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Media & Accreditation Bahrain International Circuit P.O. Box 26381 Sakhir Kingdom of Bahrain FOREWORD BY Mr. Zayed R. Alzayani,

Chairman of the Board

**Bahrain International Circuit** 

On behalf of the Board of Directors, Management and Staff of the Bahrain International Circuit (BIC), I am delighted to welcome you all to the 2013 Formula 1™ Gulf Air Bahrain Grand Prix.

The Grand Prix is a focal point on our calendar each year and this being our ninth edition gives us yet another opportunity to show the world how proud we are of our passion for this exciting sport.

Our event this year, promises to be one complete with exciting racing action on track and fun filled entertainment for the entire family to enjoy off track. Whether you are an avid racing fan, or someone who has decided to join us for the first time, our vast array of festivities have been especially planned to ensure you have a good time.

I would like to take this opportunity to thank all parties who continue to support our race, without whom it would not be possible for us to stage such a world class event. A special thanks to all our fans, to your incredible spirit that has motivated us to grow from strength to strength each year.

I wish you all a wonderful and memorable few days at the 2013 Formula 1<sup>TM</sup> Gulf Air Bahrain Grand Prix.

Zayed R. Alzayani

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F +973 1745 1112 media@bic.com.bh



#### **TIMETABLE - BAHRAIN GRAND PRIX**

#### **THURSDAY**

10:00 16:00	FORMULA ONE	INITIAL SCRUTINEERING
13:00 15:00	FORMULA ONE	TRACK FAMILIARISATION AND SYSTEMS CHECKS -
09:45 10:45	FORMULA ONE	SAFETY CAR – TRACK CLOSED
15:00 15:00 17:00 16:00 17:00	FORMULA ONE FORMULA ONE FORMULA ONE GP2	PRESS CONFERENCE – PRESS ROOM 3 DAY TICKET HOLDER PIT LANE WALK ONLY TEAM MANAGERS MEETING DRIVERS MEETING

#### **FRIDAY**

09:20		FORMULA ONE	MEDICAL INSPECTION
09:30	09:45	FORMULA ONE	TRACK INSPECTION AND TRACK TEST
10:00	11:30	FORMULA ONE	FIRST PRACTICE SESSION
12:00	12:30	GP2	PRACTICE SESSION
12:35	13:50	FORMULA ONE	PADDOCK CLUB PIT LANE WALK
13:30	13:40	FORMULA ONE	TRACK INSSPECTION
14:00	15:30	FORMULA ONE	SECOND PRACTICE SESSION
16:00	16:30	GP2	QUALIFYING SESSION
16:00	17:00	FORMULA ONE	PRESS CONFERENCE - PRESS ROOM
17:00		FORMULA ONE	DRIVERS MEETING
17:00	17:30	FORMULA MIDDLE EAST	PRACTICE SESSION
18:00	18:30	FORMULA ONE	MARSHAL PIT LANE WALK

#### **SATURDAY**

00.45	40.00	EODMIII A ONE	TEAM DIT OTOD DD AOTIOE
09:45	10:30	FORMULA ONE	TEAM PIT STOP PRACTICE
09:30	10:00	FORMULA MIDDLE EAST	QUALIFYING SESSION
09:45	10:45	FORMULA ONE	PADDOCK CLUB PIT LANE WALK
10:20		FORMULA ONE	MEDICAL INSPECTION
10:30	10:45	FORMULA ONE	TRACK INSPECTION AND TRACK TEST
11:00	12:00 <sup>1</sup>	FORMULA ONE	THIRD PRACTICE SESSION
12:05	13:30	FORMULA ONE	PADDOCK CLUB PIT LANE WALK
13:30	13:40	FORMULA ONE	TRACK INSPECTION
14:00	15:00	FORMULA ONE	QUALIFYING SESSION
15:30		GP2	PIT LANE OPEN
15:35		GP2	PIT LANE CLOSED
15:45*	16:50 <sup>2</sup>	GP2	FIRST RACE (32 LAPS OR 60 MINS)
17:20	17:50	FORMULA MIDDLE EAST	FIRST RACE ( LAPS OR 30 MINS)

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#### **SUNDAY**

09:00	09:10	FORMULA ONE	MARSHALLING SYSTEM TRACK TEST
10:15		FORMULA ONE	MEDICAL INSPECTION
10:35		GP2	PIT LANE OPEN
10:40		GP2	PIT LANE CLOSED
10:50*	11:40 <sup>2</sup>	GP2	SECOND RACE (23 LAPS OR 45 MINS)
12:00		FORMULA ONE	DRIVERS MEETING (IF NECESSARY)
12:00	14:15	FORMULA ONE	PADDOCK CLUB PIT LANE WALK
12:15	12:45	FORMULA MIDDLE EAST	SECOND RACE ( LAPS OR 30 MINS)
13:30		FORMULA ONE	DRIVERS GRID PARADE
13:45	14:15	FORMULA ONE	STARTING GRID PRESENTATION
14:00		FORMULA ONE	MEDICAL INSPECTION
14:10	14:20	FORMULA ONE	TRACK INSPECTION
14:30		FORMULA ONE	PIT LANE OPEN
14:45		FORMULA ONE	PIT LANE CLOSED GRID FORMATION
14:46		FORMULA ONE	NATIONAL ANTHEM
14:50		AIR DISPLAY	GULF AIR FLYPAST
15:00*	17:00 <sup>2</sup>	FORMULA ONE	GRAND PRIX (57 LAPS OR 120 MINS)

<sup>\*</sup> These times refer to the start of the formation lap 1 Fixed Time Session 2 Approximate finishing time

PLEASE NOTE THAT THIS TIMETABLE IS SUBJECT TO AMENDMENTS

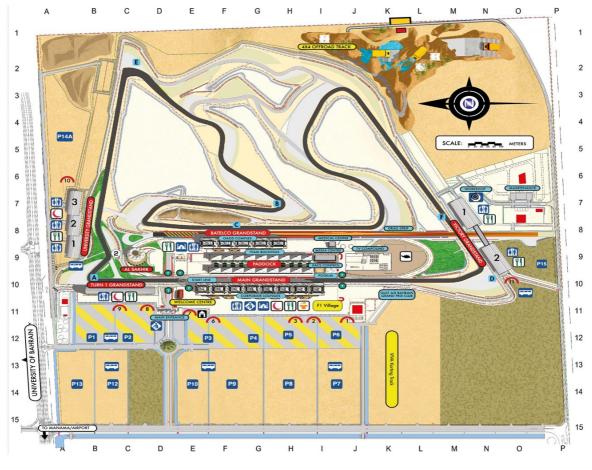
2013 FORMULA 1 GULF AIR BAHRAIN GRAND PRIX – TIME TABLE ISSUE 1 23/3/2013



#### CIRCUIT MAP



# حلبة البحرين الدولية Bahrain International Circuit





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#### **BAHRAIN INTERNATIONAL CIRCUIT**

#### **SPECIFICATIONS**

#### Five different individual tracks and one drag strip:

- 2.55km Inner track with a width varying between 14m 15M (8 turns)
- 3.664km Outer track with a width varying between 14m 17m (10 turns)
- 5.411km Grand Prix track with a width varying between 14m 22m width
- 6.4km Full Circuit with a width varying between 14m 22m
- 3.7km Paddock Circuit (9 turns) 14 22m width
- 1.2km Drag strip with a width of 18.5m (a part of the National Hot Rod Association Worldwide Network)

#### Specifications of the Grand Prix track:

- Investment \$150 million US
- Maximum uphill slope: 3.60%
- Maximum downhill slope: 5.60%
- Height between the lowest and highest points on the circuit: 0 to 18m
- 15 turns (9 right and 6 left)
- Forecast lap time for a 2.4-litre Formula One car: 1min 31secs
- Length of start/finish straight 1,090 m
- Four straights
  - Pit straight: 1,090m
  - Straight 2: 555m
  - Straight 3: 680m
  - Straight 4: 750m

#### Bahrain International Circuit also includes:

- An 8-storey VIP tower (Sakhir Tower) with Roof terrace, VIP suites, Restaurant and Administration
  Offices
- A total seating capacity for 45,000 spectators
- Main Grandstand for 10,500 spectators and first class hospitality suites
- 47 VIP Hospitality Suites in the Main and Oasis Grandstands

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Bahrain International Circuit
P.O. Box 26381
Sakhir
Kingdom of Bahrain
T +973 1745 1059
T +973 1745 1158
F +973 1745 1112

media@bic.com.bh

- State-of-the-art Pit and Paddock complex for 11 Grand Prix teams, their cars, equipment and support staff
- Oasis Complex that includes 3,000-seat grandstand and a second pit building for support race and vehicle testing technical support
- Race Control Tower with the latest technology including a nerve centre with 41 remote controlled security cameras with zoom capability to enable Race Officials to monitor every aspect of the race track from a central point
- A complete technical resource centre dedicated to Formula One scrutineering and regulation control
- Dedicated buildings for 18 international racing teams
- Administration and hospitality buildings
- Medical Centre constructed and equipped to stringent FIA Medical Commission and International racing standards
- Television Broadcast Centre for International and Regional broadcasters
- Media Centre for 500 journalists with 260 television sets
- Photographers' Centre for 120 International and Regional photographers
- Under-the-track pedestrian and vehicle tunnels
- Vending area for merchandising
- New dual carriageway road access from Manama to circuit
- Parking facilities for 13,000 cars



#### **BAHRAIN INTERNATIONAL CIRCUIT ADDITIONAL INFORMATION**

#### **Personnel**

- 600 Race track Marshals
- 750 TV technicians and commentators
- 700 Cleaners, electricians and technicians
- 97 Medical staff, 25 of which are doctors
- 60 BIC Administration
- 700 Catering and Merchandising staff
- 800 Security staff
- 1,000 Policemen

#### Construction details

- Workforce: 3,000+ at peak time
- Total man-hours worked: 8,265,000hrs
- Total Sub base for track: 272,648m
- Total Asphalt base course: 60,000MT
- Total Asphalt binding course: 30,000MT
- Total Asphalt wearing course: 30,000MT
- Total run-off area: 140,000m2
- Total grass carpet: 5,000m2
- Total Quantity of Concrete used: 70,000m3
- Total Steel: 8,500 MT
- Total rock excavation: 968,459m3
- Total filling: 500,000m3
- Total length of tyre barriers: 4,100m
- Total number of tyres: 82,000
- Total guardrail: 12,000m
- Total FIA safety fencing: 5,000m

#### Other Facilities

- A Technical Resource Centre dedicated to a Formula One Grand Prix or any other international race event, located on the start/finish straight
- Main Grandstand with first-class hospitality suites

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- Dedicated support buildings for international racing teams
- Administration and hospitality buildings
- Multi-purpose second pit building with lounges and a grandstand for 6,000 spectators
- A Medical Centre constructed and equipped to the defined International Standards
- A Broadcast Centre for International and National media
- A Media Centre with seating for 500 journalists
- Under-track pedestrian and vehicle tunnels
- VIP viewing tower
- Vending area for merchandising
- Helicopter landing facilitates
- VIVA Karting Track



#### **BAHRAIN INTERNATIONAL CIRCUIT A-Z**

**Autograph Sessions** - Each year Bahrain gives the ticket-buying public unrivalled access to the sport's biggest players in the scheduled autograph sessions in the Formula 1™ Village.

**BIC TV/BIC Radio -** BIC TV will transmit live on the giant screens all the on-and off-track activities at the circuit, keeping the fans involved and up-to-date with the day's events. BIC's radio broadcast will be transmitted on 107.0 FM and provided in both Arabic and English. Listeners at the circuit as well as across the island will be able to follow commentaries on the races and all other activities around the Grand Prix as well as updates and latest news on all F1 events.

**Celebrities -** The Kingdom of Bahrain draws a glittering array of stars to the BIC from across the globe each year. To date, they have included Olympic legends Michael Johnson and Sir Steve Redgrave, golf icons Colin Montgomerie, Paul Casey, Camilo Villegas, Retief Goosen, Sergio Garcia and many more. Pop stars Ragheb Alama, John Legend, Anouska, Jay Kay, Mick Hucknall and Michael Jackson; rock supremos Eric Clapton, Rick Parfitt and Nick Mason; tennis hero Boris Becker and royalty from across Europe and the Middle East.

**Dragstar Xperience -** BIC's newest product offers the public a chance to enjoy a passenger ride in a Top Fuel Dragster – the fastest car in the sport of drag racing. Power down BIC's quarter-mile drag strip, which is a part of the 'National Hot Rod Association Worldwide Network', in blistering speed. Accelerate from zero to 100kph in just one second, while experiencing G-forces of up to 2Gs charging off the start line. BIC's special fleet of Top Fuel Dragsters can seat two passengers at a time along with one driver.

**Excellence -** In 2007 the BIC became the first active Formula 1<sup>TM</sup> venue to be recognized as a Centre of Excellence by the FIA for its commitment to setting new standards in motor sport safety and its dedication to translate lessons learned from the sport into saving lives on the highway.

**Ferrari** - Perhaps the most recognised name in F1 racing also holds the distinction of being the constructor with the most victories at the Bahrain Grand Prix.

**Glue –** Legendary, indeed mythical, substance that was alleged to be keeping the sands of the Sakhir desert at bay prior to the inaugural Gulf Air Bahrain Grand Prix in 2004. Sadly this great story wasn't true then and isn't true today.

**History -** On the 14th September 2002, the Kingdom of Bahrain signed a long-term agreement with Formula 1<sup>™</sup> Management Ltd to host a round of the FIA Formula 1<sup>™</sup> World Championship, starting from 2004. In June 2008, BIC announced that Bahrain had extended its contract with Formula 1<sup>™</sup> until 2016.

**Interactive Entertainment -** Each year the Formula 1<sup>TM</sup> Village is filled with a three-day festival of entertainment. In the Gulf, major occasions are as much a social event as a sporting spectacle and the BIC goes further each year to provide live performances, eye-catching artists and enjoyable

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Bahrain International Circuit
P.O. Box 26381
Sakhir
Kingdom of Bahrain
T +973 1745 1059

T +973 1745 1039 T +973 1745 1158 F +973 1745 1112 media@bic.com.bh www.bahraingp.com



opportunities that create a unique ambience focused on entertaining the ticket buying public. **Journalists -** The BIC Media Centre can host up to 500 journalists from around the world, offering a state-of-the-art, modern communications infrastructure. ISDN, ADSL and direct lines as well as data uplinks are available in the Media Centre and Photographers.

**Karting -** BIC has opened a state-of-the-art karting facility, named VIVA Karting Track. The track has been designed to the highest international standards, and it is capable of hosting world championship-level events under the Commission Internationale de Karting-Federation Internationale de l'Automobile (CIK-FIA). The venue's CIK circuit is 1.414 kilometres in distance and it features 14 turns. VIVA Karting Track offers a wide array of experiences for the avid karter, including a Formula One-inspired Mini Grand Prix. It is also the only karting track in the world that can hold night racing under CIK standards, as the facility boasts a series of floodlights of 150 lux all.

**Laps** - The 2013 Bahrain GP will run for 57 laps over 5.412km. In contrast, the 2010 Grand Prix was run over an extended "endurance configuration" of 6.299km and 23 corners, resulting in only 49 laps required to complete the race.

**Marshals** - Coordinated by the Bahrain Motor Federation, the event's sporting organizer, a total of 800 marshals will work at the BIC through the Grand Prix weekend. Amongst these will be 38 sector and deputy marshals overseeing 8-10 marshals each, 25 working in the pit lane and 50 on the starting grid. There will be 120 fire marshals, 150 track marshals and a team of 30 doctors and medics.

**Non-alcoholic** - Podium celebrations in Bahrain are characterised by the spraying of Waard as a substitute for the traditional champagne, in accordance with local custom. Waard is a blend of rose water, locally produced pomegranate juice and sparkling water that is blended and bottled locally, specifically for the Grand Prix weekend.

**Overtaking** - Overtaking remains one of the most anticipated highlights in an F1 race. However, overtaking has to be done according to sporting regulations which state that a driver can make one move only to defend a position, meaning they may no longer move back onto the racing line having already moved off it to defend their position.

**Pit Walkabout -** All three-day ticket holders will have access to the pit lane on Thursday, April 18th, 2013

**Quality -** Bahrain International Circuit (BIC) prides itself in the quality of off-track entertainment it offers fans each year at the Formula One Gulf Air Bahrain Grand Prix. In 2013, BIC is taking things to a whole other level with its biggest-ever collection of world-class attractions at the Formula One Village vending area. A long list of globally renowned acts will be performing live, perfectly complementing the wide array of carnival rides, game stalls, theatre shows, kids' activities and an adrenaline-pumping extreme ride, all of which can be enjoyed all weekend.

**Run Off Area -** Providing eight metres both sides of the track on the straights and up to 10 metres on the outside of corners, the run-off areas feature different designs of Arabic artwork and script,

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Bahrain International Circuit
P.O. Box 26381
Sakhir
Kingdom of Bahrain
T +973 1745 1059
T +973 1745 1158
F +973 1745 1112

media@bic.com.bh

designed as a themed journey both to enhance the presentation for viewers and to provide the drivers with optimum safety.

**Speed Weekend -** Speed Weekend is a showcase of the very best of regional racing. The previous two events held at BIC earlier this season were both a grand success. Plenty of thrills and heart-stopping drama is expected in both categories, as the battle for supremacy in each highly competitive championship reaches an exciting climax. Apart from all the racing action, Speed Weekend features plenty of off-the-track entertainment for the whole family to enjoy.

**Track Hire -** The BIC serves as a unique setting for corporate functions. Open for hire, companies are able to access the BIC to stage business conferences and exhibitions, film a TV commercial, or rent time on the circuit for private racing events.

**Underpinning the Economy -** The Bahrain Grand Prix is a significant contributor to the national economy, and a vital showcase to global TV audiences. In 2010, the race weekend attracted over 100,000 visitors from across the Middle East region and various international destinations. An independent study illustrated that the last Grand Prix had a gross economic impact of approximately US\$295 million, supporting around 3,000 jobs.

**Vending Area -** The Bahrain International Circuit was designed with the spectator in mind. Accommodating 100,000 visitors on race day, the Grandstand (capacity: 50,000) in particular provides fantastic views of the track and racing action

**Welsh Granite -** Over 1200 tonnes of stone were used in the construction of the BIC, a third of it being Welsh granite, which is recognised for its adhesive characteristics and ideal for the track surface.

**Xperience -** The Track Xperience is a unique offering where guests can have the chance to try out some of today's most advanced racing cars. On select dates at the BIC, guests can have the opportunity to receive driving tips from an instructor while taking laps around the circuit, or even pilot one of the select vehicles to experience the thrill of a Formula 1 circuit.

**Zayed R. Alzayani -** Prominent Bahraini businessman and long-standing member of the BIC Board of Directors, Zayed Alzayani was elected Chairman in mid-2008, taking over the reins at the BIC from Talal Al Zain.

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#### **MEDIA SERVICES**

#### **RESPONSIBILITIES**

#### **ORGANISATION**

Organising Body

Bahrain Motor Federation P.O. Box 54336,

Manama, Kingdom of Bahrain

Phone: +973 1745 2000 Fax: +973 1745 2020 Email: info@bmf.com.bh

**President** Shaikh Abdulla bin Isa Al Khalifa

**Vice-President**Shaikh Salman bin Isa bin Ebrahim Al Khalifa

#### **RACETRACK**

Operating Company Bahrain International Circuit

PO Box 26381, Manama, Kingdom of Bahrain

Phone: +973 1745 0000 Fax: +973 1745 1111 Email: info@bic.com.bh

Website: www.bahraingp.com

Clerk of the Course Fayez Ramzy Fayez

National Steward Mazen Al Hilli

media@bic.com.bh



#### **MEDIA SERVICES**

#### **RESPONSIBILITIES**

#### FIA

Race Director, Safety Delegate and Starter Charlie Whiting

Medical Delegate Prof, Jean-Charles Piette

**Technical Delegate** Jo Bauer

Head of Communications F1 & Media Delegate Matteo Bonciani

**FIA Observer** Herbie Blash

**Steward** Gerd Ennser, Enzo Spano, Mika Salo

#### **MEDIA CENTER**

National Press Officer Haya Al Khakifa

National Press Officer Assistant Zahra Nimah

International Media & PR Nick Garton

Media Accreditation Martina Rathmann

Media Centre Coordination Stephen Bolderheij



#### **ACCREDITATION AND MEDIA CENTRE**

#### **OPENING HOURS**

#### **ACCREDITATION**

Location		The Media Accreditation Centre is located next to the Sakhir Service Station (Gulf of Bahrain Avenue) on the way to the circu		
Opening hours				
Wednesday:	17 <sup>th</sup> of April 2013:	11.00 – 18.00 hrs		
Thursday:	18 <sup>th</sup> of April 2013:	08.00 – 18.00 hrs		
Friday:	19 <sup>th</sup> of April 2013:	08.00 – 16.00 hrs		
Saturday:	20st of April 2013:	08.00 – 12.00 hrs		
Sunday:	21st of April 2013:	08.00 – 11.00 hrs (national press only)		

#### MEDIA CENTRE/PHOTOGRAPHERS' AREA

Location	directly in front of yo	The Media Centre and the Photographers' Area are located directly in front of you when you come out of the tunnel that leads from the media parking into the paddock.		
Opening hours				
Wednesday:	17 <sup>th</sup> of April 2013:	12.00 – 20.00 hrs		
Thursday:	18 <sup>th</sup> of April 2013:	09.00 – 22.00 hrs		
Friday:	19 <sup>th</sup> of April 2013:	07.00 – 23.00 hrs		
Saturday:	20st of April 2013:	07.00 – 23.00 hrs		
Sunday:	21st of April 2013:	07.00 – open end		
	*(until the last journa	alist / photographer leaves)		

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#### MEDIA CENTRE AND PHOTOGRAPHERS' AREA

#### **SHUTTLE SERVICES**

#### Journalists' room

- ➤ 440 seats.
- ➤ 10 public telephones of which 5 are located in a separate area.
- > Private telephones on request.
- > 5 fax machines.
- > ISDN and direct lines as well as data uplinks are available.
- > 10 Internet workstations.
- ≥ 349 lockers.
- > Photographers' Area: The Photographers' Area comprises the following facilities:
- ➤ Photographers' room inside the Media Centre with 100 seats.
- > ISDN and direct lines as well as data uplinks are available.
- ➤ 100 lockers.

