Golden Gate NUGGET
OFFICIAL PUBLICATION OF THE GOLDEN GATE REGION OF THE PORSCHE CLUB OF AMERICA

February 1967

Hyatt House - Burlingame
(BROADWAY OFF-RAMP)

Saturday, 11 February
cocktails at 7:30
dinner at 8:30

Monthly Dinner Meeting

menu: beef à la mode

price: $5.00
reservations required

AS HAS BEEN THE CUSTOM IN THE PAST, AND AS WILL BE THE CUSTOM IN THE FUTURE, THE BAR WILL BE OPEN DURING THE MEAL.

Calendar of Coming Events

**PCA EVENTS**

FEBRUARY 11, Saturday
DINNER MEETING
Hyatt House, Burlingame
Osgood
7:30 p.m. (see page 1)

18, Saturday
RALLYE SCHOOL
Carl Carlson VW, San Francisco
Mitchell
9:30 a.m. (see page 2)

25, Saturday
TECH SESSION
Reno-Tahoe area
Wellington
9:30 a.m. (see page 2)

24-26, Fri.-Sun.
SKI TOUR
Lohee
(see page 3)

MARCH 4, Saturday
DINNER MEETING
Los Gatos Lodge, Los Gatos
Osgood
7:00 p.m.

5, Sunday
PRACTICE AUTO-X
East Palo Alto
Jones
9:30 a.m. (see page 5)

19, Sunday
RALLYE
Peninsula area
Paul Scott
Wellington

25, Saturday
TECH SESSION

**OTHER EVENTS**

FEBRUARY 5, Sunday
NCSCC AUTOCROSS SEASON BEGINS -- Pleasanton

26, Sunday
FIRST NCSCC CHAMPIONSHIP AUTOCROSS -- Pleasanton

MARCH 4-5, Sat.-Sun.
SAN DIEGO REGION DRIVERS' SCHOOL AND TIME TRIALS -- Boltville
Dwight Mitchell
(see page  )

MAY 5-6-7, Fri.-Sun.
LAGUNA SECA RACES -- Monterey

SEPTEMBER
2-3-4, Sat.-Mon.
SPORTS CAR OLYMPICS -- Squaw Valley

Officers

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STUART GRANNIS, 2942 Fruitdale Avenue, San Jose (95128) 296-0337

VICE PRESIDENT:
RICHARD OSGOOD, 1265 Golden Way, Los Altos (94022) 968-1781

SECRETARY:
BRIAN CARLTON, 4785 Borina Drive, San Jose (95129) 252-5546

TREASURER:
DONALD LOLLICH, 4760 Laura Drive, Concord (94521) 685-6305

ACTIVITIES:
Dwight Mitchell, 346 Ruth Avenue, Mountain View (94040) 968-9445

MEMBERSHIP:
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JAMES WELLINGTON, 348 Cloverdale Lane, Campbell (95008) 379-4994

NUGGET EDITOR:
NANCY KNIGHT, 22420 Salem Avenue, Cupertino (95014) 252-3062
While Porsche banners flew high in international competition in 1965, we can also take pride in Porsche accomplishments on the national and local level. Don Wester, Dick Smith, and Jerry Titus walked off with E modified, C production, and D production honors in the 1966 ARRC. It is interesting to note that all are West Coast drivers. Most local PCAers have probably seen all in action on the local scene.

In regional competition, our own Ed Bowman is first in E sports racing, with Wester second, and another Porsche in third. Regional E production second place is held by our Harry Shorman. These successes, many times against much stronger cars, makes driving Porsche just a little more exciting and pleasurable.

In another area, we'd sure like to see Porsche people get back into that old habit of a friendly wave or Porsche "salute" when encountering a fellow Porsche driver. Seems many Porsches fall to "toot" or greet oncoming Porsches. How's about it, PCA? Let's start the trend going strong again.

Also, as long as we're suggesting leading the way, how's about this subject of courteous driving. In today's maddening freeway mosh, it's easy to get a little aggressive in cutting the other fellow out or grabbing the right-of-way. Those who yield with a smile, when a poor chap is trying to get into traffic off a side street are rewarded with an inner satisfaction hard to imagine. It's surprising, too, how catching this friendly attitude is. Here's where we can also set the pace ... in street traffic as well as on the track. Incidentally, side benefits might be happier urcers and maybe even a saved visit from the black and white Stitch.

