



► PRESIDENT'S MESSAGE BY
BRADLEY BASSANO 2



► GOLF SPONSOR..... 7



► ARTICLE: OIL & GAS
ENGINEER—FOSSIL FUELS
STILL ATTRACTIVE 1

○ ISSUE 9 | ○ VOLUME 84 | ○ MAY 2012

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TECHNICAL ARTICLE

Fossil Fuels still attractive despite financial crisis

Demand for oil and natural gas continues to grow despite the current economic downturn, indicating a positive future outlook for oilfield services, according to a new report by business intelligence expert GBI Research.

The new report* shows that, for the most part, the global oilfield services industry has grown exponentially over recent years, witnessing a rapid increase in revenue and advancement in technologies. Increased exploration and production activities have seen the discovery of reserves in new regions, necessitating an expansion in oilfield services.

***“Oilfield service
majors rely upon sub-
contractors and
equipment providers”***

affected by the cuts in exploration and production activity following the global financial crisis and Deepwater Horizon incident in the US Gulf of Mexico (USGOM), which resulted in the implementation of regulatory stringency plans worldwide. Since then, operations have been accelerating, with a steady rise expected until 2016.

Recent discoveries of promising fields not yet in production will provide a cushioning effect for any reverberations felt from the

A significant rise in unconventional plays within the North American region has necessitated an increase in the demand for pressure pumping services, which are currently driving the capital expenditure of oilfield services. This will come as a much-needed boost to operators, who may have been

economic crisis, with the future for the oilfield services industry looking optimistic as a result of technology advances and fresh methods of tapping unconventional reserves. Such innovation is generating confidence in the performance of the oilfield services industry, and growth resumption is anticipated for 2012-2013. Long-term projects may therefore face postponement, but are likely to escape cancellation.

However, the market is not without its risks. Oilfield service majors rely upon on sub-contractors and equipment providers, which increases the risk of deadlines and budgets being adversely affected. This dependency can force companies to compensate NOCs in cases of financial losses and time delays. Oilfield service companies may also potentially face increased financial risks associated with long-term, fixed-price contracts with national oil companies (NOCs). These contracts allow oilfield service companies to provide integrated project management services, but invite additional risks associated with labor availability and productivity, cost over-runs, supplier and contractor pricing and performance, operating cost inflation, and potential claims for liquidated damages.

According to GBI Research, the value of the global oilfield services market amounted to about \$142 billion in 2008. Due to the global economic slowdown, negative market growth shrank overall market size, reducing its value to about \$138.6 billion in 2010. However, with increased E&P activity and increased demand for oilfield services, the global market for oilfield services is expected to increase in the future, reaching approximately \$200 billion by the end of 2016.

Continued on page 8

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PRESIDENT'S MESSAGE



Wow, this year is really flying by! It is May already and that means it is time for our annual Election night. This is when members of ESB have agreed to run for one of the four Board of Directors positions that will be open at the end of the year. Their biographies appear in this month's issue of WNY Engineer. The voting takes place May 17th and you must be present to vote. So come out to vote for the person you feel is best suited for the job. Enjoy some finger food, beverages and some socialization with other members of the ESB. We will have some raffles, 50/50 and door prizes to be given away for those in attendance. Let the office know you are planning on coming so we can plan accordingly.

Some of our ESB activities will be winding down in the next couple of months but I don't want you to forget about two of our biggest events, our Annual Golf Outing June 11th and our Annual Runners' Road Race August 1st. Watch for more information in upcoming issues of the WNY Engineer or check out our website at www.tesb.org. Each of these events needs volunteers to make them successful, so please call the office and let us know you can lend a hand. I

hope to see you one or both of these great events!

As many of you may know we rent our office from the Kenmore School District in an old school building. Well we have been informed the school district is planning to repurpose the building and we have been told we must vacate the building by June 30th. We currently have a couple of different options that we are looking at but if anyone has any other possibilities of office space available, either to rent or donate, please let me (bbassano@roadrunner.com) or John Beishline (694-5154) know as soon as possible. We probably need no more than a 200 sq. ft. office space. In addition, we need help moving the office. Given the ESB current financial difficulties, we cannot afford to hire a mover. Call the office and let us know you can help us move, June 30th will be here before we know it!

