

Minutes of the Fourth Meeting of The Americas Petroleum Survey Group May 18, 1999

Convened at BP Amoco - Houston, Texas

The fourth meeting of the APSG was opened with a welcome to the Houston offices of BP Amoco by Mr. Bruce Carter. Mr. Carter gave a briefing to all on emergency egress procedures. The meeting was then officially commenced by the Chair, Mr. Mike Chamberlin. Mr. Chamberlin recognized first-timers and welcomed all. Individual introductions were made around the table. A complete list of attendees and the accepted meeting agenda is here entered into the record:

List of Attendees

Girbig, J P	HIS Energy
Maultsby, Tony	Conoco
Aldrich, Craig	Marathon Oil Co.
Reblin, Michael	Unocal
Naismith, Jim	Javad
Quinlivan, Bill	Schlumberger
Beattie, Hugh	Exploration Geodesy
Harwood, Rod	Phillips Petroleum
Russell, Ken	Houston Community College
Bush, Bob	PennzEnergy
Barnes, Michael	Eagle Geophysical
Barrs, Barry	Exxon Exploration
Salvage, Derek	Exxon Exploration
Crozier, Kevin	Mobil
Chamberlin, Michael	Arco
Sutherland, Cassandra	GeoQuest
Cain, Jim	Western Geophysical
Carter, Bruce	BP Amoco
Buhler Jr, George L	BP Amoco
Stigant, Jon	Consultant

APSG 4 - May 18, 1999
Agenda

9:00	<u>Opening</u> Introduction Welcome Distribution of Minutes APSG3 Acceptance of Minutes Acceptance of Agenda	M. Chamberlin B. Carter J. Cain All All
9:15	<u>Internal Business</u> Articles of Association Founding Members New Members Election of Officers	B. Barrs All All
10:15	<u>Break</u>	
10:45	<u>EPSG Update</u> Software demo EPSG V4.3 Update and Demo	J-P. Girbig J. Cain
12:00	<u>Lunch</u>	
13:00	GPS Frequency Issues	A. Ciganer(Trimble)
14:00	Break	
14:15	<u>Updates on Activities</u> Education Exploration Geodesy Software Specs Professional Societies Y2K	B.Schostak et al H. Beattie W. Quinlivan M. Barnes J. Cain
15:00	<u>Other Business</u> Website and\or Newsletter Action Items Next Meeting	All All All
15:30	<u>Adjourn</u>	
16:00	Social Meeting at Paddington Station Bring your own credit card Sponsors welcome	

Mr. Jim Cain circulated the minutes of APSG3. There was a brief discussion followed by acceptance from the Chair.

Internal business of the group began with circulation of revised Articles of Association by Mr. Barry Barrs. There was a brief discussion and confirmation of changes made by the membership. There were no exceptions raised at this time. The chair delayed a vote on acceptance till after lunch to afford more review by the first time attendees.

Mr. Chamberlin recognized new members present and this was followed by discussion of new membership. Mr. Michael Barnes suggested a closer relationship with other related industry groups and societies.

The Chair then commenced election of new officers. Candidates nominated for the ballot are:

Chair	Mr. Barry Barrs (Exxon)
	Mr. Dean Mikkelson (Geoquest) not present
Vice Chair	Mr. Michael Barnes (Eagle Geophysical)
Secretary	Mr. Phil Summerfield

A secret ballot was held to decide the Chair position. Thus the newly elected officers of the Americas Petroleum Survey Group:

Chair	Mr. Barry Barrs (Exxon)
Vice Chair	Mr. Michael Barnes (Eagle Geophysical)
Secretary	Mr. Phil Summerfield

At 10:00 the meeting broke for about 45 minutes for refreshments and informal discussion.

The meeting resumed with two presentations relative to the EPSG geodetic database. First, Mr. JP Girbig (IHS Energy, formerly Petro-Consultants) offered a demonstration of PC Galileo 2000. This is a coordinate processing package designed to operate on the EPSG tables. Mr. Girbig states that the package is currently “experimental “ and that no plans currently exist for its marketing or proprietary implementation.

