George W. Maschke, Ph.D.

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10 September 2011

Critique and Evaluation of Polygraph Examination of Larry Sinclair

I am a veteran of US Army Intelligence with experience in interrogation, counterintelligence, and counterterrorism. I am also a co-founder of AntiPolygraph.org, a non-profit, public interest website dedicated to exposing and ending waste, fraud, and abuse associated with the use of polygraphs and other purported "lie detectors," and co-author of *The Lie Behind the Lie Detector*, a book on polygraph validity, policy, procedure, and countermeasures.

I have received a video recording of two polygraph examinations administered by Edward I. Gelb¹ to Larry Sinclair on 22 February 2008. The recording consists of two DVDs.² I am also in possession of Gelb's reports of these examinations (Attachments 1 & 2) and a review by Gordon H. Barland dated 26 February 2008 (Attachment 3). The polygraph charts and associated data have not been made available to me.

The polygraph technique used by Gelb is the probable-lie control question test (CQT). In this technique, decisions regarding the truthfulness of the examinee are made by comparing the examinee's physiological responses (breathing, palmar sweating, heart rate, and relative blood pressure) when answering "relevant" questions (about the incident under investigation, for example, "Did you shoot John?") to such responses when answering so-called "control" (or comparison) questions.

Probable-lie control questions do not directly concern the matter under investigation and are designed in such a way that most people could not provide a yes or no answer with complete confidence. The examiner attempts to convince the examinee that the control questions are as important as the relevant questions and must be answered with complete honesty. An example of a common control question is, "Did you ever lie to get out of trouble?" The polygraph examiner steers the examinee into a denial, suggesting that the person who would lie to get out of trouble

¹It should be noted that Gelb, who holds himself out as a Ph.D. in marketing his polygraph services (see http://www.polygraphexpert.com) has not earned a doctoral degree from an accredited institution of higher learning. See "Polygraph Operator 'Dr.' Edward I. Gelb Exposed as a Phony Ph.D' at:

http://antipolygraph.org/articles/article-036.shtml

²At the time of writing, these videos are also available on-line, respectively, at:

http://www.viddler.com/explore/LarrySinclair/videos/20/

http://www.viddler.com/explore/LarrySinclair/videos/21/

is the same kind of person who would commit the behavior that is the subject of the inquiry and then lie about it. But secretly, it is expected that *everyone* has lied to get out of trouble.

If the examinee's reactions to the control questions are stronger than her reactions to the relevant questions, then the examinee is deemed to have truthfully answered the relevant questions. Conversely, if the examinee's reactions to the relevant questions are stronger, deception is inferred.

This simplistic procedure has no grounding in the scientific method. There is no raging debate amongst scientists regarding the validity of polygraphy. On the contrary, there is strong consensus that polygraphy is without scientific basis and is not to be relied upon.

Perversely, CQT methodology actually has a built-in bias against the truthful because the more candidly one answers the control questions—and as a consequence feels less anxiety when answering them—the more likely one is to fail. Moreover, polygraph tests can be easily beaten by liars through the use of simple countermeasures that polygraphers have no demonstrated ability to detect.

In addition, examiner bias can influence outcomes, as was illustrated in a 1986 CBS 60 Minutes exposé on polygraphy. Three polygraph examiners were selected at random from the New York telephone directory and asked to administer polygraph examinations regarding the theft of a camera and lens to four different employees of the CBS-owned magazine, *Popular Photography*. In fact, no theft had occurred. Each polygrapher was told that a different employee was suspected as the likely culprit. In each case, the polygrapher found the person who had been fingered to be deceptive.

Gelb's examination of Sinclair consisted of two question series, each repeated three times. The first question series concerned Sinclair's allegations of a sexual encounter with Barack Obama and the second pertained to his allegations of cocaine use by Barack Obama. The questions asked during the first series, and their functions, are as follows:

Series One (Sex Allegations)

- 1. Are you now sitting down? (irrelevant)³
- 2. Do you intend to tell the truth on this test about whether you performed oral sex on Obama in 1999? (sacrifice relevant)⁴

³"Irrelevant" questions are not scored and merely serve as "buffers." For example, the first question in a series might provoke a physiological reaction solely by virtue of its being the first question. The unscored irrelevant question here serves as a "buffer" against such an eventuality.

⁴A "sacrifice relevant" question is a relevant question that is not scored.

- 3. Are you convinced I will not ask you an unreviewed question? (outside issue)⁵
- 4. Unrelated to this matter, did you ever lie for revenge or personal gain? (control)
- 5. Did you perform oral sex on Obama in 1999? (relevant)
- 6. Unrelated to this matter, did you ever try to appear truthful when you knew you were lying more than once? (control)
- 7. Are you lying when you say you performed oral sex on Obama in 1999? (relevant)
- 8. Unrelated to this matter, did you ever manufacture a false story to get out of trouble? (control)
- 9. Is there something else you are afraid I will ask you a question about, even though I told you I would not? (outside issue)

Conduct of the Examination

The conduct of the first two iterations of the first question series is largely routine. However, Gelb, having asked the first question of the third iteration, interrupts the series and makes the following admonishment (at 1:56:04 of the first DVD):

You're having a little difficulty in an area of the test, Larry. If you still have difficulty with the same area, I'll discuss it with you at the end of the test. Remember, all of the questions must have been answered a hundred percent truthfully. No room for any error. Here we go.

Such interruption of a question series is unorthodox and could have made Sinclair's failing of the series more likely, to the extent that it may have sensitized him to the relevant questions by leading him to believe that he was in danger of failing the test.

Chart Scoring

Following the conclusion of all three iterations of the first question series, Sinclair is instructed to leave the room, and Gelb scores the charts with a colleague (beginning at about 00:55 of the second DVD). Gelb's partner states the score to be "-11 overall." Gelb smiles and seems to concur. However, in his written report (Attachment 1), Gelb states that "Sinclair's polygrams resulted in an evaluation of 'deception indicated' with a score of -15 when he answered the relevant questions..." It is not clear what accounts for the discrepancy between the score documented on the video and the score indicated in Gelb's written report. Gordon Barland scored the same chart as "-17 (Deception Indicated)." (See Attachment 3.)

At 05:25 of the second DVD, with Sinclair still out of the room, Gelb opines to the videographer, who had asked whether Sinclair's reactions may have stemmed from the consequences of his

⁵An "outside issue" question is not scored. If an examinee shows a strong reaction to this kind of question, it may be inferred that the examinee is anxious about some matter not directly addressed by the relevant questions.

story being true (in essence, whether a false positive—a truthful person wrongly failing—may have occurred), "No, he's just lying to the... He just made up that situation. Bullshit."

At 05:58 of the second DVD, upon being informed by the videographer that Sinclair had filed a federal lawsuit, Gelb opines, "He's nuts!"

At 06:58 of the second DVD, Gelb states, "Now here's another scoring we didn't look at. I'm just going to see what this one says. **This one says he's truthful"** (emphasis added). Gelb included no mention of this scoring, which contradicts his (and Barland's) manual scoring, in his report. However, in a report of his polygraph examination six months earlier of former prostitute Wendy Ellis regarding an alleged sexual relationship with United States Senator David Vitter of Lousiana (see Attachment 4), Gelb cites "an algorithm developed by the Applied Physics Laboratory of Johns Hopkins University. This algorithm has been validated by the National Security Agency and is presently being utilized by the United States Department of Defense." It is perhaps to this algorithm (called "PolyScore") that Gelb refers when stating regarding Sinclair's charts, "Now here's another scoring we didn't look at.... This one says he's truthful."

Mr. Gelb is best positioned to explain why he included PolyScore data in his report of Wendy Ellis's polygraph examination but excluded it from his report of Larry Sinclair's.

American Polygraph Association Code of Ethics

The American Polygraph Association's code of ethics (Attachment 5) requires at §4.3 ("Post-Examination Notification of Results") that:

- 4.3.1 A member shall afford each examinee a reasonable opportunity to explain physiological reactions to relevant questions in the recordings. There are three exceptions:
- 4.3.1.1 When the examinee is represented by an attorney who requests that no post-examination interview be conducted, and that the results of the examination be released only to the attorney.
- 4.3.1.2 When the examination is being conducted by court order which stipulates that no post-examination interview is to be conducted.
- 4.3.1.3 Instances of operational necessity.

None of these exceptions apply in connection with Gelb's examination of Sinclair, and Gelb—a past president of the American Polygraph Association—provided Sinclair no "post-examination"

notification of results" nor did he give him any "reasonable opportunity to explain physiological reactions to relevant questions in the recordings." Instead, with Sinclair still out of the room, Gelb turned to the videographer (at 07:59 of the second DVD) and asked, "Now when are you going to give this guy the results?"

Examiner Bias

Gelb's conviction by the end of the first series that Sinclair's allegations were "bullshit" can reasonably be expected to have introduced strong examiner bias into the conduct of the second question series:

Series Two (Drug Allegations)

- 1. Are you sitting down? (irrelevant)
- 2. Do you plan to tell the truth on this test about whether Obama smoked a rock of cocaine in your presence in that limo in 1999? (sacrifice relevant)
- 3. Are you convinced I won't ask you an unreviewed question? (outside issue)
- 4. Unrelated to this matter, did you ever lie to make yourself important or for personal gain? (control)
- 5. Did Obama smoke a rock of cocaine in your presence in that limo in 1999? (relevant)
- 6. Have you ever been the kind of person that would try to manipulate someone else for personal gain? (control)
- 7. Did you lie when you said you saw Obama smoke a rock of cocaine in that limo in 1999? (relevant)
- 8. Is there something secret in your background that would damage your credibility if it were known? (control)
- 9. Is there something else you are afraid I'll ask you a question about even though I told you I would not? (outside issue)

Chart Scoring

After three repetitions of the question series, Gelb (at roughly 46:30 to 51:10 of the second DVD) appears to silently score the charts without the participation of the colleague with whom he conferred when scoring the first series. Again, Gelb does not inform Sinclair of the results or afford him any "reasonable opportunity to explain physiological reactions to relevant questions in the recordings."

