



## NEWSLETTER

January-February 2013



New Members Jim and Bev  
Voice's 2008/1959 Black/Grey  
Convertible





Jan-Feb 2013 A Newsletter for Corvette Enthusiasts 90 Members

[www.scottsdalecorvetteclub.com](http://www.scottsdalecorvetteclub.com)

Dorinne Dobson, Newsletter Editor  
[ddobson58@cox.net](mailto:ddobson58@cox.net)



*In this issue...*

***Trip to Titan Missile  
Museum/Kartchner  
Caverns, Toy Run,  
Holiday Party, Tech  
Corner, Nothing  
Named After Me,  
Remember When,  
Coming Events, And  
Much More...***



Meetings:

SCC meets the 2nd  
Wednesday of each month  
at 6:30 PM for a dinner  
meeting.

Meetings are held at:  
Gainey Ranch Golf Club,  
Ballroom C  
7600 Gainey Club Drive  
Scottsdale, AZ



Proudly sponsored by  
Van Chevrolet  
8585 E. Frank Lloyd  
Wright Blvd.  
Scottsdale, AZ 85260  
(480) 991-8300  
[www.vanchevrolet.com](http://www.vanchevrolet.com)

Table of Contents

Mission Statement & Board - Page 3  
Birthdays - Page 4  
Coming Events - Page 5  
New Cruisers - Page 6  
In Memory of Dick Gutherless - Page 7  
2013 SCC Board of Directors - Page 11  
From the Driver's Seat - Page 13  
Editor's Corner - Page 19  
2013 Calendar of Activities - Page 21  
Scottsdale Corvette Club Store - Page 25  
Trip to Titan Site & Kartchner Caverns - Page 27  
January Auto Auctions - Page 47  
Vetted TV, A Corvette Series - Page 51  
Toy Run & Holiday Party - Page 53  
Corvettes at the Rock - Page 75  
Tech Corner - Page 77  
Nothing Named After Me - Page 83  
Events in the Roadrunner Region - Page 98  
Remember When - Page 100





## Scottsdale Corvette Club Mission Statement

*To enhance the experience of Corvette ownership through the support system and fellowship of its members. This is achieved in an interactive social environment of monthly meetings, activities, road tours and a newsletter.*

*This forum invites the sharing of experiences, knowledge and fun, while creating an atmosphere that perpetuates the leadership position of America's only true sports car.*

*All that is asked of its members is professionalism, integrity, personal ethics, and a love of the Corvette.*

## 2013 Board of Directors

### President

Ken Harder (480) 585-3359 [kricharder51@cox.net](mailto:kricharder51@cox.net)

### Vice President and Secretary

Manny Siprut (480) 361-5706 [mannysip@aol.com](mailto:mannysip@aol.com)

### Treasurer

Mike Cassel (480) 563-2598 [mcassel@wickpilcherins.com](mailto:mcassel@wickpilcherins.com)

### Activities Director

Walter Juessen (480) 483-7886 [juessen@aol.com](mailto:juessen@aol.com)

### Governor

Steve Patricola (480) 636-1241 [spatric@cox.net](mailto:spatric@cox.net)

### Membership Director

Mark Bales (480) 471-7365 [wmbales@gorvw.net](mailto:wmbales@gorvw.net)

### Member-at-Large

Mike Lipsky 480-551-6478 - [mlipsky@cox.net](mailto:mlipsky@cox.net)

## SCC Birthdays!

[Contents](#) [Close](#)

[Print](#)

### January

Barb Hopkins - Jan. 13

Al Redford - Jan. 13

Lloyd Benner - Jan. 22

Phil Merrill - Jan. 25

Linda Beyerle - Jan. 31

Kathi Thomas - Jan. 31



### February

Tom Georgiou - Feb. 2

Sandra Hull - Feb. 3

Patrick Dennis - Feb. 10

Jim Dobson - Feb. 13

Deb Anton - Feb. 15

Lonnie Schaffroth - Feb. 17

John Barrett - Feb. 19

John Prenzno - Feb. 19

Christine Bidwell - Feb. 22



## Coming

Jan. 9 - **NO CLUB DINNER MEETING THIS MONTH!**  
 Jan. 16 - Vette Vixens Dinner-Men's Poker Night  
 Jan. 23 - Board Meeting  
 Jan. 26 - Tour of Mystery Castle/Lunch at Wild Horse Pass

Feb. 13 - Club Dinner Meeting  
 Feb. 20 - Vette Vixens Dinner - Men's Poker Night  
 Feb. 23 - Mystery Trip  
 Feb. 27 - Board Meeting

Mar. 13 - Club Dinner Meeting  
 Mar. 16 - Quarterly Ethnic Dinner  
 Mar. 20 - Vette Vixens Dinner/Men's Poker Night  
 Mar. 22-24 - Trip to Canyon de Chelly via Payson/Globe  
 Mar. 27 - Board Meeting

Apr. 7 - Copperstate 1000 and Lunch  
 Apr. 10 - Club Dinner Meeting  
 Apr. 17 - Vette Vixens Dinner/Men's Poker Night  
 Apr. 24 - Board Meeting  
 Apr. 27 - Party at the Dobson's in Wickenburg

We have included the Board Meeting dates in case you have a topic you would like the Board to discuss. Just let us know prior to any of the Board Meetings.



