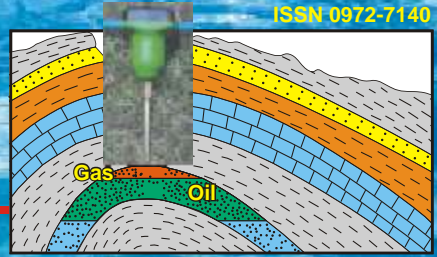




SPG

News Letter

ISSN 0972-7140



Volume 1 No.4 July-October 2002

SOCIETY OF PETROLEUM GEOPHYSICISTS, INDIA

National Mineral Awards and more..

Government of India has announced the National Mineral awards for the year 2001. SPG congratulates this year's awardees; names hereunder, for their excellent contribution to petroleum exploration in the country.

Sh. P P Mitra
Dr. J V S S N Murthy
Sh. N K Verma
Dr. Anil Bhandari

Congratulations again to Sh. P P Mitra who has been invited to serve as member Technical Committee at SPE Asia Pacific Oil & Gas Conference and Exhibition 2003 at Jakarta. He has been selected from amongst nominations from several countries. He has special interest in reservoir characterization studies.



Shri P P Mitra

SPG North American Section Inaugurated..

SPG now has a section in North America. Inaugurated on 26th Sept 2002, this is the first overseas section of SPG and is based at Houston USA. A meeting of this section chaired by President SPG, Sh Kharak Singh was held during 72nd SEG Conference at Salt Lake City. President SPG appreciated the will and intent of section members to contribute to SPG's publications and continuing education program. The office bearers of same are as below.

Raghu Chunduru - *President*
Anubrat Mukherjee - *Vice-President*
Gopal Palacharla - *Secretary*
Prabhakar Reddy - *Joint Secretary*
Subhashis Mallick - *Treasurer*

Executive Members:-

Mrinal K. Sen
Mrinal Sen Gupta

SPG Chennai Organises Lectures..

Chennai Section of SPG arranged a technical presentation on 19 Sept 2002 at Taj Connemara Hotel. The talk entitled "Technical Advances in Acquisition & Processing" was delivered by Mr. Cameroon Astill, President Veritas DGC and Dr. Peter Whiting, Regional Processing Manager, Asia Pacific, Veritas DGC. Another presentation by Mr. Jérôme Lefebvre of M/S CGG, France on "Cluster Technology in Seisdata Processing" was organised on 5th Sept.



Dr. Peter Whiting, Regional Processing Manager, Veritas, speaking on 'Processing Techniques'



Audience interacting with faculty at Chennai

SPG Vadodara Organises Technical talks..

Vadodara section of SPG organised a series of lectures on 1st Sept 2002 at ONGC Officers Club. This programme consisted of talks by geoscientists of Western Onshore, ONGC, Vadodara and was inaugurated by

Sh. S K Mandal, Basin Manager WOBU. Dr. D V R Murty (*Multi Component Seismics*), Sh. P H Rao (*Paleo Geographical Modelling*), Sh G Kar and Sh. C B Yadav (*A case study on WASP Technology*) and Sh. Sanjeev Mayor (*Integrated Approach to Mesozoic Exploration*) delivered these lectures. (See pics.)



Inauguration of SPG sponsored lectures at Vadodara by Sh. S. K. Mandal



Section of audience at SPG Vadodara Meet on 1st September 2002

SPG inducts more Executive Members...

Consequent upon transfer of various office bearers out of Dehradun, two new executive members were inducted at the last meeting of central executive committee. Sh. Anand Prakash (E&D, ONGC) and Sh. P P Dimri (KDMIPE, ONGC) were unanimous choice of the committee for the purpose.

SPG Mumbai Elects New Body ...

SPG section at Mumbai has unanimously elected a new executive body for 2002-2004 as given below

President : Sh. Y M S Reddy (ONGC)
Vice President : Sh. Mukesh Jain (Reliance Ind.)
Secretary : Sh. S Biswal (ONGC)
Jt. Secretary : Sh. Pawan Kumar (ONGC)
Treasurer : Sh. T P Rao (ONGC)
Ex. Member : Sh. L Gouri Shankar Iyer (ONGC)

SPG Ahmedabad holds Talks...

