

# GeoWorld

NUMBER 33 - JUNE 2004

## Strong Activity in an Unfavourable Financial Climate

Despite strong activity in the field, Geoservices' profitability continues to be challenged by the unfavourable Euro/Dollar exchange rate. On the positive side, however, some of our new services are beginning to contribute to our revenues, and our strategy to increase OPEX-related activities continues to be implemented.

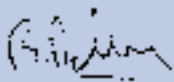
On the Mud Logging front, continued success with FLAIR in the Gulf of Mexico, Middle East and West Africa with several major oil and gas companies has made it clear that there is a very bright future for this service. The demand for FLAIR is especially strong in extreme drilling environments such as deep, very high temperature reservoirs and in ultra-deepwater wells, where it can provide unique reservoir information. At the same time, new contracts for geoNEXT in Brazil, Venezuela, Norway and West Africa indicate that the major oil and gas companies understand that geoNEXT technology can make a real contribution to improving drilling performance.

Our Well Intervention (WI) revenues continue to rise as the effects of our long-term growth strategy begin to appear. A significant part of this growth has so far been driven from the top down through external growth. We need to continue our effort to identify and target strategically important slickline contract opportunities, to win those contracts, and to maintain high service quality and profitability on our existing operations.

We are still working to achieve our objective to improve efficiency and reduce costs, mainly through the extensive review of existing procedures and structures aimed at collectively improving resource management and support centres, optimising fixed costs and generally reducing the company's exposure to exchange-rate fluctuations.



Bruno Burban



Benoît Debray

## Celebrating 20 Years of Success in China

Over twenty years ago, Geoservices and the China National Offshore Oil Corporation (CNOOC) signed an agreement to create a joint-venture company known as China France Bohai Geoservices Company (CFBGC). The agreement was signed in the Hunai Room of the Great Hall of the People, Tiananmen Square, Beijing by Mr Edouard Cochet (then General Manager) representing Geoservices and Mr Cao De

An representing CNOOC. The signing was witnessed by Mr Jean-René Croguennec, CFBGC's first General Manager (see photo on page 2). Probably none of those present realised at that stage what a success the new company would become.

CFBGC started life by providing mud logging services to both the national and international oil companies operating in China. Although it was primarily established for offshore work, in 1986, it was the first mud logging company to work in the deserts of the Tarim Basin, one of the most inhospitable land areas in the world. Here it provided services to the China National Petroleum Corporation (CNPC) and played its part in the first discovery wells that led to the subsequent Tarim 'exploration rush'. Despite fierce, price-driven competition, the company has operated in this area ever since and is seen as the quality service provider for important projects. This too is the reputation it has throughout the rest of China where it also enjoys the n° 1 position in terms of market share.

CFBGC went through some ups and downs over the years, just like all other



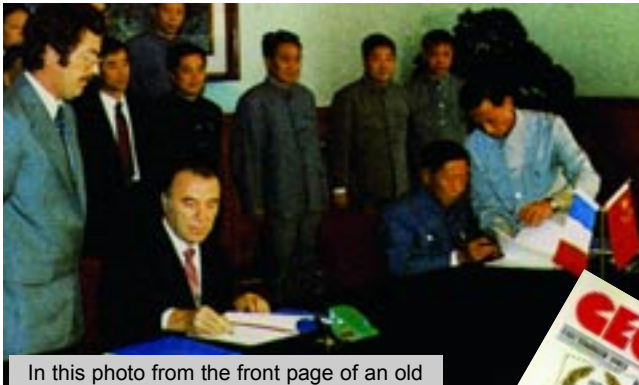
Celebrating 20 years of successful joint venture in China at a banquet in Tianjin in May, from the left: Mr Liu Jian, Senior Vice President CNOOC Ltd.; Mr Yuan Guang Yu, CEO and President COSL; and Mr Bruno Burban, Chairman and CEO Geoservices.

companies in the oil business, but it steadily increased its revenue and consolidated its position until the watershed year of 1997. This was the year that it not only saw a 46% increase in mud logging revenues compared to 1996, but it was also marked by the introduction of well testing services and the beginning of its ISO 9000 certification project. The first well testing contract, for Kerr McGee, is still in place today, which is testimony enough to the quality of services provided. ISO 9002 certification was awarded by DNV towards the end



Mr Jin Xiao Jian, Chairman of CFBGC, giving an address at the celebrations in Tianjin.