Please obtain a key from the receptionist in the Photographers' room. (A deposit of BD 5 per key is required).

**Television / radio:** 36 operational air-conditioned boxes are available to television and radio commentators below the Grandstand roof

**Media Shuttle:** There is a limited media shuttle service as the International and National Media car parks are very close to the Media Centre and Paddock which can be reached through a tunnel. This tunnel leads from the Media car park to the entrance of the Media Centre.

**Photographer Shuttle Route:** A photographers' shuttle service is provided from the Race Control Tower to important locations around the track. This service will also be provided during the support races. For further details please check the official notice board in the photographers' area.

**Operating Hours:** Please refer to the schedule on the official notice board in the photographers' room.

Red Zones: There are no red zones at the Bahrain International Circuit

**Photographers' Towers:** There are two photographers' towers positioned at the circuit. The first one is located at the first corner. A shuttle service to turn number one will be offered from the grid during the warm-up lap (pick up on the service road in front of the main grand stand). The second one is located at the Pitlane wall right in front of the podium.

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F +973 1745 1112 media@bic.com.bh



#### **PRESS CONFERENCES**

#### PRESS CONFERENCE ROOM

**Location:** The Press Conference Room is outside the Media Centre. It is located inside the Formula 1 Paddock on the first floor of the Podium Building. Please follow the signs from the Media Centre to the Press Conference Room.

#### Formula 1

#### Thursday, 15.00 hrs,

In the Press Conference Room: For a maximum of 6 drivers chosen by the FIA Press Delegate

#### Friday, 16.00 hrs,

In the Press Conference Room: 6 personalities chosen by the FIA Press Delegate

#### Saturday, following the qualifying sessions:

TV unilateral interview with the top 3 drivers of the qualifying session

#### Saturday, after the unilateral interview,

In the Press Conference Room: Post qualifying press conference with top 3 Drivers of the qualifying session

#### Sunday, following the podium celebrations:

TV unilateral interview with the top 3 finishing drivers

#### Sunday, after the unilateral interview,

In the Press Conference Room: Post-race press conference with the top 3 finishing drivers

**Note:** Photographers are kindly requested to use the steps that have been provided behind the row for the journalists.

All TV unilateral interviews and press conferences will be transmitted into the Media Centre.

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Bahrain International Circuit
P.O. Box 26381
Sakhir
Kingdom of Bahrain
T+973 1745 1059
T+973 1745 1158

#### 2013 FIA FORMULA ONE WORLD CHAMPIONSHIP CALENDAR

17-Mar	ROLEX AUSTRALIAN GRAND PRIX	Albert Park	Melbourne
24-Mar	PETRONAS MALAYSIA GRAND PRIX	Sepang International Circuit	Kuala Lumpur
14-Apr	UBS CHINESE GRAND PRIX	Shanghai International Circuit	Shanghai
21-Apr	GULF AIR BAHRAIN GRAND PRIX	Bahrain International Circuit	Sakhir
11-May	GRAN PREMIO DE ESPAÑA	Circuit de Catalunya	Catalunya
26-May	GRAND PRIX DE MONACO	Circuit de Monaco	Monte Carlo
09-Jun	GRAND PRIX DU CANADA	Circuit Gilles-Villeneuve	Montréal
30-Jun	BRITISH GRAND PRIX	Silverstone	Silverstone
07-Jul	GROSSER PREIS VON DEUTSCHLAND	Nurburgring	Nurburgring
28-Jul	MAGYAR NAGYDÍJ	Hungaroring	Budapest
25-Aug	SHELL BELGIAN GRAND PRIX	Circuit de Spa- Francorchamps	Spa
08-Sep	GRAN PREMIO D'ITALIA	Autodromo di Monza	Monza
22-Sep	SINGAPORE GRAND PRIX	Marina Bay Street Circuit	Singapore
06-Oct	KOREAN GRAND PRIX	Korea International Circuit	Yeongam
13-Oct	JAPANESE GRAND PRIX	Suzuka	Suzuka
27-Oct	AIRTEL INDIAN GRAND PRIX	Buddh International Circuit	New Delhi
03-Nov	ETIHAD AIRWAYS ABU DHABI GRAND PRIX	Yas Marina Circuit	Yas Marina
17-Nov	UNITED STATES GRAND PRIX	Circuit of the Americas	Austin
24-Nov	GRANDE PREMIO DO BRASIL	Autodromo Jose Carlos Pace São P	

#### DRIVERS AND CONSTRUCTORS CLASSIFICATIONS AT THE END OF THE 2012 SEASON

Pos	Driver	Points	Pos	Team	Points
1	Sebastian Vettel	281	1	Red Bull Racing Renault	460
2	Fernando Alonso	278	2	Ferrari	400
3	Kimi Räikkönen	207	3	McLaren Mercedes	378
4	Lewis Hamilton	190	4	Lotus Renault	303
5	Jenson Button	188	5	Mercedes	142
6	Mark Webber	179	6	Sauber Ferrari	126
7	Felipe Massa	122	7	Force India Mercedes	109
8	Romain Grosjean	96	8	Williams Renault	76
9	Nico Rosberg	93	9	STR Ferrari	26
10	Sergio Perez	66	10	Caterham Renault	0
11	Nico Hulkenberg	63	11	Marussia Cosworth	0
12	Kamui Kobayashi	60	12	HRT Cosworth	0
13	Michael Schumacher	49			
14	Paul di Resta	46			
15	Pastor Maldonado	45			
16	Bruno Senna	31			
17	Jean-Eric Vergne	16			
18	Daniel Ricciardo	10			
19	Vitaly Petrov	0			
20	Timo Glock	0			
21	Charles Pic	0			
22	Heikki Kovalainen	0			
23	Jeroma D'Ambrosio	0			
24	Narain Karthikeyan	0			
25	Pedro de la Rosa	0			

#### 2013 FIA FORMULA ONE WORLD CHAMPIONSHIP ENTRY LIST

No.	Driver	Country	Team		
1	Sebastian Vettel	Germany	Infiniti Red Bull Racing		
2	Mark Webber	Australia	Infiniti Red Bull Racing		
3	Fernando Alonso	Spain	Scuderia Ferrari		
4	Felipe Massa	Brazil	Scuderia Ferrari		
5	Jenson Button	Great Britain	Vodafone McLaren Mercedes		
6	Sergio Perez	Mexico	Vodafone McLaren Mercedes		
7	Kimi Räikkönen	Finland	Lotus F1 Team Ltd		
8	Romain Grosjean	France	Lotus F1 Team Ltd		
9	Nico Rosberg	Germany	Mercedes AMG Petronas F1 Team		
10	Lewis Hamilton	Great Britain	Mercedes AMG Petronas F1 Team		
11	Nico Hulkenberg	Germany	Sauber F1 Team		
12	Esteban Gutierrez	Mexico	Sauber F1 Team		
13	Paul Di Resta	Great Britain	Sahara Force India F1 Team		
14	Adrian Sutil	Germany	Sahara Force India F1 Team		
15	Pastor Maldonado	Venezeula	Williams F1 Team		
16	Valtteri Bottas	Finland	Williams F1 Team		
17	Jean-Eric Vergne	France	Scuderia Toro Rosso		
18	Daniel Ricciardo	Australia	Scuderia Toro Rosso		
19	Charles Pic	France	Caterham F1 Team		
20	Giedo Van der Garde	Netherlands	Caterham F1 Team		
21	Jules Bianchi	France	Marussia F1 Team		
22	Max Chilton	Great Britain	Marussia F1 Team		

#### DRIVERS AT A GLANCE AT THE START OF THE 2013 SEASON

Driver	Team	Debut	GP Starts	Wins	Poles	Fast Lap	Total Points
Sebastian Vettel	Infiniti Red Bull Racing	2007	101	26	36	15	1054
Mark Webber	Infiniti Red Bull Racing	2002	196	9	11	14	848.5
Fernando Alonso	Scuderia Ferrari	2001	197	30	22	19	1364
Felipe Massa	Scuderia Ferrari	2002	172	11	15	14	704
Jenson Button	Vodafone McLaren Mercedes	2000	230	15	8	8	999
Sergio Perez	Vodafone McLaren Mercedes	2011	38	0	0	1	80
Kimi Raikkonen	Lotus F1 Team	2001	177	19	16	37	786
Romain Grosjean	Lotus F1 Team	2009	26	0	0	1	96
Nico Rosberg	Mercedes AMG Petronas	2006	128	1	1	4	399.5
Lewis Hamilton	Mercedes AMG Petronas	2007	110	21	26	12	913
Nico Hülkenberg	Sauber F1 Team	2010	39	0	1	1	85
Esteban Gutierrez	Sauber F1 Team	2013	0	0	0	0	0
Paul di Resta	Sahara Force India F1 Team	2011	39	0	0	0	73
Adrian Sutil	Sahara Force India F1 Team	2007	90	0	0	1	95
Pastor Maldonado	Williams F1 Team	2011	39	1	1	0	46
Valtteri Bottas	Williams F1 Team	2013	0	0	0	0	0
Jean-Eric Vergne	Scuderia Toro Rosso	2012	20	0	0	0	16
Daniel Ricciardo	Scuderia Toro Rosso	2011	31	0	0	0	10
Charles Pic	Caterham F1 Team	2012	20	0	0	0	0
Giedo Van der Garde	Caterham F1 Team	2013	0	0	0	0	0
Jules Bianchi	Marussia F1 Team	2013	0	0	0	0	0
Max Chilton	Marussia F1 Team	2013	0	0	0	0	0

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# 2013 FIA FORMULA ONE WORLD CHAMPIONSHIP TEAMS AT A GLANCE AT THE START OF THE 2013 SEASON

Team	F1 Titles	F1 Debut	GP Starts	Wins	Poles	Fastest Laps	Total Points
Infiniti Red Bull Racing	3	2005	146	34	46	29	1864.5
Scuderia Ferrari	16	1950	852	219	207	227	5766
Vodafone McLaren Mercedes	8	1966	722	182	155	151	4758.5
Lotus F1 Team	3	1981	515	48	36	54	2196.5
Mercedes AMG Petronas	0	1954	70	12	9	12	686
Sauber F1 Team	0	1993	346	1	1	4	717
Sahara Force India F1 Team	0	2008	93	0	1	2	259
Williams F1 Team	9	1975	592	114	127	131	2760
Scuderia Toro Rosso	0	2006	128	1	1	0	136
Caterham F1 Team	0	2010	58	0	0	0	0
Marussia F1 Team	0	2010	60	0	0	0	0

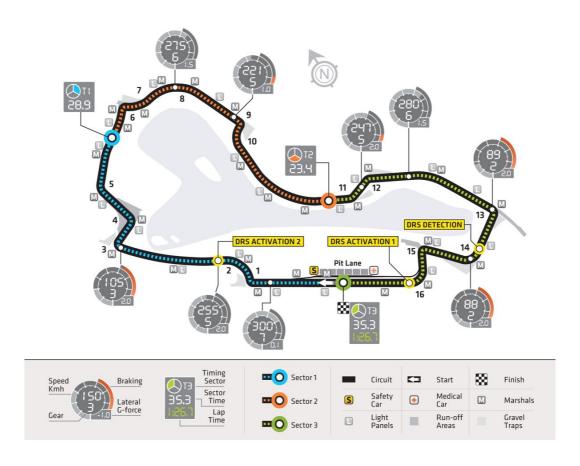
<sup>\*</sup>NB: all data provided by the associated F1 team



### 2013 FIA FORMULA ONE WORLD CHAMPIONSHIP CIRCUIT CHARACTERISTICS

#### 2013 FORMULA 1 ROLEX AUSTRALIAN GRAND PRIX: MELBOURNE

Date:17 March 2013Race distance:307.574 kmCircuit length:5.303 kmNumber of laps:58



Melbourne's Albert Park remains one of the most popular circuits with fans on the F1 calendar, offering a combination of long straights, sweeping curves and tight chicanes make it a welcome challenge for the drivers. The Australian Grand Prix is this season's first round of the Formula 1 Championship, having held this distinction each year since the event moved to Melbourne in 1996, excluding 2006 and 2010.

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## 2013 FIA FORMULA ONE WORLD CHAMPIONSHIP AUSTRALIAN GRAND PRIX – RESULTS

Date:17 March 2013Race distance:307.574 kmCircuit length:5.303 kmNumber of laps:58

Pos.	Driver	Team	Total race	Grid
1	Kimi Raikkonen	Lotus	1:30:03.255	7
2	Fernando Alonso	Ferrari	12.4	5
3	Sebastian Vettel	Red Bull Racing	22.3	1
4	Felipe Massa	Ferrari	33.5	4
5	Lewis Hamilton	Mercedes	45.5	3
6	Mark Webber	Red Bull Racing	46.8	2
7	Adrian Sutil	Force India	65.0	12
8	Paul di Resta	Force India	68.4	9
9	Jenson Button	McLaren	81.6	10
10	Romain Grosjean	Lotus	82.7	8
11	Sergio Perez	Mclaren	83.3	15
12	Jean-Eric Vergne	Toro Rosso	83.8	13
13	Esteban Gutierrez	Sauber	+ 1 Lap	18
14	Valtteri Bottas	Williams	+ 1 Lap	16
15	Jules Bianchi	Marussia	+ 1 Lap	19
16	Charles Pic	Caterham	+ 2 Laps	22
17	Max Chilton	Marussia	+ 2 Laps	20
18	Giedo van der Garde	Caterham	+ 2 Laps	21
19	Daniel Ricciardo	Toro Rosso	DNF	14
20	Nico Rosberg	Mercedes	DNF	6
21	Pastor Maldonado	Williams	DNF	17
22	Nico Hullkenberg	Sauber	DNF	11

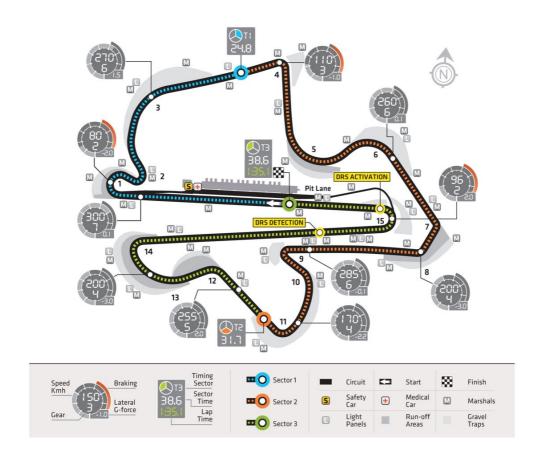
<sup>\*</sup> DNF = did not finish

Pole position:	Sebastian Vettel	1:27.407
Fastest lap:	Kimi Raikkonen	1:29.294



### CIRCUIT CHARACTERISTICS 2013 FORMULA 1 PETRONAS MALAYSIA GRAND PRIX: SEPANG

Date:24 March 2013Race distance:310.408 kmCircuit length:5.543 kmNumber of laps:56



Sepang remains one of the most technically challenging circuits in Formula 1, while testing the stamina of the drivers owing to its high humidity and potential for rainstorms that could alter team strategy. Consideration has been given to introducing a floodlight system, which would allow the race to be run at night. However, to date, the race has a later afternoon start date.

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### 2013 FIA FORMULA ONE WORLD CHAMPIONSHIP MALAYSIAN GRAND PRIX – RESULTS

Date:24 March 2013Race distance:310.408 kmCircuit length:5.543 kmNumber of laps:56

Pos.	Driver	Team	Total race	Grid
1	Sebastian Vettel	Red Bull Racing	1:38:56.681	1
2	Mark Webber	Red Bull Racing	+4.2 secs	5
3	Lewis Hamilton	Mercedes	+12.1 secs	4
4	Nico Rosberg	Mercedes	+12.6 secs	6
5	Felipe Massa	Ferrari	+25.6 secs	2
6	Romain Grosjean	Lotus	+35.5 secs	11
7	Kimi Raikkonen	Lotus	+48.4 secs	10
8	Nico Hulkenberg	Sauber	+53.0 secs	12
9	Sergio Perez	McLaren	+72.3 secs	9
10	Jean-Eric Vergne	Toro Rosso	+87.1 secs	17
11	Valtteri Bottas	Williams	+88.6 secs	18
12	Esteban Gutierrez	Sauber	+ 1 Lap	14
13	Jules Bianchi	Marussia	+ 1 Lap	19
14	Charles Pic	Caterham	+ 1 Lap	20
15	Giedo van der Garde	Caterham	+ 1 Lap	22
16	Max Chilton	Marussia	+ 2 Laps	21
17	Jenson Button	McLaren	DNF	7
18	Daniel Ricciardo	Toro Rosso	DNF	13
	Pastor Maldonado	Williams	DNF	16
	Adrian Sutil	Force India	DNF	8
	Paul di Resta	Force India	DNF	15
	Fernando Alonso	Ferrari	DNF	3

<sup>\*</sup> DNF = did not finish

Pole position:	Sebastian Vettel	1:49.674
Fastest lap:	Sergio Perez	1:39.199

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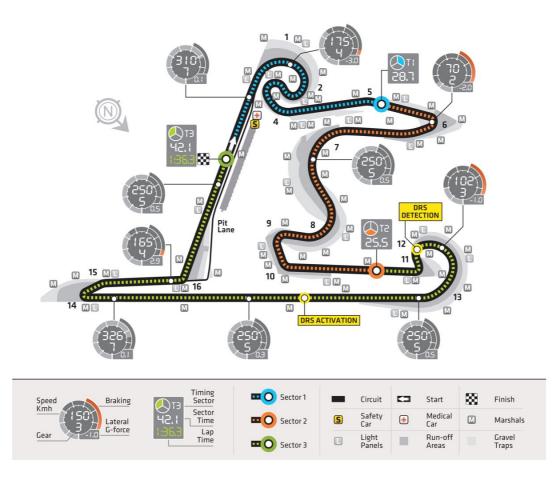
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### 2013 FIA FORMULA ONE WORLD CHAMPIONSHIP CIRCUIT CHARACTERISTICS

#### 2013 FORMULA 1 UBS CHINESE GRAND PRIX: SHANGHAI

Date:14 April 2013Race distance:305.066 kmCircuit length:5.451 kmNumber of laps:56



The Shanghai International Circuit will be hosting its tenth Chinese Grand Prix on the weekend of 12-14 April. The circuit boasts various winding turns and high-speed straights, demanding a great deal of acceleration and deceleration, while providing numerous overtaking opportunities. The circuit is contracted to Host F1 racing through 2017.

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CHINESE 14 April 2013 Race distance: 305.066 km
Circuit length: 5.451 km Number of laps: 56

Pos.	Driver	Team	Total race	Grid
1	Fernando Alonso	Ferrari	1:36:26.945	3
2	Kimi Raikkonen	Lotus	+10.1 secs	2
3	Lewis Hamilton	Mercedes	+12.3 secs	1
4	Sebastian Vettel	Red Bull Racing	+12.5 secs	9
5	Jenson Button	McLaren	+35.2 secs	8
6	Felipe Massa	Ferrari	+40.8 secs	5
7	Daniel Ricciardo	Toro Rosso	+42.6 secs	7
8	Paul di Resta	Force India	+51.0 secs	11
9	Romain Grosjean	Lotus	+53.4 secs	6
10	Nico Hulkenberg	Sauber	+56.5 secs	10
11	Sergio Perez	McLaren	+63.8 secs	12
12	Jean-Eric Vergne	Toro Rosso	+72.6 secs	15
13	Valtteri Bottas	Williams	+93.8 secs	16
14	Pastor Maldonado	Williams	+95.4 secs	14
15	Jules Bianchi	Marussia	+ 1 Lap	18
16	Charles Pic	Caterham	+ 1 Lap	20
17	Max Chilton	Marussia	+ 1 Lap	19
18	Giedo van der Garde	Caterham	+ 1 Lap	21
19	Nico Rosberg	Mercedes	DNF	4
20	Mark Webber	Red Bull Racing	DNF	22
21	Adrian Sutil	Force India	DNF	13
22	Esteban Gutierrez	Sauber	DNF	17

<sup>\*</sup> DNF = did not finish

Pole position:	Lewis Hamilton	1:34.4849
Fastest lap:	Sebastian Vettel	1:36.808

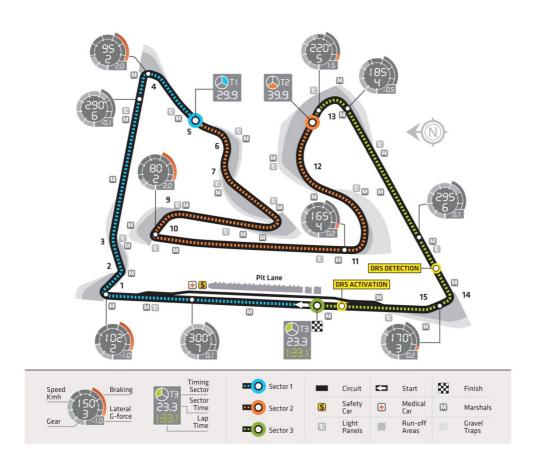
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### 2013 FIA FORMULA ONE WORLD CHAMPIONSHIP CIRCUIT CHARACTERISTICS

#### 2013 FORMULA 1 GULF AIR BAHRAIN GRAND PRIX: SAKHIR

Date:21 April 2013Race distance:308.238 kmCircuit length:5.412 kmNumber of laps:57



The Bahrain International Circuit has quickly become a popular host for world-class motor sport. Professional facilities and experienced staff has paved the way for numerous international race series to utilise the circuit, including: Formula 3, GP2, GP2 Asia, the FIA GT Championship, V8 Supercar Series, and the BMW World Final.