Ahmedabad section of SPG held a lecture series on 24th Sept. 2002. Sh. S Kokku (*Perforation Material Policy: A better well completion approach*) and Sh. N K Khatri (*Mapping of GOC in Limestone Reservoir From Seismic Modelling - A Case Study in Bassein Field*), from ONGC Ahmedabad delivered these talks attended by geoscientists from ONGC, Reliance Industries and GSPCL. Sh. Lehmbar Singh, Patron and Dr C S Jain also spoke on the occasion.

SPG Jorhat Organises Lecture...

SPG Jorhat organised a lecture on "Reverse Shooting and Filling of Missing Depth Points in 3D" on 11th October 2002 by Sh. A Nautiyal. Sh. S K Majumdar, Basin Manager, ONGC also spoke on the occasion. (See pics.)



Shri Avdesh Nautiyal, C.G (S) speaking on on "Reverse shooting and filling of missing depth points in 3D."



Audience at SPG Jorhat Lecture on 11th Oct. 2002

Consortium and New Body at ISM Dhabad...

An SPG initiative, to promote education and R&D in Petroleum Geophysics, is taking shape in the form of a consortium between SGI India, Paradigm Geophysical and ISM Dhanbad. Shri Kharak Singh, President SPG, chaired a meeting to this effect at ISM Dhanbad on 24 Sept. 2002 and an MOU was signed by the participating agencies with SPG as facilitator. Besides a new Executive Body at SPG's Student Section at ISM Dhanbad was elected on 21 Aug for

2002-2003 as below.

President : Dr B B Bhattacharya
Vice President : Sh. Aranya Bhaduri
Secretary : Ms. Aparna Bera
Treasurer : Mr. Subhasis Sett

SPG Kolkata organises Lecture..

Kolkata section of SPG hosted a talk on "Seismic data Acquisition at Offshore with Special Reference to OBC Technique" by Sh S K Singh, ONGC at RCC Conference Hall, Kolkata.

Meanwhile RCC at ONGC, Kolkata has been upgraded with acquisition of new hardware (Sun Blade 1000 & Enterprise 4500, higher Memory and Network speed), and software (for processing, interpretation and visualization).

SPG Delhi Section Workshop..

Delhi section of SPG organised a workshop on Reservoir Geophysics. The event was sponsored by Halliburton (HLS Asia). Sh. S. K. Patra, Director Exploration OIL presided over the function (see pic). Professionals from Geology, Geophysics, Reservoir Engineering and Logging benefitted from this presentation which enhanced multidisciplinary awareness.



Shri S. K. Patra, Director Expl. OIL(3rd from left) presiding over workshop on Reservoir Geophysics

SPG Student Section Waltair Workshop..

The student section of SPG at Andhra University Waltair organised a half day workshop wherein 12 papers were presented enthusiastically by students covering Ground Water Prospecting, Remote Sensing and GPS Technology etc. This was applauded by all.

New SPG Student Section at BHU, Varanasi..

A new SPG student section was founded at Deptt. of Geophysics, Banaras Hindu University on 19th Sept. 2002 (see pic.).

Sh. AG Pramanik, Patron SPG, delivered a lecture on "Rock Physics". A seisdata processing

lab utilising open seismic software was also established by Sh. PK Roy of ONGC on the occasion.

Following are the office bearers for this section.

President : Prof. Avadh Ram
Vice President : Sh. Paresh Nath Singha Roy
Secretary : Sh. Ashutosh Chamoli
Treasurer : Ms. Smita Biswas



Inaugural Ceremony of SPG Student Section at BHU

Sh. I A Siddiqi Superannuates

Sh I A Siddiqi, GM (Geoph), a senior SPG member and Head GEOPIC, ONGC superannuated on 31st Aug 2002 after a glorious innings of 38 years involving all walks of API. He handed over the reins to Dr. C H Mehta. On the eve of his farewell Sh. Siddiqi put up a visual fare consisting of old photographs and mementos. A sample from the same is put up alongside. Let's see how many of the stalwarts in the photograph you can recognise. (see pic.) Check with description at the end.



Pioneers of sixties (photo courtesy Sh. I A Siddiqi)

APG Convention held at Mussorie..

The first convention of APG India was held successfully at Mussoorie from 28-29 Sept 2002. Geoscientists from across the country attended the programme consisting of technical presentations and training courses.