Gelb reported a score of -15 (Deception Indicated) for the second series in his report (Attachment 2). Gordon Barland arrived at a score of -7 (also Deception Indicated) for the same chart series (Attachment 3). As with the first series, Gelb did not mention PolyScore's scoring of the charts in his report. However, Barland ran the PolyScore algorithm on the second series data, noting that "[i]t evaluated the charts as No Deception Indicated, and calculated the probability of

deception as being less than .01 on a scale from .00 to 1.00." That is, PolyScore found Sinclair to be truthful with regard to the drug questions, with a less than 1% probability of deception.⁶

Barland does not account for this discrepancy in his report, merely stating:

This was inconsistent with my analysis. This is a relatively uncommon occurrence. The DACA [Defense Academy for Credibility Assessment, the federal government's polygraph school, which has since been re-named the National Center for Credibility Assessment] guidelines indicate that when there is a conflict between the examiner's or reviewer's score and PolyScore, the human score takes precedence.

However, there is no a priori reason why the examiner's or reviewer's score should take precedence over the score rendered by PolyScore, which is not susceptible to human biases (such as might result from a belief that the claims made by the examinee are "bullshit" or that the examinee "is nuts").

Conclusion

While polygraphy is inherently unscientific and unreliable, irregularities associated with Edward I. Gelb's polygraph examination of Larry Sinclair render the results even more untrustworthy.

George W. Maschke, Ph.D.

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Attachments:

- 1. "Polygraph Credibility Assessment Examination of Larry Sinclair" (sex questions). Report by Edward I. Gelb
- 2. "Polygraph Credibility Assessment Examination of Larry Sinclair" (drug questions). Report by Edward I. Gelb
- 3. "Review of the polygraph examination of Larry Sinclair conducted by Ed Gelb on February 22, 2008." Report by Gordon H. Barland
- 4. "Polygraph Credibility Assessment Examination of Wendy Ellis." Report by Edward I. Gelb.

⁶Barland did not run PolyScore on the first question series (the sex questions), because Gelb did not provide him with the original data for that series.

5."By-Laws, American Polygraph Association"

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Polygraph Credibility Assessment Examination of Larry Sinclair

Larry Sinclair came to our offices on February 22, 2008 to undergo a polygraph credibility assessment (PCA) examination. The issue under consideration dealt with Sinclair's representation that he had performed oral sex on Barack Obama in 1999.

During an extensive pretest interview, Sinclair emphatically asserted that the sex act took place in a limousine rented by him in the Chicago area.

THE EXAMINATION

The examination was conducted with a computerized Axciton polygraph calibrated to factory specifications. Sinclair was examined in accord with the Bi-Spot zone comparison technique taught at the Department of Defense Polygraph Institute. The relevant questions asked during the collection of the polygrams appear below with Sinclair's answers. All appropriate release forms were executed before the examination.

Sinclair PCA February 22, 2008 Page Two

QUESTIONS

1. (#33) "Did you perform oral sex on Obama in 1999?"

Answer:

YES

2. (#35) "Are you lying when you say you performed oral sex on Obama in 1999?"

Answer:

NO

The resultant polygrams were hand scored as required by the government in a PCA examination.

The government's data analysis rules used to evaluate a Bi-Spot zone comparison examination are as follows:

Evaluation of Bi-Spot:

- 1. To render a conclusion of deception (DI) there must be:
 - A. A minus 3 or less in any spot (question 33 or 35).
 - B. Or a grand total of minus 4 for both spots (33 and 35).
- 2. To render a conclusion of truthfulness (NDI), there must be:
 - A. A plus in every spot (question 33 and question 35).
 - B. And a grand total of plus 4 or greater overall.
- 3. An Analysis between DI and NDI is "no opinion" and requires additional testing.

Sinclair's polygrams resulted in an evaluation of "deception indication" with a score of -15 when he answered the relevant questions as above. The examination indicated that Sinclair was practicing deception when he answered the relevant questions.

The polygrams were "blind scored" by another expert examiner who independently corroborated the findings of the primary examiner.

Edward I. Gelb

PCA Examiner

Past President, American Polygraph Association

Edwar J. Aelb

CPE (Certified Polygraph Examiner)

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Polygraph Credibility Assessment Examination of Larry Sinclair

Larry Sinclair came to our offices on February 22, 2008 to undergo a polygraph credibility assessment (PCA) examination. The issue under consideration dealt with whether Barack Obama smoked a rock of Cocaine in Sinclair's presence in a limousine in 1999.

During an extensive pretest interview, Sinclair stated he snorted Cocaine that Obama obtained for him while Obama smoked rocks of Cocaine in the back of the limo.

THE EXAMINATION

The examination was conducted with a computerized Axciton polygraph calibrated to factory specifications. Sinclair was examined in accord with the Bi-Spot zone comparison technique taught at the Department of Defense Polygraph Institute. The relevant questions asked during the collection of the polygrams appear below with Sinclair's answers. All appropriate release forms were executed before the examination.

Sinclair PCA February 22, 2008 Page Two

QUESTIONS

1. "#33" "Did Obama smoke a rock of Cocaine in your presence in that limo in 1999?

Answer:

YES

2. "#35" "Did you lie when you said you saw Obama smoke a rock of Cocaine in that limo in 1999?"

Answer:

NO

The resultant polygrams were hand scored as required by the government in a PCA examination.

The government's data analysis rules used to evaluate a Bi-Spot zone comparison examination are as follows:

Evaluation of Bi-Spot:

- 1. To render a conclusion of deception (DI) there must be:
 - A. A minus 3 or less in any spot (question 33 or 35).
 - B. Or a grand total of minus 4 for both spots (33 and 35).
- 2. To render a conclusion of truthfulness (NDI), there must be:
 - A. A plus in every spot (question 33 and question 35).
 - B. And a grand total of plus 4 or greater overall.
- 3. An Analysis between DI and NDI is "no opinion" and requires additional testing.

Sinclair's polygrams resulted in an evaluation of "deception indication" with a score of - 7 when he answered the relevant questions as above. The examination indicated that Sinclair was practicing deception when he answered the relevant questions.

The polygrams were "blind scored" by another expert examiner who independently corroborated the findings of the primary examiner.

Edward I. Gelb

CPE (Certified Polygraph Examiner)

PCA Examiner

Past President, American Polygraph Association



Attachment 3

GORDON H. BARLAND, PH.D. FORENSIC PSYCHOPHYSIOLOGIST 2162 EAST 6595 SOUTH SALT LAKE CITY, UT 84121-2661

TELEPHONE: 801.943.3360

E-MAIL:BARLAND@HUGHES.NET

February 26, 2008

Ed Gelb Intercept, Inc. 4201 Wilshire Blvd., Suite 312 Los Angeles, CA 90010

Re: Larry Sinclair

Subject: Review of the polygraph examination of Larry Sinclair conducted by Ed Gelb on February 22, 2008.

Background:

During the current presidential campaign Larry Sinclair claimed that in 1999 he performed oral sex on Senator Barack Obama and that he saw Senator Obama smoke crack cocaine while in the back seat of a limousine Mr. Sinclair had rented. Dan Parisi (www.WhiteHouse.com) challenged Mr. Sinclair to take a polygraph test regarding his allegations. Mr. Parisi offered to pay Mr. Sinclair \$ 10,000 to take the test, plus an additional \$ 90,000 if he was found truthful. Mr. Sinclair accepted the offer and Ed Gelb was selected as the examiner.

Materials reviewed:

- 1. Printout of two series of three charts each of an examination conducted on Larry Sinclair by Ed Gelb, dated February 22, 2008.
- 2. A digital copy of the numbers test administered prior to the first series.
- 3. A digital copy of the three charts of the second test series regarding cocaine.
- 4. Two question lists of the above charts.
- 5. A DVD containing the audio/video recording of the pretest interview and the initial test series regarding oral sex. I was not provided a DVD of the second series regarding cocaine.
- 6. PDF copies of the consent form signed by Larry Sinclair, the examinee data sheet, and Ed Gelb's two reports dated February 22, 2008.

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Scope:

This review is conducted in accordance with ASTM standard E 2031-99 (reapproved 2004), entitled Standard Practice for Quality Control of Psychophysiological Detection of Deception (Polygraph) Examinations, in conjunction with related ASTM standards for the conduct of polygraph examinations and the standards of practice of the American Polygraph Association.

I reviewed the examination procedure, test format, question formulation and presentation, and the polygraph charts.

Observations:

- 1. The examination room was larger than average, and contained desks and materials irrelevant to the examination. However, during data collection, Mr. Sinclair was facing a blank wall with his back to the remainder of the room. There is no reason to believe that the surroundings interfered with the examination.
- 2. There were two video cameras on tripods present in the room, but they were unattended during most of the pretest and all of the data collection on the first series, and except as noted in items 4 and 5 below, Mr. Sinclair did not appear to be distracted by them. His attention was clearly focused on the examination procedure.
- 3. The pretest interview was professionally conducted. Mr. Sinclair has a complex background history, but I concur that there appeared to be nothing which would require terminating the examination. Mr. Gelb developed good rapport and allowed full discussion of the relevant issues and related matters.
- 4. Midway through the pretest interview a technician entered the room to replace the recording media in the two video cameras. A few minutes later a secretary entered to bring soft drinks that Mr. Sinclair had requested when the technician entered.
- 5. There was a bathroom break after the pretest interview, during which Dan Parisi and his video technician entered to reposition the cameras. They were still working on that when Mr. Sinclair returned and sat in the polygraph chair. It took an additional eight minutes before they completed the task, during which the examination was on hold. At one point, Mr. Parisi started asking Mr. Sinclair some questions about the matter under investigation, but Mr. Gelb cut him off. Mr. Parisi and his technician exited the room shortly thereafter, and the examination resumed.