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#### **BAHRAIN GRAND PRIX - RESULTS FROM 2012**

Date:	22 April 2012	Race distance:	308.238 km
Circuit length:	5.412 km	Number of laps:	57

Pos.	Driver	Team	Total race	Grid
1	Sebastian Vettel	Red Bull Racing	1:35:10.990	1
2	Kimi Raikkonen	Lotus-Renault	+3.3 secs	11
3	Romain Grosjean	Lotus-Renault	+10.1 secs	7
4	Mark Webber	Red Bull Racing	+38.7 secs	3
5	Nico Rosberg	Mercedes	+55.4 secs	5
6	Paul di Resta	Force India	+57.4 secs	10
7	Fernando Alonso	Ferrari	+57.8 secs	9
8	Lewis Hamilton	McLaren	+58.9 secs	2
9	Felipe Massa	Ferrari	+64.9 secs	14
10	Michael Schumacher	Mercedes	+71.4 secs	22
11	Sergio Perez	Sauber	+72.7 secs	8
12	Nico Hulkenberg	Force India	+76.5 secs	13
13	Kamui Kobayashi	Sauber	+90.3 secs	12
14	Jean- Eric Vergne	Toro Rosso	+93.7 secs	17
15	Daniel Ricciardo	Toro Rosso	+ 1 lap	6
16	Vitaly Petrov	Caterham	+ 1 lap	18
17	Heikki Kovalainen	Caterham	+1 lap	16
18	Jenson Button	McLaren	+ 2 laps	4
19	Timo Glock	Marussia	+ 2 laps	23
20	Pedro de la Rosa	HRT	+ 2 laps	20
21	Narain Karthikeyan	HRT	+ 2 laps	24
22	Bruno Senna	Williams	+ 3 laps	15
	Paster Maldonado	Williams	DNF	21
	Charles Pic	Marussia	DNF	19

<sup>\*</sup> DNF = did not finish

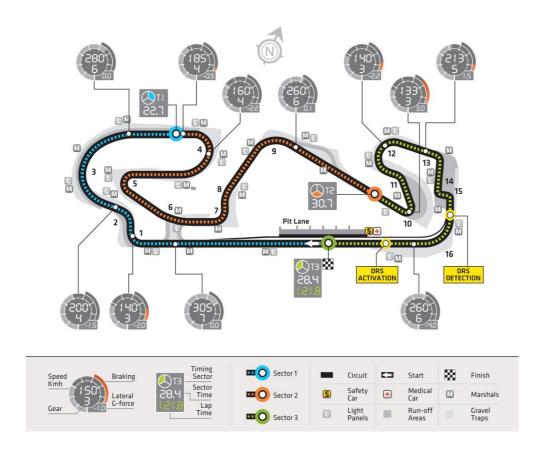
Pole position:	Sebastian Vettel	1:32.422
Fastest lap:	Sebastian Vettel	1:36.379



#### **CIRCUIT CHARACTERISTICS**

#### FORMULA 1 GRAN PREMIO DE ESPAÑA 2013: CATALUNYA

Date:12 May 2013Race distance:307.104 kmCircuit length:4.655 kmNumber of laps:66



The Circuit de Catalunya was built in 1989 through the efforts of a Consortium composed of the Catalan Government, the Reial Automòbil Club de Catalunya (RACC) and the Montmeló Town Council. In September 1991, the 35th Spanish F1 Grand Prix was held following a seventeen-year of absence in Catalonia. Today, the circuit is a familiar site for teams and drivers as the track is used for extensive offseason testing.

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#### **SPANISH GRAND PRIX - RESULTS FROM 2012**

Date:13 May 2012Race distance:307.104 kmCircuit length:4.655 kmNumber of laps:66

Pos.	Driver	Team	Total race	Grid
1	Pastor Maldonado	Williams	1:39:09.145	1
2	Fernando Alonso	Ferrari	+3.1 secs	2
3	Kimi Raikkonen	Lotus	+3.8 secs	4
4	Romain Grosjean	Lotus	+14.7 secs	3
5	Kamui Kobayashi	Sauber	+64.6 secs	9
6	Sebastian Vettel	Red Bull Racing	+67.5 secs	7
7	Nico Roserberg	Mercedes	+77.9 secs	6
8	Lewis Hamilton	McLaren	+78.1 secs	24
9	Jenson Button	McLaren	+85.2 secs	10
10	Nico Hulkenberg	Force India	+ 1 Lap	13
11	Mark Webber	Red Bull Racing	+ 1 Lap	11
12	Jean-Eric Vergne	Toro Rosso	+ 1 Lap	14
13	Daniel Ricciardo	Toro Rosso	+ 1 Lap	15
14	Paul di Resta	Force India	+ 1 Lap	12
15	Felipe Massa	Ferrari	+ 1 Lap	16
16	Heikki Kovalainen	Caterham	+ 1 Lap	19
17	Vitaly Petrov	Caterham	+ 1 Lap	1
18	Timo Glock	Marussia	+ 2 Laps	21
19	Pedro de la Rosa	HRT	+ 3 Laps	22
-	Sergio Perez	Sauber	DNF	5
	Charles Pic	Marussia	DNF	20
-	Narain Karthikeyan	HRT	DNF	23
	Bruno Senna	Williams	DNF	17
	Michael Schumacher	Mercedes	DNF	8

<sup>\*</sup> DNF = did not finish

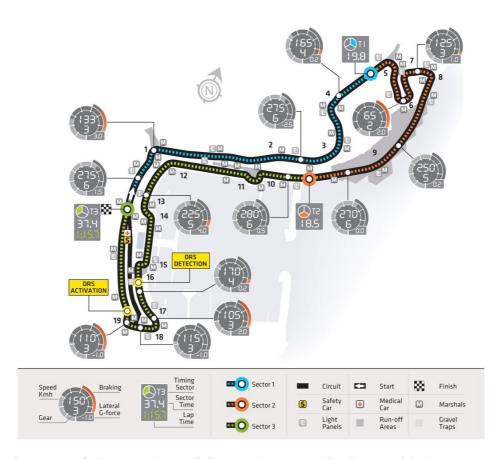
Pole position:	Lewis Hamilton	1:21.707
Fastest lap:	Romain Grosjean	1:26.250



#### CIRCUIT CHARACTERISTICS

#### FORMULA 1 GRAND PRIX DE MONACO 2013: MONTE CARLO

Date:	26 May 2013	Race distance:	260.520 km
Circuit length:	3.340 km	Number:	78



Monaco remains one of the most prestigious auto races in the world, long recognised for its entertainment and celebrity presence. Motorsports most famous street circuit takes six weeks to build up and organise, offering drivers with the challenge of negotiating numerous elevation shifts and very tight corners, including one of the slowest corners in F1 racing as well as one of the fastest. Due to its unique configuration, change in speeds and lack of straights, keeping the engine cool is a point of focus for the teams, as Formula One cars depend on air moving over the car to remove heat, and don't use formal cooling technology.

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#### **MONACO GRAND PRIX - RESULTS FROM 2012**

Date:27 May 2012Race distance:260.52 kmCircuit length:3.340 kmNumber of laps:78

Pos.	Driver	Team	Total race	Grid
1	Mark Webber	Red Bull Racing	1:46:06.557	1
2	Nico Rosberg	Mercedes	+0.6 secs	2
3	Sebastian Vettel	Ferrari	+0.9 secs	5
4	Fernando Alonso	Red Bull Racing	+1.3 secs	9
5	Lewis Hamilton	McLaren	+4.1 secs	3
6	Felipe Massa	Ferrari	+6.1 secs	7
7	Paul di Resta	Force India	+41.5 secs	14
8	Nico Hulkenberg	Force India	+42.5 secs	10
9	Kimi Raikkonen	Lotus	+44.0 secs	8
10	Bruno Senna	Williams	+44.5 secs	13
11	Sergop Perez	Sauber	+ 1 Lap	23
12	Jean-Eric Vergne	Toro Rosso	+ 1 Lap	16
13	Heikki Kovalainen	Caterham	+ 1 Lap	17
14	Timo Glock	Marussia	+ 1 Lap	19
15	Narain Karthikeyan	HRT	+ 1 Lap	22
16	Jenson Button	McLaren	DNF	12
	Daniel Ricciardo	Toro Rosso	DNF	15
	Charles Pic	Marussia	DNF	21
	Michael Schumacher	Mercedes	DNF	6
	Vitaly Petrov	Caterham	DNF	18
	Kamui Kobayashi	Sauber	DNF	11
	Pedro de la Rosa	HRT	DNF	20
	Pastor Maldonado	Williams	DNF	24
	Romain Grosjean	Lotus	DNF	4

<sup>\*</sup> DNF = did not finish

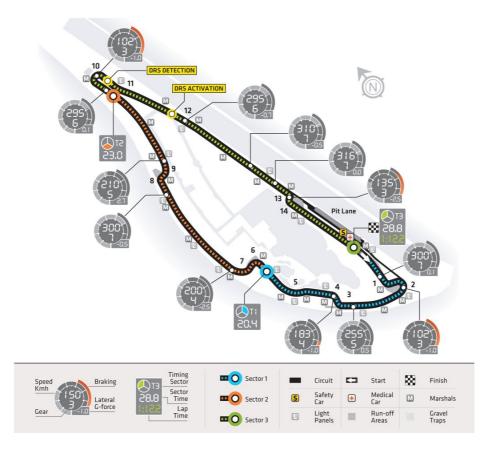
Pole position:	Michael Schumacher	1:14.301
Fastest lap:	Sergio Perez	1:17.296



#### **CIRCUIT CHARACTERISTICS**

#### **GRAND PRIX DU CANADIAN GRAND PRIX: MONTREAL**

Date:09 June 2013Race distance:305.270 kmCircuit length:4.361 kmNumber of laps:70



The circuit, on lle Notre Dame, a man-made island on the St. Lawrence River, was renamed for Canadian Formula One driver Gilles Villenueve, following his death in 1982. 2006 saw the last occasion when US-based Champ Car and F1 ran on the same track. Formula One's performance proved significantly better with a 5-to-7 second advantage both in terms of qualifying and recording of fastest lap times during the respective races. Under contract through 2014, the Montreal Grand Prix continues to be tremendously popular with both teams and drivers, owing to its festive atmosphere.

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T +973 1745 1059 T +973 1745 1158 F +973 1745 1112 media@bic.com.bh www.bahraingp.com



# **CANADIAN GRAND PRIX - RESULTS FROM 2012**

Date:10 June 2012Race distance:305.270 kmCircuit length:4.361 kmNumber of laps:70

Pos.	Driver	Team	Total race	Grid
1	Lewis Hamilton	McLaren	1:32:29.586	2
2	Romain Grosjean	Lotus	+2.5 secs	7
3	Sergio Perez	Sauber	+5.2 secs	15
4	Sebastian Vettel	Red Bull Racing	+7.2 secs	1
5	Fernando Alonso	Ferrari	+13.4 secs	3
6	Nico Rosberg	Mercedes	+13.8 secs	5
7	Mark Webber	Red Bull Racimg	+15.0 secs	4
8	Kimi Raikkonen	Lotus	+15.5 secs	12
9	Kamui Kobayashi	Sauber	+24.4 secs	11
10	Felipe Massa	Ferrari	+25.2 secs	6
11	Paul di Resta	Force India	+37.6 secs	8
12	Nico Hulkenberg	Force India	+46.2 secs	13
13	Pastor Maldonado	Williams	+47.0 secs	22
14	Daniel Ricciardo	Toro Rosso	+64.4 secs	14
15	Jean-Eric Vergne	Toro Rosso	+ 1 Lap	19
16	Jenson Button	McLaren	+ 1 Lap	10
17	Bruno Senna	Williams	+ 1 Lap	16
18	Heikki Kovalainen	Caterham	+ 1 Lap	17
19	Vitaly Petrov	Caterham	+ 1 Lap	18
20	Charles Pic	Marussia	+ 3 Laps	23
	Timo Glock	Marussia	DNF	21
	Michael Schumacher	Mercedes	DNF	9
	Pedro de la Rosa	HRT	DNF	20
	Narain Karthikeyan	HRT	DNF	24

<sup>\*</sup> DNF = did not finish

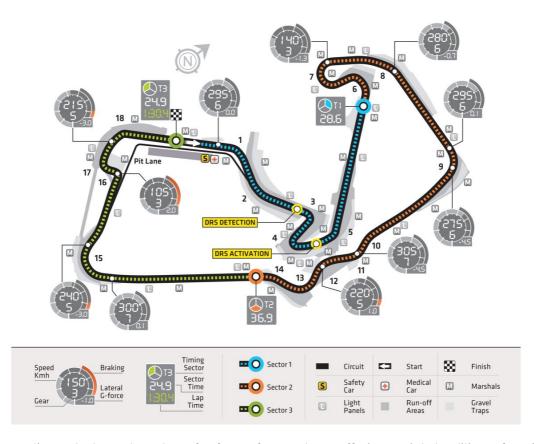
Pole position:	Sebastian Vettel	1:13.784
Fastest lap:	Sabastian Vettel	1:15.752



# 2013 FIA FORMULA ONE WORLD CHAMPIONSHIP CIRCUIT CHARACTERISTICS

# FORMULA 1 BRITISH GRAND PRIX: SILVERSTONE

Date:30 June 2012Race distance:306.198 kmCircuit length:5.891 kmNumber of laps:52



Silverstone continues to be a top draw for fans of Formula 1, offering a rich tradition of racing, a fast and challenging track, as well as the constant prospect of weather playing a critical role in race day strategy. Contracted to host F1 through 2027, Silverstone offers motorsport fans a wealth of viewing options staging events through the year, including British F3, Le Mans Series, and MotoGP, among others. The circuit has undergone major modifications and rebuilds, primarily in 1991 and most recently in 2010.

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# **BRITISH GRAND PRIX - RESULTS FOR 2012**

Date:08 July 2012Race distance:306.198 kmCircuit length:5.891 kmNumber of laps:52

Pos.	Driver	Team	Total race	Grid
1	Mark Webber	Red Bull Racing	1:25:11.288	2
2	Fernando Alonso	Ferrari	+3.0 secs	1
3	Sebastian Vettel	Red Bull Racing	+4.8 secs	4
4	Felipe Massa	Ferrari	+9.5 secs	5
5	Kimi Raikkonen	Lotus	+10.3 secs	6
6	Romain Grosjean	Lotus	+17.1 secs	9
7	Michael Schumacher	Mercedes	+29.1 secs	3
8	Lewis Hamilton	McLaren	+36.4 secs	8
9	Bruno Senna	Williams	+43.3 secs	13
10	Jenson Button	McLaren	+44.4 secs	16
11	Kamui Kobayashi	Sauber	+45.3 secs	17
12	Nico Hulkenberg	Force India	+47.8 secs	14
13	Daniel Ricciardo	Toro Rosso	+51.2 secs	12
14	Jean-Eric Vergne	Toro Rosso	+53.3 secs	23
15	Nico Rosberg	Mercedes	+57.3 secs	11
16	Pastor Maldonado	Williams	+ 1 Lap	7
17	Heikki Kovalainen	Caterham	+ 1 Lap	19
18	Timo Glock	Marussia	+ 1 Lap	20
19	Charles Pic	Marussia	+ 1 Lap	24
20	Pedro de la Rosa	HRT	+ 1 Lap	21
21	Narain Karthikeyan	HRT	+ 1 Lap	22
	Sergio Perez	Sauber	DNF	15
	Paul di Resta	Force India	DNF	10
	Vitaly Petrov	Caterham	DNF	18

<sup>\*</sup> DNF = did not finish

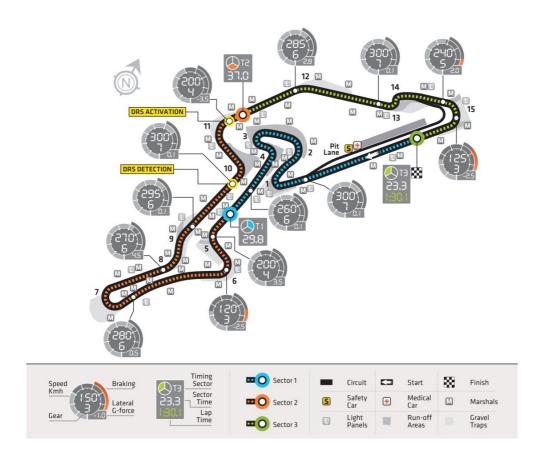
Pole position:	Fernando Alonso	1:51.746
Fastest lap:	Kimi Raikkonen	1:34.661



# **CIRCUIT CHARACTERISTICS**

# **GRAND PRIX OF GERMANY: NURBURGRING**

Date:07 July 2013Race distance:308.623kmCircuit length:5.148kmNumber of laps:60



Since 2007, the Nurgurgring Circuit alternates as a host of the German Grand Prix with the Hockenheimring.

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# **GERMAN GRAND PRIX - RESULTS FOR 2012 IN HOCKENHEIM**

Date:22 July 2012Race distance:308.623 kmCircuit length:5.148 kmNumber of laps:60

Pos.	Driver	Team	Total race	Grid
1	Fernando Alonso	Ferrari	1:31:05.862	1
2	Jenson Button	McLaren	+6.9 secs	6
3	Kimi Raikkonen	Lotus	+16.4 secs	10
4	Kamui Kobayashi	Sauber	+21.0 secs	12
5	Sebastian Vettel	Red Bull Racing	+23.7 secs	2
6	Sergio Perez	Sauber	+27.8 secs	17
7	Michael Schumacher	Mercedes	+28.9 secs	3
8	Mark Webber	Reb Bull Racing	+46.9 secs	8
9	Nico Hulkenberg	Force India	+48.1 secs	4
10	Nico Rosberg	Mercedes	+48.8 secs	21
11	Paul di Resta	Force India	+59.2 secs	9
12	Felipe Massa	Ferrari	+71.4 secs	13
13	Daniel Ricciardo	Toro Rosso	+76.8 secs	11
14	Jean-Eric Vergne	Toro Rosso	+76.9 secs	15
15	Pastor Maldonado	Williams	+ 1 Lap	5
16	Vitaly Petrov	Caterham	+ 1 Lap	18
17	Bruno Senna	Williams	+ 1 Lap	14
18	Romain Grosjean	Lotus	+ 1 Lap	19
19	Heikki Kovalainen	Caterham	+ 2 Laps	16
20	Charles Pic	Marussia	+ 2 Laps	20
21	Perdo de la Rosa	HRT	+ 3 Laps	23
22	Timo Glock	Marussia	+ 3 Laps	22
23	Narain Karthikeyan	HRT	+ 3 Laps	24
	Lewis Hamilton	McLaren	DNF	7

<sup>\*</sup> DNF = did not finish

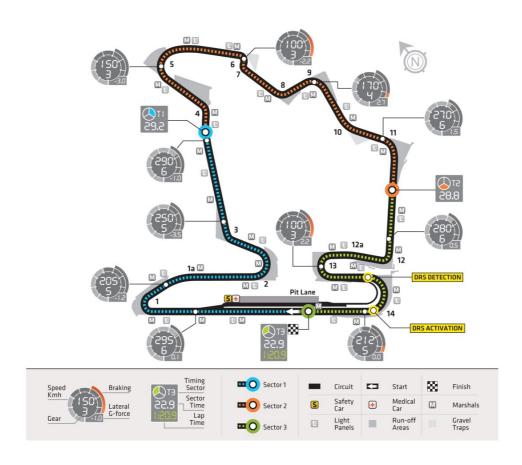
Pole position:	Fernando Alonso	1:40.621
Fastest lap:	Michael Schumacher	1:18.725



# **CIRCUIT CHARACTERISTICS**

**GRAND PRIX OF HUNGARY: BUDAPEST** 

Date:28 July 2013Race distance:306.630 kmCircuit length:4.381 kmNumber of laps:70



Home of the first Grand Prix to have been held behind the "Iron Curtain", The Hungaroring was built in record time and remains today a major attraction in Hungary. Held in the summer, the circuit is built in a valley allowing excellent vantage points for spectators. Popular with foreign fans from Germany, Austria and Poland, the Grand Prix is under contract through 2016.

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# **HUNGARIAN GRAND PRIX - RESULTS FOR 2012**

Date:29 July 2012Race distance:306.66 kmCircuit length:4.381 kmNumber of laps:70

Pos.	Driver	Team	Total race	Grid
1	Lewis Hamilton	McLaren	1:41:05.503	1
2	Kimi Raikkonen	Lotus	+1.0 secs	5
3	Romain Grosjean	Lotus	+10.5 secs	2
4	Sebastian Vettel	Red Bull Racing	+11.6 secs	3
5	Fernando Alonso	Ferrari	+26.6 secs	6
6	Jenson Button	McLaren	+30.2 secs	4
7	Bruno enna	Williams	+33.8 secs	9
8	Mark Webber	Red Bull Racing	+34.4 secs	11
9	Felipe Massa	Ferrari	+38.3 secs	7
10	Nico Rosberg	Mercedes	+51.2 secs	13
11	Nico Hulkenberg	Force India	+57.2 secs	10
12	Paul Di Resta	Force India	+62.8 secs	12
13	Pastor Maldonado	Williams	+63.6 secs	8
14	Sergioa Perez	Sauber	+64.4 secs	14
15	Daniel Riccardo	Toro Rosso	+ 1 Lap	18
16	Jean_eric Vergne	Toro Rosso	+ 1 Lap	16
17	Heikki Kovalainen	Caterham	+ 1 Lap	19
18	Kamui Kobayashi	Sauber	+ 2 Laps	15
19	Vitaly Petrov	Caterham	+ 2 Laps	20
20	Charles Pic	Marussia	+ 2 Laps	21
21	Timo Glock	Marussia	+ 3 Laps	22
22	Pedro de la Rosa	HRT	+ 3 Laps	23
	Narain Karthikeyan	HRT	DNF	24
	Michael Schumacher	Mercedes	DNF	17

<sup>\*</sup> DNF = did not finish

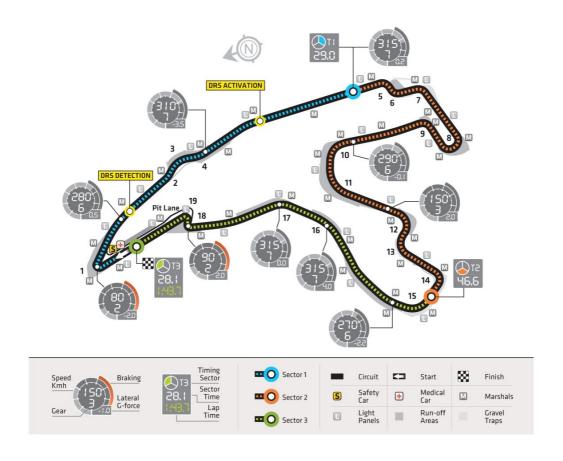
Pole position:	Lewis Hamilton	1:20.953
Fastest lap:	Sebastian Vettel	1:24.136



# CIRCUIT CHARACTERISTICS

#### FORMULA 1 SHELL BELGIAN GRAND PRIX: SPA-FRANCORCHAMPS

Date:25 August 2013Race distance:308.052 kmCircuit length:7.004 kmNumber of laps:44



The Circuit de Spa-Francorchamps is legendary among race enthusiasts for its long-standing history and unique setting. It is considered one of the most challenging tracks in the world, mainly due to its fast, hilly and twisty layout within the Ardennes Forest. The circuit tests driver skills especially when trying to negotiate the Eau Rouge and Blanchimont corners. Designed originally in 1920, Spa-Francorchamps also plays host to a range of other race series including the Spa 24 Hours endurance race.