## *New Cruisers*

*Welcome to New Members Jim and Bev Voice, whose beautiful 2008/1959 Black/Grey Convertible is featured on the cover of this issue! This new/old Vette is a first for SCC!*

*Welcome to New Members Foster and Kathi Thomas and their 1962 White Convertible . \**

*Welcome to New Member Brenda Brandt, friend of John Prenzno, and her 2004 Limited Edition LeMans Blue Coupe. \**

*Welcome to New Member Barb Hopkins, bride of Ken Hopkins.*

*\* We hope to have photos of the Thomas and Brandt Vettes for the next issue.*

## **WELCOME TO SCOTTSDALE CORVETTE CLUB!**



## In Memory of Dick Gutherless

This issue of the Scottsdale Corvette Club Newsletter is dedicated to the memory of Dick Gutherless, who died on December 31, 2012. Dick had been struggling with health issues for some time, and on November 30 was diagnosed with brain cancer. He and his wife, Linda, were long time members of SCC, having joined the Club in June of 2000, a little less than a year after the Club was re-organized and incorporated in August of 1999. Their yellow with black top 1994 Corvette convertible with vanity license plate



Linda and Dick in the spring of 2007

"BMBLBEE" was well known at Club events. Dick's health issues forced the sale of the Bumblebee in 2011, when they gave up their Club membership.

Dick was a long-time car club devotee, having belonged to another Valley Corvette club prior to joining SCC, and maintaining a membership in the local Miata club, along with membership in SCCA, for many years. Dick loved car shows and participated in many Valley car shows, as well as our own SCC car shows at Van Chevrolet (back in the day). He was knowledgeable about judging car shows, and was a big asset to the Club when we were conducting those car shows. He taught many of our members the in's and out's of car show judging techniques.

The memorial service will be private. On behalf of all SCC members, we extend our condolences and best wishes to Linda Gutherless.



Here's Dick after winning an award at the last SCC car show in 2005



Another shot of the Bumblebee and Dick at the Promenade car show in 2006





## YOUR 2013 SCOTTSDALE CORVETTE CLUB BOARD OF DIRECTORS



Mark



Mike C.



Ken



Walter



Mike Lipsky, New  
Board Member for  
2013



Steve



Manny

## FROM THE DRIVER'S SEAT

By Ken Harder

What a great finish to 2012!!! We had eleven cars for our November Kartchner Caverns/Titan Missile Museum event, and we had 51 members/guests join us for our November monthly meeting to hear Gary Bennett, Vice President of Consignment for Barrett-Jackson, talk about the upcoming Scottsdale Car Show January 13-20, 2013. All the members in attendance that evening will receive passes to the event! And on December 8, 2012, 66 members joined in on our Annual Toy Run and Holiday Party which was held at the Gainey Ranch Estate Club. Another big thank you to Walter & Michelle (and to DJ Mark & Kathy) for putting together a great day of fun, food and entertainment. Members brought gifts for the Toys for Tots campaign which was held at our Club sponsor, Van Chevrolet, with the

Club also donating boy's and girl's bicycles. From there, we headed to the Estate Club where wonderful food, a wide variety of adult beverages, and great music were enjoyed by all. The weather also cooperated, and folks had the option of either sitting inside or outdoors. This was our first year at this venue, and based upon the favorable comments received from our members, we will plan next year's event at the same location.

Walter has done another outstanding job as our Activities Director in 2012 and has won-



Ken and Fran



## From the Driver's Seat

derful events scheduled for 2013, including a variety of day trips, longer trips with overnight or weekend stays, and a number of Special Dinners. As you know, in January we will go to the Mystery Castle on January 26; and on February 23, we have a special "MYSTERY TRIP" (which means ONLY Walter knows what we are doing---I think!). Just a reminder, there will be NO MONTHLY MEETING in January, but we will meet on February 13 at Van Chevrolet with a special surprise speaker! Vette Vixens and Men's Poker return on January 16 and February 20, so we hope to see you at one or more of these events.

Mark tells me that we currently have 90 members in our Club, with six new additions including Barb Hopkins (congrats to Ken and Barb on their recent wedding), Brenda Brandt, Jim and Bev Voice, and Foster & Kathi Thomas. A warm welcome to all of you! They all attended the Holiday Party, but if

you didn't get a chance to meet them, please introduce yourself and say hi at our next meeting. Mark also says we may have more members join after the year end, so he will again be busy in the New Year.

Mike Cassel has managed our Club finances quite well, as we were slightly profitable for the year and have over \$6000 in the Bank. The Club has no debt and all bills have been paid.

Steve Patricola has been active as our Governor, attending Roadrunner Region and NCCC meetings and sharing information with other Clubs. He stays abreast of potential By-Law changes, insurance and other NCCC pending actions, but since we are not a "performance" club, there is usually not a large number of issues which affect our Club.

At our November meeting, members voted for four directors whose terms will expire at the end of 2014. Manny Siprut, Mark Bales



## From the Driver's Seat

and Mike Cassel were all re-elected, and Mike Lipsky was added as Member-at-Large. In December, the Board decided to re-elect all officers to their same positions. Ken Harder will remain as President, Manny Siprut will be Vice President and Secretary, Mike Cassel will be Treasurer, Mark Bales will remain Membership Chairman with assistance from Mike Lipsky, Steve Patricola will remain Governor, and Walter Juessen will again be our Activities Director (par excellence!). Other significant contributors to our Club include Dorinne Dobson, who is our Editor and Architect of the SCC Newsletter; Terri Patricola and JoAnn Taylor-Rice will again spearhead our Vette Vixen's get-togethers, with Carol Lipsky now assisting as well; and Fran Harder will continue to work with Gainey Ranch on our monthly meeting menus. I want to thank each of them for their many contributions this year and their commitment to the Club in

2013. They are a great group of people and it is an honor and pleasure to work with them.

Your Board of Directors is always interested in your thoughts, ideas, and suggestions for Activities, Events, and additional ways to further improve our Club. Thanks to everyone for your continued interest and for your participation in our Club.

Let's have even MORE FUN IN 2013!!!!

Ken







## Editor's Corner

Happy New Year, everyone! I hope you all enjoyed the holidays. If you're like me, you're glad they're over.

We have another great group of new members. While Foster and Kathi Thomas wanted to have a photo of their car to feature, we didn't quite manage it, but you can get a couple of glimpses of it in the story on the Toy Run and Holiday Party on pages 53 - 55. It's the white 1962 convertible.