20 years in China continued...



In this photo from the front page of an old GeoNews, Mr Jean-René Croguennec (standing left) witnesses Mr Edouard Cochet and Mr Cao De An (CNOOC) signing the CFBGC joint venture agreement in 1983.

of 1998, the same year that a second well testing contract was signed, this time including downhole pressure gauges. Well testing and well intervention activities received a big boost in 2001, when CFBGC took over all the personnel and



equipment of Petrotech Reservoir Services, a subsidiary of CNOOC and the major player in this field in China (see GeoWorld Dec 2001). This meant that by 2002, having been the leader in mud logging in the country for over 10 years, CFBGC had also become the leader in well testing and well intervention. 2002 was also the year that CNOOC transferred its 50% holding in the joint venture to China Oilfield Services

Ltd (COSL), their subsidiary and the leading provider of drilling, well services, geophysical and shipping services offshore China.

So, by the 18th May this year, there was plenty to celebrate! Geoservices top directors flew to Beijing to meet their CNOOC counterparts and CFBGC management and, after the annual board meeting, they attended a banquet in Tianjin chaired by Mr Yuan Guang Yu (CEO and President of COSL), Mr Liu Jian (Senior Vice President of CNOOC Ltd.), Mr Jin Xiao Jian (Chairman of CFBGC and Executive Vice President of COSL) and Mr Bruno Burban (Chairman and CEO of Geoservices and Vice Chairman of CFBGC). The celebrations were attended by more than 100 other distinguished guests from COSL, CNOOC and other companies of the Chinese oil industry.

## Slickline Seminar Focuses on Service Quality



Participants at the slickline seminar held in Le Blanc-Mesnil in June, from the left: Steve Drinkwater, WI Manager; Rob Sinkewich, WI Manager - Middle East District; Michel Nadeau, WI Manager - Venezuela; Graeme Rignault, Area WI Manager - Americas; Doug Slevin, Project Manager; Ken Mackie, Base Manager - Songkla; Doyle Dean, Area WI Manager - Asia-Pacific; and Ralph Duckworth, Operations Manager - East Kalimantan, Indonesia.

June saw a gathering in Le Blanc-Mesnil of senior slickline managers drawn from various parts of our worldwide organisation, including from Welltekindo. The theme of the seminar was Service Quality. During the five-day meeting, major advances were made in the CAS project (Competence Assurance System), with consensus reached on job categories

and knowledge requirements for entry-level personnel through to supervisors. Two days were also spent on reviewing and endorsing a comprehensive set of SOPs (Standard Operating Procedures), RAs (Risk Analyses), and JSAs (Job Safety Analyses) that will soon be adopted into our Well Intervention (WI) operations worldwide. Finally, presentations were made by the Technical Department, and by Supply Chain Management, both of which gave the participants an insight into the engineering expertise available to enable continued growth. Hubert Janszen also travelled from Scotland to present Geoservices' new International Training and Assessment Centre in Dundee.

All participants left the seminar with renewed energy to continue leading our Service Line forward, with a special focus on Service Quality.

All participants left the seminar with renewed energy to continue leading our Service Line forward, with a special focus on Service Quality.



Sebastien Loemba, pictured next to one of our newer slickline units in Pointe Noire, Congo has been employed as Base Mechanic there since 1986. He recently solved a hydraulic problem that the SL unit supplier had been unable to resolve!