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# **BELGIAN GRAND PRIX - RESULTS FROM 2012**

Date:2 Sep 2012Race distance:308.052 kmCircuit length:7.004 kmNumber of laps:44

Pos.	Driver	Team	Total race	Grid
1	Jenson Button	McLaren	1:29:08.530	1
2	Sebastian Vettel	Red Bull Racing	+13.6 secs	10
3	Kimi Raikkonen	Lotus	+25.3 secs	3
4	Nico Hulkenberg	Force India	+27.8 secs	11
5	Felipe Massa	Ferrari	+29.8 secs	14
6	Mark Webber	Red Bull Racing	+31.2 secs	12
7	Michael Schumacher	Mercedes	+53.3 secs	13
8	Jean-Eric Vergne	Toro Rosso	+58.8 secs	15
9	Daniel Ricciardo	Toro Rosso	+62.9 secs	16
10	Paul di Resta	Force India	+63.7 secs	9
11	Nico Rosberg	Mercedes	+65.1 secs	23
12	Bruno Senna	Williams	+71.5 secs	17
13	Kamuni Kobayashi	Sauber	+ 1 Lap	2
14	Vitaly Petrov	Caterham	+ 1 Lap	19
15	Timo Glock	Marussia	+ 1 Lap	20
16	Charles Pic	Marussia	+ 1 Lap	22
17	Heikki Kovalainen	Caterham	+ 1 Lap	18
18	Pedro de la Rosa	HRT	+ 1 Lap	21
19	Narain Karthikeyan	HRT	DNF	24
_	Pastor Maldonado	Williams	DNF	6
	Sergio Perez	Sauber	DNF	4
	Fernando Alonso	Ferrari	DNF	5
	Lewis Hamilton	McLaren	DNF	7
	Romain Grosjean	Lotus	DNF	8

<sup>\*</sup> DNF = did not finish

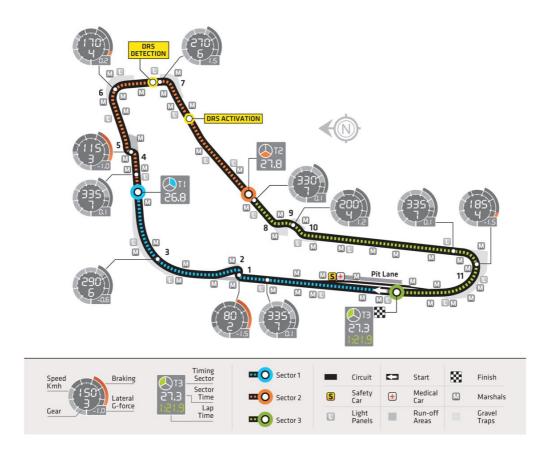
Pole position:	Jenson Button	1:47.573
Fastest lap:	Bruno Senna	1:52.822



# **CIRCUIT CHARACTERISTICS**

**GRAND PRIX OF ITALY: MONZA** 

Date:	08 September 2013	Race distance:	306.720 km
Circuit length:	5.793 km	Number of laps:	53



Monza has hosted the Italian Grand Prix since the inception of F1. A singular atmosphere with a dedicated following among the Italian "Tifosi", Monza boasts some of the sport's most famous turns, including Curva di Lesmo, and the Curva Parabolica, providing high speed thrills for both drivers and spectators. In 2008, Sebastian Vettel made history at Monza becoming the youngest driver in history to win a Formula One Grand Prix at 21 years and 74 days of age, as well as the record for youngest pole sitter a day earlier under qualifying.

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# ITALIAN GRAND PRIX - RESULTS FROM 2012

Date:09 September 2012Race distance:306.720 kmCircuit length:5.793 kmNumber of laps:53

Pos.	Driver	Team	Total race	Grid
1	Lewis Hamilton	McLaren	1:19:41.221	1
2	Sergio Perez	Sauber	+4.3 secs	12
3	Fernando Alonso	Ferrari	+20.5 secs	10
4	Felipe Massa	Ferrari	+29.6 secs	3
5	Kimi Raikkonen	Lotus	+30.8 secs	7
6	Michael Schumacher	Mercedes	+31.2 secs	4
7	Nico Rosberg	Mercedes	+33.5 secs	6
8	Paul di Resta	Force India	+41.0 secs	9
9	Kamui Kobayashi	Sauber	+43.8 secs	8
10	Bruno Senna	Williams	+48.1 secs	13
11	Pastor Maldonado	Williams	+48.6 secs	22
12	Daniel Ricciardo	Toro Rosso	+50.3 secs	14
13	Jerome D'Ambrosio	Lotus	+75.8 secs	15
14	Heikki Kovalainen	Caterham	+ 1 Lap	17
15	Vitaly Petrov	Caterham	+ 1 Lap	18
16	Charles Pic	Marussia	+ 1 Lap	20
17	Timo Glock	Marussia	+ 1 Lap	19
18	Pedro de la Rosa	HRT	+ 1 Lap	23
19	Narain Karthikeyan	HRT	+ 1 Lap	21
20	Mark Webber	Red Bull Racing	DNF	11
21	Nico Hulkenberg	Force India	DNF	24
22	Sebastian Vettel	Red Bull Racing	DNF	5
	Jenson Button	McLaren	DNF	2
	Jean-Eric Vergne	Toro Rosso	DNF	16

<sup>\*</sup> DNF = did not finish

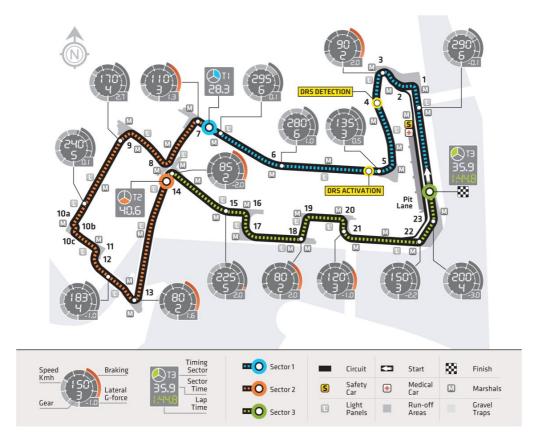
Pole position:	Lewis Hamilton	1:24.010
Fastest lap:	Nico Rosberg	1:27.239



# **CIRCUIT CHARACTERISTICS**

# SINGAPORE GRAND PRIX: SINGAPORE - NIGHT RACE

Date:	22 September 2013	Race distance:	309.316 km
Circuit length:	5.073 km	Number of laps:	61



The Marina Bay Street Circuit plays host to the Singapore Grand Prix, Formula One's first ever night race. Given its city setting, the circuit is popular with fans and teams for its easy access, allowing many of the drivers and engineers to simply walk from their hotels to the circuit. Drivers must negotiate tight racing lines, adjust to driving at night under a vast and sophisticated lighting system, and ensure their fitness to deal with the high levels of humidity.

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# SINGAPORE GRAND PRIX - RESULTS FROM 2012

**Date:** 23 September 2012 **Race distance:** 309.316 km

Circuit length: 5.073 km Number of laps: 61

Pos.	Driver	Team	Total race	Grid
1	Sebastian Vettel	Red Bull Racing	2:00:26.144	3
2	Jenson Button	McLaren	+8.9 secs	4
3	Fernando Alonso	Ferrari	+15.2 secs	5
4	Paul di Resta	Force India	+19.0 secs	6
5	Nico Rosberg	Mercedes	+34.7 secs	10
6	Kimi Raikkonen	Lotus	+35.7 secs	12
7	Romain Grosjean	Lotus	+36.6 secs	8
8	Felipe Massa	Ferrari	+42.8 secs	13
9	Daniel Ricciardo	Toro Rosso	+45.8 secs	15
10	Sergio Perez	Sauber	+50.6 secs	14
11	Mark Webber	Red Bull Racing	+67.1 secs	7
12	Timo Glock	Marussia	+91.9 secs	20
13	Kamui Kobayashi	Sauber	+97.1 secs	17
14	Nico Hulkenberg	Force India	+99.4 secs	11
15	Heikki Kovalainen	Caterham	+107.9 secs	19
16	Charles Pic	Marussia	+132.9 secs	21
17	Pedro de la Rosa	HRT	+ 1 Lap	24
18	Bruno Senna	Williams	+ 2 Laps	22
19	Vitaly Petrov	Caterham	+ 2 Laps	18
	Jean-Eric Vergne	Toro Rosso	DNF	16
	Michael Schumacher	Mercedes	DNF	9
	Pastor Maldonado	Williams	DNF	2
	Narain Karthikeyan	HRT	DNF	23
	Lewis Hamilton	McLaren	DNF	1

<sup>\*</sup> DNF = did not finish

Pole position:	Lewis Hamilton	1:46.362
Fastest lap:	Nico Hulkenberg	1:51.033

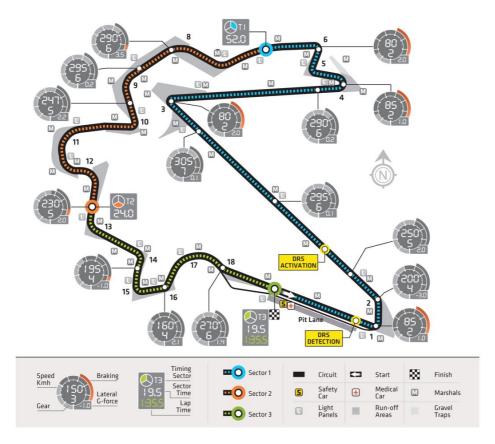
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# **CIRCUIT CHARACTERISTICS**

# FORMULA 1 KOREAN GRAND PRIX: YEONGAM

Date:	06 October 2013	Race distance:	308.630 km
Circuit length:	5.621 km	Number of laps:	55



The Korean Grand Prix represents an exciting new era for the sport in Asia. Entering its third season as an F1 race host, the new Yeongam Circuit is 5.62 km in length and situated in Yeongam, some 400 kilometres south of Seoul. A Hermann Tilke design, the site is part of a long-term plan that will see a marina and city built around the circuit, the first such endeavour to specifically use an F1 setting as its focal point.

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# **KOREAN GRAND PRIX - RESULTS FROM 2012**

Date:14 October 2012Race distance:308.630 kmCircuit length:5.807 kmNumber of laps:55

Pos.	Driver	Team	Total race	Grid
1	Sebastian Vettel	Red Bull Racing	1:36:28.651	2
2	Mark Webber	Red Bull Racing	+8.2 secs	1
3	Fernando Alonso	Ferrari	+13.9 secs	4
4	Felipe Massa	Ferrari	+20.1 secs	6
5	Kimi Raikkonen	Lotus	+36.7 secs	5
6	Nico Hulkenberg	Force India	+45.3 secs	8
7	Romain Grosjean	Lotus	+54.8 secs	7
8	Jean-Eric Vergne	Toro Rosso	+69.5 secs	16
9	Daniel Ricciardo	Toro Rosso	+71.7 secs	21
10	Lewis Hamilton	McLaren	+79.6 secs	3
11	Sergio Perez	Sauber	+80.0 secs	12
12	Paul di Resta	Force India	+84.4 secs	14
13	Michael Schumacher	Mercedes	+89.2 secs	10
14	Pastor Maldonado	Williams	+94.9 secs	15
15	Bruno Senna	Williams	+96.9 secs	17
16	Vitaly Petrov	Caterham	+ 1 Lap	18
17	Heikki Kovalainen	Caterham	+ 1 Lap	19
18	Timo Glock	Marussia	+ 1 Lap	20
19	Charles Pic	Marussia	+ 2 Laps	24
20	Narain Karthikeyen	HRT	+ 2 Laps	23
21	Pedro de la Rosa	HRT	DNF	22
-	Kamui Kobayashi	Sauber	DNF	13
	Nico Rosberg	Mercedes	DNF	9
	Jenson Button	McLaren	DNF	11

<sup>\*</sup> DNF = did not finish

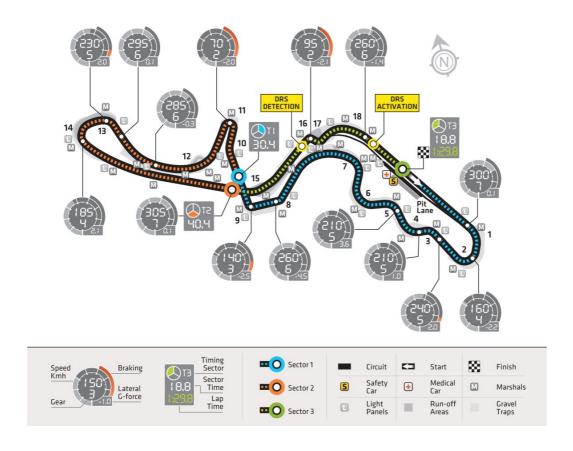
Pole position:	Mark Webber	1:37.242
Fastest lap:	Mark Webber	1:42.037



# **CIRCUIT CHARACTERISTICS**

# FORMULA 1 JAPANESE GRAND PRIX: SUZUKA

Date:	13 October 2013	Race distance:	307.471 km
Circuit length:	5.807 km	Number of laps:	53



Designed as a Honda test track in 1962, Suzuka is one of few circuits in the world to have a "figure 8" layout, where the back straight passes over the front via an overpass. Suzuka is another of the racer's favourite circuits with its exceptionally fast, flowing layout.



# JAPANESE GRAND PRIX - RESULTS FROM 2012

Date:7 October 2012Race distance:307.471 kmCircuit length:5.807 kmNumber of laps:53

Pos.	Driver	Team	Total race	Grid
1	Sebastian Vettel	Red Bull Racing	1:28:56.242	1
2	Felipe Massa	Ferrari	+20.6 secs	10
3	Kamui Kobayashi	Sauber	+24.5 secs	3
4	Jenson Button	McLaren	+25.0 secs	8
5	Lewis Hamilton	McLaren	+46.4 secs	9
6	Kimi Raikkonen	Lotus	+50.4 secs	7
7	Nico Hulkenberg	Force India	+51.1 secs	15
8	Pastor Maldonado	Williams	+52.3 secs	12
9	Mark Webber	Red Bull Racing	+54.6 secs	2
10	Daniel Ricciardo	Toro Rosso	+66.9 secs	14
11	Michael Schumacher	Mercedes	+67.7 secs	23
12	Paul di Resta	Force India	+83.4 secs	11
13	Jean-Eric Vergne	Toro Rosso	+88.6 secs	19
14	Bruno Senna	Williams	+88.7 secs	16
15	Heikki Kovalainen	Caterham	+ 1 Lap	17
16	Timo Glock	Marussia	+ 1 Lap	18
17	Vitaly Petrov	Caterham	+ 1 Lap	22
18	Pedro de la Rosa	HRT	+ 1 Lap	20
19	Romain Grosjean	Lotus	+ 2 Laps	4
	Charles Pic	Marussia	DNF	21
	Narain Karthikeyan	HRT	DNF	24
	Sergio Perez	Sauber	DNF	5
	Fernando Alonso	Ferrari	DNF	6
	Nico Rosberg	Mercedes	DNF	13

<sup>\*</sup> DNF = did not finish

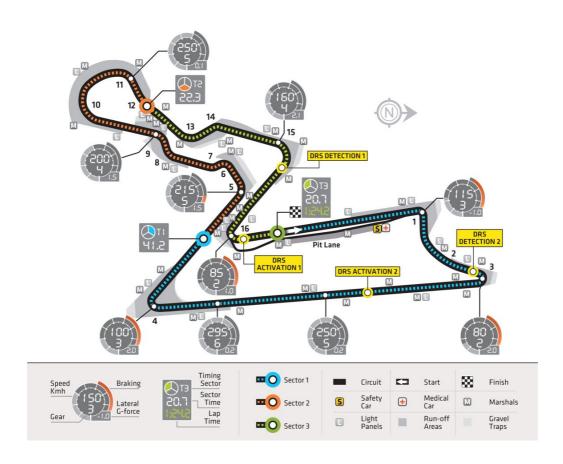
Pole position:	Sebastian Vettel	1:30.839
Fastest lap:	Sebastian Vettel	1:35.774



# **CIRCUIT CHARACTERISTICS**

# FORMULA 1 AIRTEL INDIAN GRAND PRIX: NEW DELHI

Date:27 October 2013Race distance:307.249 kmCircuit length:5.125 kmNumber of laps:60



On 30 October 2011, the inaugural Indian Grand Prix was held at the held at the Buddh International Circuit in Greater Noida. The new circuit was met with great enthusiasm, and interestingly, its design included input from many of the teams.

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# **INDIAN GRAND PRIX - RESULTS FROM 2012**

Date:28 October 2012Race distance:307.249 kmCircuit length:5.125 kmNumber of laps:60

Pos.	Driver	Team	Total race	Grid
1	Sebastian Vettel	Red Bull Racing	1:31:10.744	1
2	Fernando Alonso	Ferrari	+9.4 secs	5
3	Mark Webber	Red Bull Racing	+13.2 secs	2
4	Lewis Hamilton	McLaren	+13.9 secs	3
5	Jenson Button	McLaren	+26.2 secs	4
6	Felipe Massa	Ferrari	+44.6 secs	6
7	Kimi Raikkonen	Lotus	+45.2 secs	7
8	Nico Hulkenberg	Force India	+54.9 secs	12
9	Romain Grosjean	Lotus	+56.1 secs	11
10	Bruno Senna	Williams	+74.9 secs	13
11	Nico Rosberg	Mercedes	+81.6 secs	10
12	Paul di Resta	Force India	+82.8 secs	16
13	Daniel Ricciardo	Toro Rosso	+86.0 secs	15
14	Kamui Kobayashi	Sauber	+86.4 secs	17
15	Jean – Eric Vergne	Toro Rosso	+ 1 Lap	18
16	Pastor Maldonado	Williams	+ 1 Lap	9
17	Vitaly Petrov	Caterham	+ 1 Lap	19
18	Heikki Kovalainen	Caterham	+ 1 Lap	20
19	Charles Pic	Marussia	+ 1 Lap	24
20	Timo Glock	Marussia	+ 2 Laps	21
21	Narain Karthikeyan	HRT	+ 2 Laps	23
22	Michael Schumacher	Mercedes	+ 5 Laps	14
	Pedro de la Rosa	HRT	DNF	22
	Sergio Perez	Sauber	DNF	8

<sup>\*</sup> DNF = did not finish

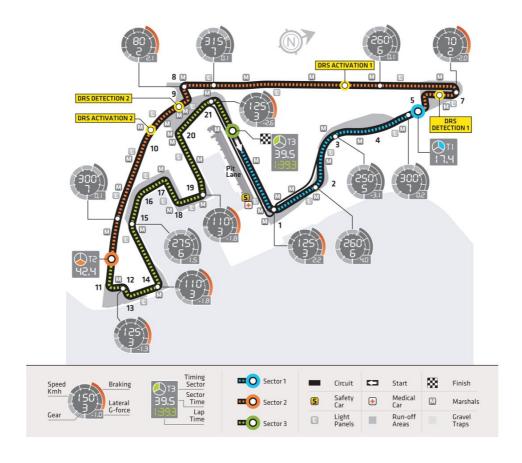
Pole position:	Sebastian Vettel	1:25.283
Fastest lap:	Jenson Button	1:28.203



# **CIRCUIT CHARACTERISTICS**

# ETIHAD AIRWAYS ABU DHABI GRAND PRIX: YAS MARINA

Date:	3 November 2013	Race distance:	305.355 km
Circuit length:	5.554 km	Number of laps:	55



The Abu Dhabi Grand Prix is Formula One's first ever day-night race, with a local start time of 17:00. Floodlights are activated from the start of the race to provide a transition into the evening.