CALENDAR OF EVENTS

05-07-12	6pm	Ways & Means and Board Meeting
05-09-12	Noon	OF Luncheon
05-17-12	6pm	Election Night
06-04-12	6pm	Ways & Means and Board Meeting
06-06-12	Noon	OF Luncheon
06-11-12	10:30am	7th Annual Golf Tournament
06-28-12	ALL DAY	Move ESB Office
06-29-12	ALL DAY	Move ESB Office

Construction Exchange
Royal Restaurant
Rizzo's
TBD
Royal Restaurant
Tan Tara Golf Club



GOLF OUTING

Format

4 man scramble

Rules

- 4 person team
- No handicaps
- Pick clean
- Place ball within one club length
- Speedy play a MUST (five hours or less)

Prizes

- Low Team Score—\$100.00 each
- Closest to Pin—\$100.00 (4)
- Longest Drive—\$100.00 (1)

Cost

\$115.00 Lunch, Golf & Dinner per golfer

\$5.00 per hole or all 4 holes for \$15 for chance at Hole in One prizes

\$35.00 for dinner only

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The ESB is an IRS approved non-profit organization under Section 501 (c) 3, all sponsorships are tax deductible.

Titanium Sponsor \$1000.00

Display of you business banner, tee box sign, foursome in tournament and recognition in our dinner program, designated as a "Titanium Sponsor".

Platinum Sponsor \$500.00

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Gold Sponsor \$250.00

Your business name will be displayed on a tee box sign, single player in tournament and recognition in our dinner program, designated as a "Gold Sponsor".

Silver Sponsor \$150.00

Your business name will be displayed on a tee box sign and recognition in our dinner program, designated as a "Silver Sponsor".

All sponsors will receive recognition throughout the event.

Chance at Hole in One Prizes

\$5 per hole or \$15 for all 4 holes

Sign-up as a single or foursome by sending this form with payment by June 1st to:

The Engineering Society of Buffalo
3200 Elmwood Avenue, Room 206
Kenmore, New York 14217

Business Name: _____

Address: _____

Contact: _____

Phone: _____

Number of Golfers: 1 2 3 4

\$115.00/ea = \$ _____

Name of Participants: (please print)

Please circle dinner choice: 10 oz. Strip Steak or Chicken Cordon Blue

1. _____ B C

2. _____ B C

3. _____ B C

4. _____ B C

Titanium Sponsor: NO YES \$1000.00

Platinum Sponsor: NO YES \$500.00

Gold Sponsor: NO YES \$250.00

Silver Sponsor: NO YES \$150.00

Dinner Only: \$35.00

Hole In One (per player) \$5 \$15

Total Enclosed: \$ _____

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UPCOMING BIRTHDAYS

May 1	Dennis Kessler & Bill Myka
May 5	Stan Blas
May 7	Richard Lebert
May 9	Wayne Notto
May 16	William Taylor Jr.
May 21	William Haag Jr.
May 23	Don McMahon & Jamie Wasielewski
May 25	Zachary Ball
May 27	Thomas Hanshar
May 30	John Zito



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45,000 Sq. Ft. Precast Concrete Manufacturing Facility – on 75 Acres.
 NYSDOT QA-QC / NPCA Certified – Approved Precast Mfg. Facility.
 Precast Concrete Box Culverts 12' – 24' Spans.
 Precast Concrete Arch Bridge Segments 36' – 60' Spans.
 Precast Concrete NYSDOT “New” - 554 Segmental Retaining Wall System
 Redi-Rock – Gravity & New - PC “Positive Connection” Block
 Precast concrete NYSDOT - DI Units / Pull Boxes / Light Foundations
 Steel Fabrication Molding Systems - Concrete Delivery Systems.

Also:

Stormwater Treatment BMP Units
 Environment 21 LLC - Stormwater Treatment Systems. NYSDEC/NJCAT
 Treatment units Will also be on display.....