S P O T L I G H T  
**Focus on Yemen**



The Republic of Yemen is one of the less well known oil producers in the Middle East region and Geoservices has

been operating in the country since the early 1970's. Yemen is one of the few countries in this region whose petroleum reserves have not been fully explored yet. This is all set to change as there has been a spurt of exploration activity over the last two years by more than 25 international oil companies.

Geoservices is the preferred mud logging services provider with a large majority



During a field visit to a mud logging unit in Yemen, from left to right: Narendra Bist, Well Site Geologist; Talal Modhish, Mud Logger; Shajahan Valiyaveetil, District Operations Manager; and Susheel Srivastav, Field Supervisor.



of the market share. Many of the operating companies are also keen on us providing well testing and EPF services and we are also expanding our well intervention and field surveillance activity in Yemen.

Geoservices is considered to be one of the companies that most successfully integrates the local personnel into its workforce. We employ and train Yemeni personnel and at present have a well-trained and highly competent pool of 26 local personnel from the level of mud

logger to well site geologist. Yemenis make up more than 50% of the Geoservices workforce in Yemen. This has been viewed by the Yemeni government and oil field authorities as a measure of our commitment to their country.

Operating in Yemen is a challenge and requires a lot of dedication and commitment from the field personnel and base staff in order to provide the outstanding level of services we are presently providing to all our clients in Yemen.



Gokarna Khanal recently bumped into a familiar face during his field inspection of a mud logging unit working for Santos, in the Cooper Basin, Australia. He met Mark Badcock on site, working as a Consultant Wellsite Geologist for Santos. It is good to see that Mark is still in the oil business and we wish him well! The photo shows, from left to right: Mark Badcock (Consultant WSG); Sarah Carter (Senior Drilling Engineer, Santos); Steve Pledge (Mud Logger) and Gokarna Khanal (Field Support Department Manager - Asia Pacific)



Some of Geoservices' personnel from the Hibernia Platform, offshore Newfoundland, Canada, seen here at a recent curling 'bonspiel' at the St. John's curling club. The bonspiel (curling tournament) was organized by the Memorial University Alumni Association of which many of our local personnel are graduates. Unfortunately they didn't win the trophy but apparently the beer tasted just as good! From the left: James Jackson - Mud Logger; Steve Finney - Base Manager; Bill Smith - Senior Data Engineer; Chris Mews - Senior Mud Logger; Shane Crawley - Senior Mud Logger; Gerry Sheppard - Data Engineer; and Chris Rose - Mud Logger.



North Sea

**The crest of the wave from the last GeoWorld has arrived!**

The Trans Ocean Leader has now been mobilised along with a geoNEXT and it also includes a world-first getSMART and 8” mass flowmeter-based heave-compensated kick/loss detection service.



The new unit was launched for Total, not by cracking champagne across the bow, but more convivially, by drinking it in a toast to the occasion! From left to right: Gabriel Corcoran, then ML Service Line Manager; Ahmed Ibrahim, UK Country Manager; Steve Davidge, North Sea District Manager; Rob Taylor, Corporate HSE Manager; Christian Longis, Head of Geological Operations, Total; Nicholas Ville and Rosa Chastell, Geoservices Technical Support for Total.

That’s not the only first though; this important ONYX well will now also be the first FLAIR contract in the North Sea. Much good work, with support from Chris Platt (Marketing) and Gabriel Corcoran (ML Service Line) has gone into securing this prestigious contract with Norske Shell.

Meanwhile the “firsts” continue with another 8” mass flowmeter-based ALS-K service being installed on the



An interior view of the newly designed data unit provided by Geoservices for Total on the North Alwyn platform in the North Sea.

Ocean Vanguard, which is sailing for a shakedown well on behalf of Talisman before commencing an important HPHT exploration well.