- 6. Mr. Gelb conducted a numbers test, in which Mr. Sinclair was instructed to lie about which number he had written on a piece of paper. This serves several functions, one of which is to accustom the examinee to the polygraph attachments and procedure.
- 7. Following the numbers test, Mr. Gelb ran a Backster you-phase zone comparison test regarding the allegation of oral sex. This test is considered to be an excellent test for single issue exams such as those used on Mr. Sinclair.
- 8. During the examination, the GSR electrodes were attached to the same arm that the blood pressure cuff was on. This is unusual. When I asked about it, Mr. Gelb explained that when he attended polygraph school, Cleve Backster taught him to do that so that the examinee had an arm free to scratch, if necessary. I'm not aware of any research comparing the effectiveness of the electrodermal channel as a function of whether it is distal to or contralateral to the blood pressure cuff, however, most polygraph examiners put the electrodes on the arm opposite the blood pressure cuff.
- 9. All test questions, on both test series, appeared to be well formulated.
- 10. The technical quality of the charts was generally good, although one of the charts the amplitude of the electrodermal channel was substandard when the chart was printed out. I requested, and received, the original digital data from the second series. This allowed me to optimize the recordings for analysis. My findings are based on my analysis of both the digital data and hard copy of the charts.
- 11. I did not receive the DVD of the second test series, so my review of that is limited to the chart analysis. I cannot comment on the discussion at the outset of or during the second series.

Findings:

- 1. Except for the two disruptions by Mr. Parisi (who requested the examination) and his technician, I found the examination to be professionally conducted and in compliance with applicable ASTM and APA standards.
- 2. The two disruptions caused by the requestors' video-recording could have been avoided by better planning. It appeared that the cameras could store only one hour of imaging per cassette. The cameras should have been selected to have sufficient recording capacity to last the length of the entire exam. Mr. Gelb's video of the first series, provided to me on a DVD, was continuous, lasting 2 hours 5 minutes without interruption.

Barland: QC review of Larry Sinclair polygraph

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- 3. When Mr. Sinclair returned from the break after the pretest interview and before the cameras had been fully repositioned, his presence in the room allowed the opportunity for Mr. Parisi to ask questions. There should have been a clearer understanding that there must be no outside interference with the examination process. Mr. Gelb acted professionally in quickly terminating that, but in hind sight it would have been better to avoid the situation altogether. That could have been done either by having the cameras better positioned prior to the examination (for example, having an additional camera positioned to view the polygraph chair), or for Mr. Sinclair to have been seated in the waiting room until Mr. Gelb could resume the examination.
- 4. I found no significant indicators of mid- or high-level countermeasures in the charts which would preclude scoring the charts in the standard manner. Mr. Sinclair's respiration was very slow, which is often associated low-level countermeasures, but truthful subjects sometimes breathe slowly in an effort to avoid reacting on the test. Although Mr. Sinclair's paced breathing may have degraded the effectiveness of that channel to some degree, it was not so extreme as to require the examiner to take action, nor did it prevent chart interpretation.
- 5. I scored the printout of the first series of charts (regarding oral sex) using the Federal 7 position scale and the 2007 DACA reaction criteria. There were strong and consistent reactions to the relevant questions. I scored the charts as -17 (Deception Indicated). I was unable to score the charts using a computer algorithm, as I do not have the digital data for the first series.
- 6. I scored the printout of the second series of charts (regarding cocaine), but was not satisfied with the quality of the electrodermal channel on one of the charts. When I received the digital data and optimized the channel, I used the Federal 7 position scale and the 2007 DACA reaction criteria to evaluate the charts. I scored the charts as -7 (Deception Indicated). I also evaluated the second series using the computer algorithm PolyScore (v. 6.0). It evaluated the charts as No Deception Indicated, and calculated the probability of deception as being less than .01 on a scale from .00 to 1.00. This was inconsistent with my numerical analysis. This is a relatively uncommon occurrence. The DACA guidelines indicate that when there is conflict between the examiner's or reviewer's score and PolyScore, the human score takes precedence. The computer algorithms are considered to be useful supplements, but they are not definitive. I therefore concur with Mr. Gelb's conclusions that Mr. Sinclair showed indications of deception on both test issues.

Barland: QC review of Larry Sinclair polygraph

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Conclusion

Although no examination is perfectly conducted, I believe that the irregularities in this examination would be more likely to create an inconclusive result than an erroneous one. However, these charts are not inconclusive. Based upon my review of this examination, I concur in Mr. Gelb's finding that Mr. Sinclair was not telling the complete truth in his claims to have engaged in oral sex with Senator Obama and that Senator Obama used cocaine in his presence.

Respectfully submitted

Gordon H. Barland

Gordon H. Barland, Ph.D.

Polygraph Credibility Assessment Examination of Wendy Ellis

Wendy Ellis came to our offices on August 22, 2007 to undergo a polygraph credibility assessment (PCA) examination. The issue under consideration dealt with Wendy's honesty in her representation that she had a sexual relationship with David Vitter through the New Orleans Escort Service. Wendy stated that the sexual relationship went on for about 4-months. The name Wendy used while working through the escort service was "Leah."

THE EXAMINATION

The examination was conducted with a computerized Axciton polygraph calibrated to factory specifications. Ellis was examined in accord with a zone comparison technique validated in a study for the United States Government. The relevant questions asked during the collection of the polygrams appear below with Ellis's answers. All appropriate release forms were executed before the examination.

QUESTIONS

1. "Did you have a sexual relationship with David Vitter through New Orleans Escort Service

Answer: YES

2. "Did you have a sexual relationship with David Vitter for at least 4-months through New Orleans Escort Service?"

Answer: YES

The resultant polygrams were traditionally (manually) scored and then scored by computer using an algorithm developed by the Applied Physics Laboratory of Johns Hopkins University. This algorithm has been validated by the National Security Agency and is presently being utilized by the United States Department of Defense. The results of this scoring are included in this report. The scoring indicates that the examination was "NDI" (no deception indicated) with a probability of deception of less than .01, when Ellis answered the relevant questions as indicated above.

The results of the computerized examination indicate that Wendy Ellis was telling the truth when she answered the relevant questions.

During the post test interview, Ellis was advised of the results of the examination.

Edward I. Gelb, C.P.E.

1. All

PCA Examiner

EIG/em

PolyScore® for Windows Version 5.5

No Deception Indicated— Probability of Deception is Less Than .01

Zone/MGQT Zone/MGQT

Charts Used

\$\$\$\$C6PY Chart 1-- LFP1 2007/08/22 11:40 WENDY GELB LFP QIG=89 QIC=97 Rates: Resp=

16 Pulse= 72 EDA= 3.7

\$\$\$\$C6PY Chart 2-- LFP1 2007/08/22 11:46 WENDY GELB LFP QIG=61 QIC=97 Rates: Resp=

16 Pulse= 70 EDA= 3.8

\$\$\$\$C6PY Chart 3-- LFP1 2007/08/22 11:51 WENDY GELB LFP QIG= 58 QIC= 98 Rates: Resp=

17 Pulse= 74 EDA= 1.8

Spot/Vertical Scores

0.17 R35 DID YOU HAVE A SEXUAL RELATIONSHIP WITH DAVID VITTER FOR

AT LEAST 4 MONTHS THROUGH NEW ORLEANS ESCORT SERVICE?

0.05 R33 DID YOU HAVE A SEXUAL RELATIONSHIP WITH DAVID VITTER

THROUGH NEW ORLEANS ESCORT SERVICE?

Approximate Signal Weights

Electrodermal +0.59
Respiration +0.22
Blood Volume +0.19
Pulse -0.01

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August 22, 2007

8-PANEL DRUG SCREEN

The following individual was drug screened and was found to have the following result:

SUBJECTIDENTIFIERRESULTSEllis, Wendy02/08/1973NEGATIVE

EDWARD I. GELB, CPE

Polygraph Credibility Assessment Examiner

SUMMARY OF QUALIFICATIONS AND PROFESSIONAL EXPERIENCE

Edward Gelb has been conducting polygraph examinations since 1968. He was formally trained in the polygraph technique at the Backster School of Lie Detection. He has conducted in excess of 30,000 polygraph examinations in his career and has testified as an expert in front of courts and legislative offices throughout the country. He has conducted specific criminal incident examinations for Fortune 500 companies, criminal defense attorneys, prosecutors and governmental agencies. He was appointed by the Los Angeles Superior Court to administer 400 polygraph examinations to effect settlement of a class action suit. He has polygraphed for the Federal Public Defender's office and the Los Angeles County District Attorney's office. Gelb has been certified by examination to conduct post conviction clinical polygraph examinations of sex offenders. He presently conducts examinations for hundreds of attorneys as well as nine police agencies. He is called upon to conduct quality control reviews of both law enforcement and private sector polygraph examinations. He was a detective and lieutenant with the Los Angeles Police Department where he was awarded the Medal of Valor.

Gelb has been sought out to conduct some of the highest profile cases in the United States and abroad due to his experience, knowledge and reputation for accuracy.