Wednesday, May 30th
 3:30 PM

Please RSVP to Kim at (716) 873-4455
 By May 23rd

◇ Oilfield Services Industry to 2016 – Technological Advancements, Unconventional Plays, and Deepwater Activity to Drive the Market

This study provides an in-depth analysis of the global oilfield services market and highlights various concerns, key trends and challenges, along with major companies involved in the industry. The report provides forecasts for the oilfield services industry to 2016, and also provides oilfield services industry forecasts worldwide by individual sub-segment type. The report gives an in-depth analysis for every sub-segment and provides market share analysis of the top oilfield services companies for each segment.

The report is built using data and information sourced from proprietary databases, primary and secondary research, and in-house analysis by GBI Research's team of industry experts.

* Taken from engineerlive.com Oil & Gas Engineer

ADOPT A HIGHWAY

ESB Members participated in the Spring Cleanup of our section of Colvin Boulevard on April 11th.

Brad had help from Jon Kolber, Colleen O'Connell, Robyn Closs, Augie Taboni and Rebecca Wightman.

Weather was light rain and low 40's, but really not bad. It was a good crew and we finished in well under 2 hours.



Kim is recouping well from surgery.

I expect to be back mid May.

Please have any newsletter articles in to me as soon as possible. Also, please start getting your golf sponsorships and teams in to me as well. I also need your raffle stubs and money. The drawing is at the golf tournament.

I can be reached at home for office items. 982-6173.

Any other items can be handled by Brad Bassano or John Beishline.

ESB IS MOVING

The Engineering Society has received official notice that we must move our office by June 30th.

As some of you may know, the Ken-Ton district has been reorganizing their properties. Our building has students returning on a full time basis and other district offices moving in.

If anyone has boxes or totes, please save them and they can be dropped off at the office once I return.

I am planning on 2 days (June 28-29) for moving since we are still in the process of receiving quotes. We will need people who can lift and load/unload. If you have a truck and can drive but not load, we would appreciate that as well.

Please let Kim know if you can help in any way.

Scholarship Students

Save the Date

Scholarship Recipients, don't forget to keep your schedule open for the Scholarship 5K Race.

You are needed to help at the Water Station. Plan on arriving by 6:30 pm.

This year's race will be August 1st.



Jeffry Wach is the Chief Operations Officer and co-owner of EGW Personnel Staffing, a full service staffing and direct hire recruiting firm servicing Western New York since 1969. EGW provides strategic hiring solutions in the Engineering, Technical, Industrial, Professional, and Administrative fields, operating out of offices in Buffalo, Rochester, and Arcade. Mr. Wach oversees all operations of the company including HR, Finance, Safety, and Risk Management. Mr. Wach graduated from Clarkson University in 1987 with a BS in Mechanical Engineering and along with his wife and three girls, resides in Colden.

*** Jeff has been elected as a 1st Year Director to fill one of two vacant seats from the 2011 election.**

Frank J. Alessi is a Sales Engineer for Moley Magnetics located on IDA Park Drive in Lockport, NY. He is responsible for sales and project engineering of electro-mechanical products for all of Erie County. He has degree's in Electrical Engineering Technology as well as Manufacturing Engineering Technology and is also a Past President of The International Society of Measurement and Control. Frank was also a Volunteer Fire Fighter and held positions as Lieutenant, Captain, Assistant Chief and Day Chief at the Kenilworth fire company over the last 17 years.



Dwight Moldenhauer, CLU, ChFC

Mr. Moldenhauer is a principal of Dwight Moldenhauer, Inc., which specializes in tailored executive benefit strategies for business owners and executives of public corporations as well as closely held private companies. With over 25 years of experience, Mr. Moldenhauer is recognized as an industry leader and is a desired advisor for many accountants and attorneys who recognize the unique knowledge he brings to the team.

In addition to a bachelor of Science degree from Buffalo State College, Mr. Moldenhauer is a graduate of The American College, earning designations as a Chartered Life Underwriter® and Chartered Financial Consultant®.

Dwight lives in Buffalo, NY with his wife Moira and their two sons Egon who is a student at SUNYAB and Adler who is a student at Le Moyne College in Syracuse.