Yet another first has just been mobilised to the old North Alwyn platform, which has been drilling since 1986. This was a newly designed unit with a new concept, providing an integrated decision platform, where ML/LWD/MWD/EL data are combined and presented in real time in a formation evaluation control room. It was designed in conjunction with Total specialists and launched with a local photo shoot on a rare sunny day in May. Our thanks go to Steve McCalmont, Senior Operations Geologist and Christian Longis, Head of Geological Operations for input into the unit’s specifications. And for our final first in the North Sea; this was seen with the launch of gWEB for Conoco Phillips.

On the Safety front, a world record 12th consecutive 5-Star Safety Award has been received from the British Safety Council after a two-day audit at the Aberdeen shorebase. A great effort by all concerned, and much appreciated.



The North America Region has begun to take advantage of the elaborate facilities of the new Geoservices International Training and Assessment Centre in Dundee, Scotland. Ken LeBlanc (left) and Sajjad Ansari were the first operators from the region to attend a course there, participating in PreVue training held in late May.

Our gWEB service continues to earn rave reviews in the USA. After a brief trial period, one client has directed that gWEB replace a competing data transmission service for their wells in Texas, citing vastly improved ease of use.

In late May, Geoservices completed its first training session in collaboration with Industry group NEX (Network of Excellence in Training). The two-day seminar, held at the Houston Training Centre and Schlumberger’s Sugar Land, TX facility, and covering well testing and mud logging, was undertaken for a group of five geologists and engineers for Mexican operator PEMEX. Established in 2000, NEX is a consortium made up of Heriot-Watt University in Scotland, Texas A&M University, The University of Oklahoma and Schlumberger Oilfield Services. The consortium provides a variety of options in high-level oil industry training, up to and including degree programs.



North America

**Exploring deep gas sands**

We are finding a niche in the tough US land drilling market with increasing activity exploring deep gas sands in East Texas. First Source Texas, Inc. has begun drilling of its second well in Leon County, East Texas, with Geoservices as mud logging contractor. Later this summer, yet another deep gas well in the area, this time for Anadarko, will be getting under way.



West Africa

**New training centre in Libreville**

A new training centre was established in Libreville, Gabon in February this year under the direction of Eric Rouanet and with the initial goal of centralising all mud logging training for West Africa in the District office. The natural extension of this, and ultimate goal, will be to coordinate all field personnel and the CAS



In the new West Africa District training centre in Libreville, from left to right: John Ryan, District Mud Logging Manager; Mathieu Anvouli; Firmin Tsiba-Ntadi; Sthalgard Bouckoulou-Polo; Jean Yves Nkondo; and Eric Rouanet, Training Manager.

gram has now been fully and successfully implemented in all countries of the District with very good returns (in terms of quality and quantity) from both field and base staff. Maturin Base successfully passed the periodic BVQI ISO 9001:2000 audit in February - Ciudad Ojeda Base audit to come in August.

Personnel movement during the last quarter: Eduardo Garcia left his position as Venezuela Business Development Manager and became Ciudad Ojeda Base Manager. Adixo Mata (former WI Operations Coordinator in C. Ojeda) took up his new

function as Assets Controller for Venezuela. David Poyo, the new Financial Controller for the District arrived in Caracas in March, replacing Christophe Blaquières who returns to head office.



Middle East

**New O & M Contract in Qatar**

The Middle East District has recently been awarded a new Operations & Maintenance contract with Total Exploration & Production Qatar (TEPQ). Starting in April 2004, the contract is for a minimum period of three years.

The project scope is the Operations & Maintenance of the Al-Khalij field, located offshore Qatar and producing 150,000 BFPD. The facilities consist of 5 main production platforms and 3 satellite well platforms, connected to 2 processing facilities on Halul Island. Around 40 producing wells are activated by submersible pumps (ESP) and the field also includes six water injection wells and three water supply wells. Over 40 people have been recruited, trained and assigned to the project. This contract is a good benchmark for us to expand the Operations & Maintenance segment of our business in the District.

from within the District. A staff house has also been established in Libreville which undoubtedly many will become familiar with in the coming months, either when attending training or in transit to/from Port Gentil or the Congo.