-- Stu Grannis -

February 25th is the date for our next technical session. The session should prove to be very fascinating to those interested in both the practical and theoretical. The topic: Automotive Ignition Systems. We will cover the basic principles of standard systems and then continue into a study of transistorized, capacitive discharge, magneto, twin, dual, photovoltaic, and piezoelectric type systems. The session will terminate with demonstrations on the maintenance and service of the Porsche-Bosch system.

The session will begin at 9:30 a.m. on Saturday, 25 February. If you're interested in attending, please phone for reservations and location. (J. P. Wellington, Campbell, California. -- 379-4894).

Hey, make your Christmas PCA Party plans early this year for Dominic's in San Rafael, and how about our summer steak barbecue at Deer Park Villa, and the Nut Tree gourmet's delight, too. We will try to arrange a garden party at Ricky's for mid summer and an Oktober-Fest get-together. Several fascinating after-dinner programs for all of you, including themes never before presented, are on tap for every meeting during 1967. There are a couple of open dates left later in the year, so let me know any preferences you may have. We are also going to try and continually improve the NUGGET and keep you all informed of past, present, and future fun, activities, and tech talk, making it a newsletter you'll like to keep for future reference and information. Two final and unconnected items are 1) note the 7:30 p.m. starting time for the February meeting, instead of the usual 7:00, and 2) those of you driving 911s be sure and check with your dealer soon about installation of a new improved exhaust system under warranty.

-- Dick Osgood --

PORSCHE as seen by artists thru the ages!

Porchie as seen by artists thru the ages!
1. "AC" spark plugs operate on a) AC or b) DC current?
2. The brand electrical equipment used in a Porsche is a) Lucas, b) Bosch, c) Delco, d) Atwater-Kent, or e) Autolite?
3. The plug gap in a 356B-type should be approximately a) 0.1–0.3 mm, b) 0.8–0.9 mm, c) 0.6–0.7 mm, or d) 0.018–0.026"?
4. When the distributor points a) close or b) open, the spark jumps the plug gap within the cylinder?
5. "Dwell" or "Cam-angle" relates to a) camshaft or valve train operation, b) condenser capacity, c) ignition advance, or d) coil saturation?
6. The Carrera four-cylinder engine operates (hopelessly) on a) eight, b) four, or c) twelve spark plugs?
7. Total advance on the 356B engine should not exceed a) 30 degrees, b) 42 degrees, or c) 37 degrees?
8. Assuming a crankcase speed of 5500 rpm, the total spark produced within one cylinder would be degrees per second?
9. The proper size socket wrench used to tighten most Porsche plugs is a) 1/16", b) 3/4", or c) 1/2"?
10. Which term does not involve a recent concept in ignition systems? a) Piezoelectric, b) Capacitive discharge, c) photoelectric, or d) none of those?

ANSWERS AND SCORING INSTRUCTIONS TO BE FOUND ELSEWHERE IN THE NUGGET.

**Technical Sessions - 1967**

Hoping to continue the tradition of fine technical sessions which we have experienced in the past, your Technical Chairman and supporting committee have developed the following sessions which we hope you will all enjoy. We have attempted to keep all members in mind; those with little background in the theoretical, interested in knowing only how to properly maintain their Porsche and those interested in the finer points of the automobile with respect to design and engineering factors. A sincere attempt will be made to offer meeting locations throughout the total Golden Gate Region. Locations will be given when possible in each issue of the NUGGET, but, when uncertainty exists concerning the number of attendees and the limited size of the reserved facilities, last-minute changes may be made, and a phone call to your Technical Chairman may be required. All sessions will be held the last Saturday of each month, except where because of an activity, race weekend, or holiday conflict. It is hoped by all concerned that a minimum of changes will be required.

**SCHEDULE FOR 1967**

Saturday, 21 January
"Suspensions" — A study of factors influencing handling; a study of Porsche suspensions from the 356 to 900 series.

Saturday, 25 February
"Automotive Ignition Systems" — A fascinating study of ignition types, from the standard type, transistorized, capacitive discharge, to the exotics, photoelectric and piezoelectric. Practical demonstrations on the Bosch product and its maintenance.

Saturday, 25 March
""Targa" and POAC Parts System"! — A study and discussion of this new model with a tour through PCP warehouse. This session and others offered by Porsche Car Pacific will take precedence over all others listed so as to offer PCP opportunity to schedule dates in accordance with their business commitments.

Saturday, 22 April
"Light Service Maintenance of Porsche Chassis and Running Gear" — A practical session on lubrication, wheel pack, bearing adjustment, wheel balance, etc.

Saturday, 27 May
"Light Service Maintenance of Porsche Fuel Feed and Ignition System" — Included will be minor tune-up and valve adjustment of series 356 and 900.