Christopher M. Sargeant, P.E. is a Project Engineer at T.Y. Lin International's Buffalo office. As a Project Engineer, he is responsible for providing engineering support, developing construction plans and documents and preparing proposals for a variety of highway design and traffic engineering projects for both public and private sector clients. He is a licensed professional engineer in the state of New York. Mr. Sargeant graduated from Clarkson University in 2001 with a Bachelor of Science in Civil Engineering. He resides in Hamburg.





Salvatore Sciandra, Business Development Manager of Frey Electric Construction Company, has been in the electrical construction industry since 1981, serving his apprenticeship with IBEW Local #41. He holds Master Electrician licenses in Buffalo, Niagara Falls, Rochester & most other surrounding municipalities. At Frey, his concentration is on negotiated projects and Building Management System installations.

Mr. Sciandra is currently President of the Niagara Frontier Subcontractors Association and a member of the City of Buffalo Electrical Board of Examiners. He has 3 sons and lives in North Buffalo.

As a senior-level operations management leader with expert process improvement and business development skills, **Marco Scofidio** is the Product Manager, Steel Structures at Wendt Corporation. Prior to this, Marco led a multi-site team of up to 46 professionals as Principal Engineer & Civil Structural Department Manager at ATSI, Inc., and served as Chief Operating Officer at Construction Lending Services, Inc. Marco's entrepreneurial spirit—previously led to a winning five-year turn as President and Chief Executive Officer of Criterium/Scofidio Engineers, LLC. During his 11-year tenure at Birdair, Inc, he served as Project Manager and Business Development Manager after being hired on as a Senior Project Engineer. Earning his own way through college, Marco worked as a draftsman at a private Buffalo firm and as a structural engineer at Occidental Chemical Corporation and as a Project Manager at Malcolm Pirnie.



Marco is an alumnus of the University of Buffalo, where he earned both his Master of Business Administration and Bachelor of Science in Civil Engineering. He is an active member of the National Society of Professional Engineers (NSPE), Engineering Society of Buffalo (ESB), Project management Institute (PMI), and the Secretary for the American Society of Civil Engineers (ASCE). Licensed with the National Council of Examiners for Engineering & Surveying (NCEES), Marco holds his licensed professional engineer designation in the states of New York, Michigan, Maine, and Pennsylvania.

He resides in Clarence with his wife and two college age daughters. Marco enjoys bicycling, camping, metal detecting, and family history research.

*Calling all Members...WE WANT YOU...
To VOTE!*

Election Day is Thursday, May 17th!

Rizzo's Restaurant - 2763 Eggert Road, Tonawanda
6:00 PM – 9:00 PM

Pizza, Wings, Antipasto, Beer and Pop will be provided.

RSVP to the ESB Office by May 9th.

YOU MUST BE THERE TO VOTE!



BOWLING WEEK 31 ~ 4/4

WALT NEUHAUS,
A 30 year member of
the Engineering
League, celebrated
his 95th birthday
April 11th!



<u>TEAM STANDINGS</u>	<u>WON</u>	<u>LOST</u>
1. LIVE WIRE	135	82
2. OUTCASTS	115	102
3. SPLIT HAPPENS	115	102
4. PINHEADS	112	105
5. DEAD LOADS	111	106
6. PROTRACTORS	108	109
7. TRANSMITTERS	105	112
8. CAD/CAMS	99	118
9. FINGER HOLES	98	119
10. GO BILLS	87	130

<u>TOP 10</u>	<u>SCORE</u>
1. PAUL MORROW	216.88
2. BRIAN OLKOWSKI	207.03
3. ERIC MURPHY	195.32
4. CHRIS GABRIELLI	193.91
5. TODD HUTH	192.17
6. DENIS FOUNTAIN	189.58
7. SCOTT SUTHERLAND	182.57
8. BUD GARRISON	182.38
9. JOHN GIRDLESTONE	182.18
10. JIM STONE	181.13

<u>200 GAMES SCRATCH</u>		<u>600 GAMES SCRATCH</u>		<u>CROSS ALLEY W/HC</u>	
JOHN GIRDLESTONE	247	BRIAN OLKOWSKI	650	JOHN GIRDLESTONE	275
BRIAN OLKOWSKI	246	PAUL MORROW	615		
JIM ABATO	234				
MERRILL ARTHUR	225				
PAUL MORROW	223				
SCOTT SUTHERLAND	221				

