April 2015

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Ed Di Napoli, Chairman

Howard Welch, Vice Chairman

Rich Vaughan, Treasurer

Pat Addonizio, Secretary

Vito Cimilluca, Judging Chairman

Bob Zimmerman, Newsletter

Editor

BUSINESS MEETINGS & TECH SESSIONS

Hightstown Elks Club 110 Hickory Tavern Road Hightstown, N.J.

3rd Monday of the month at 8:00 p.m.

IN THE GARDEN STATE SPRING IS SYNONOMOUS WITH CORVETTE!



Chairman's Column

By: Ed Dinapoli

What a long winter, with more snow then we needed. I guess we are lucky not to live in Boston. If we did live in Boston, I would think we would have missed more than February's Chapter Meeting. I know my cars are ready to get out from under their covers and hit the road. With the length of time that they have been off the road, we

should wake them gently to avoid any cranky response, as not to give a headache to its owners. All kidding aside, it looks like we will be getting a late start on the car show season, with late snow storms, and weather way too cold to stand in a parking lot. The Chapter at this point does not have any outside activities planned until the later part of April (Mark Rudnick has a C3 Judging School scheduled for April 19th). Hope that the weather breaks into spring real soon.

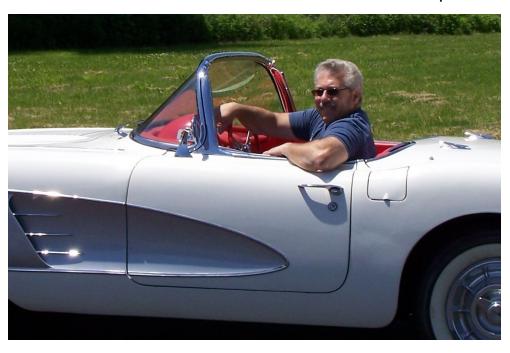
We are pleased to announce that Princeton Chevrolet will be hosting our Chapter Show Meet again this year. I spoke to Mark Sable and was very enthusiastic about our September 20th Meet. I know they will do a fine job for us again, which should be even better, with the completion of their new beautiful show room. I am happy to report that Ralph Greer will be doing the registration again for the Meet. Ralph's decision to support us is very much appreciated. Save the date as Vito is looking to expand the number of judged cars, and we will need judges and ground support for his efforts.

The March meeting at the Woodbridge Community Center on a Sunday morning was a big success. Everyone felt that not traveling in the dark to and from a Monday evening meeting was a welcome change. I think we will look into changing our meeting schedule for January to March next year, to Sunday morning. Let me know if you have any feeling about this change. The second change we made to the meeting was related to the format. We used this meeting as a round table to discuss NCRS judging and informal garage talk. The beginning of the presentation was conducted by Vito, on NCRS Judging, which generated a healthy discussion. The garage talk topics went from, paint, to side pipes, to the health of the NCRS and the Chapter. When asked if the round table discussion was a welcome change. The overwhelming response was Yes. Everyone said, it was informative, educational, entertaining and fun. I think we will replace some of our Business Meetings with these round table discussions

If you have noticed we are moving our meeting locations around the area. I think this is healthy and may influence different members to attend meetings. We will continue to use the Elks for some meetings, but will continue to look for other sites. I want to thank Vito for the use of the Woodbridge Community Center. In addition to offering a different location, it is a clean, well maintained, beautiful facility that is easy to get to.

As you may know, the Regional Exploratory Committee is still in existence and will be working on the feasibility of a Regional in 2017. They will be updating the Board and the Membership, monthly, with a final decision by November 2015. I would like to thank Lou Romero for stepping up to head the Committee as Show Chairman.

Our activity schedule is not fully developed as of today. Howard and Vito are working on some new activities that I think will generate lots enthusiasm. Our web site has all the planned events in the Calendar of Events section. More to come on the event with details. I will continue to send e-mails alerting everyone to all events and meetings. If you have any ideas on an event you would like the Chapter to consider, let any of the Board Member know. Hope to see all our old loyal member and some new members at our coming events. Get those Corvette's out of the garage and drive them Ed



Meet Lou Romero
" Matching is more than numbers"

by Guy Vander Vliet

This is an opportunity for our membership to get to know Lou Romero who is one of our newer members and has volunteered to be the Regional Show Committee Chairman.