You all are in for a real treat in this issue. Not only do we have a technical article by Steve Patricola, plus a technical article from the past by Mark Bales in the Remember When section, but... (drum roll please)... we have a real life river rafting experience as told by Larry Bloom that I'm sure you are going to enjoy reading.

[Contents](#) [Close](#)

Thanks to Terry Patricola for another superb job of reporting on the trip to the Titan Missile Museum and Kartchner Caverns. Not to mention, ongoing thanks to Mark Bales for his photographs, ideas and inspirations in making this newsletter interesting to you, the members, every issue.

It looks like Walter has put together another great calendar for 2013, so we can look forward to lots of fun times driving our Corvettes and partying together.

Until the next issue, save the wave!

Dorinne



**SCC MEN!  
SAVE THE DATE!  
THIRD WEDNESDAY  
EACH MONTH!  
POKER NIGHT FOR  
SCC MEN!  
WATCH YOUR EMAIL  
FOR DETAILS!**



# CLUB TRIPS/ACTIVITIES FOR 2013

Courtesy of Walter Juessen, Activities Director



**January 26**

Tour of Mystery Castle &  
Lunch at Wild Horse Pass

**February 23**

Mystery Trip



**March 22-24**

Trip to Canyon de  
Chelly via Payson/Globe

**April 27**

Party at Dobsons'  
Home in Wickenburg



**May 16-19**

Trip to Los Alamos  
& Santa Fe

**June 16**

Lunch at Kohl's Ranch,  
Return to Valley via I-17





## CLUB TRIPS/ACTIVITIES FOR 2013 - Continued

July

**NO ACTIVITIES!**



August 14-19

Trip to Laguna Seca Race -  
Corvette Is the Marque

September 27-28

Historic Prescott Corvette  
Show



October 10-13

Trip to Moab, UT &  
Monument Valley

November 16

Trip to Tubac &  
Tumacacori



December 7

Toy Run to Van Chevrolet  
and Holiday Party



## Welcome to the Scottsdale Corvette Club Store

### The Scottsdale Corvette On-line Store Is Now Open For Business!!

<http://ScottsdaleCorvetteClub.ClubStore.US.com>

Check out the site! Along with Men's and Women's apparel, you will find accessories ranging from blankets to duffel bags. All available with the club logo. In addition you will find a Racing Legends Store, Track Store and Books and DVD's. (logo not available)

When you order, you will be asked to register. It is safe, secure and spam free. **Note: there is a box for membership number, but you can leave it blank.** Keep in mind that Firefox does not inventory our apparel, it's all made to order. The time from order to ship will be longer than the usual web clothing suppliers. Expect 10 work days, give or take.

We are offering the store as a service to our members. The prices are set as low as possible. The Club doesn't make a profit from the sale of products with the SCC logo. The benefits are the ability to offer a wider range in product and pricing opportunities, ability for club members to order whenever they want, and the savings for the club by eliminating the need to inventory apparel. So, check it out!

If you have any questions, or feedback, please let Mark Bales know.



## ***TRIP TO TITAN MISSILE MUSEUM & KARTCHNER CAVERNS***

***November 11 & 12, 2012***





***Story by Terry Patricola***

***Photos by Mark Bales, Linda Beyerle & Patrick Dennis***

*We had an extraordinary caravan of Vettes. 10 for the entire trip and 2 more for part of the way. As always, our Tour Director Extraordinaire, Walter, continues to outdo himself.*

*Saturday morning's departure was uneventful, and we proceeded to lunch at El Charro Café in Sahuarita, just a few miles from the Missile Museum. Mexican food was nicely prepared and fresh.*





*Trip to Titan Missile Museum & Kartchner Caverns*



*Joe, Evelyn, Linda & Patrick at Lunch*

*After a brief Siesta, we proceeded to the Titan Missile Museum for an entertaining and enlightening afternoon of knowledge about the Cold War preparation for the prevention of a Doomsday occurrence.*

*12 hour shifts of men commanded the missile site in those days. Today this last inactive missile site has been preserved as a museum site which I believe is to remind us all of the strength the U.S. had with world dominance.*

*It was quite amazing to see the command center and explanations of how it functioned without COMPUTERS!!!*



*The Titan Missile Museum*



*Above, Waiting for the Tour to Start; Below, the Control Room*





*Trip to Titan Missile Museum & Kartchner Caverns*



*Awaiting the Launch*



*Tunnel to Silo*



*Commander Carol*



*Titan Missile with War Head*





*Mike and Walter*



*Patrick and Steve*

*After the tour we proceeded to a new hotel, Desert Rose Inn in Benson, AZ.*

*Except for a brief mishap at the hotel clerk's hand, the Patricolas and Juessens may have shared a room. No nobody is talking... More to this story, but what happens on the road, stays on the road if I tell the story. LOL!*

*So...After a brief Happy Hour with Baklava we were off to dine at Pablo's Steak House.*

*Trip to Titan Missile Museum & Kartchner Caverns*



*HAPPY HOUR!*





*Upper left, one last happy hour photo  
Upper right and below, everyone is  
enjoying dinner*