First Indian Seismic Vessel M/V Mahindra 1964-68 (photo courtesy Sh. I A Siddiqi)

Down The Memory Lane

With a view to provide a past perspective to the oil exploration in India SPG intends to publish vintage visuals depicting events, personalities etc. from times bygone. SPG community is requested to send in a copy of such visual mementoes from past to editorial team. We present above India's first Marine Seismic Survey vessel M/V Mahindra (see pic.).

SEG Conference Salt Lake City..

The 72nd Annual Conference of SEG, USA at Salt Lake City was attended by a team of Geoscientists from ONGC, OIL and SPG. (see pic). It is learnt that Apache Corporation, USA has further extended its sponsorship of SEG's Global membership scheme (see form on last page). Interested persons may also refer to the SEG website (www.seg.org) for more details.



Current president Mike Bahorich and past president Walter Lynn of SEG at ONGC Stall.

Industry News

▶ The first two Virtual Reality Centres in Indian E&P industry have been commissioned by ONGC at its Mumbai and Panvel centres. These state of the art centres are backed by Silicon Graphic Hardware and run Landmark (at Panvel) and Paradigm Geophysical (at Mumbai) software to provide three dimensional subsurface visualisation. More such centres are planned for ONGC centres at Dehradun and Jorhat.

▶ Dr. V P Dimri Director, NGRI Hyderabad, (see pic) has been touring Bulgaria and France on a visit to various geo-scientific institutions with a view to explore the possibilities of collaboration with these countries in the field of Science and Technology. Several fields viz. seismic risk analysis, geothermics and groundwater have been identified for the cooperation with Bulgarian agencies. NGRI is already collaborating with French institutes in the field of water sciences.



*Dr. V. P. Dimri,
Dir. NGRI*

▶ In a far reaching move ONGC has inked a deal to buy 37.38% stake held by Birlas in the Mangalore Refinery and Petrochemical Ltd.; a Birla group joint venture with HPCL with Rs. 492 crore turnover in 2001-2002. This deal valued at Rs. 59.5 crores marks the beginning of downstream diversification by ONGC. ONGC is also keen to buy out HPCL stake in the venture.

▶ Veritas DGC Inc. has reported completion of largest ever contiguous, non-exclusive, marine

- ▶ 3D seismic survey covering 20,530 sq. km area in Santos Basin, Brazil. Using two marine vessels for a total of 696 survey-days, 19,465,147 shots were recorded amounting to about 75 Terra Byte of data. The data will be processed simultaneously at Singapore and Houston by Jan 2003.
- ▶ ONGC Videsh Limited has agreed to invest up to US\$30 million in two Libyan Blocks. This will transfer 49% stake in the blocks LC 188 & LC 189 currently held by Turkish Petroleum Overseas to OVL. The deal however still needs approval of government of Libya.(source Dow Jones)
- ▶ Bangladesh gas exploration faces a dilemma as a joint report by energy ministry and Norwegian Petroleum Directorate has placed the country's gas reserves at equivalent of about 40 years current consumption. The report recommends finding more gas reserves prior to exports, which requires an investment of about US\$4 billion. However the international companies involved in the exploration have shown unwillingness to invest unless exports of reserves already found by them are allowed. (Reuters)
- ▶ CGG of France has bought 7.5% of PGS from market as price fell following the failure of merger of PGS with Veritas. CGG backed Jens Ultvet Moe, has taken over as Chairman of PGS. However there is no talk of any likely merger between CGG and PGS. (Reuters)

Calendar of Forthcoming Events

EAGE has announced following events for year 2003

- ❑ Conference & Exhibition at Stavanger, Norway from June 2-5.
- ❑ EAGE/SEG Summer Research Workshop at Trieste from Aug 31 -Sept 4.
- ❑ EAGE Workshop on "Fault and Top Seals: What do we know and where do we go?" At La Grande Motte, France from Sept 1-4.
- ❑ 1st North Africa/ Mediterranean Petroleum & Geosciences Conference and Exhibition at Tunis from Oct 6-9.
(details at www.eage.nl/conferences)

OBITUARIES

SPG notes with profound sorrow the loss of following eminent geoscientists.