In conversation with Lou it became clear that in at least two occasions in his life, "matching" became what he almost considers miracles. More about that will follow!

Lou is a family guy, a project manager in the IT field currently working in New York and a long time resident of Somerset. Lou's first miracle match occurred when he met his wife Marta while they were both freshmen in high school. They stayed together through high school and college, marrying shortly after graduation, 35 years ago. They have two grown children, a daughter Charlene who is 31 and a son Chris who is 30 and serves actively in the US Coast Guard. They have two grandsons and a new four-month old granddaughter.

In addition to cars, Lou is an avid woodworker with a well-equipped workshop in his home. He is currently decorating his garage in a 50s theme including the checkered floor and period correct décor to match his '58 Corvette and not to mention the 50s music in the backgroud. It would no doubt take us all back to this period of our youth-likely before we worked, married and got old!

Lou's interest in cars blossomed in about 1966 when he was only 8 years old, he would dream about cars while in school and draw his favorite "speed demon."

About 2 years ago, Lou and his wife decided that they were in good shape and could look around at "fun" things. Lou's search process began in earnest with calls and searches all over the country. Low and behold, a long-time friend of Lou's, Glen Atamanchuck of Hillside Corvettes, called and said that he may have found the '58 that Lou was looking for. Lou questioned him and was surprised to learn the car was under his nose in Livingston, New Jersey.

The widow of the owner was finally willing to part with the car which had been sitting covered in her garage for over 10 years. When Lou saw the car he knew he had found his second love.

Lou has traced the long history of this very original car which led him to the prior owner in Florida and then to another previous owner in Massachusetts who was a close friend of Dan Gale. The car had a mild restoration with the help of Dan Gale who was a co-founder of the Northeast Chapter of the NCRS in Massachusetts and instrumental in forging the National Corvette Museum in Bowling Green Kentucky. On September 12, 1992 the car was shown in Boston and signed by Larry Shinoda who was the chief engineer designer of the 63 Sting Ray and the Ford Boss 302 Mustang.

Through researching the car's history he discovered that the car was built on May 24, 1958 and Lou was born on May 29, 1958. This is why a '58 was so important to Lou and now the second of Lou's "miracle matches"!

Lou has only had his car for two years and has been a member for one year. He is enthusiastic and full of ideas to share with the group such as attending Concourse shows, exhibits and having more hands-on kind of workshops and eventually getting into judging. He plans to attend Bloomington Gold and the national NCRS events in the near future.

I say "Welcome" to Lou from our group and commit our support to him in the planning of a possible Regional Show.



C4 Hood Date Etchings

For some time we have noticed hand applied etchings on the underside of 1990 and newer C4 hoods. During the Florida regional meet we were judging a low mileage one owner '96 when one of the chassis judges saw what he believed were some scratches in the underside of the hood on the right side just over the wheel well area.



Closer examination disclosed that it was the hand etched date. Many of these date etchings were applied to the driver's side of the hood however this one was on the right. As fate would have it the C4 team had a gentleman named Rex Malott assisting in the C4 Judging. Immediately Rex identified the etching as a hand applied marker to indicate date, shift and sequence number that was applied by the company who manufactured the C4 clam shell hood. How did he know that? Well he worked for the company. Rex, who provided most of the background information for this article, stated that C4 hoods made from 1990 on were made in Shelbyville, Indiana at Gen Corp Automotive. Assembly workers were instructed to put the date/sequence number of assembly/ and shift on the underside of the hood with an etching tool. Thus a number like 10-21-91A would mean- October 21st, 91 hood assembled on 1st Shift. The information contained in these etchings varied in format throughout the C4 hood production run ending in 1996. I have been compiling a data base of these etchings however have examples from 1993 and 1994. Workers at Gen Corp Automotive moved around on different jobs every shift. There were only two shifts at the plant, A & B. The workers would put the information on either the left or the right side of the hood underside usually on the forward end. The etchings were applied with a cheap electric etching tool brought at Sears. The degree of legibility depended on how the worker felt at the time he did the etching, some were good, some not so good. With all the changing of workers on the hood assembly line, exact instructions were not always given to a new worker. This was the new "Team Approach" undertaken by management so everyone got a chance to etch. Eventually Gen Corp went Bankrupt and was sold to Cambridge Industries. Cambridge too went into bankruptcy. Cambridge Industries was subsequently sold to Meridian Automotive. Throughout the manufacture of these hoods under various company ownerships the information etched into the hoods was modified. The shift designation was dropped as there was only one shift and the year was dropped but a sequence number added.