Gelb's teaching credentials include, programs at U.S.C., Delta College, and the Polytechnic Institute in Madrid, Spain. He was appointed an adjunct faculty member of the Department of Defense Polygraph Institute. He has conducted research in lie detection under the auspices of the United States Government. He is a regular guest lecturer for the UCLA Forensic Fellowship Program – Department of Psychology – UCLA School of Medicine.

Gelb lectures on an on-going basis at continuing education seminars throughout the United States, Europe and South America. He taught polygraph at a school fully accredited by the American Polygraph Association and taught "Detection of Deception" under the auspices of the American Society for Industrial Security. Gelb was a guest instructor at the Federal Bureau of Investigation's advanced polygraph course.

Gelb served as President, Executive Director, and Chairman of the Board of the American Polygraph Association. He is an Honorary Fellow of the Academy of Certified Polygraphists. He has held General Polygraph Licenses from the states of California, Oregon, Utah, and Arizona. He is a member of the California Association of Polygraph Examiners, Northwest Polygraph Examiner's Association, Ohio Association of Polygraph Examiners, and the American Society For Industrial Security. He holds life membership in the American Polygraph Association and was the first person honored as the Polygraphist of the Year by the Academy of Certified Polygraphists. Gelb is a Fellow of the American College of Forensic Examiners. He is the recipient of many prestigious awards, including the Leonarde Keeler award from the American Polygraph Association and the Robert E. Henson award from the California Association of Polygraph Examiners.

Gelb was selected by Columbia Pictures television to represent the polygraph profession in a nationally syndicated television program during which 461 cases were examined by polygraph without a single identified error. Gelb conducted polygraph examinations on issues of national interest for Madrid, Spain's Channel 5 Television station, Telecinco for two years. He was also the expert polygraphist for the Fox television show, "Lie Detector."

Gelb is a registered Immigration Credibility Assessment Examiner.

Attachment 5 **BY-LAWS** 2 AMERICAN POLYGRAPH ASSOCIATION 3 4 (Updated through March 12, 2011) 5 6 7 Division I: Name. 8 1. 9 This document shall be known as the By-Laws of the American Polygraph 10 1.1 Association. 11 12 Division II: General provisions. 13 2. 14 No action or proceeding commenced before these By-Laws take effect, and 15 2.1 no right accrued, is affected by the provisions of these By-Laws, but all provisions 16 thereafter taken herein shall conform to the provisions of these By-Laws. 17 18 Division III: APA Standards of Practice 19 3. 20 21 Statement of Purpose 3.1 A polygraph examination, properly administered by a well trained and competent 22 polygraph examiner using a valid testing and analysis protocol is the most 23 accurate means known to science for determining whether a person has been 24 truthful. To promote the highest degree of accuracy, the APA establishes for its 25 membership the following Standards of Practice. Moreover, all examinations are 26 required to be conducted in compliance with governing local, state, and federal 27 regulations and laws. 28 29 **Definitions** 30 3.2 31 3.2.1 Evidentiary Examination: A polygraph examination, the written and stated 32 purpose for which, agreed to by the parties involved, is to provide the diagnostic 33 opinion of the examiner as evidence in a pending judicial proceeding. This is not 34 intended to prevent admission as evidence of a confession obtained during the 35 examination. 36 37 3.2.2 Paired-testing: Polygraph examinations conducted in tandem on two or 38 more individuals regarding a single central contested fact to which all examinees 39 must know the truth thereof. Paired-testing is used by voluntary stipulation 40 between the testifying parties to resolve disputed facts. Paired-testing must be 41 conducted under the same standards as an evidentiary examination. 42 43 3.2.3 Investigative Examination: A polygraph examination for which the 44 examination is intended to supplement and assist an investigation and for which 45 the examiner has not been informed and does not reasonably believe that the 46 results of the examination will be tendered for admission as evidence in a court of 47 record. Types of investigative examinations can include applicant testing, 48 counterintelligence screening, and post-conviction sex offender testing, as well as 49

routine multiple-issue or multiple-facet criminal testing. Investigative

examinations are required to be conducted with a testing and analysis technique that has been validated through published and replicated research.

3.2.4 Effective January 1, 2012 (previous passage deleted January 1, 2012)
 Validated Testing Technique: A polygraph technique for which exists a body of published and replicated studies demonstrating an average accuracy of :

3.2.4.1 90% or greater for evidentiary examinations, excluding inconclusive results, which cannot exceed 20%.

3.2.4.2 86% or greater for paired-testing examinations, excluding inconclusive results, which cannot exceed 20%.

3.2.4.3 80% or greater for investigative examinations, excluding inconclusive results, which cannot exceed 20%.

3.2.5 Specific Issue Polygraph Examination: A single-issue examination, generally administered in conjunction with an investigation.

3.2.6 Standards of Practice: The generally accepted principles for the best/most appropriate way to conduct a polygraph examination are required to be observed and followed in conducting, analyzing, documenting, and reporting polygraph examinations. Standards are mandatory and may be accompanied by enforcement sanctions.

3.2.7 Guidelines: Recommended practices for the conduct, analysis, documentation and reporting of polygraph examinations. They differ from standards in that standards are mandatory whereas guidelines convey better practices. Within the standards of practice, guidelines are explicitly set forth as recommendations.

3.3 Polygraph Examiner

3.3.1 A polygraph examiner is required to meet the training and educational requirements of his or her category of membership as set forth in the Division V of the By-Laws.

3.3.2 Evidentiary examinations shall be conducted only by a Full or Associate member.

3.3.3 Polygraph examinations of sex offenders as a condition of treatment, probation or parole are required to be conducted by members who have completed specialized training consistent with guidelines found in section 3.11.

3.3.4 A polygraph examiner shall, where applicable, comply with all state continuing education requirements. Practicing examiners shall complete a minimum of 30 continuing education hours every two years in coursework related to the field of polygraphy. A practicing examiner shall be defined as any member who has conducted polygraph training, quality assurance, or

examinations in the previous two years. Examiners are responsible for maintaining records to document that they have met the continuing education requirement.

3.3.5 Examiners are required to accurately represent their category of APA membership, their academic credentials, their licensure, and their certification status.

3.3.6 Polygraph examiners conducting PCSOT tests shall have at least half of their required 30 continuing education hours specific to issues dealing with the testing, treatment or supervision of sex offenders.

3.4 Polygraph Examinee

3.4.1 The examiner is required to make reasonable efforts to determine that the examinee is a fit subject for testing. Basic inquires into the medical and psychological condition of the examinee as well as any recent drug use must be made where allowed by law. Mental, physical or medical conditions of the examinee that should be observable to, or that should be reasonably known by the examiner, are required to be considered in conducting and evaluating the examination.

3.4.2 During the pretest interview, where allowed by law, the examiner is required to specifically inquire of the person to be examined whether or not he or she is currently receiving or has in the past received medical, psychological or psychiatric treatment or consultation.

3.4.3 If an examiner has a reasonable doubt concerning the ability of an examinee to safely undergo an examination, a release from the examinee and his or her physician is required.

3.5 Instrumentation and Recording

3.5.1 Polygraph examinations are required to be conducted with instrumentation that records with, at a minimum, the following channels or components:

3.5.1.1 Respiration patterns recorded by pneumograph components. Thoracic and abdominal patterns are required to be recorded separately, using two pneumograph components.

3.5.1.2 Electrodermal activity reflecting relative changes in the conductance or resistance of current by the epidermal tissue.

3.5.1.3 Cardiograph to record relative changes in pulse rate, pulse amplitude, and relative blood pressure.

48 3.5.1.4 A motion sensor is required for all evidentiary examinations and will 49 become mandatory as of January 1, 2012. This technology is recommended for investigative examinations. Effective January 1, 2012, this section is replaced as follows (previous passage deleted January 1, 2012): A motion sensor is required for all examinations.

3.5.1.5 Other physiological data may also be recorded during testing, but may not be used to formulate decisions of truthfulness or deception unless validated in replicated and published research.

3.5.2 Physiological recordings during each test are required to be continuous, and are required to be of sufficient amplitude to be easily readable by the examiner and any reviewing examiner. Pneumograph and cardiograph tracings between one-half inch and one inch in amplitude, at the time of data collection, will be considered of sufficient size to be easily readable.

3.5.3 The polygraph instrument is required to be given a functionality or calibration test consistent with manufacturer recommendations and in compliance with state and federal law. Effective January 1, 2012, in the absence of manufacturer's recommendations, examiners should semi-annually record a chart demonstrating correct functioning of the instrument. A functionality or calibration test is required to be administered prior to all evidentiary examinations. These tests, where applicable, are required to be maintained by the examiner for not less than one year.

3.6 Test Location and Conditions

3.6.1 Conditions under which testing occurs are required to be free from distractions that would interfere with the ability of the examinee to appropriately focus during the examination process.

3.6.2 Examiners conducting polygraph examinations for public viewing are prohibited from rendering opinions regarding the truthfulness of the examinees on the basis of that examination. It is recommended examiners attempt to ensure that reenactments of polygraph examinations are clearly conveyed as such to viewers. Should the examiner determine that the reenactment will not or has not been clearly conveyed as a reenactment; the examiner is required to immediately notify the Manager of the APA National Office.

3.7 Preparation

3.7.1 Prior to an examination, the examiner is required to dedicate sufficient time to identify the issues and any potential problem (s) in any area of testing.

3.8 Pretest Practices

3.8.1 The examiner is required to obtain information sufficient to identify the examinee.

3.8.2 The examiner is required to obtain the consent of the examinee prior to testing. It is recommended the consent of the examinee be obtained after there is

a reasonable understanding of the polygraph process, including the duration, the issues to be covered, and the instrumentation to be used.