1. Sh. J P Vaish (4/5/1932-19/7/2002), who

retired from ONGC as DGM (Wells) after a distinguished career spanning over 31 years, breathed his last at Dehradun. Sh. Vaish was instrumental in introduction of modern logging practices in ONGC. Author of a book on the subject, he holds distinction of logging the first well in Cambay Basin. Sh. Vaish also taught as professor at ISM Dhanbad from 1988-1991. He is survived by his wife and two sons.

2. Sh. Ratan Kr. Sinha (12.8.1949 - 14.8.2002) a Superintending Geophysicist with ONGC breathed his last at Vadodara. A post-graduate in Physics, Sh. Sinha obtained an M.Tech. from IIT Kharagpur and excelled in all walks of API since April 1982. He contributed significantly to E&D work in Wadasma prospect and successfully headed a 3D Seismic Party. He is survived by his mother, wife and a son.

"Pioneers of sixties"

Sitting Left to Right - S/Shri U C Srivastava, M K Sen, I A Siddiqi, V C Ramaiah, P N Mukharjee

Standing Left to Right - S/Shri V B Naidu, I M Arora, M Krishnamurthy, N N Chopra, M M Kaila, S C Mishra, M B Purnaiah

ATTENTION READERS

- ❑ Suggestions are solicited by SPG for phrasing a theme for Hyderabad 2004. Readers can write in / e-mail to the Editorial Team till December 1, 2002. There is a special prize for the selected theme.
- ❑ SPG's web portal www.spgindia.org has been redesigned. Do visit the site and send in your comments / suggestions.



visit us at

www.spgindia.org

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Printed at **Allied Printers**,
Dehra Dun Ph.: 654505



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NUMBER OF YEARS RELATED INDUSTRY EXPERIENCE: I AM CURRENTLY A FULL-TIME STUDENT

STATEMENT OF COLLEGE WORK (HIGHEST DEGREE RECEIVED - IF ANY)

Table with 5 columns: DATES (FROM MONTH/YR TO MONTH/YR), COLLEGE OR UNIVERSITY, INDICATE MAJOR FIELD OF STUDY, DEGREE RECEIVED (BS MS Phd), YEAR OF DEGREE.

CODE OF ETHICS

The Constitution of SEG, Article IV, Section 1. states that "Membership of any class shall be contingent upon conformance with the established principles of professional ethics."
As an elaboration of these established principles of professional ethics, the following Code of Ethics is enunciated. It shall be your duty as a geophysicist, in or to maintain the dignity of your chosen profession:
1. To carry on your professional work in a spirit of fidelity to clients and employers, fairness to employees and contractors, and devotion to high ideals of personal honor.
2. To treat as confidential your knowledge of the business affairs, geophysical or geological information, or technical processes of clients or employers when their interests require secrecy.

3. To inform a client or employer of any business connections, interests or affiliations which might influence your judgment or impair the disinterested quality of your services.
4. To accept financial or other compensation for a particular service from one source only, except with the full knowledge and consent of all interested parties.
5. To refrain from associating yourself with, or knowingly to allow the use of your name by, an enterprise of questionable character.
6. To advertise only in a manner consistent with the dignity of the profession, to refrain from using any improper or questionable methods of soliciting professional work, and to decline to pay or to accept compensation for work secured by such improper or questionable methods.

7. To refrain from using unfair means to win professional advancement, and to avoid injuring unfairly, or maliciously, directly or indirectly, another geophysicist's professional reputation, business, or chances of employment.
8. To cooperate in building up the geophysical profession by the interchange of general information and experience with your fellow geophysicists and with students and also by contributions to the work of technical societies, schools of applied science, and the technical press.
9. To interest yourself in the public welfare, and to be ready to apply your special knowledge, skill, and training in the public behalf for the use and benefit of mankind.

I hereby attest that, pursuant to the requirements for acceptance in the Society of Exploration Geophysicists, I am actively interested in geophysics, a citizen and resident of an SEG-designated Global Country, and accept the Code of Ethics as stated above.

Signature of Applicant

Date

New applicants will begin receiving member benefits upon receipt and payment processing of this application. Global Members shall be entitled to attend the meetings of the Society, to purchase its publications on the same terms as Active Members, and shall be entitled to electronic access to SEG's services, products, and journals. Global Membership shall not include printed copies of SEG journals.

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