1992 Corvette showing the date 10-21-91 shift A



Another 1992. The build date for this Corvette is June 15th 1992 shift A



Here is an example of a difference in the information provided on a 1995 hood. Contained is the date 6-10 followed by a sequence number (24). Dropped was the year. We attribute this to the various changes in company ownership that led to varied management goals regarding these etchings.



This photo is from a 1996 Grand Sport, with a build date of June 9th and a sequence number of 118



Here is an etching from a 1995. The hood was etched on December 12th and contains a sequence number of 78. Note the formation of the numeral 8.



Another 1996 hood etched on February 13th, sequence number 71.

The author wishes to express his appreciation to the following Corvette owners who provided their information and photographs contained in this article. John Marsico Tom Barr, Dave King, Brad Gray, Floyd Burus, Mike Treece, Tom Hendricks and Tom Loftin.



NEWSLETTER EDITOR'S COLUMN

By: Bob Zimmerman

No Message this Issue

MESSAGE FROM OUR TREASURER & MEMBERSHIP MANAGER

By: Rich Vaughan



It is April 2015 and the dues for this year from most of you have been paid. For those of you who have not paid (about 15), and still want to be members of the Chapter, please send them in as soon as possible. They are still \$30.00. Your check should be made payable to The Central NJ Chapter of the NCRS, Inc., and mailed with the filled out Renewal Form to me at 3 Harter Rd. Morristown, NJ

Please print and fill out the form on page 14 and mail it back or bring it with you to the Monthly Meeting along with your check.

JUDGING CHAIRMAN'S MESSAGE

By: Vito Cimilluca



No message this Issue

Central New Jersey Chapter Team Leaders

53 to 62 Ed Lepelis 609-466-0447

63 to 67 Howard Welch 609-494-7618

68 to 72 Mark Rudnick 609-895-1687

73 to 82 Joe Ronzo 908-668-0662

84 to 96 Bob Zimmerman 973-691-2762

97 to 99 Ralph Greer 732-238-4582



Business Meeting Minutes January 12, 2015

Ed DiNapoli Chairman (in attendance)

Howard Welch Vice-Chairman (in attendance)

Joe Bardon Co Vice-Chairman (in attendance)

Richard Vaughan Treasurer (in attendance)

Pat Addonizio Secretary (in attendance)

Vito Cimilluca Judging Chairman (in attendance)

The business meeting scheduled for January 12, 2015 held at the Hightstown Elks Club was called to order at 8:10 pm. The number in attendance was 14.

The agenda was to address the following:

Secretary's Report Treasurer's Report Vice Chairman's Report

Chapter events for 2015

Judging Chairman's Report

Action plan for 2015 tech sessions

What to expect from team leaders in 2015

Chapter's new business

Hosting a regional

Chapter incentive program

Changes to upcoming meetings

Official chapter greeter for new members

Chapter's 20th anniversary

The meeting opened with Ed thanking those in attendance for coming.

The secretary was called upon to read the minutes from the November meeting. They were accepted as read.

Richard gave the treasure's report with the yearend figures for 2014. The regional account began the year with \$20,277.04 and ended with a balance of \$20,282.05. The operating account began with \$1,702.24 and ended with \$1,444.33. The chapter ended the year with a net income of \$14.10. The total income for the year was \$4826.01 which included \$5.01 in interest from our regional account. The total expenses for various chapter activities were \$4,811.91. The proposed budget for 2015 will remain the same as last year showing income of \$5,000 against expenses of \$4700. Ed explained to the members how the budget is used as a guide to project the income, how to spend the money on the members and try to not access the funds in our regional account. Ed also mentioned how this can be challenging since the number of members changes from year to year. The Treasures report was accepted as read.

