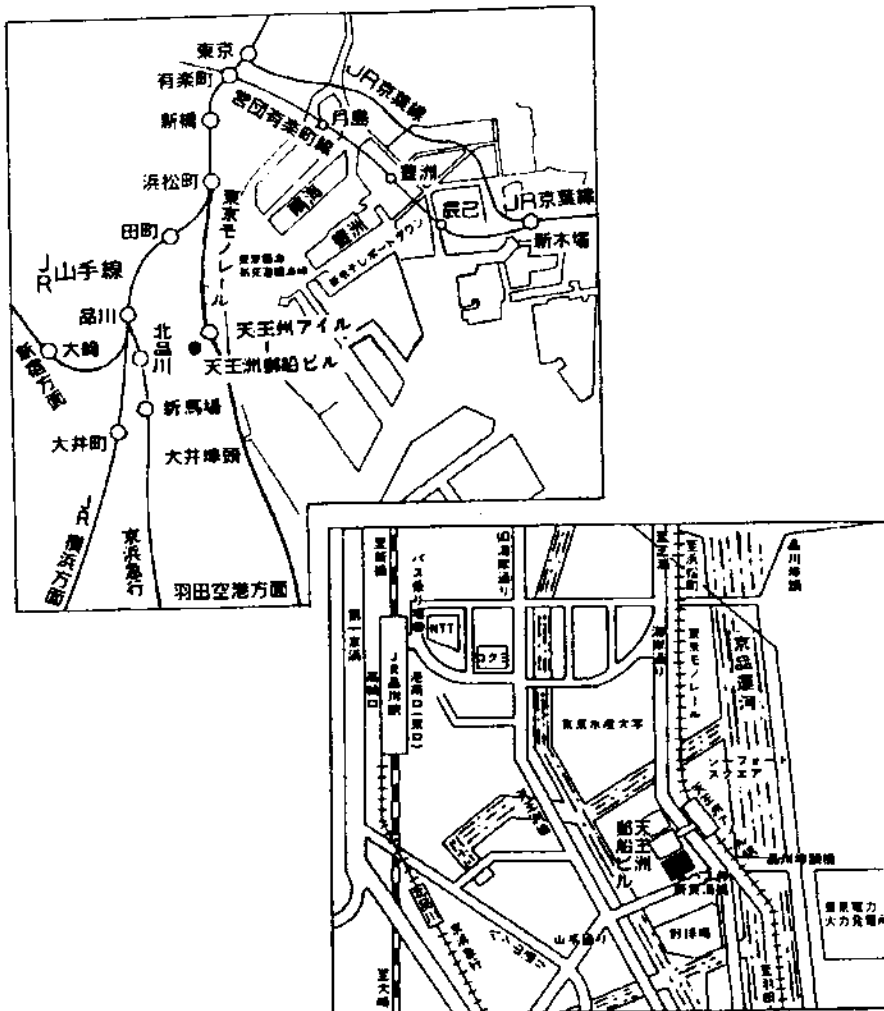
本 社

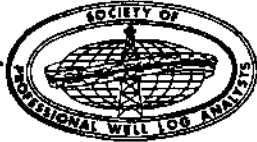
東京モノレール「天王洲アイランド」下車

JR品川駅下車港南口バス停14番にて乗車後「新東海橋」下車

京浜急行 北品川駅下車徒歩20分

新馬場駅下車徒歩15分





*The Japan Chapter of
The Society of Professional Well Log Analysts*

The Sixth Well Logging Symposium of Japan

TRC-JNOC, Chiba September 27-28, 2000

CALL FOR ABSTRACTS

Sponsored by Japan Chapter of Society of Professional Well Log Analysts
Cosponsored by Technology Research Center, Japan National Oil Corporation
Supported by Japanese Association for Petroleum Technology
Society of Exploration Geophysicist of Japan
Geothermal Research Society of Japan
Society of Petroleum Engineers, Japan Section
Subsurface Instrumentation Division of MMIJ

The Sixth Well Logging Symposium of Japan will be held at the Technology Research Center-Japan National Oil Corporation, Chiba on September 27-28, 2000. All persons involved with the Oil, Gas, Geothermal Energy and Geoengineering industry and research institutes are invited to submit abstracts of original papers for presentation at the symposium and publication in its proceedings

NOTE TO AUTHORS: Complete a separate form in typescript for each abstract submitted. Type abstract on a single sheet of A4 paper. It should contain 200 to 400 words in English. Avoid the use of equations, trademarks, literature references, and supplementary text.