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# **ABU DHABI GRAND PRIX - RESULTS FROM 2012**

Date:04 Nov 2012Race distance:305.361 kmCircuit length:5.554 kmNumber of laps:55

Pos.	Driver	Team	Total race	Grid
1	Kimi Raikkonen	Lotus	1:45:58.667	4
2	Fernando Alonso	Ferrari	+0.8 secs	6
3	Sebastian Vettel	Red Bull Racing	+4.1 secs	24
4	Jenson Button	McLaren	+7.7 secs	5
5	Pastor Maldonado	Williams	+13.0 secs	3
6	Kamui Kobayashi	Sauber	+20.0 secs	15
7	Felipe Massa	Ferrari	+22.8 secs	8
8	Bruno Senna	Williams	+23.5 secs	14
9	Paul di Resta	Force India	+24.1 secs	12
10	Daniel Ricciardo	Toro Rosso	+27.4 secs	16
11	Michael Schumacher	Mercedes	+28.0 secs	13
12	Jean-Eric Vergne	Toro Rosso	+34.9 secs	17
13	Heikki Kovalainen	Caterham	+47.7 secs	18
14	Timo Glock	Marussia	+56.4 secs	21
15	Sergio Perez	Sauber	+56.7 secs	11
16	Vitaly petrov	Caterham	+64.5 secs	20
17	Pedro de la Rosa	HRT	+71.7 secs	22
	Charles Pic	Marussia	DNF	19
	Romain Grosjean	Lotus	DNF	9
	Mark Webber	Red Bull Racing	DNF	2
	Lewis Hamilton	McLAren	DNF	1
	Narain Karthikeyan	HRT	DNF	23
	Nico Rosberg	Mercedes	DNF	7
	Nico Hulkenberg	Force India	DNF	10

<sup>\*</sup> DNF = did not finish

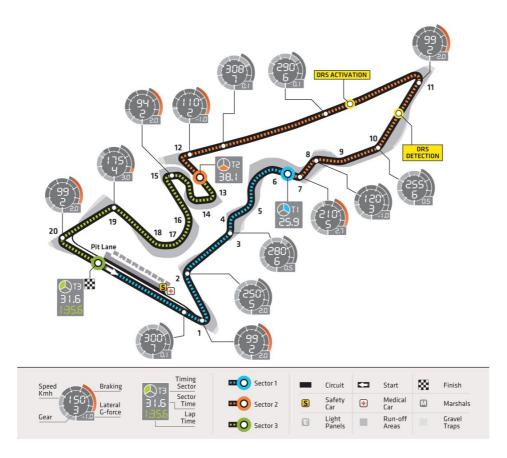
Pole position:	Lewis Hamilton	1:40.630
Fastest lap:	Sebastian Vettel	1:43.964



# **CIRCUIT CHARACTERISTICS**

# FORMULA 1 UNITED STATES GRAND PRIX: AUSTIN

Date:	17 November 2013	Race distance:	308.405 km
Circuit length:	5.513 km	Number of laps:	56



In 2012 The United States Grand Prix returned to the F1 calendar at Austin, Texas, the first Grand Prix on US soil since the 2007 race at the Indianapolis Motor Speedway. The track runs anticlockwise and features 20 corners, including sequences inspired by some of the most world's most celebrated circuits.

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# **USA GRAND PRIX - RESULTS FROM 2012**

Date:18 Nov 2012Race distance:308.405 kmCircuit length:5.513 kmNumber of laps:56

Pos.	Driver	Team	Total race	Grid
1	Lewis Hamilton	McLaren	1:35:55.269	2
2	Sebastian Vettel	Red Bull Racing	+0.6 secs	1
3	Fernando Alonso	Ferrari	+39.22 secs	7
4	Felipe Massa	Ferrari	+46.0 secs	11
5	Jenson Button	McLaren	+56.4 secs	12
6	Kimi Raikkonen	Lotus	+64.4 secs	4
7	Romain Grosjean	Lotus	+70.3 secs	8
8	Nico Hulkenberg	Force India	+73.7 secs	6
9	Pastor Maldonado	Williams	+74.5 secs	9
10	Bruno Senna	Williams	+75.1 secs	10
11	Sergio Perez	Sauber	+84.3 secs	15
12	Daniel Ricciardo	Toro Rosso	+84.8 secs	18
13	Nico Rosberg	Mercedes	+85.5 secs	17
14	Kamui Kobayashi	Auber	+ 1 Lap	16
15	Paul di Resta	Forec India	+ 1 Lap	13
16	Michael Schumacher	Mercedes	+ 1 Lap	5
17	Vitaly Petrov	Caterham	+ 1 Lap	21
18	Heikki Kovalainen	Caterham	+ 1 Lap	22
19	Timo Glock	Marussia	+ 1 Lap	19
20	Charles Pic	Marussia	+ 2 Laps	20
21	Pedro de la Rosa	HRT	+ 2 Laps	23
22	Narain Karthikeyan	HRT	+ 2 Laps	24
	Mark Webber	Red Bull Racing	DNF	3
	Jean-Eric Vergne	Toro Rosso	DNF	14

<sup>\*</sup> DNF = did not finish

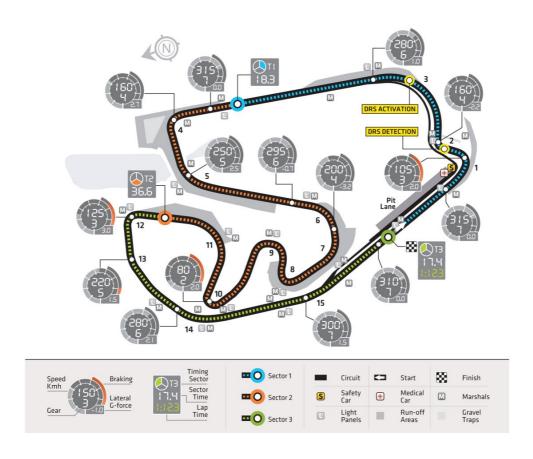
Pole position:	Sebastian Vettel	1:35.657
Fastest lap:	Sebastian Vettel	1:39.347



# **CIRCUIT CHARACTERISTICS**

**GRANDE PREMIO DO BRASIL: SAO PAULO** 

Date:24 November 2013Race distance:305.909 kmCircuit length:4.309 kmNumber of laps:71



Located in Sao Paulo, Interlagos includes the Autodromo Jose Carlos Pace race-track, home to the Brazilian Grand Prix. The Interlagos circuit has played host to some of the most exciting and memorable races in recent Formula One history, including Lewis Hamilton winning the World Championship on the last lap of the 2008 race. Regarded as one of the most challenging circuits in Grand prix racing, Alain Prost still holds the record with six victories in Brazil.

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# **BRAZILIAN GRAND PRIX - RESULTS FROM 2012**

Date:25 Nov 2012Race distance:305.909 kmCircuit length:4.309 kmNumber of laps:71

Pos.	Driver	Team	Total race	Grid
1	Jenson Button	Mclaren	1:45:22.656	2
2	Fernando Alonso	Ferrari	+2.7 secs	7
3	Felipe Massa	Ferrari	+3.6 secs	5
4	Mark Webber	Red Bull Racing	+4.9 secs	3
5	Nico Hulkenberg	Force India	+5.7 secs	6
6	Sebastian Vettel	Red Bull Racing	+9.4 secs	4
7	Michael Schumacher	Mercedes	+11.9 secs	13
8	Jean-Eric Vergne	Toro Rosso	+28.6 secs	17
9	Kamui Kobayashi	Sauber	+31.2 secs	14
10	Kimi Raikkonen	Lotus	+ 1 Lap	8
11	Vitaly Petrov	Caterham	+ 1 Lap	19
12	Charles Pic	Marussia	+ 1 Lap	22
13	Daniel Ricciardo	Toro Rosso	+ 1 Lap	15
14	Heikki Kovalainen	Caterham	+ 1 Lap	20
15	Nico Rosberg	Mercedes	+ 1 Lap	9
16	Timo Glock	Marussia	+ 1 Lap	21
17	Pedro de la Rosa	HRT	+ 2 Laps	24
18	Narain Karthikeyan	HRT	+ 2 Laps	23
19	Paul di Resta	Force India	+ 3 Laps	10
_	Lewis Hamilton	McLaren	DNF	1
	Romain Grosjean	Lotus	DNF	18
	Pastor Maldonado	Williams	DNF	16
	Bruno Senna	Williams	DNF	11
	Sergios Perez	Sauber	DNF	12

<sup>\*</sup> DNF = did not finish

Pole position:	Lewis Hamilton	1:12.458
Fastest lap:	Lewis Hamilton	1:18.069

# STATISTICAL HISTORY

# **BAHRAIN GRAND PRIX**

Year	Winner	Pole	Fastest Lap
2004	Michael Schumacher	Michael Schumacher	Michael Schumacher
2005	Fernando Alonso	Fernando Alonso	Pedro de la Rosa
2006	Fernando Alonso	Michael Schumacher	Nico Rosberg
2007	Felipe Massa	Felipe Massa	Felipe Massa
2008	Felipe Massa	Robert Kubica	Heikki Kovalainen
2009	Jenson Button	Jarno Trulli	Jarno Trulli
2010	Fernando Alonso	Sebastian Vettel	Fernando Alonso
2011	N.A.	N.A.	N.A.
2012	Sebastian Vettel	Sebastian Vettel	Sebastian Vettel

Driver	2004	2005	2006	2007	2008	2009	2010	2011	2012
Sebastian Vettel	-	-	-	-	DNF	2 <sup>nd</sup>	4 <sup>th</sup>	N.A.	1 st
Mark Webber	8 <sup>th</sup>	6 <sup>th</sup>	6 <sup>th</sup>		7 <sup>th</sup>	11 <sup>th</sup>	8 <sup>th</sup>	N.A.	4 <sup>th</sup>
Jenson Button	3 <sup>rd</sup>	DNF	4 <sup>th</sup>	DNF	DNF	1 st	7 <sup>th</sup>	N.A.	18 <sup>th</sup>
Lewis Hamilton	-	-	-	2 <sup>nd</sup>	13 <sup>th</sup>	<b>4</b> <sup>th</sup>	3 <sup>rd</sup>	N.A.	8 <sup>th</sup>
Michael Schumacher	1 st			-	-	-	6 <sup>th</sup>	N.A.	10 <sup>th</sup>
Nico Rosberg	-	-	7 <sup>th</sup>	10 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	5 <sup>th</sup>	N.A.	5 <sup>th</sup>
Fernando Alonso	6 <sup>th</sup>	1 st	<b>1</b> st	5 <sup>th</sup>	10 <sup>th</sup>	8 <sup>th</sup>	1 st	N.A.	7 <sup>th</sup>
Felipe Massa	12 <sup>th</sup>	7 <sup>th</sup>	9 <sup>th</sup>	1 st	1 st	14 <sup>th</sup>	2 <sup>nd</sup>	N.A.	9 <sup>th</sup>
Kimi Räikkönen	DNF	3rd	3 <sup>rd</sup>	3rd	2 <sup>nd</sup>	6 <sup>th</sup>	-		2 <sup>nd</sup>
Nico Hülkenberg	-	-	-	-	-	-	14 <sup>th</sup>	N.A.	12 <sup>th</sup>
Vitaly Petrov	-	-	-	-	-	-	DNF	N.A.	16 <sup>th</sup>
Heikki Kovalainen	-	-	-	9 <sup>th</sup>	5 <sup>th</sup>	12 <sup>th</sup>	15 <sup>th</sup>	N.A.	17 <sup>th</sup>
Bruno Senna	-	-	-	-	-	-	DNF	N.A.	22 <sup>nd</sup>
Timo Glock	-	-	-	-	9 <sup>th</sup>	7 <sup>th</sup>	DNF	N.A.	19 <sup>th</sup>
Pedro de la Rosa	-	5 <sup>th</sup>	-	-	-	-	DNF	N.A.	20 <sup>th</sup>
Kamui Kobayashi	-	-	-	-	-	-	DNF	N.A.	13 <sup>th</sup>

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# THE BAHRAIN GRAND PRIX CONSTRUCTORS STATISTICS

	2004	2005	2006	2007	2008	2009	2010	2011	2012
Vodafone McLaren Mercedes	DNF/DNF	3/5	3/5	2/5	5 / 13	4/12	3/7	N.A.	8 / DNF
Mercedes AMG Petronas F1 Team	-	-	-	-	-	-	5/6	N.A.	5 / 10
Infiniti Red Bull Racing	-	-	8 / 10	DNF/DNF	7 / 18	2/11	4/8	N.A.	1/4
Scuderia Ferrari	1/2	9 / DNF	2/9	1/3	1/2	6/14	1/2	N.A.	7/9
Williams F1 Team	7 / 13	6 / DNF	6/7	10 / 11	8/14	9 / DNF	10 / 14	N.A.	DNF/DNF
Sahara Force India F1 Team	-	-	-	-	12 / 19		9 / 12	N.A.	6/12
Lotus F1 Team	4/6	1 / DNF	1 / DNF	8/9	10 / DNF	8 / 10	11 / DNF	N.A.	2/3
Scuderia Toro Rosso	-	-	11 / 13	DNF/DNF	15 / DNF	13 / 17	13 / 16	N.A.	14/15
HRT F1 Team	-	-	-	-	-	-	-	N.A.	20 / 21
Caterham F1 Team	-	-	-	-	-	-	-	N.A.	16/17
Marussia Racing F1 Team	-	-	-	-	-	-	-	N.A.	19 / DNF
Sauber F1 Team	11 / 12	7 / 11	12 / DNF	4/6	3 / 4	18 / 19	DNF/DNF	N.A.	11 / 13

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# 2012 FIA FORMULA ONE WORLD CHAMPIONSHIP STATISTICS

# POLE POSITIONS, WINNERS, FASTEST LAPS

GRAND PRIX	POLE POSITION	WINNER	FASTEST LAP		
AUSTRALIA	Lewis Hamilton	Jenson Button	Jenson Button		
MALAYSIA	Lewis Hamilton	Fernando Alonso	Kimi Raikkonen		
CHINA	Nico Rosberg	Nico Rosberg	Kamui Kobayashi		
BAHRAIN	Sebastain Vettel	Sebastian Vettel	Sebastian Vettel		
SPAIN	Pastor Maldonado	Pastor Maldonado	Romain Grosjean		
MONACO	Mark Webber	Mark Webber	Sergio Perez		
CANADA	Sebastian Vettel	Lewis Hamilton	Sebastian Vettel		
EUROPE	Sebastian Vettel	Fernando Alonso	Nico Rosberg		
GREAT BRITAIN	Fernando Alonso	Mark Webber	Kimi Raikkonen		
GERMANY	Fernando Alonso	Fernando Alonso	Michael Schumacher		
HUNGARY	Lewis Hamilton	Lewis Hamilton	Sebastian Vettel		
BELGIUM	Jenson Button	Jenson Button	Bruno Senna		
ITALY	Lewis Hamilton	Lewis Hamilton	Nico Rosberg		
SINGAPORE	Lewis Hamilton	Sebastian Vettel	Nico Hulkenberg		
JAPAN	Sebastian Vettel	Sebastian Vettel	Sebastian Vettel		
KOREA	Mark Webber	Sebastian Vettel	Mark Webber		
INDIA	Sebastian Vettel	Sebastian Vettel	Jenson Button		
ABU DHABI	Lewis Hamilton	Kimi Raikkonen	Sebastian Vettel		
USA	Sebastian Vettel	Lewis Hamilton	Sebastian Vettel		
BRAZIL	Lewis Hamilton	Jenson Button	Lewis Hamilton		



# TEAM: INFINITI RED BULL RACING



# **Team Information**

Headquarters: Milton Keynes, Buckinghamshire, United Kingdom

Telephone: + 44 1908 279700

Fax: + 44 1908 279810

Website: www.infiniti-redbullracing.com

**Team Principal:** Christian Horner

Chief Technical Officer: Adrian Newey

Chief Designer: Rob Marshall

Head of Aerodynamics: Peter Prodromou Team Manager: Jonathan Wheatley Head of Communications: Katie Tweedle

Press Officers: Britta Roeske (Sebastian Vettel), Barbara Proske

Car: RB9 Renault RS27

**Engine:** Renault **Fuel:** Total Group

Formula 1 Debut: Australian Grand Prix, Melbourne, 2005

Constructors Title's: 3 (2010, 2011, 2012)

GP Starts: 149 GP Wins: 35 Pole Positions: 48 Fastest Laps: 30

Championship Points: 1942.5

\*All points are calculated as of China 2013

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#### **DRIVERS: INFINITI RED BULL RACING**



#### **Driver Information:**

Sebastian Vettel Nationality: German Date of Birth: 03/07/1987 Residence: Switzerland Marital Status: Single

Website: www.sebastianvettel.de

Formula 1 Debut: United States Grand Prix, Indianapolis, 2007

GP Starts: 104 GP Wins: 28

Pole Positions: 38 Podium Places: 48 Fastest Laps: 16

Championship Points: 1,106

Best Result in F1: F1 Driver's World Champion 2010, 2011, 2012

#### Career:

2013 Infiniti Red Bull Racing 2009-2012 Red Bull Racing

2008 Scuderia Toro Rosso

2007 BMW Sauber and Scuderia Toro Rosso

2006 Formula 3 Euro and BMW Sauber – Formula One Test driver

**2005** Formula 3 Euro Series

2003-2004 Formula BMW

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#### **DRIVERS: INFINITI RED BULL RACING**



# **Driver Information:**

Mark Webber

Nationality: Australian Date of Birth: 27/08/1976

Residence: UK

Marital Status: Partner Ann

Website: www.markwebber.com

Formula 1 Debut: Australian Grand Prix, Melbourne, 2002

GP Starts: 199 GP Wins: 9

Pole Positions: 11 Podium Places: 35 Fastest Laps: 14

Championship Points: 874.5

Best Result in F1: 2012: Monaco, Great Britain, 2011: Brazil 2010: Spain, Monaco, Britain, Hungary

Career: 2013 Infinti Red Bull Racing

**2007-2012** Red Bull Racing

2006 Williams-Cosworth

2005 BMW Williams

2003-2004 Jaguar

2002 KL Minardi Asiatech

2001 Benetton Renault Sport Formula One Test driver

2000 FIA International F3000 Championship

1999 AMG Mercedes Sportscar Team

1998 FIA GT Championship

1997 British Formula 3 Championship

1996 British Formula Ford Championship & 1995 Australian Formula Ford Championship

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# TEAM: SCUDERIA FERRARI



#### **Team Information**

Headquarters: Via A. Ascari 55-57, 41053 Maranello (MO), ITALY

Telephone: +39 0536 949 450

Fax: +39 0536 949 049 Website: www.ferrari.com

Team Principal: Stefano Domenicali

Technical Director: Pat Fry

Head of Race Engineering: Steve Clark

Chief Designer: Nikolas Tombazis

Engine and Electronics: Luca Marmorini

Head of Motorsport Communications: Renato Bisignani

Car: Ferrari F138 Engine: Ferrari 056

Fuel: Shell

Formula 1TM debut: 1950 Constructors' titles: 16

GP starts: 855 GP wins: 220 Pole positions: 207 Fastest laps: 227

Championship points: 5839

\*All points are calculated as of China 2013

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**DRIVERS: SCUDERIA FERRARI** 



# **Driver Information:**

Fernando Alonso Nationality: Spanish Date of Birth: 29/07/1981

Residence: Spain Marital Status: Single

Website: www.fernandoalonso.com

Formula 1 Debut: Australian Grand Prix, Melbourne, 2001

GP Starts: 200 GP Wins: 31

Pole Positions: 22 Podium Places: 87 Fastest Laps: 20

Championship Points: 1407

Best Result in F1: F1 Driver's World Champion 2005 & 2006

#### Carrer:

2010 - 2013 Scuderia Ferrari

2008 - 2009 ING Renault F1 Team

2007 McLaren Mercedes

2006 Formula 1TM World Champion with Renault

2005 Formula 1TM World Champion with Renault

2003 - 2006 Renault

2002 Renault – Test driver

2001 Minardi

2000 International F3000 &1999 Euro Open by Nissan Champion

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**DRIVERS: SCUDERIA FERRARI** 



# **Driver Information:**

Felipe Massa

Nationality: Brazlian Date of Birth: 25/04/1981 Residence: Monaco Marital Status: Married

Website: www.felipemassa.com

Formula 1 Debut: Australian Grand Prix, Melbourne, 2002

GP Starts: 175 GP Wins: 11

Pole Positions: 15 Podium Places: 35 Fastest Laps: 14

Championship Points: 726

Best Result in F1:

2012: Monaco, Great Britain, 2011: Brazil 2010: Spain, Monaco, Britain, Hungary

#### Career:

2006-2012 Scuderia Ferrari 2004-2005 Sauber Petronas 2003 Ferrari -Test driver 2002 Sauber Petronas

2001 F3000 Champion

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# **TEAM: VODAFONE MCLAREN MERCEDES**



#### **Team Information**

Headquarters: McLaren Technology Centre, Chertsey Road, Woking, Surrey, GU21 4YH, Great Britain

Telephone: +44 1483 261 900

Fax: 44 1483 261 963

Website: www.mclaren.com

**Team Principal**: Martin Whitmarsh **Technical Director**: Tim Goss

Director of design & development programmes: Neil Oatley

**Team Manager**: David Redding **Managing Director**: Jonathan Neale

Head of communications and public relations: Matt Bishop

Car: Vodafone McLaren Mercedes MP4-28

Engine: Mercedes-Benz FO 108F

Fuel: ExxonMobil High Performance Unleaded (5.75% bio fuel)

Formula 1 Debut: 1966 Constructors Title's: 8

GP Starts: 725 GP Wins: 182 Pole Positions: 155 Fastest Laps: 152

**Championship Points:** 4772.5 \*All points are calculated as of China 2013

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# **DRIVERS: VODAFONE MCLAREN MERCEDES**



#### **Driver Information:**

Jenson Button Nationality: British

Date of Birth: 19/01/1980 Residence: Monaco Marital Status: Single

Website: www.jensonbutton.com

Formula 1 Debut: Australian Grand Prix, Melbourne, 2000

GP Starts: 233 GP Wins: 15 Pole Positions: 8 Podium Places: 49 Fastest Laps: 8

Championship Points: 1011

Best Result in F1: F1 Driver's World Champion 2009

#### Career:

2010-Present McLaren 2009 Brawn GP F1 Team 2006 – 2008 Honda 2003-2005 BAR 2002 Renault 2001 Benetton 2000 BMW Williams

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# **DRIVERS: VODAFONE MCLAREN MERCEDES**



#### **Driver Information:**

Sergio Perez

Nationality: Mexican Date of Birth: 26/01/1990 Residence: Monaco Marital Status: Single