Howard was then called upon to give the Vice Chairman's report. Ed thanked Howard for a fine job in organizing the holiday brunch. We had 35 people attend the event. It was a great turnout for the Toys for Tots event. The regional area that collected the gifts was very grateful for the toys and books collected. Howard then discussed the following tentatively scheduled events for 2015. A day trip road tour to Callaway Cars on June 20th, the annual chapter picnic on August 8th and the holiday brunch on December 13th. Other possible events maybe a road tour to a winery or F40 Motorsports in Connecticut and the chapter's participation in a charitable concourse de elegance event. Howard asked the members for suggestions on a non NCRS event which the chapter could attend to represent the NCRS. A suggestion from Ed was the chapter possibly attending a cruise night and conducting an informal tech session. Ed then officially welcomed Vito back to the board. Vito was excited to again be involved with judging at the chapter level. Prior to tonight's business meeting Vito had conducted a meeting with the team leaders to discuss an action plan for the year. He will start off the year with building a foundation by conducting a tech session in February on judging 101. All team leaders will have two sessions per year and try to conduct some offsite. The topic for some sessions could be bringing back the basics of maintaining and servicing the cars. Vito would also like the chapter to conduct a two day judging school that would be worth 5 judging points. Vito then asked each team leader in attendance to introduce themselves a few words about what to expect from this year's tech sessions. Ed mentioned that Vito still holds the position as regional director for region three. Vito's region contains five chapters that cover NJ, PA, DE, VA, WV and DC and contain the largest population of the national members. He mentioned the importance of the regional director with bringing back ideas to the national board to be considered. Some of the board's accomplishments during his tenure were setting up a national convention rotation, reducing

the number of annual regional meets, updating technology, full color publications and creating a foundation for education.

Ed opened the discussion on new business. His first topic was regarding the chapter hosting a regional in 2016 and confirmed that this will not take place. He mentioned that the regional committee that was put together wants to continue to meet and possibly host a regional in 2017. Ed will try to organize a meeting of the committee in February. Ed advised the members that the incentive award program will run again this year. Howard reminded those in attendance of the requirements needed to achieve the award. The next item discussed was the time and location of our monthly meetings. For ease of travel during the winter months, it was decided to schedule a meeting during the day on a weekend. The first of these trial meetings is scheduled for March 15th at 9:30 am at the Woodbridge Community Center. The board will try to schedule additional daytime meetings to obtain enough feed back to make a decision on making the change permanent. Ed asked the members to update to their email addresses since he is receiving some emails that are not deliverable. Staying on the topic of technology, we reviewed our current sponsors on our web site and asked the members to see if they knew of anyone else that would like to advertise on our site. Ed thanked Bob for doing a wonderful job on the newsletter and the members for their participation. Joe Bardon has volunteered to be the official greeter for our chapter. Joe will reach out to all new national members in our area to invite them to our next chapter meeting. He will offer to meet with them and introduce them to the team leader for the classes they are interested in. This year our chapter will be celebrating its 20th anniversary and we may possibly celebrate the occasion at our annual picnic. The final topic discussed was lack of interest in our chapter's apparel. The items are all offered on our chapter's web site however, we will create an order form that will be available at our monthly meetings for those who may not prefer to order online. Ed then opened the floor for general discussions and the member contribution for the hall rental fee was collected.

The meeting was adjourned at 9:30 pm.

Respectfully submitted, Pat Addonizio #54404 Secretary Central NJ NCRS

CORVETTE TRIVIA

By: Jack Brown

- 1. Early Corvettes had voltage requiators. When did they disappear and what replaced them?
- 2. What is a Wankel engine and what roil, if any, did it play in Corvette history?
- 3. Small block Corvette engines are usually classified in to generations but changes in design. When was the 350 cid engine introduced and when was it replaced?
- 4. When did the production oil cooler disappear from regular production Corvettes and why?
- 5. How many of the Corvette fuel injection systems can you name?
- 6. You see a 1961 or 1962 Corvette with factory "wide wheels" and "dog dish" hubcaps. Does this mean the car is equipped with the "big brake" option?
- 7. Which C4 Corvettes were delivered with overdrive transmissions?
- 8. Who owned and managed the most successful of the Corvette Challenge Series racing teams?
- 9. Callaway Engineering has developed some of the fastest after market Corvettes ever built. How many of these editions can you name?
- 10. When was the first 5mph bumper introduced onto a Corvette and of what was it made?

