#### PREPARING TO JUDGE

What does a judge need to know to accurately judge authenticity?

#### **AUTHENTICITY VS CONDITION**

- The purpose of IAC/PFA concours is to encourage the maintenance, preservation and restoration of Ferrari automobiles to their state
  - as delivered from the factory or to first owner.
- Traditional judging focuses on authenticity and as delivered condition.
- Preservation judging focuses on as delivered originality with patina appropriate to the car's history without regard for condition provided the item performs it's original task.

# How do you learn the details?

- In most cases the old hands just "know" what is authentic, how the cars were delivered, and the various differences even among the same series.
- Others of you have become experts at a single series or period and have amassed a wealth of knowledge about that specific series or period.
- But, all of us need to refresh or learn the specific nuances and characteristics that so often varied from car to car in a series or series to series.

# This requires research

- For the major older series there are excellent references such as Keith Bluemel's V-12 and V-8 books.
- Books by Prunet, Novak, Tanner, Nye, others.
- Compilations of early road tests by Road and Track, Car and Driver, Brooklands.
- Essential books such as Making a Difference by Anselmi and Massini.

# For series or period experts

- There are numerous books devoted to just one type of Ferrari that a series expert should consult.
- Most of us have these books in our library, but do we ever consult them?
- If I am the Daytona expert, do I know all of the differences between US and Euro models, all of the changes that happened during the run?

### Research by serial number

- Critical to judging anything older than a mid 1960s car is the understanding that there were many unique features and characteristics.
- The only way to learn these is to embark on research by serial number of the cars you will be judging as soon as Chris provides the s/ns.
- Without this specialized knowledge you are likely to miss or mark something that is a mistake.

# What does one have to know to make a mark?

- We must know how a particular detail was originally and be able to tell the owner how it was when produced and "should be" now.
- Can we distinguish between Pininfarina and Scagleitti workmanship and practices?
- Or do we just assume that Ferraris were meant to be perfect—
- And cop out by marking for condition?

# Marking for condition

- Is legitimate if the detail cannot perform it's original function or
- Has deteriorated to worn and tired.
- Or does not approximate the finish, details and appearance of the originally delivered item.
- But it is the least important category to judge except in the case of over-restoration that is so prevalent at concours today and we may be reluctant to mark.

# Where to start on a s/n search

- I first search "Barchetta.cc by Ferrari snXXXXX.
- This may produce some useful information including references to publications in which the car has appeared, original colors, engine swaps, restorations, race history, etc.
- One must always take caution that even good sites like Barchetta, and all sources may include questionable information, so every fact or detail should be checked with other sources.

# For historically Significant Cars

- The original factory photos collected in such works as Making a Difference and other books document as delivered cars in original condition.
- There are often good articles in Cavallino and Prancing Horse and similar publications.
- The Ferrari Historians have a wealth of information that one might access with a specific question that research does not answer.
- Try to obtain build sheets, factory correspondence, period photos.

#### Other Internet sources

- One never knows what interesting information one might find searching the archives of Ferrarichat and similar sites.
- But great care must be taken to seek only what appear to be original or unrestored images and data and not just the host of misinformed opinions that also crop up.
- Searching Fantasy Junction.com for 'Sold' cars can sometimes turn up interesting information.

## Ways to jog the memory

- Looking at unrestored and concours cars on Fantasy Junction, in the auction catalogues and in the magazines can sometimes lead one to question or investigate a particular detail that looks odd or seems to need documentation.
- Going through your notes and marks from previous concours can also jog the memory.

#### **Files**

- Every time I research a particular type of Ferrari and find original photos or foglios
- They are filed by serial number with the original photos and research for each car by serial number.
- Thus, over time one can accumulate photos and detail on six, ten or more similar cars in a series that often show differences in detail.

## Judging notes

- In addition, I make a list of the unique characteristics for that series or for that particular s/n car to check if judging.
- Does the car on the field look like it's original photos?
- If not, then there may be an issue to request the competitor to document or explain.
- Likewise, by knowing the original characteristics of the individual cars, we can rule out questionable items that on first look we might otherwise question.
- With only 15 minutes per car, that leaves very little time to hear an owner's presentation, judge the car, check the operations and step back to consolidate findings.

# Documentation is everything

- Without research and a deep knowledge of specific authentic details—
- We tend to fall back on marking for Condition, Shut lines, quality of paint, tidiness and all the other things that tend to promote overrestoration.
- Good documentation instills confidence and makes the judging process much easier under pressure on the day to be fair, relaxed and help the owner improve the authenticity of their car.

### How to prepare to judge

- Expect to spend time researching.
- Get your assignment from your CCJ and focus your research on your area (Eng, Int, Chassis).
- Develop a checklist of up to ten items in your area to check on each car in class.
- Make spreadsheets on things that can be known ahead of time: Tires, wheels, valve stems, exhausts and tips, books, tools, badges.

### **Example of Operational Checklist**

Concours: quick operational checks including with driver in car		
Ignition ON/Running:	Lights:	Lights:
Check engine light – out	<ul> <li>Running</li> </ul>	<ul> <li>Flashers</li> </ul>
A/C − compressor click	● Fog	●License Plate
<ul><li>Gauges – functioning</li></ul>	●Low	<ul> <li>Interior overhead</li> </ul>
<ul> <li>No warning lights</li> </ul>	<ul><li>High</li></ul>	• Doors
	<ul> <li>Backup</li> </ul>	<ul> <li>Front boot</li> </ul>
	●Turn	<ul> <li>Eng compartment</li> </ul>
Windows –quick up down	Seat − quick adjust	Radio – quick on off
Door locks-cycle	●Horn – beep	<ul> <li>Clock – showing time</li> </ul>
●Side mirrors – quick move	<ul> <li>Portable Light</li> </ul>	• A/C compressor click
Boot − stays open	●Eng lid – stays open	Gas lid - opens
DO NOT Operate: Windshield wipers		

#### Testarossa Configuration Roadmap

#### S/N xxxxx. date

- Single High Mirror
- Octagonal Hubs w 415 mm wheels, TRX tires



S/N ?????, date

- Shift coachwork assembly from Pininfarina to Ferrari
  - Shift to 16 " Wheels, Goodyear tires w Octagonal Hubs

Two Low Mirrors

S/N 78848

SXN 75997

5 lug Hubs w 16 " Wheels, Goodyear Tires, Stamped Wishbones



S/N 62453

S/N XXXXX

Restraints

Inclusion of some 512 TR components

1991, S/N ?????