Saturday, 24 June
"Porsche Engines" — A theoretical study of the evolution within the House of Porsche, including all automotive engines produced by the firm—from 356 to 910. Most engines will be on display. Should prove to be one of the most exciting sessions this year!

Saturday, 28 July
"Race Car Preparation" — Including SCCA racing and Auto-X preparation. This clinic-type session will be directed toward those interested in racing and performance. On display will be several Porsche race cars. Session will conclude with showing of the film, "The Face of Fangio".

Saturday, 26 August
"Women's Suffrage Day (1920)! — Ladies technical session for those interested in again communicating with their husbands or sweethearts. Porsche terms, topics, and tips! What is the shortest path to a man's heart? Ladies only, please!

Saturday, 30 September
"Technical Film Review" — All-day session viewing best films available on racing, Porsche, engines, autos. The film "42 Porsche Strasse" and other factory films to be included.

Saturday, 28 October
"Transmissions" — An elementary to the complex discussion on this component of the automobile. A discussion and display of Stuttgart products, discussion and charts of proper gear ratio selection, etc.

Saturday, 18 November
"Vehicle Performance Analysis" — An interesting study of dynamometer testing on engine and chassis. Practical demonstrations on 356, 911, and 9151 vehicles.

Saturday, 16 December
"Generator/Alternator Service" — A practical clinic on the fundamentals of operation of both units. Discussion and demonstration on the proper maintenance of Bosch equipment.

1968
Saturday, 27 January
"Brakes, Wheels, and Tires" — A study of brake and wheel evolution within the House of Porsche. Information concerning the proper selection of tires, pressures. Demonstrations on brake service and maintenance of both drum and disc models.

Pursue a Reno-Lake Tahoe area -- Relax, gamble, ski, see Harrah Auto Collection, visit Pyramid Lake, Virgin City, etc.

WHEN: Group 1 will leave February 24th between 7:00 p.m. and 8:00 p.m.
Group 2 will leave February 25th whenever you want.

ACCOMMODATIONS: Group 1 -- 2 nights at the Nugget.
Group 2 -- 1 night at the Nugget.

SPECIAL: Those skiing will have a special rate which includes room, ski lift, breakfast, dinner, and two drinks for one of the days for $12.50 per person. See January NUGGET for details of schedule for those who will ski.

ACTION: Reservations and a deposit of $15.00 per person should be sent by February 14th to:

Bob Lohse
331 Lexington Drive
Menlo Park, California.

If there are any questions about the trip, please phone me at 325-3761. The Friday evening departure place will be picked when I know who is going and what time is most agreeable.
This month's technical article contributors are Len Gibson and Dick Osgood. We appreciate Dick's continued interest and participation in the technical program. We hope to continue the policy of offering all members with technical ability or problems an opportunity to submit information or questions to our technical staff.

The automotive ignition system is quite simple. A set of contacts (breaker points) interrupts an electrical current flowing through the primary winding of the ignition coil. This interruption causes a large voltage to be developed across the secondary winding of the coil, which is intended to fire the spark plugs. If this is not done, the coil will develop a voltage which across the points. A proper-sized capacitor across the points will minimize the damage to the points by bypassing some of the useless energy of the coil.

Contact point pitting results from an out-of-balance condition between the capacitor size, coil inductance, and average cruising engine speed which causes transfer of tungsten point material from one contact point to the other. The direction in which the tungsten is transferred can be used for a basis of analysis and correction.

If an ignition bridge is available (most radio shops have them), the coil impedance can be measured, and a number of capacitors can be measured and marked. The coil is usually inductive, and the resonant frequency of the coil and capacitor is about 5 kilocycles. This then requires a 0.2 microfarad capacitor. The capacitors which are part of the tune-up kits will measure anywhere from 0.18 to 0.35 microfarad.

It is recommended that once a balanced system is found that the capacitor (condenser) never be changed when replacing the points unless the breaker point gap and the condenser is adjusted. A balanced system will stop material transfer. For a negative ground system like ours, if material transfers from the fixed to the moving point, the capacitance is low and results in a spark of material from the positive to the negative point. Here is a handy mental note to use: if the fixed point is low, the capacitance is high; if it is high, the capacitance is low. Only a file should be used for cleaning the points—never use emery cloth. Be sure to clean out any powdered point material from the distributor after filing. When replacing the points, study the old ones, since they can indicate the change is required in capacitance value. A further hint for the economy-minded, do-it-yourself is that the points for the VW truck engine can be used in the Porsche.