Some Images From The Florida Winter Regional













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Corvette Trivia Answers

- 1. Voltage regulators were separate components in early Corvettes most frequently mounted in the engine bay on the passenger side inside wheel well wall. They remained integral units through 1968 and in 1969 they were re-engineered into the alternator.
- 2. Felix Wankel, a German, developed the rotary internal combustion engine named after him. The engine operated on the principle of a reciprocating crankshaft within a stationary block through the use of combustion chambers that were triangularly shaped with curved sides. The engine was very light in weight, and much smaller than conventional comparable horsepower rated internal combustion engines. The first Subaru engines were Wankels but metallurgical problems with exhaust and oil seals could not be satisfactorily resolved to be put into production in the US. The Corvette was seriously considered as a platform for the revolutionary engine until the engineering issues could not be overcome.
- 3. The original 350 cid engine was introduced in 1969 and lasted until 1991. The 350 cid engine lasted 4 more years through 1996, however the LT1 in 1992 and subsequent LT4 and LS1 engines are a different design and fall into the next generation.
- 4. Engine oil coolers were used on C4 L98 engines up 1992 when the LT1 engine was introduced. Mobil 1 was installed in these engines at the factory and the synthetic qualities of the oil could accommodate higher oil temperatures with lubrication degradation allowing GM to eliminate the oil cooler.
- 5. The first fuel injection system was Rochester Ram Jet (1957-1965) which was a mechanical system. The next was Cross-Fire Injection (1982, 1984), then Tuned-Port Injection in 1985 followed by Multi-Port Fuel Injection and then Sequential Fuel Injection.
- 6. Not necessarily. The "big brake" option included "wide wheels" with "dogdish" hubcaps. However, a buyer could take option RPO 276, which was a no cost option, without having to order RPO 687 (big brakes).
- 7. All of them. An overdrive transmission is one in which at least one of its gear ratios are less than 1:1. The Doug Nash 4+3 manual transmission was a standard 4 speed with 3 overdrive gears. The ZF 6 sped introduced in 1989 has 2 overdrive gear ratios, 5th and 6th gears.
- Doug Rippie and his Rippie Racing Team. He has one of the most successful owner/managers of Corvette racing teams of all times.
- 9. Callaway Sledgehammer, Callaway Speedster, Callaway Supernatural, and the Callaway Twin Turbo.
- 10. The 5 mph bumper was first introduced on a Corvette in model year 1973. The front chrome bumper was replaced with a urethane plastic one. In 1974, the front and rear bumpers were both made of urethane.

CNJ CHAPTER MEMBER INFORMATION

NCRS #	Check DUES for	2015	2016	
NAME Member	SPOU	ISE/ Other		
ADDRESS				
CITY		STATE		ZIP
HOME PHONE				
CELL PHONE				
E-MAIL				
JUDGING INTEREST				
CORVETTE INFORMATION CHAI	NGES - YEAR, N	MODEL,	COLOR	
I hereby state that I am a mem bylaws.	ber in good standi	ng of NCRS, I	nc. and that I ag	ree to abide by the NCRS and CNJ Chapter
Signature		Date		

ITEMS FOR SALE/WANTED

Garage clean out! (4/2015)

70-72 air cleaner assm. Good condition \$150

63 dash (black) w/original pads,grab bar insert, no speaker grill. Great driver piece. Few vinyl issues around hinge pillar and console. Great driver piece. Make offer.

63 original heater & radio dash name plates. \$75

63 original hood alignment blocks w/bolts (no plastic wedges). \$75

63 gauge cluster, All gauges (untested) missing tach, speedo & odometer. \$300

67-69 tri power intakes. 400 & 435. no carbs.

All original clear glass from 40K conv. 12/65 build date. \$600

Turbo 400 from 20K mile 72 vette removed in '73. Comes with flywheel and converter. \$150

64 clock. Unrestored, unworking?, but complete. \$275

LH headlight motor w/end plates. Dated "63". Needs rebuild. \$125

RH headlamp motor w/end plates. Dated "11/66". Needs rebuild. \$125

More stuff on the way. If interested make arrangements with me to see part at

Monthly mtg.

Thanks. JWW1210@verizon.net or 732-367-4523 Leave msg.