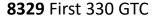
**Passive** 

S/N xxxxx, date

512 TR

Revision: 20 Jan '17

#### 330 GTC and 330 GTS Production Build Changes 1966 - 1968



**8899** First 330 GTS

**9300** change rear end ratio from 3.30 to 3.44, cast iron valve guides and seats replacing bronze, new chain case and water pump Later went back to bronze

9500 American Forged true valve springs replace standard factory units

**9600** Reynolds duplex chain replaced triplex style, 40DFI 2 carbs replaced 40DCZ 6, Trione bearings replace Vandervell Transaxle received Ellastolan seals and modified thrust supports

Cars below 9893 may have had one engine oil cooler

Some cars may have two engine oil coolers until 10100

**9989** Rerouted fuel line under car to fix vapor lock problem

9939/10000 Molybdenum coated synchro rings in transaxle

#### **EARLY PRODUCTION CARS**

Rubber molding trim on front door edge

Turquoise color gas tanks

Flat hood catch 8833

Rear view mirror mounted onto fabric over

windshield 8833

Single bag for tools and jack

#### **LATER PRODUCTION CARS**

Chrome molding trim on front door edge

Black color gas tanks

Round hole in hood catch

Rear view mirror mounted thru slit in fabric over windshield

Two bags, one for tools and one for jack. Later cars had

fewer tools than early cars

**10100** Engine oil cooler built into the bottom of the radiator eliminated external oil coolers

**9829/10400** Bonaldi power brake booster system replaced Dunlop brake system, Changed to 365 style chain case and water pump

**10700** Bendix fuel pump replaced FISPA pump

**11000** Changed from hydraulic clutch system to cable operated system, Lobro constant velocity jointed half shafts

**11613** Last 330 GTC

**11703** Last 330 GTS

#### Wheels and tires

- FERRARI Wheels and tires: PB 2013 M-1
- Sources were build sheets for the particular car, or a car close to it in production, owners' manuals, Bluemel's Original V -12 and the Borrani catalog.
- 0163 E 212 Export 4.00 X 15 Rudge 72 spokes (RW3024?). Tires 5.90 X 15 Pirelli 0163's build sheets and 0084 E, owners' manual. The Borrani catalog shows 4.50 X 15 RW 2841.
- 0257 EL 212 Lungo 4.50 X 15 RW 2841 Borrani catalog. Tires 6.40 X 15 or 6.50 X 15 Pirelli build sheets (0183 EL and 0215 EL)
- 0425 GT 250 GT 5.50 X 16 RW 3264. Tires 6.00 X 16 build sheets (0403 and 0503). Tires 6.50 X 16 build sheets 0463 GT. Period photos show Englebert tires size??
- 1639 GT 250 LWB California 5.50 X 16 RW 3526. Tires Dunlop, build sheets. 6.00 X 16 ??
- 2821 250 Cabriolet series 2 5.50 X 15 RW 3591. Tires 185 X 15 Pirelli Cinturato build sheets.
- 4279 SA 400 SA coupe LWB series 2 6.00 X 15 RW 3690. Tires 205 X 15 Pirelli build sheets for 4251. Borrani catalog 5.50 X 15 RW 3591. Tires 185 X 15 Pirelli Borrani catalog.
- The wheels and tires for the SII 400 SA could be RW 3690 6.00 X 15 with 205 X 15 tires. This was the 500 SF wheel and tire specification. The late SII 400 SAs also used them (4251 SA build sheet calls these parts out). However the original 400 SA wheel and tire combination is RW 3591 5.50 X 15 with 185 X 15 tires.
- The assumption is that 4279 SA came with the wider wheel and tire.
- However the literature, manuals etc. all show the RW 3591. The one foglo available for a late 400 SA (4251 SA) shows the wider wheels. 4279 SA is an
  even later example so presumably it has the wider wheels. The owner may follow the published literature and use the earlier size wheel. If so there
  would be no deduction.
- 10059 275 GTB/4 alloy berlinetta 7.00L X 14 cast alloy (10 hole). Tires 205 X 14 Michelin, Original V -12. 7.00 X 14 RW 4039. Tires Dunlop build sheet 10103 alloy. RW 4039 Borrani catalog.
- 10691 274 GT/S4 NART spyder 7.00 X 14 RW 4039. Tires Dunlop 205 X 14 build sheet 09437. 7.00L X 14 cast alloy (10 hole). Tires 205 X 14 Michelin, Original V -12. RW 4039 Borrani catalog.
- The four cams could be presented with 10 hole mag wheels with straight ear knock offs or or RW 4039s with dished knock offs. Borrani only used wheel sizes post war until the early 1950s. There were RW design numbers, but actually stamping them on the wheels did not occur until after 1951.

#### **FINALLY**

- Review the Judging Guidelines, Suggested maximum deductions, and IAC/PFA decisions.
- Share research by email with judging team.
- Discuss special factors if appropriate to the cars in your class.
- Plan to make the event enjoyable for the owners and contribute to the common goal of
- the preservation of the Ferrari automobile.