3.8.3 Sufficient time is required to be spent during the pretest interview to ensure that the examinee has a reasonable understanding of the polygraph process and the requirements for cooperation.

3.8.4 Sufficient time is required to be spent to discuss the issues to be tested and to allow the examinee to fully explain his or her answers.

3.8.5 Sufficient time is required to be spent to ensure the examinee recognizes and understands each question. Attempts by the examinee to rationalize should be neutralized by a pretest discussion in which the examinee demonstrates he or she understands the test questions to have the same meaning as does the examiner. Questions are required to be asked in a form that would prevent a reasonable person, facing a significant issue, from successfully engaging in a rationalization process.

3.8.6 The examiner is required not to display or express bias in any manner regarding the truthfulness of the examinee prior to the completion of testing.

3.9 Testing

3.9.1 A member polygraph examiner is required to use a validated testing technique. Examinations are not permitted to materially deviate from the protocols of a validated testing technique. Where examinations deviate from the protocols of a validated testing technique it is recommended the deviations be noted and justified in writing from question onset.

3.9.2 A stimulation test or acquaintance test is required for all evidentiary and initial PCSOT examinations. A stimulation or acquaintance test is recommended for all initial examinations for any specific issue or investigative examination.

3.9.3 For the resolution of specific issues, a validated testing technique must be used.

3.9.4 Questions are required to be asked with clarity and distinctiveness.

3.9.5 Questions are required to be balanced in terms of length and impact for each category of questions utilized. Questions used in the assessment of truth and deception are required to be followed by time intervals of not less the 20 seconds from question onset to question onset. When approved validated research supports the use of another time interval, that time interval will be acceptable.

3.9.6 Examiners are required to collect a sufficient number of charts so as to acquire sufficient data for proper evaluation, in conformance with a validated testing technique.

3.9.7 Nothing in these standards is intended to prevent the use of new or not 1 validated testing techniques for purposes of research. 2 3 3.9.8 Standardized chart markings, recognized and utilized within the polygraph 4 profession shall be employed. 5 6 3.9.9 An audio/video recording of the pretest and in-test phases is required to 7 8 be made and maintained as part of the examination file for as long as required by regulation or law, but for a minimum of one year for all evidentiary and paired-9 testing examinations. Audio/video recording is recommended for PCSOT 10 examinations. 11 12 3.9.10 A member polygraph examiner is prohibited from conducting more than 13 four investigative or three evidentiary examinations in one day, and no more than 14 five examinations of any type in one day. On rare occasion, exigent 15 circumstances may warrant a waiver of this requirement. 16 17 18 3.10 Scoring 19 3.10.1 Examiners conclusions and opinions are required to be based on 20 quantitative or numerical scoring for all evidentiary examinations and for all 21 22 specific issue investigative examinations. The scoring method and decision rules shall have been validated through published and replicated research 23 demonstrating that they are valid and reliable, and appropriate for the type of 24 25 examination. 26 27 3.10.2 Examiner notes of the test evaluation are required to have sufficient clarity and precision so that another examiner could read them. 28 29 30 3.10.3 Examiners are prohibited from disclosing the results of the examination 31 until the analysis has been completed. 32 33 3.10.4 Examiners are required to maintain the confidentiality of their work conducted under privilege until a release by the client is obtained. 34 35 3.10.5 An examiner subject to a quality control evaluation of a case is required to 36 fully disclose all relevant information regarding the case under review. Any 37 doubts as to relevancy are required to be resolved through disclosure. 38 39 3.10.6 Examiners conducting polygraph examinations should annually submit to 40 41 a quality control review of their work product. The submitted examination should be recorded in its entirety unless precluded by law or government policy. 42 or it should be witnessed in its entirety by the reviewing examiner. 43

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3.11 Standards for Post-Conviction Sex Offender Testing (PCSOT)

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3.11.1 PCSOT examiners are required to satisfy the provisions set forth in the Standards of Practice for investigative examinations as well as the following mandatory standard:

- 3.11.2 Minimum Training: A minimum of 40 hours of specialized instruction
- through PCSOT training approved by the APA, beyond the basic polygraph
- training course requirements. In the event an examiner attends and successfully
- 4 completes the advanced training prior to completing 200 polygraph
- 5 examinations, the examiner must participate in an internship program consisting
- of at least 10 PCSOT examinations, under the supervision of a recognized PCSOT
- 7 examiner, and upon successful completion of that testing, will receive an APA
- 8 certificate reflecting satisfactory completion of training requirements, thus being
- onsidered to possess the requisite knowledge to conduct polygraph testing in
- conjunction with sex offender treatment and monitoring programs.

- 3.11.3 Written Examination: Passing a final written examination, approved by the APA or its designated representative is required prior to receiving a certification for the training. The written examinations are required to be properly controlled and protected to prevent exposure of the test questions or
- answers to any unauthorized persons.

 3.11.4 Maintaining of Written Examinations: The instructors of the approved course are required to maintain a copy of the final written examination. Upon completion of the 40-hour PCSOT course instructors are required to administer the examination to those students who qualify for the final examination. Upon completion of the examination the instructors are required to submit the tests to the APA National Office for scoring verifications.

3.11.5 Recording Requirements: All PCSOT polygraph examinations submitted for quality control are required to be audio/visually recorded in their entirety. When required for quality control purposes these recordings will be made available. All recorded physiological data is required to be retained as part of the examination file as long as required by regulation or law, but for a minimum of one year.

3.11.6 Conflict of Interest: PCSOT examiners who are therapists/treatment providers shall not conduct polygraph examinations on an individual that they directly or indirectly treat or supervise.

3.11.7 PCSOT examiners who are probation or parole officers shall not conduct a polygraph examination on any individual that they directly or indirectly supervise.

4. Division IV: Code of Ethics **(01/10/99)**

4.1 Rights of Examinees.

4.1.1 A member shall respect the rights and dignity of all persons to whom they administer polygraph examinations.

4.2 Standards for Rendering Polygraph Decisions.

4.2.1 A member shall not render a conclusive diagnosis when the physiological records lack sufficient quality and clarity. This may include, but is not limited to, excessively distorted recordings possibly due to manipulations by the examinee, recordings with insufficient responsivity, or recordings with tracing amplitudes less than that generally accepted by the profession.

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4.3 Post-Examination Notification of Results.

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4.3.1 A member shall afford each examinee a reasonable opportunity to explain physiological reactions to relevant questions in the recordings. There are three exceptions:

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13 4.3.1.1 When the examinee is represented by an attorney who requests that no 14 post-examination interview be conducted, and that the results of the examination 15 be released only to the attorney.

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4.3.1.2 When the examination is being conducted by court order which stipulates that no post-examination interview is to be conducted.

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20 4.3.1.3 Instances of operational necessity.

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4.4 Restrictions on Rendering Opinions.

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4.4.1 A member shall not provide any report or opinion regarding the medical or psychological condition of the examinee for which the member is not professionally qualified to make. This shall not preclude the examiner from describing the appearance or behavior of the examinee. Polygraph outcome decisions shall be restricted to only those based on polygraph data.

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4.5 Restrictions on Examinations.

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4.5.1 A member shall not conduct a polygraph examination when there is reason to believe the examination is intended to circumvent or defy the law.

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4.6 Fees.

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4.6.1 A member shall not solicit or accept fees, gratuities, or gifts that are intended to influence his or her opinion, decision, or report. No member shall set any fee for polygraph services which is contingent upon the findings or results of such services, nor shall any member change his or her fee as a direct result of his or her opinion or decision subsequent to a polygraph examination.

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4.7 Standards of Reporting.

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4.7.1 A member shall not knowingly submit, or permit employees to submit, a misleading or false polygraph examination report. Each polygraph report shall be a factual, impartial, and objective account of information developed during the examination, and the examiner's professional conclusion based on analysis of the polygraph data. 4.7.2 A member shall maintain for a period of at least one year, all polygraph data and documentation related to the conduct of a polygraph examination.

4.8 Advertisements.

4.8.1 A member shall not knowingly make, publish, or cause to be published any false or misleading statements or advertisements relating to the Association or the polygraph profession. No member shall make any false representation as to category of membership in the Association. All advertisements making reference to membership in the Association shall also list the category of membership.

4.9 Release of Non-relevant Information.

4.9.1 A member shall not disclose to any person any irrelevant personal information gained during the course of a polygraph examination which has no connection to the relevant issue, and which may embarrass or tend to embarrass the examinee, except where such disclosure is required by law.

4.10 Restrictions on Examination Issues.

4.10.1 A member shall not include in any polygraph examination, questions intended to inquire into or develop information on activities, affiliation, or beliefs on religion, politics, or race except where there is relevancy to a specific investigation.

4.11 APA Oversight Authority.

4.11.1 A member who administers or attempts to administer any polygraph examination in violation of the Code of Ethics or the Standards of Practice may be subject to investigation, censure, suspension or expulsion from the Association, as provided by Article IV of the APA Constitution.

5. Division V: Membership

35 5.1 Full Member.36

5.1.1 Full members of this Association are those persons who have:

5.1.1.1 Graduated from an APA Accredited School.

5.1.1.2 Completed not less than two hundred (200) actual polygraph examinations using a standardized polygraph technique as taught at an APA Accredited School and hold a current and valid license to practice polygraphy issued by a state or Federal agency requiring such license.