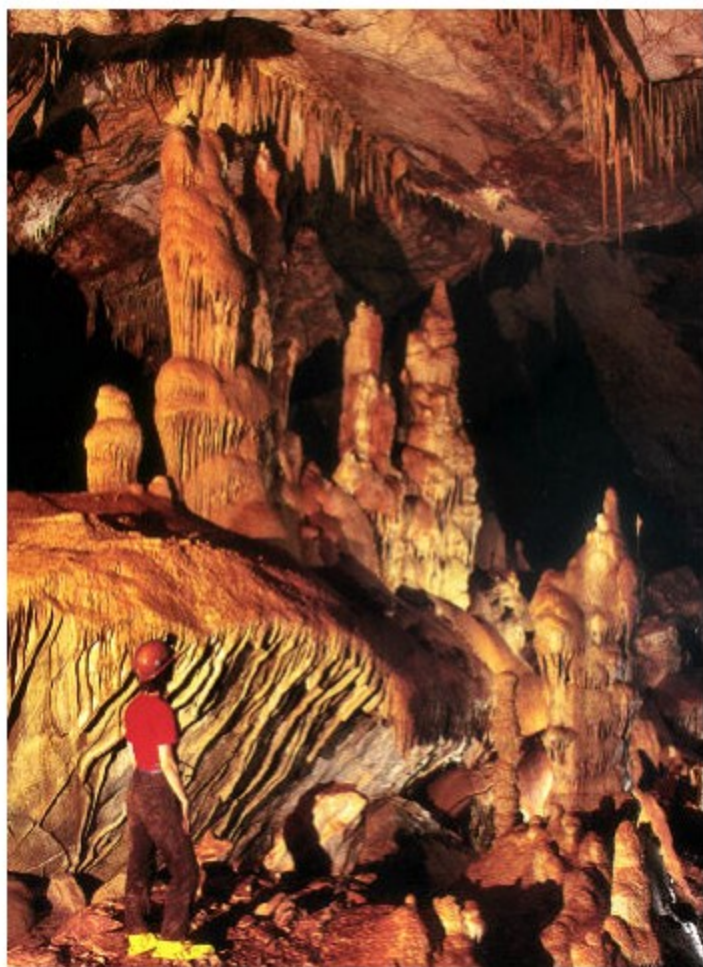


*More of the group at dinner*

*The next morning, up bright and early, the first group of 6 people proceeded to the Kartchner Caverns to experience a stunning limestone cave in Southeastern Arizona. This "live" cave, discovered in 1974, is host to a wide variety of unique minerals and formations. Water percolates from the surface and calcite formations grow, including stalactites dripping down like icicles and giant stalagmites reaching up from the ground. In addition to the Discovery Center, there is a museum exhibit, a large gift shop, regional displays, theater, and educational information about the caverns and the surrounding landscape. There are also campgrounds, hiking trails, lockers, shaded picnic areas, a deli, an amphitheater, and a hummingbird garden.*

*We were extremely fortunate to tour the Big Room, opened only from October thru April. Why you ask is it only open then? Bats come and prepare to give birth during that time, and the habitat is left to be undisturbed by humans and support devices.*





*Inside the Caverns*



*A giant stalactite in Kartchner Caverns*

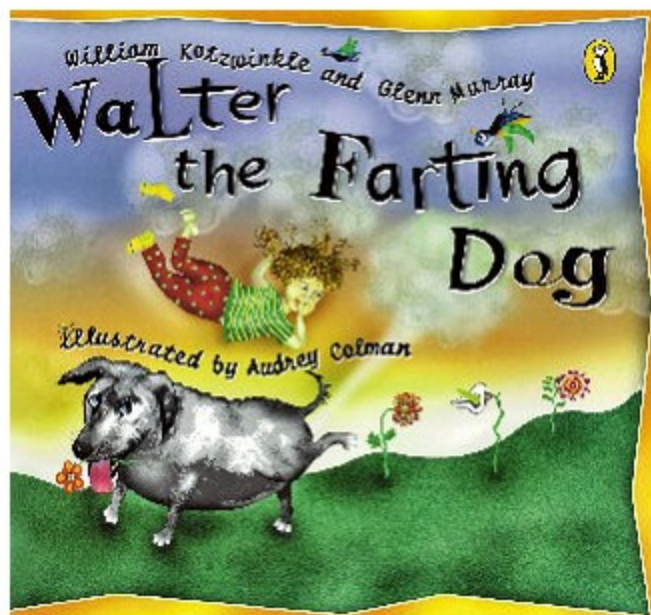
*After our tour the second group of 18 met up with us to chat about their experiences on their tour and lunch at The Steak Out Restaurant in Sonoita about 1 hour from the Caverns was quite good.*

*We proceeded home and some on to other venues.*

*Thank you one and all for attending this wonderful SCC event.*

*Terry*

Editor's Note: Mark Bales tells me that Barb Hopkins found the book pictured below in the gift shop. Mark bought the book, and the group presented it to Walter for leading the trip.



**DON'T FORGET THE  
MEMBERS' DRAWING AT THE  
MONTHLY DINNER MEETINGS!**

**MICHELE JUESSEN WON THE  
GRAND SUM OF \$125 AT THE  
NOVEMBER MEETING! WE'RE  
STARTING OVER AT \$25 FOR  
THE FEBRUARY MEETING. BE  
SURE TO BE THERE. YOU  
MIGHT BE THE LUCKY  
WINNER!**



## **JANUARY AUTO AUCTIONS IN THE PHOENIX AREA**



Barrett-Jackson - January 13-20, 2013  
Westworld of Scottsdale  
<http://www.barrett-jackson.com/>



Bonhams 1793 - Thursday, January 18, 2013  
Westin Kierland Resort, Scottsdale  
<http://www.bonhams.com/auctions/20582/>



## **GOODING & COMPANY THE SCOTTSDALE AUCTION**

Gooding & Company - January 18-19  
Scottsdale Fashion Square - NE corner E.  
Camelback Rd and N. 68th Street  
[www.goodingco.com/all\\_auctions/event\\_infor  
mation/scottsdale](http://www.goodingco.com/all_auctions/event_information/scottsdale)

## January Auto Auctions



RM Auctions - January 18, 2013  
 Arizona Biltmore Resort  
<http://rmauctions.com/>



Russo and Steele - January 16-20, 2013  
 Scottsdale Road & Loop 101  
<http://russoandsteele.com/>



Silver Auction - January 18-19  
 Fort McDowell  
<http://silverauctions.com/>

## SAVE THE DATE!

### FIRST SATURDAY EVERY MONTH!

*Impromptu Car Show at Coffee  
 Bean & Tea Leaf at Gainey Ranch  
 Shops,  
 8877 North Scottsdale Road*