Notification of acceptance will be made in **June 2000**. If accepted, a complete manuscript or extended abstract in English will be required for the proceedings by **July 31, 2000**.

ABSTRACT IS DUE NO LATER THAN MAY 15, 2000

-Submission by e-mail is preferable!-

Submit abstracts to : Makoto Miyairi
JAPEX Research Center
1-2-1 Hamada, Mihama-ku, Chiba 261
Telephone: +81(43)275-9311 Fax: +81(43)275-9316
e-mail : miyairi@rc.japex.co.jp

Title of Paper:
Author(s):
Corresponding Author:
Company:
Address:
Tel: Fax: e-mail:
Has the paper been presented before(Yes or No)
Where?when?.....How(Oral or Published).....

Subject classified as (check) :

- | | |
|--|---|
| <input type="checkbox"/> Acoustic/borehole seismic | <input type="checkbox"/> Electrical/electromagnetic logging |
| <input type="checkbox"/> Borehole imaging | <input type="checkbox"/> Nuclear logging |
| <input type="checkbox"/> Cased-hole/production logging | <input type="checkbox"/> Measurements while drilling |
| <input type="checkbox"/> General formation evaluation techniques | <input type="checkbox"/> Petrophysical properties/relationships |
| <input type="checkbox"/> Fractured reservoirs | <input type="checkbox"/> Computer applications |
| <input type="checkbox"/> Geological applications | <input type="checkbox"/> Geoengineering Applications |
| <input type="checkbox"/> Geothermal Applications | <input type="checkbox"/> Other area of formation evaluation |

SHEAR WAVES FROM ACQUISITION TO INTERPRETATION

By Robert Garotta

COURSE DESCRIPTION

Multicomponent studies are perhaps today at the same stage that 3-D studies were fifteen years ago. The renewed interest in shear waves is obvious, especially in the subsea environment where millions of dollars are being spent on acquiring the elastic response of the earth. Because shear wave-related techniques are raising the interest of the E&P industry, this course addresses, through case histories, the practical aspects of multicomponent data acquisition, processing and interpretation.

Although the industry resorts to shear wave propagation when the usual compressional response is poor, the main promise of the shear wave response is in its *combination* with the compressional one. However, this is possible only when the quality and resolution of the two responses are similar.

The first part of the course is devoted to overcoming the difficulties associated with shear wave acquisition. Converted mode operation is covered in detail using real-life examples. The particularities of sea bottom receivers are also examined.

The second part of the course reviews the processing and the main challenges of the shear converted modes: static corrections, gathering, velocity analysis and compensation for shear wave splitting in axial anisotropy. The course gives a detailed description of processing sequences. 2-D and 3-D results, yielding natural axis orientation of layers, are compared in shear and PS converted modes.

The third part of the course is devoted to case histories where new attributes, such as V_p/V_s ratio, crack density, or fracture orientation, are illustrated in a reservoir characterization context. These case histories can guide the geophysicist to decide if a particular geological situation can be best handled using shear waves.

WHO SHOULD ATTEND?

For those who are interested in the potential of the methodology involving shear waves, it is a good opportunity to learn from one of the leaders in this field and to maximize the chances of getting the most out of the data when big investments are at stake.

AUTHOR'S BIOGRAPHY

Robert J. Garotta graduated from the Faculté des Sciences in Paris and began his career in the geophysical department of the French National Center for Scientific Research (CNRS), where he conducted work in the magnetotelluric method. He spent 37 years at CGG, first in the gravity method, then as a seismologist in field operations. Later he joined the General Geophysics Division as an area geophysicist in charge of quality control and technical assistance to operations. His solid technical background, combined with his permanent involvement in field operations, gave him the experience to successfully address the most complex geophysical problems. He concluded his career at CGG as senior vice president of geophysical methods. He is now advising the CGG group in the area of multicomponent seismic data from acquisition to interpretation. He has made significant contributions in various fields of research and development such as vibroseis, velocity analysis, static corrections and 3-D survey design, and is the author of numerous technical papers. He was one of the key promoters of shear wave acquisition, processing and interpretation in our industry. His pioneering work on the use of converted shear waves led him from the first experiments in France to active participation in the Colorado School of Mines projects. A longstanding member of the SEG and of the European Association of Geoscientists & Engineers (EAGE), he was the co-recipient of the Conrad Schlumberger award in 1965. Mr. Garotta has two children and five grandchildren, and he spends a lot of time in his vineyard in the South of France.