Website: www.sergioperez.com

Formula 1 Debut: Australian Grand Prix, Melbourne, 2011

GP Starts: 41 GP Wins: 0 Pole Positions: 0 Podium Places: 3 Fastest Laps: 2

Championship Points: 82

Best Result in F1: 2 x 2<sup>nd</sup> Place finish AT Malaysian and Italian GP

#### Career:

2013 - Present McLaren 2011 - 2012: Sauber F1

2009 -2010: GP2 (Arden International; Barwa Addax Team)

2008 -2010: GP2 Asia Series 2008 - British Formula 3

2006 - 2007: A1 Grand Prix, Team Mexico



#### **TEAM: LOTUS F1 TEAM**



#### **Team Information**

Headquarters: Whiteways Technical Centre, Enstone, Oxfordshire, OX7 4EE, UK

Telephone: +44 1608 678 000

Fax: +44 1608 678 609 Website: lotusf1team.com

Twitter: twitter.com/Lotus\_F1Team

Facebook: facebook.com/LotusF1Team

Google+: bit.ly/SSSelC

YouTube: youtube.com/lotusf1team Instagram: instagram.com/LotusF1Team Pinterest: pinterest.com/LotusF1Team

LinkedIn: linkedin.com/company/lotus-f1-team

Chairman: Gerard Lopez

Chief Executive Officer: Patrick Louis
Chief Operating Officer: Thomas Mayer

**Team Principal:** Eric Boullier **Technical Director:** James Allison

Trackside Operations Director: Alan Permane

Chief Designer: Martin Tolliday

Head of Aerodynamics: Dirk de Beer Race Team Manager: Paul Seaby Race Engineer, Car 7: Mark Slade Race Engineer, Car 8: Ayao Komatsu

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Media & Accreditation Bahrain International Circuit P.O. Box 26381 Sakhir Kingdom of Bahrain Chassis: Lotus F1 Team E21 Engine: Renault R\$27-2013

Fuel: Total

## Constructors' World Championships: 3

1995, Benetton/Renault (Michael Schumacher, Johnny Herbert) 2005 & 2006, Renault (Fernando Alonso, Giancarlo Fisichella)

# Drivers' World Championships: 4

1994 Michael Schumacher, Benetton/Ford 1995 Michael Schumacher, Benetton/Renault 2005 & 2006, Fernando Alonso, Renault

Debut: 1981 San Marino Grand Prix

**Grand Prix Starts: 518** 

Wins: 48
Podiums: 175
Pole Positions: 36
Front Row Starts: 70
Fastest Laps: 55

World Championship Points: 2256.5

\*All points are calculated as of China 2013

**DRIVERS: LOTUS F1 TEAM** 



## **Driver Information:**

Name: Kimi Räikkönen

Date of Birth: 17 October 1979 Place of Birth: Espoo, Finland

Nationality: Finnish

Official Website: <a href="http://kimiraikkonen.com/">http://kimiraikkonen.com/</a>

Official Facebook Fan Page: <a href="https://www.facebook.com/kimiraikkonen">https://www.facebook.com/kimiraikkonen</a>

Grand Prix Contested: 180 World Championships: 1

Race Wins: 20 Podiums: 71 Pole Positions: 16 Fastest Laps: 37

Championship Points: 804

Best Result in F1: F1 Driver's World Champion 2007

#### Career:

2012-2013: Lotus F1 Team 2011: WRC, ICE1 Racing

2010: WRC, Citroen Junior Team 2007-2009: Scuderia Ferrai 2002-2006: McLaren Mercedes

2001: Sauber Petronas

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Media & Accreditation Bahrain International Circuit P.O. Box 26381 Sakhir Kingdom of Bahrain **DRIVERS: LOTUS F1 TEAM** 



Name: Romain Grosjean Date of Birth: 17 April 1986

Place of Birth: Geneva, Switzerland

Nationality: French

Official Website: <a href="http://www.romaingrosjean.com/">http://www.romaingrosjean.com/</a> Official Twitter Feed: <a href="https://twitter.com/RGrosjean">https://twitter.com/RGrosjean</a>

Official Facebook Fan Page: <a href="https://www.facebook.com/grosjeanromain">https://www.facebook.com/grosjeanromain</a>

**Grand Prix Contested: 30** 

GP Wins: 0 Pole Positions: 0 Podium Places: 3 Fastest Laps: 1

Championship Points: 98

Best Result in F1: 2012: 3rd Bahrain, 2nd Montreal, 3rd Hungary

Career:

2012-2013: Lotus F1 Team

2010-2011: GP2, Dams (2011 Champion)

2009: Renault F1 Team2009: GP2, Barwa Addex2008: GP2 , ART Grand Prix

2007: Champion, Formula 3 Euro Series, ASM Formule 3



## **TEAM: MERCEDES AMG PETRONAS F1 TEAM**



#### **Team Information**

Headquarters: Mercedes-Benz Grand Prix Ltd., Brackley, Northamptonshire NN13 7BD, UK

Telephone: +44 1280 844 000

Fax: +44 1280 844 001

Website: www.mercedes-amg-f1.com

Executive Director: Toto Wolff Team Principal: Ross Brawn Technical Director: Bob Bell

Communications Manager: Nicola Armstrong

**Car:** F1 W04

Engine: Mercedes-Benz

Fuel: PETRONAS

Formula 1 Debut: 1954 Constructors Title's: 0

GP Starts: 73 GP Wins: 12 Pole Positions: 10 Fastest Laps: 12

Championship Points: 738

\*All points are calculated as of China 2013

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#### **DRIVERS: MERCEDES AMG PETRONAS F1 TEAM**



# **Driver Information:**

Lewis Hamilton Nationality: British

Date of Birth: 07/01/1985 Residence: Monaco Marital Status: Single

Website: www.lewishamilton.com

Formula 1 Debut: Australian Grand Prix, Melbourne, 2007

GP Starts: 113 GP Wins: 21

Pole Positions: 27 Podium Places: 51 Fastest Laps: 12

Championship Points: 953

Best Result in F1: F1 Driver's World Champion 2008

## Career:

2013-Present – MERCEDES AMG PETRONAS 2007 -2012: Vodafone McLaren Mercedes

2006 GP2 Champion

2005 F3 Euroseries Champion

2003 British Formula Renault Champion

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#### **DRIVERS: MERCEDES AMG PETRONAS F1 TEAM**



## **Driver Information:**

Nico Rosberg

Nationality: German Date of Birth: 27/06/1985 Residence: Monaco Marital Status: Single

Website: www.nicorosberg.com

Formula 1 Debut: Bahrain Grand Prix, 2006

GP Starts: 131 GP Wins: 1 Pole Positions: 1 Podium Places: 7 Fastest Laps: 4

Championship Points: 411.5

Best Result in F1: Won the 2012 Chinese Grand Prix

#### Career:

2010-Present MERCEDES AMG PETRONAS

2006-2009 AT&T Williams

2005 BMW WilliamsF1 - Test Driver

2005 GP2 Champion 2003-2004 F3 Euroseries

2002 German Formula BMW

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# **TEAM: SAUBER F1 TEAM**



## **Team Information**

Headquarters: Sauber F1 Team Wildbachstr. 9 8340 Hinwil Switzerland

Telephone: +41 44 937 9000

Fax: +41 44 937 9001

Website: www.sauberf1team.com

**Team Principal:** Monisha Kaltenborn Marketing Director: Alex Sauber Team Manager: Beat Zehnder **Operations Director:** Axel Kruse Chief Designer: Matt Morris

Head of Track Engineering: Tom McCullough

Head of Aerodynamics: Willem Toet

Head of Communication: Hanspeter Brack, Phone: +41 44 937 9450, Mobil: +41 79 770 18 19

E-mail: hanspeter.brack@sauber-motorsport.com

Car: Sauber C32 Engine: Ferrari

Fuel: no information

Formula 1TM debut: 1993 Constructors' titles: 0

GP starts: 349 GP wins: 1 Pole positions: 1 Fastest laps: 4

Championship points: 722

\*All points are calculated as of China 2013

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## **DRIVERS: SAUBER F1 TEAM**



# **Driver Information:**

Nico Hulkenberg Nationality: German Date of Birth: 19/08/1987 Residence: Switzerland Marital Status: Single

Website: www.nico-huelkenberg.net

Formula 1 Debut: Bahrain Grand Prix, 2010

GP Starts: 42 GP Wins: 0 Pole Positions: 1 Podium Places: 0 Fastest Laps: 1

Championship Points: 90

Best Result in F1: 4th Belgium Grand Prix 2012

## Carrer:

2013 Sauber F1 Team

2011-2012 Sahara Force India (Test Driver in 2011)

**2010** Willams F1

2009 GP2 Series Champion

2008 Formula 3 Euroseries Champion

2006-07 A1GP Teams Champion (Germany)

2005 Formula BMW ADAC Champion

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## **DRIVERS: SAUBER F1 TEAM**



#### **Driver Information:**

Esteban Gutiérrez Nationality: Mexican Date of Birth: 05/08/1991 Residence: Switzerland Marital Status: Single

Website: www.estebanracing.com

Formula 1 Debut: Australian Grand Prix, Melbourne 2013

GP Starts: 3 GP Wins: 0 Pole Positions: 0 Podium Places: 0 Fastest Laps: 0

Championship Points: 0

#### Career:

2013 Sauber F1 Team

2011-2012 Sauber F1 Team test and reserve driver

2011-2012 GP2 Series

2010 GP3 Series (Won Championship)

2009-2010 Formula Three Euroseries

2009-2010 British F3

2008 Formula BMW Europe (Won Championship)

2007 Formula BMW USA

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# **TEAM: SAHARA FORCE INDIA F1 TEAM**



#### **Team Information**

Headquarters: Dadford Road, Silverstone, Towcester, Northamptonshire NN12 8TJ, UK

Telephone: +44 1327 850 800

Fax: +44 1327 857 993

Website: www.saharaforceindiaf1.com

Team Principal: Vijay Mallya
Chairman: Subrata Roy Sahara
Technical Director: Andrew Green
Deputy Team Principal: Robert Fernley
Chief Operating Officer: Otmar Szafnauer

Press Officer: Will Hings

Car: VJM06

Engine: Mercedes-Benz

Fuel: Mobil 1

Formula 1 Debut: Australian Grand Prix, Melbourne, 2008

Constructors Title's: 0

GP Starts: 96 GP Wins: 0 Pole Positions: 1 Fastest Laps: 2

Championship Points: 273 \*All points are calculated as of China 2013

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## **TEAM: SAHARA FORCE INDIA F1 TEAM**



#### **Driver Information:**

Paul Di Resta

Nationality: British (Scotland) Date of Birth: 16/04/1986 Residence: Monaco Marital Status: Single

Website: www.pauldiresta.com

Formula 1 Debut: Australian Grand Prix, Melbourne, 2011

GP Starts: 42 GP Wins: 0 Pole Positions: 0 Podium Places: 0 Fastest Laps: 0

Championship Points: 81

Best Result in F1: 4th at Singapore Grand Prix, 2012

Career:

2011- Present: Sahara Force India Formula One Team

2008-2010: DTM HWA Team.

2010: Champion

2007: DTM, Persson Motorsport



## **DRIVERS SAHARA FORCE INDIA F1 TEAM**



#### **Driver Information:**

Adrian Sutil

Nationality: German Date of Birth: 11/01/1983 Residence: Switzerland Marital Status: Single

Website: www.adriansutil.com

Formula 1 Debut: Australian Grand Prix, Melbourne, 2007

GP Starts: 93 GP Wins: 0 Pole Positions: 0 Podium Places: 0 Fastest Laps: 1

Championship Points: 101

Best Result in F1: 4th at Italian Grand Prix, Monza, 2009

Career:

2008- Present: Sahara Force India F1 Team

2007: Spyker F1 Team

2003-2006: Formula three Euroseries Team Kolles



#### **TEAM: WILLIAMS F1 TEAM**

WILLIAMS FI TEAM



#### **Team Information**

Headquarters: Williams, Grove, Wantage Oxfordshire OX12 0DQ UK

Telephone: +44 1235 777 700

Fax: +44 1235 764705

Website: www.williamsf1.com

Team Principal: Frank Williams and Deputy Team principal: Claire Williams

**Technical Director:** Mike Coughlin **Chief Executive Officer:** Alex Burns **Team Manager:** Dickie Stanford

Chief Designer: Ed Wood

Head of Aerodynamics: Jason Somerville

Chief Engineer: Xevi Pujolar

Head of Partnerships & Communications: Isobel Camier

Phone: +44 1235 777 882 E-Mail: isobel.camier@williamsf1.com

Media Manager: Sophie Eden Phone: +44 1235 777924 Email: sophie.eden@williamsf1.com

Car: Williams Renault FW35

Engine: Renault
Fuel: Not specified
Formula 1TM debut: 1975
Constructors' titles: 9

GP starts: 595 GP wins: 114 Pole positions: 127 Fastest laps: 131

Championship points: 2760 \*All points are calculated as of China 2013

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**DRIVERS: WILLIAMS F1 TEAM** 



## **Driver Information:**

Pastor Maldonado

Nationality: Venezuelan Date of Birth: 09/03/1985

Residence: Maracay, Venezuela Marital Status: Married to Gaby

Website: www.pastormaldonado.com

Formula 1 Debut: Australian Grand Prix, Melbourne 2011

GP Starts: 42 GP Wins: 1 Pole Positions: 1 Podium Places: 1 Fastest Laps: 0

Championship Points: 46

Best Result in F1: 1st Spanish Grand Prix 2012

Career::

2011-2013: Williams F1 Team
2010 GP2: Rapax Team
2009 GP2: ART Grand Prix
2008 GP2: Piquet Sports
2007 GP2: Trudent Racing
2003-2006: Formula Renault

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**DRIVERS: WILLIAMS F1 TEAM** 



#### **Driver Information:**

Valtteria Bottas Nationality: Finish

Date of Birth: 28/08/1989 Residence: Oxfordshire, UK Marital Status: Single

Website: was as wellteribett

Website: www.valtteribottas.com

Formula 1 Debut: Australian Grand Prix, Melbourne 2013

GP Starts: 3 GP Wins: 0 Pole Positions: 0 Podium Places: 0 Fastest Laps: 0

Championship Points: 0

Career:

2013: Williams F1 Team

2012: Official Reserve Driver, Williams F1 Team

2011: GP3 Series (Won Championship)

**2009-2010:** Formula 3 Euro Series **2009:** Formula Three Euroseries

2007 - 2008: Formula Renault (Won Championship 2008)

2007: Formula Renault UK Winter Series

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## **TEAM: SCUDERIA TORO ROSSO**



## **Team Information**

Headquarters: Scuderia Toro Rosso S.p.A., Via Spallanzani 21, 48018 Faenza RA, Italy

Telephone: +39.0546.696111

Fax: +39.0546.620998

Website: www.tororosso.com

Team Owner: Dietrich Mateschitz

**Team Principal**: Franz Tost **Technical Director**: James Key

Head of Vehicle Performance: Laurent Mekies

**Chief Designer**: Luca Furbatto **Sporting Director**: Steven Nielsen

**Head of Communications**: Eric Silbermann **Senior Press Officer**: Marieluise Mammitzsch

Car: STR8

Engine: Ferrari 056

Formula 1 Debut: Bahrain Grand Prix, 2006

Constructors Title's: 0

GP Starts: 131 GP Wins: 1 Pole Positions: 1 Fastest Laps: 0

Championship Points: 143

\* All points are calculated as of China 2013

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## **DRIVERS: SCUDEROA TORO ROSSO**



#### **Driver Information:**

Jean-Eric Vergne Nationality: French

Date of Birth: 25/04/1990 Residence: Switzerland Marital Status: Single

Website: www.jeanericvergne.com

Formula 1 Debut: Australian Grand Prix, Melbourne, 2012

GP Starts: 23 GP Wins: 0 Pole Positions: 0 Podium Places: 0 Fastest Laps: 0

Championship Points: 17

Best Result in F1: 8th at the Malaysia, Belgium, Korea and Brazil Grand Prix, 2012

#### Career:

2012- Present :Formula 1 driver Scuderia Toro Rosso

2011 Formula Renault 3.5 WSR - 2nd, Friday practice driver for Scuderia Toro Rosso in 3 Grands Prix

2010 British Formula 3 – 1st Test drives with Red Bull Racing and Scuderia Toro Rosso

2009 European Formula Renault – 2nd

2008 French Formula Renault – 1st

2007 French Formula Campus – 1st

2006 France Elite Championship – 2nd

2005 European Championship - 2nd

2004 France Junior Championship- 2nd,

2006 – 2000: Karting

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## **DRIVERS: SCUDEROA TORO ROSSO**



#### **Driver Information:**

Daniel Ricciardo

Nationality: Australian Date of Birth: 01/07/1989

Residence: UK Marital Status: Single

Website: www.danielricciardo.com

Formula 1 Debut: British Grand Prix, Silverstone, 2011

GP Starts: 34 GP Wins: 0 Pole Positions: 0 Podium Places: 0 Fastest Laps: 0

**Championship Points: 16** 

Best Result in F1: 9th at the Australian, Belgium, Singapore and Korea Grand Prix, 2012

#### Career:

2012-Present: Formula 1 driver Scuderia Toro Rosso

2011 Formula 1 – Scuderia Toro Rosso – Friday practice driver then full time F1 drive with Hispania

Racing from the British GP to the end of the season

2010 Formula Renault 3.5 Series – 2nd , Formula 1 – Toro Rosso test driver

2009 British Formula 3 Championship – 1st

2008 Formula Renault 2.0 WEC - 1st

2007 Formula Renault 2 litre Italy – 6th

2006 Formula BMW Asia - 3rd

2005 Western Australia Formula Ford Championship

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F +973 1745 1112 media@bic.com.bh

www.bahraingp.com



# **TEAM: CATERHAM F1 TEAM**



# **Team Information**

Headquarters; Caterham F1 Team, Leafield Technical Centre, Langley, Oxfordshire, UK OX29 9EF

Telephone +44 1953 851411 Website www.caterhamf1.com

Team Principal: Cyril Abiteboul Chief Technical Officer: Mark Smith Team Manager: Graham Watson

Head of Communications: Tom Webb tom.webb@caterhamf1.com

Car CT03

Engine Renault RS27-2013

**Fuel** Total

Formula 1TM debut 2010 Constructors' titles 0

**GP starts** 61

GP wins 0

Pole positions 0 Fastest laps 0

Championship points 0

\*All points are calculated as of China 2013

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# **DRIVERS: CATERHAM F1 TEAM**



## **Driver Information:**

Charles Pic

Nationality: French Date of Birth: 15/02/1990 Residence: France Marital Status: Single

Website: www.charlespic.com

Formula 1 Debut: Australian Grand Prix, Melbourne 2012

GP Starts: 23 GP Wins: 0 Pole Positions: 0 Podium Places: 0 Fastest Laps: 0

Championship Points: 0

Career:

2013: Caterham F1 Team2012: Marussia F1 Team

2011: GP2 & GP2 Asia Series, Barwa Addax Team

**2010:** GP2 Series, Arden International **2009:** GP2 Asia Series, Arden International

2008: Formula Renault 3.5 Series

## **DRIVERS: CATERHAM F1 TEAM**



#### **Driver Information:**

Giedo van der Garde Nationality: Dutch

Date of Birth: 04/25/1985 Residence: Amsterdam Marital Status: Single

Website: www.giedovandergarde.com

Formula 1 Debut: Australian Grand Prix, Melbourne 2013

GP Starts: 3 GP Wins: 0 Pole Positions: 0 Podium Places: 0 Fastest Laps: 0

Championship Points: 0

Career:

2009-2012: GP2 Series

2008-2009-2011: GP2 Asia Series

2007-2008: Formula Renault 3.5 Series (Won Championship 2008)

2004-2006: Formula Three Euroseries

**TEAMS: MARUSSIA F1 TEAM** 



## **Team Information**

Headquarters: Marussia Technical Centre, Banbury, Oxfordshire, OX16 4PN, UK

Telephone: +44 (0)1295 225910 Website: www.marussiaf1team.com

Team Principal: John Booth

Chief Executive Officer: Andy Webb

**Sporting Director & President:** Graeme Lowdon

Technical Consultant: Pat Symonds

PR & Communications Director: Tracy Novak

Car: MR02

Engine: Cosworth CA2013K

Fuel: BP Castrol

Formula 1 Debut: Bahrain Grand Prix, Sakhir, 2010

Constructors Title's: 0

GP Starts: 63 GP Wins: 0 Pole Positions: 0 Fastest Laps: 0

Championship Points: 0

\*All points are calculated as of China 2013

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## **DRIVERS: MARUSSIA F1 TEAM**



# **Driver Information:**

Jules Bianchi

Nationality: French Date of Birth: 03/08/1983 Residence: France Marital Status: Single

Website: www.jules-bianchi.com

Formula 1 Debut: Australian Grand Prix, Melbourne, 2013

GP Starts: 3 GP Wins: 0 Pole Positions: 0 Podium Places: 0 Fastest Laps: 0

Championship Points: 0

Best Result in F1: N/A

Career:

2013 - Present: Marussia F1 Team

2010-11: GP2 Series

2009-10-2011: GP2 Asia Series

2009, 2012: Formula Renault 3.5 Series

2009: British Formula Three 2008–09: Formula 3 Euro Series 2007: French Formula Renault 2.0 2007: Eurocup Formula Renault 2.0

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## **DRIVERS: MARUSSIA F1 TEAM**



# **Driver Information:**

Max Chilton

Nationality: British

Date of Birth: 21/04/1981

Residence: UK Marital Status: Single

Website: www.maxchilton.com

Formula 1 Debut: Australian Grand Prix, Melbourne, 2013

GP Starts: 3 GP Wins: 0 Pole Positions: 0 Podium Places: 0 Fastest Laps: 0

Championship Points: 0

Best Result in F1: N/A

#### Career:

2013: Marussia F1 Team 2010–2012: GP2 Series

2009–10–2011: GP2 Asia Series 2009: Formula Renault 3.5 Series 2007–09: British Formula Three

2007: Le Mans Series

2007: Star Mazda Championship 2005: T Cars Autumn Trophy

2005-06: T Cars

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# **DRIVER WORLD CHAMPIONS 2012 - 1982**