The Engineering Society of Buffalo will be hosting its
32nd Annual 5K Scholarship Race to be held: August 1, 2012

NFTA Small Boat Harbor, 1111 Fuhrmann Boulevard, Buffalo, NY 14203

**We appreciate your support. Your sponsorship will help us to provide scholarships
while promoting your business. Sponsorship deadline is August 1, 2012.**

There are three levels of sponsorships to choose from:

Gold Sponsor - \$1,000.00

Company Name and Logo displayed prominently on all race promotional materials such as race applications, advertisements, posters, etc. and acknowledgement of sponsorship during race activities.

Silver Sponsor - \$500.00

Company Name and Logo displayed prominently on all race promotional materials such as race applications, advertisements, posters, etc.

Donor – Any amount up to \$499.00

Company Name and Logo on Race Donation Board/Lists

If you are able to help out again this year, please contact John, Don McMahon or Kim.
Plans are currently underway.

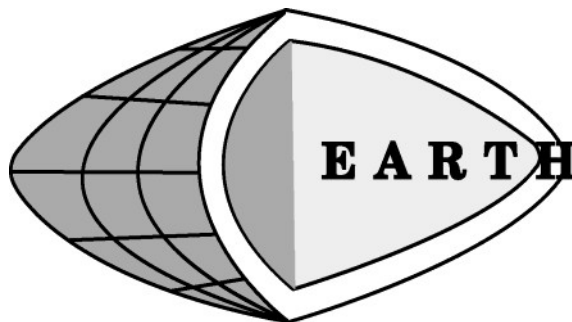




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**Hole in One
Prizes!**



**This year's Golf Tournament will include a chance to
win
Hole in One prizes!!**

Andy Moquin from Andrew's Jewelers is sponsoring the Hole in One Prize.

If you get a Hole in One on Hole #1 you will win:

**18K White Gold
Black & White Diamond Necklace
1.50 CT total weight
\$4,995 value**



You will also have the chance to win:

A \$500 Visa Gift Card.

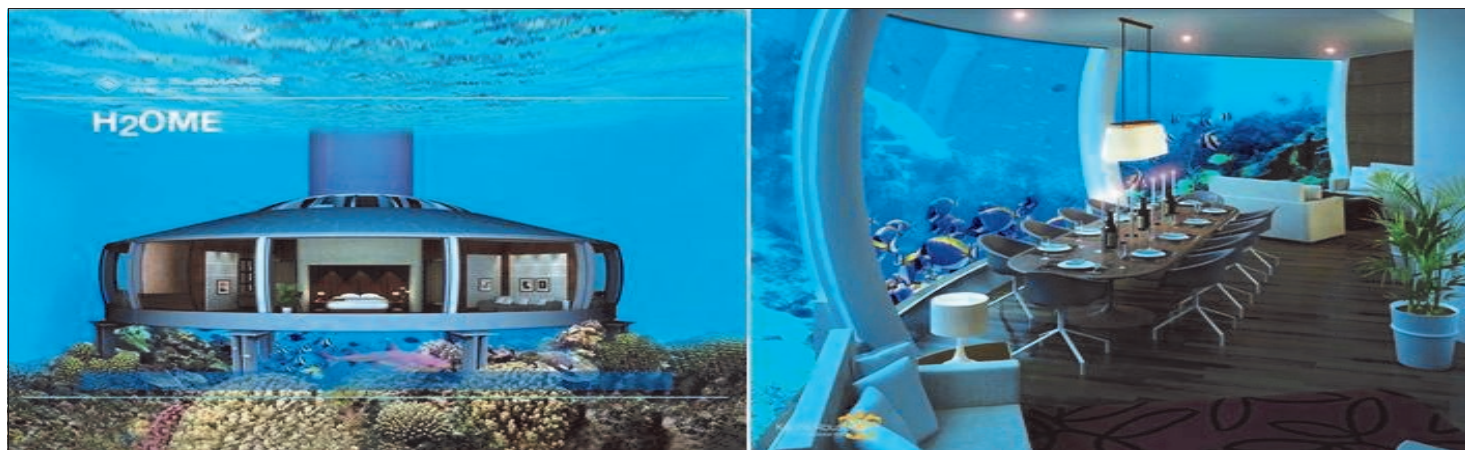
We are also pairing up our tournament with Kenmore Rotary this year.
They will also be sponsoring a Hole in One prize!!