*All kinds of exotic cars in the  
 parking lot for a drive-up car show.  
 In the summer the cars arrive fairly  
 early in the morning - 8:00 or  
 earlier. In the cooler months at  
 9:00.*

### SEE YOU THERE ON FEB. 2?





## VETTED TV A Corvette Series



Check out this link from Mark Bales on a new television show devoted to Corvettes, starting in January, on the SPEED Channel: [www.youtube.com/watch?v=LcwrDtJXnSs&feature=youtu.be](http://www.youtube.com/watch?v=LcwrDtJXnSs&feature=youtu.be) This is a 3 minute Sizzle Reel giving a "First Look" at what the TV show will cover. It's all about Corvettes, old and new, the history, the future, and all Vette lovers in between. The show will visit the Plant in Bowling Green and the National

[Contents](#) [Close](#)

Corvette Museum. They'll talk with famous Corvette owners and visit many Corvette Clubs. They will take you to Corvette Racing and Driving Schools. There will be celebrity guests along with the two Hosts, Drew Waters and Jeff Hammond. This show will begin broadcast in January 2013 on the SPEED Channel and will be shown twice each week, once for East Coast Prime Time and then again for West Coast Prime Time. Stay connected with the show on Facebook to find out the latest news. <http://www.facebook.com/#!/groups/34265326582>



# A PICTORIAL ESSAY OF THE 2012 TOY RUN TO VAN CHEVROLET AND HOLIDAY PARTY AT THE GAINES RANCH ESTATE CLUB

PHOTOS BY MARK BALES  
AND EVELYN NIGHTINGALE







Our "big" group - 66 in attendance! - after dropping the toys at Van Chevrolet, with the two Marines who came to collect the toys  
Click on the hood of the red Vette to see a larger View







Above, JoAnn, John, Cheri and Lloyd with his "animal" Christmas headgear, at Van's with the donated toys in the background; at left, Linda, Barb and Ken







This was the beautiful setting for our holiday party, at the Gainey Ranch Estate Club



At left, Linda; at right, Dick



## Toy Run & Holiday Party

[Contents](#) [Close](#)



At left, top, waiting in line for the food;  
middle, Fran and Ken;  
bottom, Mike and Carol  
Above, top, Brian and Deb  
middle, Terry and Steve (cutting up in  
Terri's scarf!)





Larry and Krysha



Rollie and Lyn



Lloyd and Cheri



Jack and Jan



Sandra and Friend

## Toy Run & Holiday Party

[Contents](#)[Close](#)

Michele and Jane



Kathy and Linda



Karla and Dawn



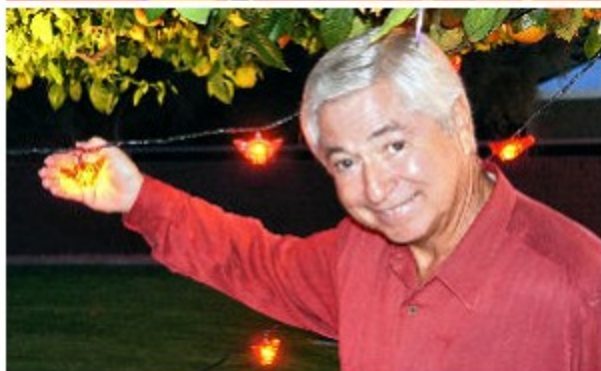
John and Brenda



Christina and Tom



## Toy Run & Holiday Party



At left, top, Sue and Sandi; middle, Evelyn and Joe; bottom, Manny with Corvette lights  
Above, top, Dorinne, JoAnn and Richard;  
bottom, Mark and Debbie

[Contents](#) [Close](#)

## Toy Run & Holiday Party

[Contents](#) [Close](#)



At left, top, Mark the DJ and his set-up; bottom, Carol and Bob dancing; Above, Dawn and Manny dancing; bottom, Jim, Dick, Mike and Manny





11-28-12 DETROIT - Chevrolet and Sony Computer Entertainment America, LLC are giving gamers a first-of-its-kind driving experience by offering a camouflaged Corvette C7 Test Prototype as a vehicle download in the critically acclaimed PlayStation3™ racing game Gran Turismo®5.

Chevrolet and Polyphony Digital Inc., the developers of the award-winning Gran Turismo® franchise, collaborated to provide an authentic driving experience in a seventh-generation Corvette prototype currently available to only a handful of people in the world.

During the creation of the virtual Corvette prototype, careful attention was paid to the tiniest details from the creases and wrinkles in the soft camouflage used to disguise the new design to specific driving characteristics that are currently being tuned and refined ahead of the vehicle's official debut in January.

Contents Close



***SCC WOMEN!  
SAVE THE DATE!***

***THE THIRD WEDNESDAY OF  
EACH MONTH THE VETTE VIXENS MEET  
FOR COCKTAILS AND DINNER  
DRIVE YOUR VETTE OR NOT  
WATCH YOUR EMAIL FOR  
DETAILS ON THE NEXT DINNER ON  
JAN. 16.  
HOPE TO SEE YOU THERE!***



WHERE ARE YOU GOING ON  
SATURDAY, FEBRUARY 23RD?

IF YOU'RE PARTAKING IN SCC'S  
MYSTERY TOUR ON THAT DATE,  
YOU WON'T KNOW WHERE YOU  
ARE GOING TILL YOU GET THERE!

This is a trip you won't want to  
miss. It promises to be  
entertaining... and mysterious...

WATCH YOUR EMAIL FOR  
DETAILS!  
HOPE TO SEE YOU THERE!