North Latin America

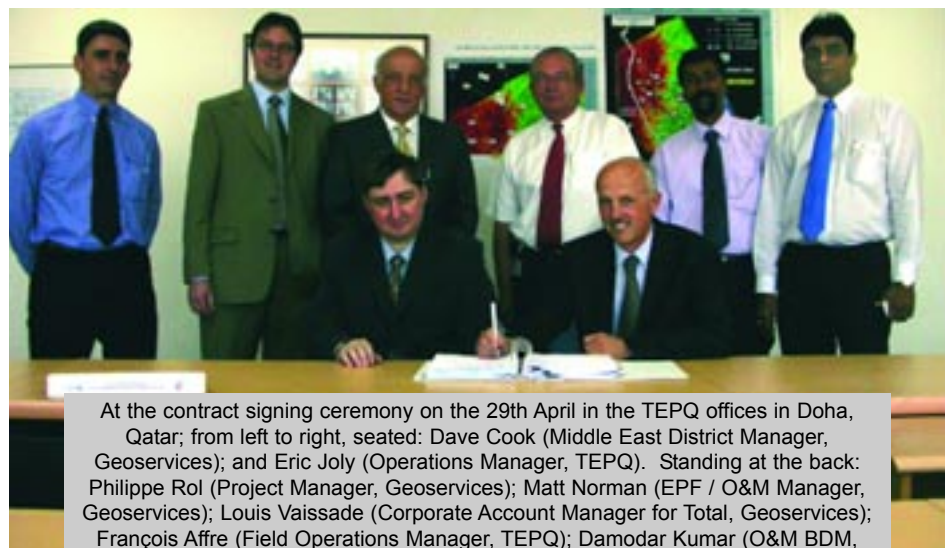
**Good Field Surveillance prospects**

Another achievement to add to our Maturin Well Intervention team's already imposing track record: in May, as part of our contract with one of the majors, we mobilised for a HP Memory PLT job. The pressure gauge on the well-head displayed an impressive >9,000 psi WHP. Rig-up was made following strict procedures and the job was carried out safely and successfully with an outstanding job appraisal from our client.

With the numerous mature fields in the country, Venezuela was an obvious target for the commercial introduction of our Field Surveillance service. The first complete Geoptimax unit arrived in Venezuela a few weeks ago and is now ready to go to the field. A few very strong prospects will lead to commercial operations very soon. In fact, by the time this edition of GeoWorld is published, the first operations should be completed in both the Maturin and Maracaibo Lake areas. On the HSEQ front, the SOC pro-



Jose Fermin, Wireline Chief Operator, was selected as "Safety Man" for Q1 2004 rewarding his constant commitment towards Safety in the challenging high pressure and deep wireline operations he is in charge of. From left to right: Adelaida Ascanio, Venezuela HSEQ Coordinator; Jose Fermin; and Bernard Piller, Maturin Base Manager.



At the contract signing ceremony on the 29th April in the TEPQ offices in Doha, Qatar; from left to right, seated: Dave Cook (Middle East District Manager, Geoservices); and Eric Joly (Operations Manager, TEPQ). Standing at the back: Philippe Rol (Project Manager, Geoservices); Matt Norman (EPF / O&M Manager, Geoservices); Louis Vaissade (Corporate Account Manager for Total, Geoservices); François Affre (Field Operations Manager, TEPQ); Damodar Kumar (O&M BDM, Geoservices); and Kishore Naik (Qatar Country Manager, Geoservices).