1. A pair of !967 black leather seat covers in excellent condition. They are reproductions which I removed for judging (my

car is STD requiring vinyl, which I purchased from Al Knoch). The foams are not included as they should be replaced at this point -- no scratches, cuts, etc.). \$150 for the pair or best offer.

2. 2 15x6 rally wheels large DC in excellent condition. They have been blasted and painted for mounting. \$100 each.

Pictures are available, and I can bring them to a meeting. My e-mail is jdbardon@hotmail.com, and my cell is 973-216-5452 for response.

Make a Note to Attend the Delaware Valley Chapter's 35th Annual Run For The Ribbons October 11, 2015

DELAWARE VA	REGISTRATION FORM Pre-Registration Only, No Registration Day of Show! Ronald McDonald House Toy Drive: Please support by donating a new, unwrapped toy. Name					
RUN FOR THE RIBBONS October 11, 2015		City NCRS#	Chapter	State E-mail Phone Eve. ()	Zip	
	CORVETTE		Flight Judging Fee Sportsman Participa	@ \$75	\$	
315 Westtown Road • West Chester, PA 19382 (610) 696-7888 • Indoor Judging • Space Limited DIRECTIONS: http://www.countycorvette.com/direcprint.htm Ronald McDonald House Toy Drive • Charity Chapter Event! Please support this wonderful cause by donating a new, unwrapped toy.		Join Delawai	Judging Registration ve Valley Chapter Mem	n bership @ \$30	\$ No Charge \$ed \$	
From Pa. Turnpike: Exit #312 (Downingtown) - Rt. 100 South - Follow 4 miles - will turn into Rt. 202 South - Follow 2 miles to Westtown Road Exit - Right onto Westtown Road - Follow 1/2 mile to traffic light - After intersection, .1 mile on right		Year Please Note: 1963 a	VIN# und newer Corvettes must include all	numbers and characters from the Trin 1 Trim Code plus Body Number for 196	n Tag or Service Parts ID. Label	
From 1-95; Rt. 202 North - Follow thru Delaware (approx 10 miles) - Follow 202 North into PA- Follow signs for Rt. 202 North (Merge right, onto ramp) - After light look for sign for Westtown Road - Take Westtown Road of ramp - Left on Westtown Road - Follow 1/2 mile to traffic light - After intersection1 mile on right				Paint Cober Cove Co		
Meet Schedule Registration, Tech & Clean Up 6:30-8:15 am				olor Fab	<u> </u>	
Owners Meeting Judges Meeting	8:15 am 8:30 am	☐ Driver Insurance Co	n or III Trailered	Convertible You must enclose a cop	or Coupe y of your insurance card.	
Meet Information Tim & Elaine Raisner (215) 675-4299 DelValTER @aol.com	Judging Information Frank Stech (856) 665-1557 Days (856) 589-7544 Eves. FLSJR @aol.com		JUDGE & TABU	You must enclose a cop Expiration D LATOR REGISTRAT or Tabulator ce 2 nd Ch	<u> </u>	
	Information Holiday Inn Express 1310 Wilmington Pike (Rt. 202) West Chester, PA 19382 (610) 399-4600	to provide proof of such hold harmless NCRS, it damage or destruction abide by the NCRS Pol members, family memb	insurance to NCRS at time of registration s officers, directors, agents, employees, co of my property or injury to me or others or cy on Drugs and Alcohol (revised 2006). ers, guests, and vendors is prohibited while	I AGREE to insure my vehicle and property I. AGREE to assume risk of any and all da hapters and meet workers for any acts or o curring during, or as a consequence of this The use of drugs or alcohol by anyone atter le participating in any driving tests and/or ro	mages or injury and to indemnify and missions which may result in the theft, event, wherever located. I AGREE to ding an NCRS event including NCRS ad tours.	
, ,	,	Signature:		Dat	e:	
Send completed form, proof of insurance & non refundable remittance by September 25th to: DELAWARE VALLEY CHAPTER NCRS		Send o	Send completed form, proof of insurance & non refundable remittance by September 25th to:			
PO Box 2853 · Warminster · PA 18974			DELAWARE VALLEY CHAPTER NCRS PO Box 2853 · Warminster · PA 18974			

CHAPTER SPONSORS

We encourage all members to support our sponsors for all their Corvette needs, whether you want a new Corvette or a Classic Corvette.