Thank You,  
Thank You,

*A great big THANK YOU to all who  
contributed articles, photographs and/ or  
other items of interest to this issue of the  
Newsletter! They are:*

*Mark Bales  
Linda Beyerle  
Larry and Cheryl Bloom  
Patrick Dennis  
Jim Dobson  
Ken Harder  
Walter Juessen  
Evelyn Nightingale  
Steve and Terry Patricola  
Rollie Trayte*



## SECOND ANNUAL "CORVETTES AT THE ROCK"



### **Prescott Vette Sette Corvette Club...**

Hosts of the "Historic Prescott Corvette Car Show" is inviting all Arizona Corvette owners and Corvette Clubs to this 2nd annual winter event at Black Canyon City on Sunday, February 17th. The venue is at Rock Springs Café where there will be "50's and 60's" music playing on the outside patio under two huge Ramadas. Free drawings for the world famous "Pie Give-aways" and free raffle prizes galore!

**DATE:** Sunday, February 17, 2012

**PLACE:** Rock Springs Café in Black Canyon City

**MENU:** ALL YOU CAN EAT - BBQ Sandwich - Cowboy Beans - Coleslaw - Soft drinks There will be a full cash bar for alcoholic beverages

**PRICE:** \$15 per person

**TIME:** 11am until 5pm

**RSVP IS REQUIRED.**

Website info is at

[www.prescottvettesette.org/](http://www.prescottvettesette.org/)

For info and RSVP, contact David Weinroth at [weinroth@cablone.net](mailto:weinroth@cablone.net) or 928-710-1526.



By Steve Patricola

Well, 2013 is here and the C7 is just around the corner so I wanted to provide some insights into the C7 LT1 engine.

You may not be aware but "the General" has produced three different engines called **LT1**:

- 1970-1972 [LT-1](#) - Chevrolet Generation I Small-Block
- 1992-1997 [LT1](#) - GM Generation II Small-Block
- 2013 - ?

Most will remember "Generation 2" [LT](#) (Gen 1 was original small block) and the 2I was introduced between 1970 -1972. Briefly, the original LT1 used solid lifters, 11:1 compression, the '178' high-performance camshaft, and a 780 CFM Holley four-barrel carburetor on a special aluminum intake, with rams' horn ex-

haust manifolds, Delco transistor ignition and a low-restriction exhaust factory rated at 370 bhp in the Corvette.

Fast forward to 2013 new LT1 is a Gen 5 evolution using more than 10 million hours of computational analysis. New features include:

**Direct injection** is used to precisely control the mixture motion and fuel injection spray pattern. Direct injection also keeps the combustion chamber cooler, which allows for a higher compression ratio. Emissions are also reduced, particularly cold-start hydrocarbon emissions, which are cut by about 25 percent.

**Active Fuel Management (AFM)** - not a fan of this feature - helps save fuel by imperceptibly shutting down half of the engine's cylinders in light-load driving.

**Continuously variable valve timing** uses a "vane-type" phaser at the front of the cam shaft which adjusts timing on



## Tech Corner

the fly. Essentially it is a dual-equal-cam-phasing system that adjusts cam timing at the same rate for intake and exhaust. What this means is that the power curve (torque) is linear, meaning it delivers optimization over a broad RPM range.

**New: cylinder head design, sculpted piston** (optimized to precisely direct the fuel spray for a more complete combustion) **and combustion chambers** (designed to complement the volume of the unique topography of the piston heads). The smaller chamber size and sculpted pistons produce an 11.5:1 compression ratio, while the head features large, straight and rectangular intake ports with a slight twist to enhance mixture motion. Indeed, the **Intake and Exhaust valve** design reverses intake and exhaust valves and an all "new" manifold design to support this change which enables a straighter air flow path and thus better fuel/air mixture and combustion. Finally, spark plug angle and depth have been revised

to protrude farther into the chamber, placing the electrode closer to the center of the combustion to support optimal combustion.

**Engine Block** is 319 precision cast aluminum with cast-in-place liners, but the liner has aluminum over the top, so the head gasket doesn't contact the steel. The crankcase is optimized and the water jacket is modified to accommodate the new head bolts. The crankshaft is steel forged of 1538 MV steel, induction hardened journals with intermediate pin drills. The bearings are polymer with upper grooves narrower than Gen 4 for increased bearing area/oil films.

**The result of all this**, according to Chevy, is a naturally aspirated engine comparable to some of the top turbo engines on the market. To compare, the BMW 4.4-liter twin-turbo V-8 produces 400 horsepower and 450 lb-ft of torque while weighing 503 pounds and standing 29.6 inches high.



## Tech Corner

*Conversely, the new LT1 puts down its estimated 450 horsepower and 450 lb-ft of torque while weighing only 465 pounds and standing just 25.3 inches tall. This translates into a lighter nose, more power to the rear and an extremely compact size, allowing a lower hood line and better visibility than the C6.*

*Steve Patricola*

Editor's Note: Here are Mark Bales' comments on the Active Fuel Management system mentioned in Steve's article above:

Lots of knocks against the AFM system on corvetteforum.com. We've had the same thing on our 2005 and 2011 Jeep Hemi's. All Chrysler Hemi's have had AFM since 2005, and added it to the SRT version in 2012. Chrysler calls it "Cylinder De-activation." We've never had any problems, and have never heard of any reported. If it wasn't for a little light on the instrument cluster, you can't even tell when it's engaged. With 370 HP, and weighing much more than a Corvette, current Jeep can hit 23 MPG on the highway. We average 18.5 MPG. We all drive

our Corvettes differently than the family hauler, so I would guess the Corvette AFM will rarely kick in unless steady cruising on the Interstate. Having said that, I've read GM has had AFM on their pick-ups for a few years, and some owners have had issues. Maybe AFM works differently than Chrysler's version.