## PERSONNEL

## Five of the Best with the Geoservices Group

Here is our traditional list of personnel celebrating one or more 5-year periods since joining the Geoservices Group. For clarification, this list is not necessarily a record of years' service, but rather denotes a 5-year anniversary of the year when the individual FIRST joined the company. In other words, the list does not necessarily take into account those who left the company for a period before realising their mistake and coming back again! As always, since we are only human, and since computers are not even human, we apologise to anyone who might have been missed out.

**35 years**

HARDENBOL PETRUS  
PELISSON JEAN-RENE  
VAN DEN HEUVEL ALEXANDER  
ROMER ARIE

**30 years**

MICO MARCEL  
TAYLOR ROBERT  
DAVIDGE STEVE  
CROGUENNEC JEAN-RENE  
FEINTRENIE JACQUES  
GARDERES MICHEL  
OSUJI CHRISTIANA

**25 years**

ADAM JEAN-JACQUES  
BOTJE LOTHAR E.  
BROADHURST IAN PETER  
CAMBLONG ALAIN  
FRENCH ROBERT  
MARESCHAL DIDIER  
PIENIAZEK JAN  
SANCHEZ CHRISTIAN  
WATT RICHARD  
MIRVILLE PASCAL  
ACHMAD EFFENDI  
ACH  
POMANTOW BILLY  
ZULKARNAEN  
MARESCHAL DIDIER GEORGES

**20 years**

DU DA JIAN  
LIAO GUO LIANG  
WANG FU LI  
WU WEI FENG  
DI PESRSIO MAURIZIO  
MATALONI GIANFRANCO  
BENJAMIN AROKIAM LEONARD  
CARMO LOBO RODOLFO ARNALDO  
DONAHUE LEO ANDREW  
FERNANDES OLAVIO  
BATCHELOR SIMON JAMES  
BAUTHEAS MICHEL  
FRY ROBIN ERIC  
KUMAR DAMODAR  
O DRISCOLL PAUL  
SAADI DJAMAL  
SCHAAL PATRICE  
VALIYAVEETIL SHAJAHAN  
GUERRERO JORGE  
ARNAUDY DEREK  
BARADAT-LIRO PIERRE  
BREVIERE JEROME  
CULEUX JEAN-MARC  
GALOPIN PIERRE  
GIRARDI JOSEPH  
PHILIPPE JEAN-LUC  
SERVAIS LUC  
TRIAU SYLVIANE  
ELMESLATTI NOUREDDINE  
HIFLE MARK  
IDCZACK JAN  
ROWNEY BARRY  
ASMUNI ASMUNI  
BACHRUN BACHRUN

HADI ACHMAD  
IRYAN MARSYUL  
PANGALA P  
SAUNG SAMUEL  
SUPARDI SUPARDI  
TARA HAIZARIN  
BOSCO PEREIRA

**15 years**

ZHOU QING DONG  
DENG WEN BIN  
DI CAMPLI MARCELLO  
YSLINDA BTE SALAMAT  
JAROP JOHNNY  
BIST NARINDER SINGH  
DA SILVA HUGH MARTIN JOSE P.  
FAHY PATRICK CHRISTOPHER  
GEORGE AUSTIN BERNARD  
JONES STEPHEN KENNETH  
KALE SANDEEP  
KALOKHE SAMIR RAJANIKANT  
RAO MUSHNURI SUDHAKAR  
SRIVASTAV SUSHEEL KUMAR  
SUDHIR CHAKRADAR DHASMANA  
UMAMAHESWARAN SRINIVASAN  
VAZ NOEL VINCENT  
VENUNARAYAN BORKHAY  
WYNN SAN  
ABDEL MONEIM MOHAME DaBDALLA  
MOSTAFA