5.1.1.3 Received a Baccalaureate Degree from a college or university accredited by a regional accreditation board.

1	5.1.1.4	Full Members shall:
2 3 4	5.1.1.4.1	Have the right to vote in all matters before the General Membership.
5	5.1.1.4.2	Be eligible to hold any elective office in the Association.
6 7 8 9	the Chair	Be eligible to hold any appointed position in the Association or serve as of any standing or Ad Hoc Committee, as well as serve as the Chair of committee.
10 11 12	5.1.1.4.4 Association	Shall be permitted to cast votes in any election conducted by the on.
13 14	5.1.1.4.5	Shall meet all financial obligations to the Association.
15 16 17	5.2 As	sociate Member.
17 18 19	5.2.1	Associate Members of this Association are:
20 21 22 23	_	Persons who are practicing polygraph examiners and who are s of an APA Accredited Polygraph school, but do not meet the ents as Full Member; or,
24 25 26		Are graduates of any basic polygraph school of at least six weeks in us, full time duration which was in existence on or before 1 August 2001, racticing polygraph examiners; and,
27 28	5.2.1.2.1	Have attended an APA sponsored seminar; and,
29 30 31 32	5.2.1.2.2 and,	Have successfully passed an APA administered written examination;
33 34 35 36 37 38 39	charts an examinat level of te deems it represent by the app	Have presented the work product (pretest worksheet, question list, d report) from a minimum of ten (10) completed polygraph ions to the Membership Committee to confirm whether an acceptable echnical competence has been achieved. If the Membership Committee necessary, any person applying for membership agrees to allow a rative of the Membership Committee to observe a live test administered plicant. Any such observation shall be conducted in accordance with aws and regulations applicable to that examiner.
41 42 43	5.2.2 status, pr	Associate members shall be eligible to be upgraded to Full Member ovided that the following conditions have been satisfied:
14 45 46 47 48 49	procedure both acad	They have satisfactorily completed a qualifying examination attesting nowledge of and competence in the administration of polygraph es. This examination shall consist of an oral and written assessment of lemic and practical knowledge of polygraph detection of deception es and shall be administered by the APA Membership Committee.

1 2	5.2.2.2	They have been Associate members for not less than 36 months.
3		Within the 36 months preceding upgrading, they have successfully ed either:
5	complete	de cities.
6 7 8	related to	A minimum of 108 hours of continuing education in topics directly o polygraph testing, including at least one APA annual seminar, during sociate membership; or,
9 10 11		They have completed an APA approved refresher course administered graph training school accredited by the APA.
12 13 14	5.2.2.4 consider	They are in attendance at an APA annual seminar at the time of ation of their request for upgrading to Full Member.
15 16 17	5.2.2.5 polygrap	They submit proof of having completed not less than 200 satisfactory h examinations.
18 19 20 21		They hold a current and valid license as a polygraph examiner in the other similar governmental jurisdiction of their practice, if at the time of on such license is required by law.
22 23 24	5.2.2.7	They have satisfied all financial obligations to the APA.
25 26	5.3.3	Associate Members shall:
27 28	5.3.3.1 but not h	Have the right to vote in all matters before the General Membership, nold any elective office in the Association.
29 30 31	5.3.3.2 any stan	Be eligible to hold any appointed position in the Association and Chair ding or Ad-Hoc Committee.
32 33 34 35	5.3.3.3 APA.	Shall not represent themselves as other than Associate Member of the
36 37	5.4 Li	fe Member
38 39	5.4.1	A Life Member is any member of the Association:
40 41 42	5.4.1.1 and;	Who has been nominated by another Member for Life Membership,
43 44	5.4.1.2 vote of th	Whose nomination has been approved by a two-thirds $(2/3)$ majority ne Board, and:
45 46 47	5.4.1.3 Members	Whose nomination has been confirmed by a majority vote of all Voting spresent at a meeting of the General Membership.

Life Members shall:

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1 2	F 4 O 1	Have the right to vote in all matters before the General Membership.
3	5.4.2.1	Trave the right to vote in an matters before the General Membership.
4 5	5.4.2.2	Be eligible to hold any elective office in the Association.
6 7 8	5.4.2.3 any Stand	Be eligible to hold any appointed position in the Association and Chair ding or Ad-Hoc Committee.
9 10	5.4.2.4	Be eligible to serve on any Standing or Ad-Hoc Committee.
11	5.4.2.5	Be exempt form annual membership dues to the Association.
12 13	5.5 Sc	ience and Technology Membership.
14 15 16 17		Science and Technology members are those persons, organizations or ons who have a professional or scientific interest in the polygraph n through polygraph research or instrumentation.
18 19	5.5.2	Science and Technology members shall:
20 21	5.5.2.1	Not have the right to vote in matters before the General Membership.
22 23	5.5.2.2	Not be eligible to hold any elective office in the Association.
24 25	5.5.2.3	Not be eligible to hold any appointed position in the Association.
26 27	5.5.2.4	Be eligible to serve on any Standing or Ad-Hoc Committee.
28 29	5.5.2.5	Meet all financial obligations to the Association.
30 31	5.6 Ho	onorary Member.
32 33	5.6.1	Honorary Members are those persons who:
34 35 36	5.6.1.1 polygrap	Have made an outstanding contribution to the Association and the profession, and;
37 38	5.6.1.2	Have been nominated by any Member for Honorary Membership, and;
39 40 41	5.6.1.3 vote of th	Whose nomination has been approved by a two-thirds (2/3) majority to Board, and;
42 43 44 45	5.6.1.4 Members	Whose nomination has been confirmed by a majority vote of all Voting spresent at a meeting of the General Membership.

1	5.6.2	Honorary Members shall:		
2 3 4	5.6.2.1	Not have the right to vote in matters before the General Membership.		
5 6	5.6.2.2 Have the right to speak on any issue before the General Membership the Board of Directors.			
7 8 9	5.6.2.3	Not be eligible to hold any elective office in the Association.		
10 11	5.6.2.4	Not be eligible to Chair any Standing or Ad-Hoc Committee.		
12 13	5.6.2.5	Be exempt from annual membership dues to the Association.		
14 15	5.7 Re	tired Members.		
16 17	5.7.1	Retired members are those persons who:		
18 19	5.7.1.1	Are at least 65 years of age.		
20	5.7.1.2	Are no longer engaged in profit-making polygraph employment.		
21222324	5.7.1.3 Have at least 20 years of membership in the American Polygraph Association.			
242526	5.7.1.4 Annual Se	Have attended a minimum of five (5) American Polygraph Association eminars.		
27 28 29	5.7.1.5 Whose nomination has been approved by a two-third (2/3) majority vote of the Board, and;			
30 31 32	5.7.1.6 Members	Whose nomination has been confirmed by a majority vote of all Voting present at a meeting of the General Membership.		
33 34	5.7.2	Retired Members shall:		
35 36 37	5.7.2.1	Have the right to vote in all matters before the General Membership.		
38 39	5.7.2.2	Be eligible to hold any elective office in the Association.		
40 41 42	5.7.2.3 any Stand	Be eligible to hold any appointed position in the Association and Chair ling or Ad-Hoc Committee.		
43 44	5.7.2.4	Be eligible to serve on any Standing or Ad-Hoc Committee.		
45 46 47	5.7.2.5	Be exempt from annual membership dues to the Association.		

5.8 Divisional Members.

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5.8.1 Divisional Members are those polygraph organizations or associations who desire a professional relationship with the American Polygraph Association and whose members agree to abide by the Code of Ethics and the Standards of Practice of the Association. An applicant for Divisional Membership shall:

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5.8.1.1 File a copy of its Constitution or By-laws with the Board and, if granted membership, notify the Board of any changes in said documents.

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5.8.1.2 Be granted Divisional Membership upon a two-thirds (2/3) majority vote of the Board.

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5.8.2 Divisional Members shall:

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5.8.2.1 Be autonomous in all matters, but must be in compliance with the Code of Ethics and Standards of Practice of this Association.

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5.8.2.2 Not represent themselves as other than a Divisional Members of this Association nor represent that by virtue of their Divisional Membership some or all of the members therein are members of the American Polygraph Association. This shall not preclude members of the American Polygraph Association from belonging to a Divisional Member and representing themselves to be members of the Association.

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5.8.2.3 Maintain separate financial accounts and records from the American Polygraph Association and not bind the Association to any financial commitment or responsibility.

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5.8.2.4 The Board of Directors may upon a two-thirds (2/3) majority vote, revoke the Divisional Membership of any such member who:

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5.8.2.4.1 Fails to subscribe to or enforce upon its members the American Polygraph Association Code of Ethics and Standards of Practice.

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5.8.2.4.2 Fails to hold a meeting of its General Membership within a twelve (12) month period.

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5.9 General Provisions.

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41 Subject to the terms and conditions of this Article, membership in the 5.9.1 Association shall be terminated upon the conviction of any member, other than a 42 Divisional Member, of any felony crime or any crime of moral turpitude. 43 Conviction, for the purpose of this section, shall mean the judgment of any court 44 of competent jurisdiction, local, state or federal and shall include a plea of "no 45 contest" to a crime amounting to a felony or when included as a lesser offense or 46 when included as a condition of probation. Such termination of membership 47 shall be automatic and without action by the Grievance Committee or the Board. 48

5.9.2 Any Member, other than a Divisional Member, who has been formally charged in any court of competent jurisdiction on a charge amounting to a felony crime or any crime of moral turpitude shall, within thirty (30) days of such arraignment, notify the Chairperson of the Grievance Committee of such arraignment. Notification shall be in writing and shall include the nature of the charge, the name and address of the court where the member was arraigned, the date of the arraignment and the case or docket number assigned by the court.

5.9.2.1 The membership of any Member who fails to comply with the provisions of this sub-section shall be suspended without action by the Grievance Committee or Board. Said suspension shall be effective on the thirty-first (31st) day after being formally charged and shall continue until the member complies with the requirements of this sub-section.