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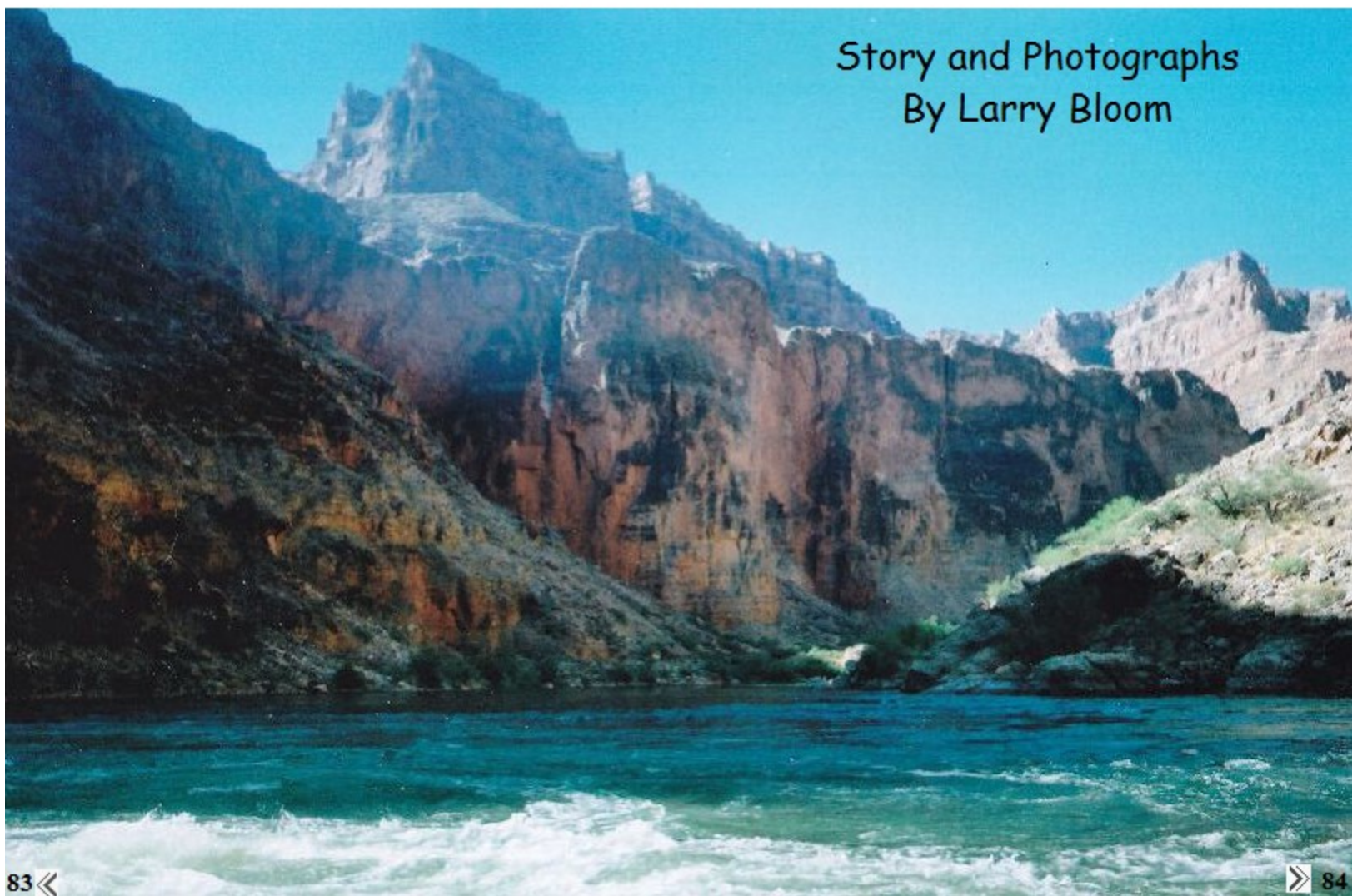
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# NOTHING NAMED AFTER ME

Story and Photographs  
By Larry Bloom





## Nothing Named After Me

In 1869, Ulysses S. Grant was President and the Union Pacific and Central Pacific Railroads met in Promontory Point, Utah, uniting the Atlantic and Pacific Oceans. It was also the year that John Wesley Powell led the first expedition "down the great unknown," the Colorado River, through the Grand Canyon - a great saga of the American West. To some historians it is described as the Holy Grail of Western Exploration, comparable to the Lewis and Clark Expedition six decades earlier.

On June 15th, 2012, I began a journey full of natural beauty, physical challenge, and the forces of wind and water. At the end of a week the balance of land preservation and forces pushing for economic development became more evident to me. I had been to the Grand Canyon several times but never descended its walls. This was to be a chance to experience one of the most

lar natural wonders of the world.

Our 35-foot rafts holding 14 people each (4 crew and 24 adventurers) departed from Lee's Ferry at Marble Canyon, Arizona, after a safety and procedures meeting. We passed under the Navajo Bridge which was 450 to 500 feet above us. The sign said "NO JUMPING ALLOWED." We would return to this place 7 days and 6 nights later.



35-Foot River Rafts



## Nothing Named After Me

At this point the river was gentle and allowed us an introduction to the raft and river life. It was already hot. The temperature would be in the 110's during the day, cooling off to the 100's at night, usually with a hot wind. Meals were freshly prepared and were visually pleasing, healthy and very tasty. We were reminded again about sanitary procedures and environmental preservation, picking up even the smallest morsel of food, known as "micro-trash." There are no garbage cans, potable water sources or toilet facilities in the Canyon. **DON'T BRING YOUR CELL PHONE!!**

Personal hygiene and bathing was quite an experience as the water was 50 degrees throughout the trip. Before sunrise about 5 a.m. we needed to get cleaned up, eat, pack up and break camp. Imagine how fast you wake up in that water! We departed by 6:30 a.m. wearing full rain suits as the sun has not yet risen above the Canyon walls and



Smooth water and high Canyon walls

and the splashing water is chilling despite the air temperature.

On the raft, seating is perpendicular and your feet are always wet. Water sandals and a wide-brimmed hat are a must. By noon, after starting to bake in our rain gear, it is packed away into a waterproof day bag. The small rapids offered relief from the scorching sun and hot wind. I used



## Nothing Named After Me

a lot of SPF 30 (3 coats =90)! By the end of the second day, I was looking and feeling exhausted. I was asked how long I had been camping out. I replied that if I survived tonight---2 days! The next day I was really into the beauty of the Canyon, and the great rapids began. By the end of the 187-mile journey, we had gone through over 30 rapids - 4 or 5 were extreme (rated 8-10). It was a wild and wet time. WHAT A RUSH!!