AUGOR JEAN-PAUL  
AWARA ABDALLA ZAKARIA  
COOK DAVID BANNERMAN  
D MELLO CLYDE  
DENIZEAU YVES  
GAFFON MARK  
GILOT JEAN-PIERRE  
GUELLEC JEAN-MICHEL  
GUTIERREZ ORJUELA GUILLERMO  
JAYNE MARK TERENCE  
LARA CASTILLO JOSE  
LEON ORTIZ JUAN FRANCISCO  
MATIAS HERNANDEZ JULIO AGUSTIN  
NAIK KISHORE  
ONA VELASCO EUSEBIO  
ORJUELA-GAMBOA ANDRES  
ROTA FRANCO  
SALEH ALY MOHAMED MAHMOUD  
SALEM ALI MOHAMED  
TISSOT JEAN-MARC  
URBANIK FRANCK  
WRIGHT PAUL  
AWARA ABDALLAH  
DEL RIO JUAN JOSE  
GORDILLO JORGE ANTON  
ROLON MARCELO  
CAMARGO CORONEL RIMSKY KORSAKOV  
BOSSI EVELYNE  
FISCHER SENEZ DOMINIQUE  
GOB NADIA  
KEMEICHE YASMINA  
LADIEL JEAN PIERRE  
LALAUT NATHALIE  
MERABET NASSER  
ZENTANI SALEM  
ADAN ARMAS ANGEL R.  
DEMERDASH AHMED DEMERDASH

LE MAHER MOHAMED R ASHAD KHALIL  
MUL ZAINUDDIN  
SUPRAWANTO HURIN  
AKPANATA UDO.I  
KOIDA OLUKA  
WORLU STEPHEN  
BAIN RODERICK

**10 years**

GAO WEI QING  
GUO LIANG XIN  
LI XIAO PING  
WANG BAO LING  
XU JIAN HUA  
YANG LIAN SHENG  
CHEN CHUN YONG  
CHEN GUO  
CHEN SHENG JIN  
CHEN YA QIN  
CHEN YING  
CHEN JIAN HUI  
FAN SHAO WEI  
GUO LIANG CHAO  
HAN FANG  
HE XIAO QIANG  
HUANG KAI BIN  
LIANG JING LIE  
LIANG TU WANG  
LIAO MAO LIN  
LIN WAN XIONG  
LIN XIAO XU  
LIU GUO JIANG  
LU GUO FU  
MAO MIN  
PANG YA YUN  
SHEN ZHI HONG  
WEI XIAO SHAN  
WEI YUAN FA  
WENG CHUN JUN  
WU NENG HUI  
WU WEN JIA  
XIAO ZUO BIN  
ZHENG YI QUN  
ZHOU HUA LI  
DAO PHUONG HANG  
NGUYEN DUON THANH  
TRAN THI CA THI  
TRAN VU ANH TU  
AFFANDI EDWIN  
AHMAD FAZAL  
DUANGPAKDEE CHALIT  
JITPHITHAK PRAKOB  
JOHANES DICKY  
NABI AALE  
THYAGARAJAN DAVID NELSON  
TREEKAW CHATCHAI  
CAMARGO CORONEL JOHN GORDON  
BEAUVAIS MATHIEU  
BROTONS EMMANUEL  
CHUBERT DAVID  
EDSO JOHAN  
ELDRIDGE MARTIN  
GICQUEL CHRISTOPHE  
GRANGE JOSEPH  
GRISWOLD SCOTT MADILL  
MERCIECA CARMEL  
MONTESINOS CYRILLE

QUINTERO JAVIER  
TORRES JAIMES OSCAR EDUARDO  
DAVIES ANTHONY  
DOCZY GEDEON  
SMITH MARK  
HARO JOSE EVARISTO  
MACIAS MARIA FERNANDA  
NAVARRO CUSTODIO ISAAC  
ROMAN JORGE ANGEL  
STIER JUAN CARLOS  
ZHANG JIAN HONG  
HERNANDEZ AGUIRRE JAIME  
PATINO OVIEDO ARMANDO  
AGILA LORGIA  
MALEZA TITO  
VARGAS NERY  
VILLARD ERIC  
BELSOUS KHALED  
ELCHARIF MOHAMED  
ELMABROUK MOHAMED  
GALHOUD JUMA  
SNOUSI FARAG  
GABRIELSEN KRISTIN  
HEGGERNES FRANK  
SCOTT ALAN  
AGUIAR GONZALEZ CESAR  
LOPEZ AGUILAR JUAN B.  
VILLALBA MARTINEZORLANDO RAFAEL  
RAWAT RAVENDRA SINGH  
AMRI SYAIFUL  
CIPTA YAN YAN  
EFFENDI K TAUFIK  
MANULANG PARULIAN  
WAHYU EKO  
CZERWINSKI THOMAS MICHAEL