Year	Driver	Nat.	Team	Points	Wins	Poles
2012	Sebastian Vettel	GER	RBR-Renault	281	5	6
2011	Sebastian Vettel	GER	RBR-Renault	392	11	15
2010	Sebastian Vettel	GER	RBR-Renault	256	5	10
2009	Jenson Button	GBR	Brawn Mercedes	95	6	6
2008	Lewis Hamilton	GBR	McLaren Mercedes	98	5	7
2007	Kimi Räikkönen	FIN	Ferrari	110	6	3
2006	Fernando Alonso	ESP	Renault	134	7	6
2005	Fernando Alonso	ESP	Renault	133	7	6
2004	Michael Schumacher	GER	Ferrari	148	13	8
2003	Michael Schumacher	GER	Ferrari	93	6	5
2002	Michael Schumacher	GER	Ferrari	144	11	9
2001	Michael Schumacher	GER	Ferrari	123	9	11
2000	Michael Schumacher	GER	Ferrari	108	9	9
1999	Mika Häkkinen	FIN	McLaren Mercedes	76	5	11
1998	Mika Häkkinen	FIN	McLaren Mercedes	100	8	9
1997	Jacques Villeneuve	CAN	Williams Renault	81	7	10
1996	Damon Hill	GBR	Williams Renault	97	8	9
1995	Michael Schumacher	GER	Benetton Renault	102	9	4
1994	Michael Schumacher	GER	Benetton Ford	92	8	6
1993	Alain Prost	FRA	Williams Renault	99	7	13
1992	Nigel Mansell	GBR	Williams Renault	108	9	14
1991	Ayrton Senna	BRA	McLaren Honda	96	7	8
1990	Ayrton Senna	BRA	McLaren Honda	78	6	10
1989	Alain Prost	FRA	McLaren Honda	76/81 *	4	2
1988	Ayrton Senna	BRA	McLaren Honda	90/94 *	8	13
1987	Nelson Piquet	BRA	Williams Honda	73/76 *	3	4
1986	Alain Prost	FRA	McLaren TAG Porsche	72/74 *	4	1
1985	Alain Prost	FRA	McLaren TAG Porsche	73/76 *	5	2
1984	Niki Lauda	AUT	McLaren TAG Porsche	72	5	0
1983	Nelson Piquet	BRA	Brabham BMW	59	3	1
1982	Keke Rosberg	FIN	Williams Ford	44	1	1
-	•					

<sup>\*</sup> not including / including deleted points

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# **DRIVERS WORLD CHAMPIONS 1981 – 1950**

Year	Driver	Nat.	Team	Points	Wins	Poles
1981	Nelson Piquet	BRA	Brabham	50	3	4
1980	Alan Jones	AUS	Williams	67	5	3
1979	Jody Scheckter	S AFRICA	Ferrari	51	3	1
1978	Mario Andretti	USA	Lotus Ford	64	6	8
1977	Niki Lauda	AUT	Ferrari	72	3	2
1976	James Hunt	GBR	McLaren Ford	69	6	8
1975	Niki Lauda	AUT	Ferrari	64.5	5	9
1974	Emerson Fittipaldi	BRA	McLaren Ford	55	3	2
1973	Jackie Stewart	GBR	Tyrrell Ford	71	5	3
1972	Emerson Fittipaldi	BRA	Lotus Ford	61	5	3
1971	Jackie Stewart	GBR	Tyrrell Ford	62	6	6
1970	Jochen Rindt	AUT	Lotus Ford	45	5	3
1969	Jackie Stewart	GBR	Matra Ford	63	6	2
1968	Graham Hill	GBR	Lotus Ford	48	3	2
1967	Denny Hulme	NZE	Brabham Repco	51	2	0
1966	Jack Brabham	AUS	Brabham Repco	42/45 *	4	3
1965	Jim Clark	GBR	Lotus Climax	54	6	6
1964	John Surtees	GBR	Ferrari	40	2	2
1963	Jim Clark	GBR	Lotus Climax	54/73 *	7	7
1962	Graham Hill	GBR	BRM	42/52 *	4	1
1961	Phil Hill	USA	Ferrari	34/38 *	2	5
1960	Jack Brabham	AUS	Cooper Climax	43	5	3
1959	Jack Brabham	AUS	Cooper Climax	31/34 *	2	1
1958	Mike Hawthorn	GBR	Ferrari	42/49 *	1	4
1957	Juan-Manuel Fangio	ARG	Maserati	40/46 *	4	4
1956	Juan-Manuel Fangio	ARG	Lancia / Ferrari	30/33 *	3	5
1955	Juan-Manuel Fangio	ARG	Mercedes	40/41 *	4	3
1954	Juan-Manuel Fangio	ARG	Mercedes / Maserati	42/57 *	6	5
1953	Alberto Ascari	ITA	Ferrari	34.5/46.5 *	5	6
1952	Alberto Ascari	ITA	Ferrari	36/52.5 *	6	5
1951	Juan-Manuel Fangio	ARG	Alfa Romeo	31/37 *	3	4
1950	Guiseppe Farina	ITA	Alfa Romeo	30	3	2

<sup>\*</sup>not including / including deleted points

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# **CONSTRUCTOR WORLD CHAMPIONS 2012 - 1982**

Year	Constructor	Points	Driver
2012	Red Bull Racing-Renault	460	S. Vettel, M. Webber
2011	Red Bull Racing-Renault	650	S. Vettel, M. Webber
2010	Red Bull Racing-Renault	498	S. Vettel, M. Webber
2009	Brawn Mercedes	172	J. Button, R. Barrichello
2008	Ferrari	172	K. Räikkönen, F. Massa
2007	Ferrari	204	K. Räikkönen, F. Massa
2006	Mild Seven Renault F1	206	F. Alonso, G. Fisichella
2005	Mild Seven Renault F1	191	F. Alonso, G. Fisichella
2004	Ferrari	262	M. Schumacher, R. Barrichello
2003	Ferrari	158	M. Schumacher, R. Barrichello
2002	Ferrari	221	M. Schumacher, R. Barrichello
2001	Ferrari	179	M. Schumacher, R. Barrichello
2000	Ferrari	170	M. Schumacher, R. Barrichello
1999	Ferrari	128	M. Schumacher, E. Irvine
1998	McLaren Mercedes	156	M. Häkkinen, D. Coulthard
1997	Williams Renault	123	J. Villeneuve, HH. Frentzen
1996	Williams Renault	175	D. Hill, J. Villeneuve
1995	Benetton Renault	137	M. Schumacher, J. Herbert
1994	Williams Renault	118	A. Senna, D. Hill, D. Coulthard, N. Mansell
1993	Williams Renault	168	A. Prost, D. Hill
1992	Williams Renault	164	N. Mansell, R. Patrese
1991	McLaren Honda	139	A. Senna, G. Berger
1990	McLaren Honda	121	A. Senna, G. Berger
1989	McLaren Honda	141	A. Prost, A. Senna
1988	McLaren Honda Turbo	199	A. Senna, A. Prost
1987	Williams Honda Turbo	137	N. Piquet, N. Mansell, R. Patrese
1986	Williams Honda Turbo	141	N. Mansell, N. Piquet
1985	McLaren TAG Porsche Turbo	90	A. Prost, N. Lauda, J. Watson
1984	McLaren TAG Porsche Turbo	143.5	N. Lauda, A. Prost
1983	Ferrari Turbo	89	P. Tambay, R. Arnoux
1982	Ferrari Turbo	74	G. Villeneuve, D. Pironi, P. Tambay, M.

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## **CONSTRUCTOR WORLD CHAMPIONS 1981 - 1958**

Year	Constructor	Points	Driver
1981	Williams Ford	95	A. Jones, C. Reutemann
1980	Williams Ford	120	A. Jones, C. Reutemann
1979	Ferrari	113	J. Scheckter, G. Villeneuve
1978	Lotus Ford	86	Mario Andretti, R. Peterson, J. P. Jarier
1977	Ferrari	95	N. Lauda, C. Reutemann, G. Villeneuve
1976	Ferrari	83	N. Lauda, C. Regazzoni, C. Reutemann
1975	Ferrari	72.5	N. Lauda, C. Regazzoni
1974	McLaren Ford	73	E. Fittipaldi, D. Hulme
1973	Lotus Ford	92	E. Fittipaldi, R. Peterson
1972	Lotus Ford	61	E. Fittipaldi, D. Walker, R. Wisell
1971	Tyrrell Ford	73	J. Stewart, F. Cevert
1970	Lotus Ford	59	J. Rindt, R. Wisell, E. Fittipaldi, J. Miles
1969	Matra Ford (Tyrrell)	66	J. Stewart, J. P. Beltoise, J. Servoz-Gavin
1968	Lotus Ford	62	G. Hill, J. Clark, J. Oliver
1967	Brabham Repco	63	D. Hulme, J. Brabham
1966	Brabham Repco	42/49 *	J. Brabham, D. Hulme
1965	Lotus Climax	54/59 *	J. Clark, M. Spence
1964	Ferrari	45/49 *	J. Surtees, L. Bandini
1963	Lotus Climax	54/74 *	J. Clark, T. Taylor
1962	BRM	42/56 *	G. Hill, R. Ginther
1961	Ferrari	40/52 *	P. Hill, W. von Trips, R. Ginther, G.
1960	Cooper Climax	48/58 *	J. Brabham, B. McLaren, H. Taylor,
1959	Cooper Climax	40/53 *	J. Brabham, J. L. Trintignant, B. McLaren,
1958	Vanwall	48/57 *	S. Moss, T. Brooks, S. Lewis-Evans

<sup>\*</sup> not including / including deleted points

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# **DRIVERS' RECORDS**

World titles			
1 2 3 4 = = = = 5 = = = = = = = = = = = = = =	M. Schumacher JM. Fangio A. Prost J. Brabham J. Stewart N. Piquet A. Senna S. Vettel A. Ascari G. Hill J. Clark E. Fittipaldi M. Häkkinen	7 5 4 3 3 3 3 3 2 2 2 2 2	
=	F. Alonso	2	

GP wins			
1 2 3 4 5 6 7 8 = 9 10	M. Schumacher A. Prost A. Senna N. Mansell F. Alonso S.Vettel J.Stewart J. Clark N. Lauda JM. Fangio N. Piquet	91 51 41 31 31 28 27 25 25 24 23	

	Fastest laps					
1 2 3 4 5 7 8 = 9 10 = =	M. Schumacher A. Prost K. Räikkönen N. Mansell J. Clark N. Lauda J. M. Fangio N. Piquet G. Berger F. Alonso S. Moss A. Senna D. Hill	77 41 38 30 28 24 23 21 19 19 19				

GP starts				
1	R. Barrichello	326		
2	M. Schumacher	308		
3	R. Patrese	256		
=	J. Trulli	256		
4	J. Button	233		
5	G. Fisichella	229		
6	A. de Cesaris	208		
7	N. Piquet	204		
8	J. Alesi	201		

Poles				
1	M. Schumacher	68		
2	A. Senna	65		
3	J. Clark	33		
=	A. Prost	33		
4	S. Vettel	38		
5	N. Lauda	24		
6	N. Piquet	26		

Championship points					
1	M. Schumacher	1566			
2	F. Alonso	1407			
3	S. Vettel	1106			
4	J. Button	1011			
5	L. Hamilton	953			
6	M. Webber	874.5			
7	A. Prost	768.5			
8	K. Räikkönen	804			
9	R. Barrichello	658			
10	A. Senna	614			

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<sup>\*</sup>All points are calculated as of China 2013

# **CONSTRUCTORS' RECORDS**

	World titles	
1	Ferrari	16
2	Williams	9
3	McLaren	8
4	Honda	6
5	Lotus	3
=	Red Bull	3
6	Cooper	2
=	Brabham	2
=	Renault	2
=	Benetton	2

GP wins			
1	Ferrari	220	
2	McLaren	182	
3	Williams	114	
4	Lotus	48	
5	Brabham	35	
=	Renault	35	
6	Redbull	34	
7	Benetton	27	
8	Tyrrell	23	
9	BRM	17	

Fastest laps			
1	Ferrari	227	
2	McLaren	151	
3	Williams	131	
4	Lotus	54	
5	Brabham	41	
6	Benetton	36	
7	Renault	29	
=	Red Bull	30	
8	Tyrrell	20	
9	Maserati	15	
=	BRM	15	

GP starts				
1	Ferrari	855		
2	McLaren	725		
3	Williams	595		
4	Lotus	518		
5	Tyrrell	430		
6	Brabham	394		
7	Sauber	349		
9	Minardi	340		
9	Ligier	326		
10	Renault	300		

1 – 2 wins		
1	Ferrari	75
2	McLaren	47
3	Williams	33
4	Red Bull	10
5	Brabham	8
=	Tyrrell	8
6	Cooper	6
7	Brawn GP	3

	Championship points*		
1	Ferrari	5839	
2	McLaren	4772.50	
3	Williams	2760	
4	Lotus	2256.5	
5	Red Bull	1942.50	
5	Renault	1082	
6	Brabham	983	
7	Benetton	861.5	
9	Sauber	722	
10	Mercedes	738	

\*Total points since 1950

	Pole Positions	
1	Ferrari	207
2	McLaren	156
3	Williams	127
4	Honda	77
5	Renault	51
6	Brabham	39
7	Lotus	36
8	Red Bull	46
9	Benetton	15
10	Tyrrell	14

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#### 2013 FIA FORMULA ONE WORLD CHAMPIONSHIP

#### **NEW RULES IN 2013**

There are some small but important changes to the F1 regulations for 2013.

## Changes to the 2013 Technical Regulations

- The size and dimensions of Formula One cars are tightly controlled by the regulations. They must be no more than 180cm wide. The length and height of the car are effectively governed by other specific parameters.
- For example, bodywork ahead of the rear wheel centre line must be a maximum of 140cm wide and bodywork behind no more than 100cm wide.
- The strict regulations mean that the teams inevitably end up with very similarly sized cars. A typical car will be in the region of 463cm long, 180cm wide and 95cm high.
- The minimum weight of the car and driver has been increased from 640kg to 642kg to compensate for the slightly increased weight of Pirelli's 2013 tyres. The mandatory weight distribution has also been adjusted accordingly.
- With the exception of the rear wing, moveable bodywork is not allowed. Furthermore, any system, device or procedure, which uses driver movement as a means of altering the aerodynamic characteristics of the car's bodywork, is prohibited.
- Teams have the option of tidying up the aesthetics of their cars in 2013 with the introduction of new regulations aimed at improving the look of 'ugly' stepped noses first seen in 2012. A small piece of laminate - nicknamed a 'modesty' or 'vanity' panel - may now be used to smooth the nose section.
- Cars may be equipped with moveable rear wings, which allow the driver to control the wing's
  angle of incidence (within specified limits) from the cockpit. However, during the race the
  system is electronically governed and is only available when a driver is less than one second
  behind another car at pre-determined points on the track. The system is then deactivated
  once the driver brakes. In combination with KERS, this is designed to boost overtaking.
- Certain sections of bodywork, such as the front wing endplates, are required to be sufficiently thick to prevent tyre damage to other cars.
- Bodywork that flexes excessively can be used to gain an aerodynamic advantage, therefore specific sections of the bodywork, such as the front wing, that must be sufficiently rigid to pass the FIA's deflection tests. These tests were made more stringent ahead of the 2013 season.
- To make F1 cars ever safer, tougher new crash tests on roll structures and the survival cell have been introduced for 2013. Furthermore, every chassis that a team produces, as opposed to just one, will now be subject to a static load test of the survival cell.

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Media & Accreditation
Bahrain International Circuit
P.O. Box 26381
Sakhir
Kingdom of Bahrain
T +973 1745 1059
T +973 1745 1158
F +973 1745 1112

media@bic.com.bh

www.bahraingp.com

# Changes to the 2013 Sporting Regulations

- For safety reasons, in 2013 drivers are only able to utilise the Drag Reduction System (DRS)
  overtaking aid within the designated DRS zones during practice and qualifying. Previously
  drivers had been free to deploy the system as they pleased in these sessions
- In 2012 Mercedes developed a clever concept whereby air was channelled through an opening in the rear-wing endplate when DRS was activated and then fed through the car to help stall the front wing. For 2013 active drag reducing systems involving the DRS, such as this, have been banned
- The team personnel curfew which prevents team members from being in the paddock during specified periods has been extended from six to eight hours on Thursday nights for 2013. The number of exceptions allowed during a season has also been reduced from four to two
- The 'force majeure' allowance relating to when a car stops on the track during qualifying has been deleted from the regulations. For 2013 any car that stops on the track must have enough fuel for the mandatory one-litre minimum sample plus an additional amount proportional to the amount of fuel that would have been used in returning to the pits (determined by the FIA)
- Not an actual regulation change, but as the official 2013 entry list comprises 22 cars two fewer than in 2012 - six cars rather than seven will now be eliminated at the end of both Q1 and Q2
- Championship entry fees have been revised. Red Bull, as constructors' champions, were
  required to pay U\$\$500,000 plus U\$\$6000 for each point gained in the 2012 World Constructors'
  Championship to enter the 2013 championship. Every other team was required to pay a basic
  fee of U\$\$500,000 plus U\$\$5000 for each point scored in 2012

#### **FORMULA 1 REGULATION**

Formula 1 is an extremely dynamic global sport where teams are required to adhere to specific regulations laid out by the FIA. A reminder of some of these regulations, many of which may even be unknown to the sport's most enthusiastic fans, appear below:

## **Sporting Regulations**

Car Livery: Teams must run their two cars with essentially the same race livery throughout the season and must seek prior approval for any major changes. In addition, there are a number of requirements that apply to liveries for all cars and teams. Every car must carry its driver's race number, which must be clearly visible from the front of the car, and the driver's name must appear on the external bodywork of the car. The team's name or emblem must also appear on the nose of the car. To help distinguish between a team's two cars, the onboard cameras, which sit on top of the main rollover structure, are coloured differently. On the first car it must remain as it is supplied to the team (black) and on the second car it must be predominantly fluorescent yellow.

Classification: A commonly asked question is how drivers can be given a placing in the official race results even though they retired before the end of the race. The explanation can be found within the FIA regulations regarding classification. These state that any driver who completed at least 90 per cent of the race distance will be classified, whether or not he was running when the winner took the chequered flag. If a race is stopped before the full distance and a result is declared, the classification will reflect the race order at the end of the lap two laps prior to that on which the race was stopped. For example, if a race is stopped on lap 60, the classification will be as it was at the end of lap 58.

**Drag Reduction System (DRS):** Use of the Drag Reduction System (DRS) overtaking aid (which alters the angle of the rear wing flap to reduce drag) is strictly controlled. Drivers are free to activate the DRS as they wish within the designated DRS zones during practice and qualifying, but during the race they may only activate it when they are within one second of the car in front (indicated to him via a dashboard light) at the DRS detection point. The DRS is disabled (resetting the rear wing flap to its original position) the first time the driver uses the brakes after activation. In race conditions the DRS is available for use after two laps but the race director may choose to suspend its use in poor weather conditions or if there are yellow flags in the DRS activation zone.

**Driver Changes and additional drivers:** Teams may use up to four drivers during a season, all of whom may score points in the championship. A driver change may be made with the permission of the stewards any time before the start of qualifying. The new driver must use the engine and tyres allocated to the original driver. On top of this, in each of Friday's two practice sessions teams may run additional drivers, though each team is still limited to two cars. Any holder of a Super License may run as an additional driver, but stewards must be informed of a team's plans before the end of initial scrutineering on the Thursday prior to practice.

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**Officials:** At every Grand Prix there are seven key race officials who monitor and control the activities of the stewards and marshals to ensure the smooth and safe operation of the event in accordance with FIA regulations. Five of the seven officials are nominated by the FIA, while the other two key officials are nominated by the National Sporting Authority (ASN) of the host country. These are the clerk of the course and an additional steward (who must be a national of the host nation).

**Points**: The top ten finishers in each Grand Prix score points towards both the drivers' and the constructors' world championships, according to the following scale:

1st: 25 points 2nd: 18 points 3rd: 15 points 4th: 12 points 5th: 10 points 6th 8 points 7th: 6 points 8th: 4 points 9th: 2 points 10th: 1 point

The first three drivers will be presented with trophies on the podium. The drivers' and constructors' championship titles are awarded to the driver and constructor who score the most points over the course of the season. In the case of a dead heat for a championship place then the driver or constructor with the higher number of superior race results will be awarded the place.

**Testing**: Since 2009 teams have been limited to 15,000 test kilometres during a calendar year. Young driver training (one three-day test per year) and promotional events do not count towards this total. Testing can only take place at FIA-approved sites and, ahead of a session, teams must inform the governing body of their schedule so that an observer can be appointed if deemed necessary.

# **Technical Aspects**

**Bodywork and Dimensions:** The size and dimensions of Formula One cars are tightly controlled by the regulations. They must be no more than 180cm wide. The length and height of the car are effectively governed by other specific parameters. For example, bodywork ahead of the rear wheel centre line must be a maximum of 140cm wide and bodywork behind no more than 100cm wide. The strict regulations mean that the teams inevitably end up with very similarly sized cars. A typical car will be in the region of 463cm long, 180cm wide and 95cm high. With the exception of the rear wing, moveable

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bodywork is not allowed. Furthermore, any system, device or procedure, which uses driver movement as a means of altering the aerodynamic characteristics of the car's bodywork, is prohibited.

**Weight:** Cars must weigh at least 642kg (including the driver but not fuel) at all times. Cars are weighed with dry-weather tyres fitted. Teams may use ballast to bring cars up to weight but it must be firmly secured to the cars. Ballast may not be removed or added during a race.

Brake system: Formula One cars must have one brake system operated through a single brake pedal. However, the system must comprise two hydraulic circuits - one for the front wheels and one for the rear. Should one circuit fail the other must remain operational. Power brakes and anti-lock braking systems (ABS) are not allowed - brake pressure must be controlled by the driver's physical input only and not by any other system. Each wheel must have no more than one brake disc of 278mm maximum diameter and 28mm maximum thickness. Each disc must have only one aluminium caliper, with a maximum of six circular pistons, and no more than two brake pads. The size of the air ducts used to cool the brakes is strictly controlled and they must not protrude beyond the wheels. The use of liquid to cool the brakes is forbidden.