Len Gibson - Dick Osgood

PCA-GGR AUTOCROSS TEAM ANNOUNCED

Your Board of Directors, at its January meeting, officially sanctioned a PCA autocross team for entry in all Northern California Sports Car Council (NCSCC) championship auto-
crosses this year. Dwight Mitchell, as Activities Director, will be responsible for this program, and he announced that the five-member team will initially be comprised of Arlen Riggs in Class E, Mitchell in Class F, Joe Beilmeir in Class J, Vaden Riggs in Class M, and one spot vacant for Class D. Although the team will start off this way, it will be open to all PCA members, with the requirement to be on the team a very simple one—beast the guy who is presently on the team.

Due mainly to the diligent work of Arlen Riggs, Porsches are reasonably well "classified" in NCSCC events.

Class D includes the speedsters and coupes.

Class E includes the 901, 911, and 8C.

Class F includes the 912, plus all Normals and Supers other than Speedsters.

Class M is for ladies in Class E or F cars.

The cars which are competing against the Porsches in each of these classes are quite evenly matched, so a Porsche, with only modest preparation, can be considered a strong contender in these events.

We hope that the PCA Autocross Team has an extremely successful year, and we invite all PCAers to follow and support your team, whether it be by actual competition, or by coming out to the event site, usually Pleasanton, to root the team on.

Watch the Calendar of Events for the dates!

- 1964 coupe seats, used less than 1 year. Also miscellaneous parts from wrecked '57 coupe. Sell, trade, or make offer.

- Crankshaft, flywheel, 4 con. rods, front pulley and gland nuts $615.

- Balanced 11.5:1, flywheel: $25.

- Two cylinder heads with alloy stands, rocker arms, valves, and springs: $90 each.

- Pair of super Zenith 32 NDIX carbs, manifolds, fuel pump, and air cleaners: $190.

- Matched camshaft and lifters for above: $25.

- Engine case with studs, oil pump, and pressure relief valve: $95.

- Fan housing, heater boxes, complete sheet metal and ex-
cellent filler: $40.

- Set of 8 pushrods: $10.

- Super 90 fan housing with venturi air intake: $15.

If interested, contact Dwight Behrend, 256 Mountain View Avenue, Mill Valley, California 94941, (415-849-4359).

- 1958 concours Speedster. First place competition class

Eleventh Porsche Parade. First place competition class

Seventh Annual San Diego Concours d'Elegance. Second over all this year. Porsches have been involved in every class of every event.

- 1960 Porsche 356 SC. Champion, SCCA-Regional event

in San Diego. Sponsored by the Calendar Club Speedster and the Porsche Club of San Diego. The car is for sale to the highest bidder.

- Typhoon cover—full or half—for Speedster. — Bob or

Gloria Sheldon, 850 Jordan Avenue, Los Altos, California 94022 (666-6496).

- Transmission goodies for '58 Speedster. Anything from complete trans—axle to parts for 644 case. Especially need ring and pinion, ZF limited slip, 6A and 3G gears and synchroms, bearings, etc. Must be new or competition quality. Send

complete info. as to price, ratios, type, etc. — Chuck

Bleything, 3450 K Street, Eureka, California 95501 (707-442-4147).

Nugget Deadline

Due to the fact that the March dinner meeting will be held on the first, rather than the second, Saturday of the month, the NUGGET will have to be in your hands earlier than usual; that you can mail your reservations in plenty of time. Therefore, the deadline for the March issue of the NUGGET will be moved up to 11 February, rather than the 15th. Please note, though, that your editor wouldn't mind in the least (and never has) if you should send your articles, announcements, etc., to her before the absolute deadline!
Twelfth Porsche Parade

Following is a letter regarding the 12th Porsche Parade received from PCA, Potomac Region.

Mr. Frank Granata, President
Golden Gate Region, PCA
2730 9th Street
Berkeley, California 94710

Dear Mr. Granata:

My reasons for writing to you at this early date in reference to the XII Porsche Parade are two-fold. First, we ask your help, as President of your Region, in reaching all your members with our personal invitation. In addition, we want to let you know about our plans before we start our national advertising and publicity.

To follow in the footsteps of the eleven Parades that preceded this one is not an easy matter. They have all been fine Parades, and the XI Parade was certainly outstanding. In addition to the competitive events scheduled for the XII Parade (rally, autocross, Concours d’Elegance, and regularity run) a Driver’s School is also planned. In view of the historic aspect of the location, tours of the local area as well as a shopping tour in Georgetown are included. Something of especial note is the fact that a 911 Targa will be raffled off during the Parade.