**5 years**

QUAN YU (TRACY)  
TANIMOLA AYODEJI FEMI  
QIAO HUI  
ZHANG CHUAN ZHOU  
WALKER DAVID  
APPADURAI AMUTAVALLI,  
KULKARNI NITIN  
SUKINO NASIR  
ANDERSON VINCENT  
BLACK DAVID  
PLATT CHRIS  
BLAQUIERES CHRISTOPHE  
DURAND OLIVIER JACQUES  
KOERS KLAAS  
ROBINSON ALEC EDWARD  
SIDDIQI FARRUKH  
CRAWLEY SHANE

ENGLAND KEVIN  
KAVANAGH STEVE  
SHEPPARD DEAN  
SENNIS STEVEN  
AUGUSTO PIRES  
FERNANDEZ ZULEMA MARGARITA  
GONZALEZ ARANEDA LUISA ESTER  
GRANES GUSTAVO JAV  
MANSILLA SEGUNDO REYES  
MARIN HUMBERTO  
PAGURA ANDRES GUSTAVO  
SEMINARIO MARCOS  
TORRES BARRIA ISIDORO ABEL  
TRONCOSO WALTER ANDRES  
VIDAL VIDAL JOSE SERGIO  
ZABALA ROXANA  
SANCHEZ ROURE ANTONIO RAFAEL  
MBEMBA BONIFACE  
ZAMOGUILNAI ANGELLA  
AYALA MARIO  
EL SNAFAWI MOHAMED  
BRIARD JEAN-LUC  
MSIKA GILLES  
THIBAUDEAU GERARD  
AL HBEASHE ADEL  
MEDWI ISAM  
BRITO CARLOS  
ESTABA DE AMAIZ MILAGROS  
GOMEZ MARCELINO  
LINARES CARLOS DANIEL  
LOPEZ ROMERO BRILNOLFO DE JESUS  
PINTO CARLOS  
POLLONAI YONE  
RODRIGUEZ PEDRO  
ANIQOBE EUGENE OSHISHIKE  
BORJA CAWILAN RICARDO  
IBUKUN MATTHEW BOLANDE  
KIRIYANTHAN VARGHESE JOY  
MAHENDRAKAR SHRISHAILESH  
VASUDEV  
NWACHUKWU COLLINS UZOMA  
NWAQJI STANLEY OBIAJULU  
OLETUBO KAYODE SUNDAY  
UDOH MARTIN CHRISTOPHER  
ISMIR KRATISSIA  
FIGONI MARCO  
OSORIO OROZCO CESAR AUGUSTO  
ADEPOJU DAYO  
AMADI CHIBUZOR  
GBEDEDU AYO  
HART DAGOGO  
ROBERTS KINGSLEY  
ACCIAI MAURO  
HETHERINGTON CHRISTOPHER JOHN



The Geoservices Group newsletter  
Publication Director & Editor: Keith Ross

Layout: Seven Orients

7, rue Isaac Newton – 93150 Le Blanc-Mesnil – France  
Tel.: 33 (0) 1 48 14 83 83 - Fax: 33 (0) 1 48 14 85 85

E-mail: [mail@geoservices.com](mailto:mail@geoservices.com)  
Website: [www.geoservices.com](http://www.geoservices.com)