This was followed by an update on EPSG V4.3 by Mr. Jim Cain (Western Geophysical). Mr. Cain states that the new version will be more “user-friendly” and should be on-line within two weeks.

At approximately 12:00 the group recessed for a lunch catered in the meeting conference room.

The session resumed at 13:00 hours with two invited guests from Trimble; Ms. Ann Ciganer, Executive Director, Policy, U.S. GPS Industry Council, and Mr. Hank Longaker. Ms. Ciganer made a presentation titled "Protecting GNSS Availability, WRC-2000 Spectrum Defense". The U.S GPS Industry Council voices strong concern over the grab for electromagnetic spectrum, particularly by telecommunication groups, which is encroaching on the GNSS spectrum. Ms. Ciganer presented the arguments and actions made by the GPSIC and offered the positive results accomplished by industry lobbying. Copies of two "sample" resolutions were distributed, one from the Aerospace States Association and another by The Air Transport Association of America. Ms. Ciganer encouraged the petroleum industry to voice their opinion and concerns in a similar fashion.

Discussion followed with Mr. Jim Cain requesting that the presentation be posted on the Internet with a listing of votes by country.

Mr. Jon Stigant (Consultant) commented that the Petroleum industry relies heavily on the spectrum for a variety of needs (telecom, sat-nav, etc.) and that one industry voice would be heard.

Mr. Derek Salvage (Exxon) concurred and raised the idea of organizing Petroleum GPS users.

At 14:00 the meeting broke for approximately 15 minutes for refreshments and informal discussion.

The session resumed at 14:15 for an update on current activities of the group.

The Education Committee was represented by Mr. Jon Stigant (substituting for Mr. Brian Shostak who was not present). Mr. Stigant presented several options to be considered by the EC. 1) A group newsletter, 2) a forum concurrent with the annual SEG convention, 3) presentations to individual companies targeting both managerial and technical audiences. Finally, Mr. Stigant stressed that resources must come from APSG members.

There was much discussion on what direction should be taken with no agreed conclusion. Mr. Hugh Beattie (Exploration Geodesy) states that Mr. Patrick Wheeler-Holohan (formerly Exploration Geodesy) had developed a geodesy awareness course.

Continuing activity reports, Mr. Bill Quinlivan (Schlumberger) followed up on geodetic software standards. He expressed his keen interest in this area and was answered in his call for volunteers by Mr. Mike Chamberlin. A call was made for an APSG endorsement supporting geodetic standards in petroleum software.

Mr. Michael Barnes presented the group with a "Round up of Professional Organizations" directory. It included url addresses for several survey, mapping,

and geodesy websites as well as a listing of what is currently in and out of fashion in the industry. Mr. Barnes suggested closer relationships of the APSG with these other organizations.

Next, Mr. Jim Cain talked of Y2K preparedness in general and specifically of test results conducted by Syntron. Mr. Cain promised to distribute a PowerPoint file of these test results.

Mr. Ken Russell (Houston Community College) informs the group of an "Introductory Course in GIS" available via distance education. A description of the course was distributed. Mr. Russell states that most his students are in the process of "re-tooling" however there has been some rise in the number of new-entry students.

Closing business included a recognition by the Chair that the APSG needs an easy to find website. Mr. Barnes volunteered to investigate the available options.

Finally, Mr. Chamberlin called for a vote on the approval of the Articles of Association. The vote was unanimously in favor of approval.

The next convening of the Americas Petroleum Survey Group was agreed to on November 4, 1999 at a hosting site to be determined.

Mr. Mike Chamberlin was recognized for his efforts as the founding Chair person of the APSG. He is appreciated.

The Chair now closed the fourth session of the Americas Petroleum Survey Group of which some members retired to refreshments at Paddington Station.