Insofar as the activities planned for the evening are concerned we plan a Luau and moonlight cruise on the Potomac, a Clambake, and a German night in addition to the opening banquet and the Victory Banquet. Two of our menus are now firm. The Luau will feature a nine course entree, complete with roast pig, and a lavish array of appetizers. There will be leis for the ladies flown in from Hawaii, an open bar, live music for dancing and a send off by a steel band at the pier. The cruise ship will go downstream from Washington through the Virginia and Maryland countryside, past Mount Vernon and make a stop at Marshall Hall. Hopefully, for those so inclined, the slot machines will still be in operation there. The clambake will feature clams on the half shell, steamed soft shell clams, steamed soft shell crabs, steamed shrimp, as well as barbecued chicken and Virginia ham. This will take place at a private beach on Chesapeake Bay.

As you can see from the type of preparations being made, we are in somewhat of a dilemma. We do expect a large crowd. Statistics indicate that in addition to the people who will attend for the Parade events only, Washington, D. C. itself will draw more people. Therefore, we have reserved an extra block of rooms at the motel. But the type of evening entertainment which is most interesting also demands early and firm reservations. With the full and exciting agenda planned we shall have to hold sharp time schedules during the daytime hours also.

We would be most happy if you and members of your Region could attend, and want to be sure that you have advance reservations in whichever portions of the Parade that you would want to participate. It would be most appreciated if you would read this letter at your next monthly meeting, and if you would underscore to those of you who contemplate attending how important it is to let us know early. Thank you. See you in Washington next summer!

Sincerely,

/s/ Robert S. Lee
General Chairman
XII Porsche Parade

A WORD OF THANKS

The consideration and interest of the Golden Gate Region makes a rewarding experience of the sometimes frustrating sport of racing. Many thanks for the Christmas party presentations.

- Bob and Gloria Shelton -

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Practice Autocross

DATE: Sunday, 5 March
TIME: 9:30 a.m. to 4:00 p.m.
PRICE: $1.50 for as many runs as you want

COME BEAT OUT OUR ROSSCO TEAM!
No trophies-instructors available. Seat belts and tube tires required. Tentative location (final announcement at February dinner meeting) Hel-Jiller Aircraft on Willow Road in East Palo Alto, between Bayshore Freeway and the Dumfries Bridge.

For further information, call Peter Jones, 325-6097.

DEADLINE FOR MARCH NUGGET -- 11 FEBRUARY!!

SAN DIEGO REGION TO HOST
DRIVERS’ SCHOOL AND TIME TRIALS

On March 4th and 5th, the San Diego Region of PCA will host an extensive Drivers’ School and Timer Trials event at the new SCCA race course at Holtville (near El Centro). It is open to all PCA regions and should be a terrific opportunity for all our frustrated race drivers to go play Dan Gurney for a whole weekend.

SDR realizes it is a long way for us to go for a weekend, but they have a very intensified program planned that should make the trip worthwhile.

The entry fee of $5.00 is almost unbelievable, considering what you will be getting, including trophies in each of seven special PCA classes.

For details, contact Dwight Mitchell or write the San Diego Region directly: In care of Dick Barbour, 242 Rosemont Avenue, La Jolla, California 92037.

1. (b); 2. (b); 3. (b); 4. (b); 5. (d); 6. (a); 7. (c); 8. 45 or 46; 9. (c); and 10. (d).

SCORING:
If you scored at least two correct, consider yourself a happy Porsche owner!
If scoring between 3 and 5, congratulate yourself on being "real enthusiast!"
On scoring between 5 and 9, please compliment your wife, as she must be "Porsche Widow!"
If to answer all correctly and earn that "A", please, please sign up as a helper at the February technical session on Ignitions!

New Members

RICHARD J. BELL 1431 Saratoga Avenue, #340
San Jose, California 95129

LEONARD E. GIBSON 4370 Alpine Road
Portola Valley, Calif. 94024

JOHN G. LOPP 1175 Helen Drive
Millbrae, California 94030

WILLIAM WEITZEL 159 Terrace Avenue
San Rafael, California 94901

DINNER RESERVATIONS

Send reservations to:
Richard Osgood
1265 Golden Way
Los Altos, California 94022

Please make all checks payable to P.C.A., Golden Gate Region.

Make your reservations by 6 February.

Dear Dick:
I will be at the 11 February dinner meeting at the HYATT HOUSE in Burlingame. There will be ___ in my party, at $5.00 each. Enclosed is my check for $__

Signed