\$10,000 CASH

If you buy into the Hole in One game, you get a chance at both the
ESB & Rotary prizes!!

**\$5 per hole
\$15 for all 4**

We need a non-golfer to
volunteer to come out to
the tournament and
verify our hole in one
prize.



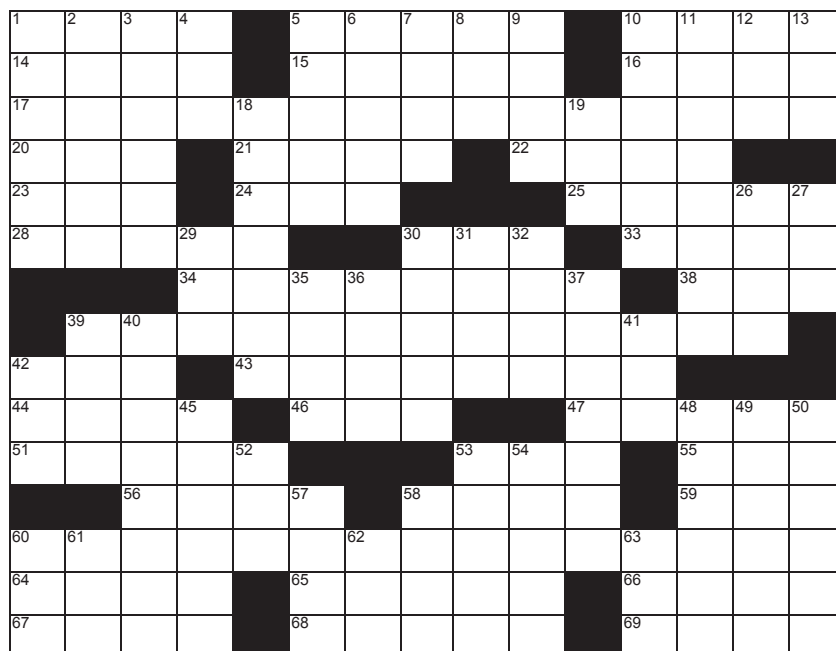
AMUSEMENT

Across

- 1: Tributes in verse
- 5: Performed on stage
- 10: Big senior year event
- 14: Cooped (up)
- 15: Member of the crew team
- 16: Sales staff members
- 17: Disease experts
- 20: Tease mercilessly
- 21: Cons' confines
- 22: Puff like a pooped pup
- 23: Get ready for a fight
- 24: Passports, e.g (abbr.)
- 25: Draft pick finder
- 28: Get going
- 30: 28,800 seconds before midnight
- 33: Thus
- 34: Grazing lands
- 38: Shade tree
- 39: Scot-free
- 42: Go over
- 43: Green-fleshed melon
- 44: Roman date
- 46: Tie the knot
- 47: Is joyful, perhaps
- 51: ___ diem
- 53: Kind of talk
- 55: Wedding page word
- 56: Ditties
- 58: Tropical root
- 59: Put up preserves
- 60: Well done!
- 64: Annul
- 65: Movie theaters
- 66: Test choice
- 67: SAT part
- 68: Gaze fixedly
- 69: Tennis match divisions

Down

- 1: Verdi creations
- 2: Blow the joint
- 3: Inscrutable sort
- 4: Avg.
- 5: Equipped with M-16's
- 6: Nickels and dimes
- 7: 'Terrible' phase
- 8: Slim swimmer
- 9: Word following eye or nose
- 10: Charming title?
- 11: An antique dealer, sometimes
- 12: Choose
- 13: Mag. submissions
- 18: Mel Blanc's is 'That's all, folks'
- 19: Brake neighbor
- 26: Really hard on the eyes
- 27: Quarterback Brady of the Patriots
- 29: LP measure
- 30: Showed rage
- 31: Mouse, to an owl
- 32: Sew up
- 35: Sluggish
- 36: Spork part
- 37: Cassoulet cooker
- 39: Pas de deux conclusion