Registration Form for SEG/EAGE Distinguished Instructor Short Course

Shear Waves from Acquisition to Interpretation

Instructor: Robert Garotta (CGG)

12 June 2000

Location: Sanjo-Kaikan, The University of Tokyo
Tokyo, Japan

Local Host: The Society of Exploration Geophysicists of Japan (SEGJ)

Presentation: 9:30 a.m. - 5:30 p.m.

Registration opens at 9:00 a.m.

Registration is limited to 90

Important: Please complete a separate form for each registrant

Name: _____

Company Name: _____

Street Address: _____

City: _____ Country: _____ Postal Code: _____

Phone: _____ Fax: _____

E-mail: _____

SEG Member? Yes / No

EAGE Member? Yes / No

SEGJ Member? Yes / No

COST:

Member of SEG or EAGE and SEGJ ¥4,000

Member of SEG or EAGE but not SEGJ ¥11,000

NOTE:

- Please return this form to Dr. Kazuhiko Tezuka, SEGJ International Relation Committee, at the address below. You will receive a money transfer slip for the lecture fee.

- Those who are not members of SEG/EAGE and/or SEGJ are requested to submit the appropriate membership application form(s) and fees to the SEGJ prior to the course.

Return this form to:

Dr. Kazuhiko Tezuka
(International Relation Committee, SEGJ)
JAPEX Research Center
1-2-1 Hamada, Mihama-ku,
Chiba 261-0025, Japan

Telephone: 81-43-275-9311
Fax: 81-43-275-9316
E-mail: tezuka@rc.japex.co.jp

REGISTRATION INFORMATION

To preregister, the completed registration form and fees must be received by the SEGJ **no later than 19 May 2000.**

The registration fee includes course materials. Participants are responsible for their own hotel and travel arrangements. Registration is on a first-come, first-served basis. This course has a maximum class size limit; early registration is urged. If the course is fully subscribed at the time your registration is received, you will be notified and placed on a waiting list as an alternate. On-site registration is discouraged due to class size restrictions, but will be provided on a space-available basis.

第5回 SEGJ 国際シンポジウム -Imaging Technology-
講演論文募集のご案内

2000年4月
物理探査学会

物理探査学会では第5回 SEGJ 国際シンポジウムを下記の要領により開催します。今回は地下のイメージング技術、ならびに地下の不均質性に焦点をあてたものとし、前回同様各界からの招待講演も計画しています。国内外に広く講演論文を募集しますので、奮ってお申込み下さい。

1. 日時 2001年1月24日(水)～1月26日(金)
2. 場所 日本大学会館(東京都千代田区)
3. 名称 第5回 SEGJ 国際シンポジウム -Imaging Technology-
4. 主催 物理探査学会
5. 共催 The Society of Exploration Geophysicists
The Australian Society of Exploration Geophysicists
European Association of Geoscientists and Engineers
The Korean Society of Exploration Geophysicists
6. 協賛予定 岩の力学連合会、計測自動制御学会、資源・素材学会、石油技術協会、地盤工学会、土木学会、日本応用地質学会、日本材料学会、日本地震学会、日本地熱学会、日本リモートセンシング学会、SPWLA Japan Chapter
7. 講演言語 英語 講演論文集も英文とする。
8. テーマ 地下のイメージング技術、ならびに地下の不均質性を主要テーマとする。
9. 講演申込 締切 2000年7月31日
以下の事項を明記のうえ、下記の申込先にウェブあるいは電子メールでお申込み下さい。
 1. 題名(英文)
 2. 発表者(英文および和文、講演者に*印)
 3. 所属(英文および和文)
 4. 連絡先(FAX番号とe-mail)
 5. 講演の概要 英文300～400語
 6. ポスターセッション発表希望の有無
10. 申込先
 - 1) ウェブサイト(推奨)
<<http://segj5th@segj5th.segjsvc.geosys.t.u-tokyo.ac.jp>>
 - 2) 電子メール
<segj5th@segj5th.segjsvc.geosys.t.u-tokyo.ac.jp>
11. 講演受理 申込み締切後、申込者に採否および口頭/ポスターの別を通知します。
12. 論文集 オフセット印刷による講演論文集(英文)をシンポジウム開催までに作成します。講演者には原稿執筆・投稿要領を送付しますので、論文の原稿を2000年9月30日までにお送り下さい。
13. 連絡先 〒143-0027 東京都大田区中馬込2-2-18 サンエスビル
物理探査学会 国際シンポジウム特別委員会
Tel/Fax: 03-3774-5858, <http://www.soc.nacsis.ac.jp/segj/>