5.9.3 The membership of any Member, other than a Divisional Member, who
 resigns from this Association shall be reinstated upon approval of the
 Membership Committee or the Board; provided, the member:

5.9.3.1 Qualifies for the class of membership to which he or she qualified at the time of resignation.

22 5.9.3.2 Meets all financial obligations to the Association for the year in which 23 the reinstatement is sought.

5.9.3.3 Was not the subject of investigation by the Grievance Committee or failed to meet his or her financial obligations to the Association at the time of his or her resignation.

 5.9.4 Any applicant pending Board approval of membership or Associate Member who is in the process of upgrading to Full Member will not be eligible for further membership processing unless their current grievance investigation is deemed unfounded and closed.

6. Division VI: Nominations

6.1 Any member qualified under Division V of the By Laws to hold APA elected office may have his or her name appear on the ballot if nominated by at least one voting member of the Association. A voting member may self-nominate. The nomination shall be made in writing and submitted to the Association National Office at least 90 days prior to the commencement of the annual seminar. Any form of written communication (e.g., electronic, facsimile, etc) is acceptable, provided the communication can be authenticated, if necessary, as that of a voting member).

6.1.1 With the exception of self-nominees, the immediate Past President shall notify each nominee of his or her nomination no later than 85 days prior to the commencement of the Annual Seminar. Within 2 days of notification, nominees must notify the immediate Past President of his or her acceptance or rejection the nomination.

- 6.2 A candidate shall only compete for a single office in any one election year.
- 2 Each Director position shall be considered a single office. If nominated for more
- than one office, the nominee must submit in writing to the APA National Office
- 4 which one of the nominations he or she has chosen to accept. If the statement is
- 5 not received from the candidate within two days of notification by the Past
- 6 President of the nominations for multiple offices, the candidate shall not be
- 7 placed on the ballot for any elected office in that election year.

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9 6.3 The Immediate Past President shall notify all candidates of the results of the election.

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7. Division VII: Election Procedures

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7.1 With the exception of run-off elections as described in section 7.4, elections shall be conducted electronically and completed no later than 60 days prior to the commencement of the Annual Seminar.

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7.2. The electronic ballot shall list the candidates for each office in alphabetical order by last name.

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7.3 The election period shall remain open for seven calendar days for all elections held electronically.

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7.4 If no candidate wins 50% of the vote for an office, a runoff election shall be completed no later than 30 days prior to the commencement of the Annual Seminar.

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7.4.1 The runoff election shall include only the two candidates that received the most votes unless there is a tie among more than two candidates for the two ballot positions.

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7.4.1.1 In the case of such a tie for the most votes, only those candidates with the most votes shall appear on the ballot regardless of their number.

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7.4.1.2 If the tie is among those with the second-most votes instead, the ballot would include the candidate with the most votes and all those tied for second-most votes regardless of their number.

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7.5 If no candidate in the runoff election wins 50% of the vote for an office, a final vote will be taken during the General Business Meeting at the Annual Seminar that includes all of the candidates from the runoff election.

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7.6 Any candidate wishing to contest the election results must submit a formal, written petition to the Board at or before its first session during the annual meeting setting forth all pertinent information. If this matter is not resolved by the Board to the satisfaction of all parties directly concerned, it shall be presented to the membership during the scheduled business session for final disposition.

If an election is held to be null and void by the Board, the board may 1 7.7 authorize an election from the floor of the annual meeting. Article VII of the 2 Constitution applies. 3 4 5 8. Division VIII: Election Certification 6 The official certification of the results will be by the Board at the next 7 8 annual meeting of the Association. 9 9. Division IX: Amendment of the Election Code. 10 11 Amendments to the Election Code may be made only by the procedure 12 specified in Article XI of the Constitution. However, nothing in these provisions 13 in the Election Code or Article XI shall be deemed to preclude modification of 14 purely administrative or clerical procedures or details by the Fair Elections 15 Committee or the Board necessitated by effective and efficient carrying out of the 16 intent and purposes of the Code. In any such case, the decision of the Board shall 17 be final, subject to the provisions of Article XI Interpretation of the Constitution. 18 19 Proposed amendments approved by the Board shall be submitted by the 9.2 20 Secretary to the membership using the same procedures provided for in Article 21 XI, insofar as applicable. Amendments may be submitted at any time as 22 determined by the Board. 23 24 **Division X: Directors** 25 10. 26 27 Directors of the Association shall perform such duties as assigned by the President or Board of Directors. 28 29 Division XI: Officers 30 11. 31 The President shall: 32 11.1 33 Preside over all meetings of the General Membership. 34 11.1.1 35 11.1.2 In the absence of the Chairperson of the Board, preside over all meetings 36 of the Board of Directors. 37 38 11.1.3 Have general supervision over the affairs and administration of the 39 Association and of the duties of those appointed to office. 40 41 11.1.4 Perform such duties as the Board may assign and represent this 42 Association at all official functions. 43 44 11.1.5 Appoint the general Chairpersons of all Standing or Ad-Hoc Committees. 45 46 11.1.6 Perform other duties as assigned by the Board. 47 48

The President-Elect shall:

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11.2

1 11.2.1 Assist the President in the performance of his/her duties. 2 3 11.2.2 Upon direction by three-fourths (3/4) majority vote of the Board of 4 Directors, the President-Elect shall act to discharge the duties of the presidential 5 office it the event of the President's absence, disability, of refusal to act. 6 7 8 11.2.3 If the office of the President becomes vacant for any reason, the President-Elect shall succeed to the presidency until the expiration of the term remaining 9 for his predecessor and for the term of one year thereafter, or until a successor is 10 duly qualified. 11 12 The Immediate Past President shall: 11.3 13 14 11.3.1 Be the presiding Chair at meetings of the Board of Directors but shall not 15 be a voting member thereof except in cases of a tie among the Board. 16 17 11.3.2 Shall call meeting of the Board upon request of the president, or as may be 18 19 required by majority vote of the Board. 20 11.3.3 He/She shall undertake such other duties as may be assigned by the 21 22 President or the Board of Directors. 23 The Vice-Presidents shall: 24 11.4 25 11.4.1 Represent the interest of all APA members, especially focusing on the 26 27 segment of their representation, Government, Private, Law Enforcement. 28 11.4.2 Perform other duties as assigned by the Board. 29 30 The Secretary shall: 31 11.5 32 33 11.5.1 In conjunction with the National Office Manager, serving as appointed Assistant Secretary, be responsible for recording and retaining the official 34 minutes, resolutions, and proceedings of the Association derived from business 35 meetings of the general membership, the Board of Directors, or other meetings as 36 may be required for the effective and orderly transaction of the Association's 37 business. 38 39 11.5.2 Distribute official notices, correspondence and other materials and record 40 41 policy and procedures established during Board of Directors Meetings. 42 11.5.3 Perform other duties as assigned by the President or the Board. 43 44 The Treasurer shall: 45 11.6 46 11.6.1 Be the primary custodian of all funds and securities, of whatever nature, 47 which are the property of the Association and shall provide copies thereof to the 48 National Office Manager. 49

1 2 11.6.2 Maintain complete and accurate records of all financial transactions related to the Association. 3 4 11.6.3 Be authorized, and by virtue of these By-laws is authorized, to act in all 5 financial matters wherein an authorized signature is required on behalf of this 6 Association. In the absence or disability of the Treasurer, the President may act 7 8 for him. 9 11.6.4 Select an independent Certified Public Accountant, approved by the Board 10 of Directors, to perform a certified annual audit of the Association's records and 11 financial transactions and report the results to the membership at the Annual 12 Business meeting. 13 14 11.6.5 Publish or cause to be published a Statement of Assets and Liabilities as 15 well as a Statement of Income and Expenses of the Association on a monthly 16 basis and mail to each member of the Board of Directors. Such statements shall 17 be available for review by any Voting Member upon demand. Such information is 18 deemed proprietary to the APA and shall be treated as confidential and any 19 dissemination to anyone other than the requester is prohibited and unlawful. 20 21 11.6.6 Collect all dues authorized by the General Membership and all 22 assessments levied by the Board. Dues are due on or before 31 March each year. 23 Any member who fails to meet financial obligations to the Association shall be 24 suspended without action of the Board until the next meeting of the Board of 25 Directors at which time they may continue the suspension or terminate the 26 27 membership. 28 11.6.7 Provide a bond in an amount deemed appropriate by the Board of 29 30 Directors. The bond shall be payable to the American Polygraph Association. 31 The premium shall be paid by the Association. 32 11.6.8 Assisted by the National Office Manager, be responsible for preparing or 33 supervising such tax and other official documents as may be required by law; 34 35 proposing or supplying such other budget or financial reports as the Board may direct. 36 37 11.6.9 Compile and present a budget to the incoming APA Board of Directors 38 subsequent to the General Membership meeting. 39 41 11.6.10 Perform other duties as assigned by the Board. 42

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Division XII: Ex-Officio Members of the Board of Directors 12.

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The General Counsel shall: 12.1

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12.1.1 Advise the Board on all legal matters which may come before it and may represent the Association in all litigation.