- 40: Objects of computer instructions
- 41: Electrify
- 42: Personal quirk
- 45: Keg feature
- 48: Extra performance
- 49: PayDay tidbit
- 50: Taste and smell
- 52: Goof up
- 53: Less colorful
- 54: Remove graphite or graffiti
- 57: Cul-de-___ (dead end roads)
- 58: Sandwich fish
- 60: Slice
- 61: Undivided
- 62: ___ for tat
- 63: Tag players



2012 Raffle

1st Prize: Kindle Fire
2nd Prize: \$100 Gas Card
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KINDLE RAFFLE TICKETS

1000 tickets were sent out to members for our Kindle Fire raffle.

I need to get the stubs and money returned to the office.

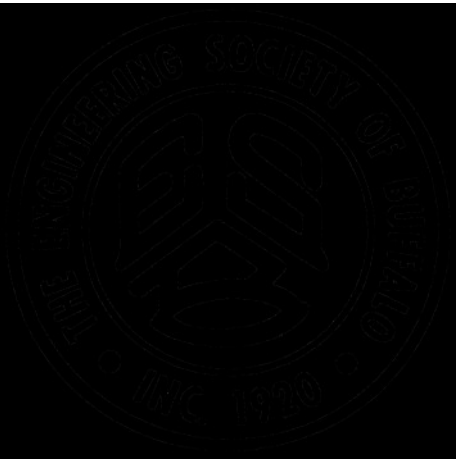
The drawing is being held at our Annual Golf Tournament on June 11th.

I have more tickets available for anyone who needs them.

MEETING MINUTES

Advertising/Marketing:	Don Owens has Engineering Firm interested in taking out a full page advertisement.
Audit:	Taxes were submitted in January.
Bowling:	Last night of bowling April 17 th with Banquet scheduled for April 27 th
Business/Community Affairs/Publicity:	Colvin Spring Cleanup scheduled for April 21 st
Bylaws:	The committee has reviewed and recommended changes. When finished with revisions, changes will be presented to Board of Directors for review / vote/ presented to members for review and vote.
Car Show/Raffle:	Tickets are slowly coming in, members should be contacted to urge return of money and ticket stubs. Gene Colucci and Mike Patterson award appreciation gifts for work with last year's car show.
Education:	Need new Chair for Education Committee, must be a PE. Don McMahon will set up a meeting of the committee.
Endowment:	Don McMahon will set meeting with Brad - market is up
Entertainment and Program:	April 24 th 3PM tour of NITEC – contact Jon Kolber if interested. May 30th tour of Kistner Concrete. Discussion of Potential Summer Family Picnic, regarding demographics of the organization and potential format/event (picnic/ cocktail hour/zoo). Jeff Wach to develop a survey for distribution to develop database on age, number of children/ ages/ interest in type of activities
Golf:	June 11th is Annual Golf Tourney. Hole in One prizes this year. There are spots still available.
New Membership:	New student member proposed HanJin Hu PhD student at UB.
Newsletter:	No report.
Nominating:	Difficult getting interested individual this year due to low membership and prior commitments, have 5 candidates, need a nomination. Committee to present potential candidates 90 days prior to elections.
Office:	Brad and Robin to look into potential office sites
Retention Membership:	No Report.
Roster:	No Report.
Scholarship:	No Report.
Scholarship Run:	Planning underway, beer being donated by Molson, letters being sent to companies for advertisement / sponsors. Race is being changed to 4 mile to make more attractive to runners. John plans on getting course measured and certified. Application will be printed in the next couple of weeks. Will advertise to members that you do not have to run to attend post race party, just pay a nominal fee.
Sunshine:	Tom Glynn has been under the weather for the last week.
Website:	Website is very slow and confusing. Recommended to take site down and post under construction. Discussion evolved on whether ESB has a Facebook page to entice wider engineering base, can post upcoming events. Posts should be from the ESB not individuals, - rules on posting will be developed.
Adjournment:	The meeting adjourned at approximately 7:15 P.M.

The next Ways and Means and Director's meeting will be held at Construction Exchange



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