Here's some rough water

The guides were historians, geologists, cooks, and just plain fun. They said many of the canyons and foaming rapids were named after someone who had perished along the way. My goal was to have nothing named after me such as "BLOOM FALLS."

Each day there were hikes in the morning and afternoon. This was a chance to experience what the Canyon is all about. For me it was thrilling - precarious slopes, narrow rock ledges, an obstacle course sometimes requiring me to crawl on hands and knees. I was by far the oldest person, and it was like "Outward Bound" for seniors. One of the best hikes was to the confluence of the Little Colorado and the Colorado Rivers. We shot the warm, aquamarine rapids wearing life jackets dodging the huge boulders. Other hikes took us to raging waterfalls, grottos and cascading pools. I also stood in a magnificent rainbow. Awesome!



## Nothing Named After Me



Our luxurious sleeping accommodations

Wildlife along the way included big horn sheep, bats, lizards, blue herons and a docile Grand Canyon rattlesnake. No bugs!

For an encore, we disembarked several days later from a remote spot called Whitmore Wash and then helicoptered to the Bar 10 Ranch 30 minutes away, out in the middle of nowhere. The views as the helicopter rose to the top of the Canyon were indescribable. At the Bar 10 we had our first opportunity to take a long, hot shower and clean up. From there we flew on a small plane back to Marble Canyon, Ari-



Our luxurious sleeping accommodations





Here's Larry getting ready to board the helicopter





Another spectacular view of the Canyon

zona, near Page. For me it was truly the adventure of a lifetime. As an aside our son, Todd, had done the trip in a one-person kayak, covering 220 miles to Lake Mead in 16 days, but he was only 29 years old.

## EVENTS OF INTEREST IN THE ROADRUNNER REGION

**February 10, 2013**

Desert Corvette Association  
20th Annual Sweetheart All Chevy Show  
People's Choice Car Show, Corvette Concours  
Chapman Chevrolet, Tempe  
Contact Gil Fidler, 602-329-9313,  
[gefidler@cox.net](mailto:gefidler@cox.net)  
See flyer at [www.vette.org/SHCS.html](http://www.vette.org/SHCS.html)

### Nothing Named After Me

If any of you have thought of taking this journey, my advice is - DO IT NOW! The memories will last forever. I reached my goal. If you do ride the Colorado through the Grand Canyon, you will see no falls, rocks or rapids named after me!

Thanks for letting me tell my story.

Larry Bloom



The wondrous Grand Canyon



2013 Corvette 427 Convertible





## SCC's JANUARY EVENT SATURDAY, JANUARY 26

A TOUR OF THE MYSTERY CASTLE IN  
PHOENIX, FOLLOWED BY LUNCH AT  
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CONTACT WALTER AT  
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GO. **HE NEEDS TO KNOW BY JAN. 19!**



Contents Close

*Here's an article Mark Bales wrote for the March/April 2003 Newsletter regarding the future/possible C6. Since this issue of our Newsletter is being distributed prior to the C7 debut at the Detroit Auto Show, Mark thought this flashback would be interesting for you to read. The following includes the original 2003 article, with Mark's added perspective ten years later.*

### ***There Will Be a 2005 C6!***

The most recent issue of AutoWeek announced that the C6 will debut at the Detroit Auto Show, next January. More interesting, the April issue of Motor Trend pictured, on the cover, their rendition

**Remember When....**

tion of the new Vette. They admit that it may not be perfect, but they feel its close. If you don't subscribe to Motor Trend, I've included some of the highlights.



Photo of Motor Trend's April 2003  
Prediction of the C6

(Per Motor Trend...) The new car will launch with a 425 HP, 350 c.i. engine. A year later, the Z06 version will be introduced with 500 HP. The engines will have greater low-end torque, and a smoother idle.

Transmission choices include the six-speed manual, or a high-torque capacity six-speed automatic. The auto will include column-mounted paddle-shifters.

The body will be composed of sophisticated thermoset and thermoplastic panels, with exceptionally high surface quality and fit. Looking to approximate the 3-millimeter gaps of the best steel-bodied cars.

The interior will be brought to \$50,000 car standards, with tastefully executed bright work, higher grades of leather, and possibly a touch of wood. The gauges will be large analog dials, with a hint of retro. Seats will heat and cool.

Suspension damping handled by the magneto-rheological shocks, and will include the StabiliTrak active handling system used in the XLR.



Photo of Motor Trend's April 2003  
Prediction of the C6



**Remember When....**

The C6's Brembo braking will consist of massive vented discs, augmented by traction control and a new antilock system.

Motor Trend's rendition has its good and bad points, and I would doubt that coupe hatch makes it to market (lack of rear visibility).

However, if the performance data is correct...

**Wow!!!**

We'll find out, in about 10 months...

**Move forward 9 years and 10 months later,  
and what Really happened!**

The C6 didn't come even close to the Motor Trend rendering. The final styling was a step up from the C5, and thank goodness didn't look anything like the monstrosity from Motor Trend!

C6 launched with a 400 HP motor. Right on the Z06 HP.

The 6-speed auto didn't show until year two of the C6.

The "high surface quality and fit" better than the C5, but still issues.

The interior wasn't brought up to \$50,000 car standards. C6 interior quality still a sticking point with Corvette enthusiasts, even through its final run for 2013. The seats did heat, but they still don't cool.

Brembo brakes didn't show until the ZR1.

C6 ended up being a great car, and in so many other ways, much better than these early predictions, including those where it still falls a little short. Typical of any development cycle, GM made significant improvements impossible to predict in 2003. Before we pass judgment on the upcoming C7, remember how wrong people were, ten years ago, about the C6!

Mark Bales

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