1 2 2	12.1.2 Provide advice to the Board of Directors on policies and decisions under consideration by the Board of Directors.		
3 4 5	12.1.3	Perform other duties as assigned by the President.	
6 7	12.2	The Editor In Chief shall:	
8 9		Publish or cause to be published any and all publications, newsletters, ls or other documents authorized and directed by the Board.	
10 11 12		Distribute or cause to be distributed any and all publications, newsletters, ils or other documents authorized and directed by the Board.	
13 14 15 16 17	names	Shall recommend to the President for approval and appointment, the of other editorial and/or staff members. The Editor shall maintain ial and other records as may be required by the Board of Directors.	
18 19	12.2.4	Perform other duties as assigned by the President.	
20	12.3	The National Office Manager shall:	
21 22 23 24	_	Manage the National office in support of APA members under the direct vision of the President and the members of the Board of Directors.	
25 26 27		Be the primary custodian of all records, of whatever nature, which are the ty of the American Polygraph Association.	
28 29 30	12.3.3 Direct	Perform other duties as assigned by the President and the Board of ors.	
31 32	13.	Division XIII: Standing Committees	
33 34 35 36	Genera	Standing Committees shall consist of a Chairperson nominated by the al Chair and not less than three, whose total number shall be determined General Chair dependent on the needs of the Committee.	
37 38	13.1.1	The Ethics and Grievance Committee	
39 40 41 42 43 44 45	of the a comp submi	The Ethics and Grievance Committee receives and expeditiously, and impartially investigates all allegations of misconduct against members Association. An ethics or grievance investigation shall be initiated by filing plaint. All complaints shall be in writing, signed by the complainant, and tted to the APA National Office. The Committee shall not consider, igate, nor act upon any allegation that does not meet these criteria.	
46 47 48 49	violati	Upon receipt of the complaint, the General Chair of the Committee letermine whether the complaint sets out an allegation of an ethical on. If the General Chair determines that the complaint sets out an ion of an ethical violation, the General Chair shall forward the complaint to	

the accused member requesting a written response to the complaint along with a request for any other documentation deemed necessary for investigation of the complaint. The accused member shall have thirty (30) days, or such longer time as granted by the General Chair, from the receipt of the complaint to respond, in writing, to the General Chair. Failure to provide requested information to the Ethics & Grievance Committee shall be grounds for the Ethics and Grievance Committee General Chair to seek suspension of the accused member by the Board of Directors. Continued failure to provide the requested information shall be grounds for additional sanctions, up to and including termination of membership. Upon receipt of the written response, the General Chair shall, along with any investigation deemed necessary, determine if the complaint is without merit and should be dismissed or whether disciplinary proceedings should be initiated. The General Chair shall notify, in writing, the complainant and the accused member of the decision of whether to initiate a disciplinary proceeding.

13.1.1.3 The General Chair shall appoint a member of the Committee to proceed with an investigation as he or she deems necessary to make findings and recommendations. The appointed Committee member shall submit his or her findings and recommendations to the General Chair for submission to the full Committee for review and comment. The Committee shall determine, by majority vote of the Committee members voting whether to accept, reject or modify the findings and recommendations. The General Chair or his appointed representative shall notify the accused member, in writing of its findings and recommendations.

13.1.1.4 If disciplinary action is recommended, the General Chair or his designated committee representative shall present the evidence, findings, and recommendations to the Board of Directors. The accused member may appear or submit in writing to the Board of Directors, on such conditions as determined by the Board of Directors, only mitigating or extenuating matters that may affect the Board of Directors decision concerning types of disciplinary actions to be imposed. The Board of Directors shall by majority vote determine whether, and the nature of, disciplinary action to be taken against the member. The Board of Directors may publicly or privately censure, suspend, or terminate membership in the Association or take such other actions as deemed appropriate. The General Chair shall notify the accused member, in writing, of the Board's determination. The General Chair shall advise the complainant of whether disciplinary action was taken.

13.1.1.5 Except as otherwise contemplated by the Constitution and By-laws, information obtained by the Grievance Committee is considered confidential and should not be released outside the Committee or Board of Directors.

13.1.1.6 If an ethics or grievance complaint is filed by or against a member of the Ethics and Grievance Committee or a member of the Board of Directors, that member shall recuse himself or herself from investigation or consideration of the complaint.

13.1.1.7 The Ethics and Grievance Committee performs other duties as

1 2	assigned by the President of the Board of Directors.		
3	13.1.2 The I	egislative Committee:	
5 6 7		Represents the interests of the Association in all matters relating to proposed or enacted, at the federal, state or local level, which affect or ne Association or the members thereof.	
8 9 10 11	13.1.2.2 Standards at of law.	When appropriate, recommends to the Board any changes in the nd Principles of Practice necessitated by changes in law or the effects	
12 13 14	13.1.2.3 Directors.	Performs other duties as assigned by the President and the Board of	
15 16 17	13.1.3 The N	Membership Committee:	
17 18 19 20 21 22 23	prior to the names of all	Examines the qualifications of applicants for membership, e names of all applicants for membership at least thirty (30) days submission of their names to the Board and sends to the Board the those whom the Committee finds meet the qualifications for the class hip requested.	
24 25 26	13.1.3.2 Directors.	Performs other duties as assigned by the President and the Board of	
20 27 28	13.1.4 The S	Seminar Committee:	
29 30 31	13.1.4.1 meeting of t	Is responsible for the training and education components of that he General Membership designated as the annual seminar.	
32 33 34	13.1.4.2 Directors.	Performs other duties as assigned by the President and the Board of	
35 36 37	13.1.5 Resea	arch and Development Committee:	
38 39 40 41		Investigates those areas of science and technology which impact the ability and use of the polygraph technique and reports the findings of ations to the Board and the General Membership as appropriate.	
42 43 44	13.1.5.2 Directors.	Performs other duties as assigned by the President and the Board of	
45 46	13.1.6 Educ	ational Accreditation Committee:	
47 48 49		Has the authority and responsibility to establish and promulgate valuation and accreditation of programs and institutions engaged in of study within any private, public, or federal educational or training	

1	institution which purports to offer instruction in, or the teaching of, the theory or		
2	practice of detecting deception or verifying truth of statements through the use of		
3	any polyg	raph techniques or instrumentation. The criteria are under continuing	
4		d changes are made as appropriate and as required.	
5			
6	13.1.6.2	Uses the accreditation process to enhance the instruction and	
7	•	experience of those seeking to be polygraph professionals.	
8		superionee of those seeming to be polygraph professionals.	
9	13.1.6.3	Performs other duties as assigned by the President and the Board of	
10	Directors	~ ·	
11	Directors		
12	19 1 7 Pu	blic Relations and Information Committee:	
13	13.1./ I u	one relations and information committee.	
14	13.1.7.1	Develops written, visual and auditory materials for dissemination of	
15	- '	nd educational information about the polygraph profession.	
	positive a	nd educational information about the polygraph profession.	
16	13.1.7.2	Establishes public relations programs to promote the best interest	
17	• ,	1 1 1	
18	or the por	ygraph profession.	
19	404-0	A	
20	13.1.7.3	Answers media inquiries regarding polygraph matters.	
21			
22	13.1.7.4	Performs other duties as assigned by the President and Board of	
23	Directors	•	
24			
25	13.1.8 Co	ntinuing Education Committee:	
26	_		
27	13.1.8.1	Offers educational seminars for American Polygraph Association	
28	members	at various regional locations.	
29			
30	13.1.8.2	Provides training and information on technological advances in the	
31	polygrapł	n profession.	
32			
33	13.1.8.3	Performs other duties as assigned by the President and the Board of	
34	Directors	•	
35			
36	13.1.9	Budget Committee	
37			
38	13.1.9.1	Is chaired by the Treasurer	
39		·	
40	13.1.9.2	By May 1 each year, provides an estimated budget of income and	
41		for the American Polygraph Association to the Board of Directors.	
42	1	70 1	
43	13.1.9.3	Monitors the budget and provides such information to the Board of	
44	Directors		
45	_ 1100010	•	
46	13.1.9.4	Performs other duties as assigned by the President and the Board of	
47	Directors		
48	21100013	•	
49	13.1.10	Awards Committee:	
→ ブノ	10.1.10	murab Committee.	

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2 3	•	ose persons who through their unselfish and note and advance the best interests of the polygraph
3 4	profession.	lote and advance the best interests of the polygraph
5		
6 7	13.1.10.2 The followin Polygraph Association:	g are current Awards offered by the American
8	1 orygraph 1255ociation.	
9	13.1.10.2.1 William L. a	nd Robbie S. Bennett Memorial Award: For unrelenting
10	efforts and display of abili	ty in the interest of the American Polygraph
11	Association.	
12	.1.0.75	
13	_	ea Clinchard Award: For extended, distinguished,
14		vice in behalf of the American Polygraph Association
15	membership.	
16		
17		ter Award: Honoring an individual or group that
18		rofession through tireless dedication to standardization
19	of polygraph principles an	id practices (January 28, 2006).
20		
21	13.1.10.2.4 Leonarde Ke	eeler Award: For long and distinguished service to the
22	American Polygraph Asso	ciation.
23		
24	13.1.10.2.5 David L. Mo	tsinger Horizon Award: In recognition of a new shining
25	star in the profession or as	ssociation who early in their career demonstrates
26		nd dedication to the polygraph profession (less than 10
27	years)	1 70 1 1
28		
29	13.1.10.2.6 John E. Reid	d Award: For achievement in research teaching and
30	writing of the polygraph p	
31		
32	13.1.10.2.7 President's A	Award: Given at the discretion of the President.
33	_0	
34	13.1.10.2.8 Merit and Se	ervice award certificates.
35	10.1.10.10.0	21200 u.vuru 00202200000
36	13.1.10.3 Perform other d	luties as assigned by the President and the Board of
37	Directors.	
38	Zirectors.	
39	14 Division XIV: Ratificat	ion
40	14 Division III v. Italiioal	
41	14.1 These By-Laws sha	ll take effect at the time the Constitution of the
42		ciation is ratified and shall supersede all other By-Laws
43	then in effect.	Diameter and shall supersous an other by butto
13	mon m chot.	