**Safety Structure:** The construction of Formula One cars and the materials used are strictly controlled by the regulations to maximise their safety. The main structure of the car comprises a safety cell which contains the cockpit plus the fuel tank, which is housed immediately behind (but separated from) the driver. This safety cell must meet minimum size requirements, including an impact-absorbing structure immediately in front of it, and an additional impact-absorbing structure at the rear, behind the gearbox. The car also must have two roll structures to protect the driver in the event of the car overturning.

**Electrical:** The electrical and software systems of all cars are inspected by the FIA at the start of the season and the teams must notify them in advance of any subsequent changes. All teams must use the same FIA-specification Electronic Control Unit (ECU) for controlling engine and gearbox. All software must be registered with the FIA, who check all the programmable systems on the cars prior to each event to ensure that the correct software versions are being used. Electronic systems, which can automatically detect the race start signal, are forbidden. In the event of an accident, each car must be fitted with a warning light, which is connected to the FIA data logger. In the cockpit, every car must have a track signal information display which informs the driver of circuit conditions via red, blue and yellow lights (corresponding to the colours of the track marshals' flags).

**Engines**: Formula One engines may be no more than 2.4 litres in capacity. They must have eight cylinders in a 90-degree formation, with two inlet and two exhaust valves per cylinder. They must be normally aspirated, weigh at least 95 kilograms and be rev-limited to 18,000rpm. The only other permitted power source is a Kinetic Energy Recovery System (KERS), which takes waste energy generated under braking and turns it into additional power. This is then made available to the driver in

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fixed quantities per lap via a steering wheel-mounted boost button. Turbochargers, superchargers and devices designed to pre-cool air before it enters the engine's cylinders are not allowed.

**Fuel:** Formula One cars run on petrol, the specification of which is not that far removed from that used in regular road cars. Indeed, the FIA regulations state that the rules are "intended to ensure the use of fuels which are predominantly composed of compounds normally found in commercial fuels and to prohibit the use of specific power-boosting chemical compounds." All fuel must comply with strict requirements and prior to each race the teams must supply the FIA with two separate five-litre samples for analysis and approval. Additional samples can then be taken during the event to ensure that there is no discrepancy between the fuel being used and that previously supplied in the samples.

**Television**: Throughout the Grand Prix weekend all cars must be fitted with at least five housings for cameras, which are used to provide on-board TV footage. The positions of the housings are specified in the regulations and the one mounted on top of the air box immediately behind the driver's head must always contain a camera. All cars must also be fitted with two timing transponders supplied by the officially appointed timekeepers. These transponders allow the timekeepers to record every lap time of every car throughout the weekend.

# **RACE FLAGS**

FLAG	MEANING	
BLACK – with orange disc and driver's number	Warns driver of apparent mechanical failure	
HALF BLACK, HALF WHITE – with driver's number	Warns of unsporting behaviour. May be followed by a black flag	
BLACK – with driver's number	Driver must pit stop and report to clerk of the course	
BLACK & WHITE – chequered flag	End of race	
BLUE - waved	A faster car is behind, trying to overtake (overlap)	
GREEN	Previously warned hazard is now cleared, proceed at race speed	
RED	Race stopped	
WHITE	A slow vehicle is on the circuit	
YELLOW - one	Danger ahead, proceed at reduced speed and with caution	
YELLOW - two	Great danger ahead, be prepared to stop	
YELLOW – with red stripes	Slippery surface ahead	



#### **CURIOUS F1 FACTS**

- This year's Formula One World Championship sees only 11 teams competing compared to last year's 12 as a result of the HRT Formula 1 Team not entering in 2013
- As the official 2013 entry list therefore comprises 22 cars two fewer than in 2012 six cars rather than seven will now be eliminated at the end of both Q1 and Q2
- Five drivers will make their Formula One debut in 2013: Esteban Gutiérrez (Sauber), Valtteri Bottas (Williams), Max Chilton and Jules Bianchi (both Marussia) and Giedo van der Garde (Caterham)
- Numbers are assigned according to the finishing order to the previous season. The previous season's champion is awarded number 1, and his teammate is designated number 2, and so on. No driver is allotted number 13
- The 2013 Formula One World Championship will have 19 scheduled race weekends, The European Grand Prix, held at Valencia in 2012, will not be taking place in 2013
- Only one team has changed its name for the 2013 season: Red Bull Racing is now Infiniti-Red Bull Racing
- Approximately 80,000 components come together to make an F1 car.
- Formula 1 drivers are subjected to forces of up to 5G when racing meaning that in a very high-speed corner, their body will experience pressure five times greater than their body weight
- When an F1 driver hits the brakes on his car he experiences retardation or deceleration comparable to a regular car driving through a brick wall at 300kmph
- After a race, it takes the team at least eight working hours to dismantle a car, test and replace individual components and reassemble the car.
- A 2.4 litre, eight-cylinder F1 engine weighs less than 100 kilos
- An F1 car can accelerate from 0 to 100 kph in about 2.6 seconds. It can reach 200 kph in less than 5 seconds.
- The Cockpit temperature reaches 50 degrees Centigrade meaning on average, an F1 driver sheds approximately 2kg in weight during a F1 race
- A Formula 1<sup>™</sup> driver changes gear approximately 2,600 times throughout a race. It has been calculated that one engine makes 8 million ignitions during a Grand Prix
- The cars have more than a kilometre of cable linking approximately 100 sensors to help monitor performance and to control the car
- In one Grand Prix weekend the team uses a maximum of 1,200 litres of fuel, between 60 and 80 litres of engine oil and up to 30 litres of transmission oil
- Small aircrafts take off at a slower speed when compared to F1 cars, owing to the improved aerodynamic structure of these cars that generate tremendous down force

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#### SUPPORT RACES

### **GP 2 SERIES**

Since its inception in 2005 the GP2 Series has firmly established itself on the world stage as one of the premier one-make racing championships in the world. The combination of a fast, safe, high tech car with a talent pool of the best up-and-coming drivers in single-seater motorsport has made the series a must-see for fans of real racing.

Ten out of twenty-fours drivers of the current Formula One grid got their chance to race at the pinnacle of motorsport after proving their worth in the GP2 Series. In fact, 55 drivers so far have received the opportunity to drive an F1 car as a result of their time in GP2 since we began.

Since 2005, drivers have graduated from GP2 to F1 every year, from our first ever champion Nico Rosberg to our latest crowned ace Davide Valsecchi. Five of our eight Champions are racing in F1 this season proving if need be that GP2 is the natural path to the pinnacle of motorsport.

Once again, 2013 promises more of the same as 26 drivers fight to follow in the footsteps of their now famous forebears all the way to the top.

The series provides an opportunity for our drivers to show their ability in front of the F1 teams as they compete on world-renowned circuits throughout Europe, while a new generation of car is created on a tri-annual basis, with upgrades throughout its life, to ensure that the challenge for the teams is also maintained.

Our partner Pirelli, one of the most respected names in top level automotive expertise, allows the GP2 Series to constantly evolve and, along with further relationships with a host of committed suppliers, to create a category which is both affordable, and technologically advanced.

The series also benefits from close ties to the FIA, the governing body of world motorsport, and FOM: the FIA scrutineer the cars and oversee the running of all GP2 events, while FOM's unparalleled expertise in the broadcasting and marketing of the GP2 Series has ensured that it has truly global reach and appeal.

As the GP2 SeriesTM starts its eighth season of competition we look forward to providing ever more excitement for our fans, as the best young drivers in the world fight for their place with the cream of racing talent in Formula 1.

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#### The Values

Since its inception the GP2 Series TM was designed to reflect five core values: performance, cost control, entertainment, safety and preparation. The sporting and technical regulations are the blueprint of the championship and are only changed if the proposed modifications fit into the template formed by these values, which remain the guiding principles of the GP2 Series TM.

#### **Performance**

GP2 laptimes are highly competitive with the final few rows on the F1 grid, proving that there isn't another junior formula which can match the performance levels of the GP2 Series TM. Engines which provide over 612bhp, no electronic gizmos such as traction control or power steering, plus ground effects and proper slick tyres make the GP2 cars powerful and tricky beasts to handle.

### Cost control

Operating at about 1% of the cost of running a Formula One team, GP2 Series TM teams nevertheless race on the same tracks, on the same weekends, for the same audience and offer very impressive racing for the crowd and the F1 paddock to enjoy. With centralised purchasing, strict limits on testing and an outright ban on individual developments costs are kept in check, while modifications are made with an eye on how they will affect the price structure for the teams.

## **Entertainment**

By far GP2's biggest selling point is the excitement its races provide for the fans. With two races per weekend, reverse grids, compulsory pitstops, Prime and Option tyres and 26 identical cars on display, the series never fails to enthral and entertain.

### Safety

Racing at speeds very close to F1, safety is of course the highest priority. The GP2/11 car has passed every one of the stringent F1 FIA crash tests, and includes anti-intrusion panels, while wearing the HANS device is also compulsory. The series has a dedicated commitment to safety, which has been borne out over the last six years.

### **Preparation**

The record speaks for itself: there has never been an F1 feeder category as successful as the GP2 Series TM. In 2012, the F1 grid is made up of eleven GP2 graduates, including one that has become Formula One World Champion in 2008. There can be no finer testimonial to the benefit of the training the series provides to young drivers than that.

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### **GP 2 SERIES**

## **TECHNICAL SPRCIFICATIONS**

### The car

**Dimensions** 

Overall length: 5065 mm Overall width: 1800 mm

Overall height: 1072 mm (including FOM roll hoop camera)

Wheelbase: 3120 mm

Overall weight: 688 kg (driver on-board)

### **Engine**

V8 - 4 litre atmospheric - 612 HP @ 10.000 rpm - made by Mecachrome

8 in 1 exhaust

Fly by wire accelerator system Rebuild after 4000 to 4500 km Torque 500Nm @ 8000 rpm

Performances

Acceleration:

0 - 100 km/h, 2.90 sec

0 - 200 km/h, 6.60 sec

Maximum speed: 332 km/h (Monza aero configuration)

Max. braking deceleration -3.5 G Max. lateral acceleration +/- 3.9 G

# Monocoque and Bodywork

Survival cell - Sandwich Carbon/aluminium honeycomb structure made by Dallara Front and rear wing - Carbon structures made by Dallara Bodywork - Carbon - Kevlar honeycomb structures made by Dallara

## Steering system

Non assisted rack and pinion steering system XAP steering wheel with dashboard, marshalling display, gear change and clutch paddles

#### Gearbox

6-speed longitudinal Hewland sequential gearbox Electro-hydraulic command via paddle shift from steering wheel

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AP Carbon clutch
No on-board starter, anti-stall system
Non hydraulic ramp differential

### Fuel cell

FIA Standard Premier FT5 125 litres

## **Electronic features**

Magneti Marelli Marvel 8 ECU/GCU including data logging system XAP power supply management unit CAN data acquisition pre-equipment F1 EM motorsport Marshalling system Beacon receiver

### Suspension

Double steel wishbones, pushrod operated, twin dampers and torsion bars suspension (F) and spring suspension (R)

Adjustable ride height, camber and toe

Two way (F) / Four way (R) adjustable Koni dampers

Adjustable anti-roll bar (Front/Rear)

## **Brakes**

6 pistons monobloc Brembo callipers Hitco carbon-carbon brake discs and pads

# Wheels and tyres

F1 standard wheel dimensions
O.Z. Racing
Magnesium rims
13" x 12" front
13" x 13.7" rear
GP2 series specific Pirelli slick tyres

## Safety standards

FIA F1 safety standards including: Front, side, rear and steering column impact tests Front and rear roll hoop, impact structures and monocoque push tests Anti-intrusion survival cell protection panels Wheel retainer safety cables

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## **Extinguisher System**

LIFELINE (electrically operated)

## Camera equipment

Roll hoop, nose cone and face shot camera pre-equipment.

## The Engine

The power behind the GP2 series lies in the 4 litre V8 engine, which sits in the back of every GP2 car. Assembled, maintained and rebuilt by Mecachrome in the same plant in which the marque's F1 engines are prepared, it is the beating heart of the GP2 Series.

### **Engine**

Designed maintained and rebuilt by Mecachrome V8 - 4 litre atmospheric - 612 HP @ 10.000 rpm. 8 in 1 exhaust.

Fly by wire accelerator system.

Rebuild after 3000 to 4000 km

Torque 500Nm @ 8000 rpm

Top Speed 328 km/h
0-100 km/h in 2.90 sec
0-200 km/h in 6.60 sec

# The Tyres

Pirelli has been exclusive supplier of tyres to the GP2 Series since 2011, the same year that the Italian firm entered Formula One.

This year's GP2 tyres are all new when it comes to compound and construction, designed to mirror the characteristics of Formula One tyres.

Just like Formula One, Pirelli has a range of four slick tyres for GP2: P Zero Orange hard, P Zero White medium, P Zero Yellow soft and P Zero Red supersoft. In addition to this, there is a wet-weather tyre as well, which has blue markings.

Every car will have five sets of slick tyres and three sets of wet-weather tyres available for the race weekend. The five sets of dry tyres comprise three sets of the harder compound and two sets of the softer compound. This new rule, introduced jointly by Pirelli and the GP2 promoter in 2012, is directly modelled on Formula One to help prepare drivers for the top category and increase the opportunities for race strategy.

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The changes brought by Pirelli to the GP2 tyres this year are the most comprehensive since Pirelli entered the category. Only the hard compound was changed last year, but for this season all the compounds and constructions have been revised. The aim is to make sure that the emphasis is always on high performance with a high level of deliberate degradation. The fast-wearing tyres – a successful hallmark of Pirelli's philosophy in Formula One – will also prepare the drivers for the demands they face at the very pinnacle of the sport, where tyre management is an essential skill.

The Pirelli GP2 tyres are also designed to be extremely versatile, adapting themselves well to a variety of different track temperatures, top speeds and downforce levels, as well as a wide range of lateral and longitudinal loadings.

The GP2 tyres are now produced at Pirelli's cutting-edge competition tyre factory in Slatina, Romania. Tyre research and development is carried out by specialists based at Pirelli's headquarters in Milan, while the company's motorsport logistics facility is located in Didcot, United Kingdom.

In line with the Pirelli Group's Green Performance strategy – aimed at developing products and solutions that combine maximum performance with respect for the environment – GP2 and GP3 tyre production, as well as logistics and recycling procedures, are fully compliant with high environmental sustainability standards.

Paul Hembery, Pirelli's motorsport director, commented: "We're delighted to be supplying the GP2 Series for the third consecutive year as it forms a vital part of our motorsport strategy in bridging the gap between GP3 – which we have supplied since 2010 – and Formula One. This is our most innovative range of GP2 tyres yet, which should lead to even better races throughout 2013 that underline GP2 as the premier feeder series to Formula One. As an extra bonus, this year's GP2 winner gets to become a Pirelli tyre tester for a day as part of the prize, sampling our Formula One tyres."

### Tyre dimensions

Slick front tyres: 245 mm – 660 mm Slick rear tyres: 325 mm – 660 mm Wet front tyres: 245 mm – 660 mm Wet rear tyres: 325 mm - 660 mm

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### **GP 2 SERIES**

### **WHATS NEW & SUMMARY**

#### What's new?

- New compounds and constructions for all the tyres
- A new colour orange to denote the hardest compound in the range
- A new prize: GP2 winner will become a Pirelli Formula One tyre tester for a day

### **Summary**

- The GP2 Series uses slick Pirelli tyres in four specifications (supersoft, soft, medium and hard).
- Two slick compounds are nominated by Pirelli and the championship organisers for each race weekend.
- Each driver has five sets of slick tyres per weekend three of the harder compound and two of the softer compound.
- Each driver will also be provided with three sets of wet-weather tyres.
- The drivers and teams are free to use their entire tyre allocation as they like.
- During Race One the drivers have to carry out a compulsory pit stop during which a minimum of two tyres must be changed.
- This pit stop may not be carried out until the driver has completed six laps.
- Pit stops during Race Two are optional.

## Colour code for tyres

Hard = Orange
Medium = White
Soft = Yellow
Supersoft = Red
Rain = Blue

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# 2013 GP2 SERIES CALENDAR

ROUND	DATE	EVENT
1	22 – 24 March	Kuala Lumpar, Malaysia
2	19 – 21 April	Sakhir, Bahrain
3	10 – 12 May	Barcelona, Spain
4	23 – 25 May	Monte Carlo, Monaco
5	28 – 30 June	Silverton, Great Britain
6	05 – 07 July	Nurburgring, Germany
7	26 – 28 July	Budapest, Hungary
8	23 – 25 August	Spa- Francorchamps, Belgium
9	06 – 08 September	Monza, Italy
10	20 – 22 September	Singapore, Singapore
11	0103 November	Abu Dhabi UAE

# What's new?

- Two new venues: Nürburgring and Abu Dhabi
- Eleven rounds all F1 support events
- A season that starts in March and ends in November

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# 2013 GP2 SERIES TEAMS & DRIVERS

CAR NO.	DRIVER	LICENSE	TEAM NAME
01	Marcus Ericsson	SWE	DAMS
02	Stephane Richelmi	MON	DAMS
03	James Calado	GBR	ART Grand Prix
04	Daniel Abt	GER	ART Grand Prix
05	Johnny Cecotto	VEN	Arden International
06	Mitch Evans	NZL	Arden International
07	Julian Leal	COL	Racing Engineering
08	Fabio Leimer	SUI	Racing Engineering
09	Felipe Nasr	BRA	Carlin
10	Jolyon Palmer	GBR	Carlin
11	Sam Bird	GBR	RUSSIAN TIME
12	Tom Dillmann	FRA	russian time
14	Sergio Canamasas	ESP	Caterham Racing
15	Ma Qing Hua	CHN	Caterham Racing
16	Jake Rosenzweig	USA	Barwa Addax Team
17	Rio Haryanto	INA	Barwa Addax Team
18	Stefano Coletti	MON	Rapax
19	Simon Trummer	SUI	Rapax
20	Nathanaël Berthon	FRA	Trident Racing
21	TBC		Trident Racing
22	TBC		Hilmer Motorsport
23	TBC		Hilmer Motorsport
24	Rene Binder	AUT	Venezuela GP Lazarus
25	Kevin Giovesi	ITA	Venezuela GP Lazarus
26	Adrian Quaife-Hobbs	GBR	MP Motorsport
27	Daniel de Jong	NED	MP Motorsport

<sup>\*</sup>NB. Please note that it is currently incomplete

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#### 2013 GP2 SERIES

### THE REGULATIONS

The GP2 Series is a one-make championship consisting of 26 identical cars. The chassis are designed by Dallara Automobili, and in 2012 will run under the specification GP2/11. The power base is a Mecachrome assembled 4L Renault V8 engine.

The GP2 Series uses slick Pirelli tyres in four specifications (super soft, soft, medium and hard) which are predetermined by Pirelli in advance of the race weekend.

In a change of regulations in 2012, each driver has four sets of dry-weather tyres per weekend – three of "prime" specification and one of "option" specification (in Monaco, there will be two of "prime" specification and two of "option" provided per driver). Each driver will also be provided with three sets of wet-weather tyres.

As always, teams and drivers will have to keep one fresh set of prime for the Sunday Sprint Race. However, they will be able to choose between the remaining two sets of "prime" and the one set of "option" to use either during Free Practice, Qualifying and/or the Saturday Race. The compulsory pit-stop during Race One remains in which a minimum of two tyres must be changed. This pit stop may not be carried out until the driver has completed six laps.

No individual developments or upgrades are permitted in the series, and all spare parts must be purchased directly from the GP2 Series. Repairs of structural components must be carried out by Dallara in order to ensure integrity.

Weekend format and points allocation

A race weekend is composed of one half hour practice session and one half hour qualifying session, followed by two races.

The qualifying session is a straight fight for fastest laptime, and determines the order of the grid for Race 1. Four points are awarded for pole position.

Race 1 is run over 170km or 60 minutes (except for Monaco and Singapore where the race is run over 140km), and each driver must complete one compulsory pitstop in which a minimum of two tyres must be changed.

The top ten drivers score points (25, 18, 15, 12, 10, 8, 6, 4, 2, 1) with two points being awarded to the driver who set the fastest lap of the race.

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The grid for Race 2 is determined by the finishing order of the first race, with the top 8 positions reversed. Race 2 is run over 120km or 45 minutes (except for Monaco and Singapore where the race is run over 140km), with no pitstops allowed.

The top eight finishers score points (15, 12, 10, 8, 6, 4, 2, 1) and the driver who sets the fastest lap scores two points.

Any driver who is not classified in the top ten positions at the end of the race or, didn't start the race from his normal grid position or, changed tyres during race two at a time when climatic conditions did not necessitate the use of a different specification of tyre, will not be eligible for points awarded for fastest lap.



## **2013 GP2 SERIES**

# **PRESS CONTACTS**

## **PRESS CONTACTS**

Head of Media and Communications

Alexa Quintin

**Mobile:** +33 (0)6 23 900 777

Email: alexa@gp2series.com

**Website:** www.gp2series.com



#### SUPPORT RACES

## **FORMULA MIDDLE EAST**

The Formula Middle East is an initiative by the 'Home of Motorsport' in the Middle East - the Bahrain International Circuit and Asia's most established motorsport promoter - Motorsport Asia

Motorsport Asia Ltd (MAL) was established in 1996 with the vision to fully develop the motorsport industry in the Asian region. The company is synonymous with motorsport in Asia and has been at the centre of its continued growth.

Being the region's leading fully integrated motorsport focused company, its extensive network of international expertise, combined with local know-how, places MAL on the cutting edge of developments in the motorsport business.

## About the Organiser – Motorsport Asia

MAL provides a complete range of motorsport services, ranging from Race Management, liaison with racing circuits and regulatory bodies; motorsport Technical expertise and know-how for manufacturers and teams; Freight Movement and transportation of race cars and equipment by sea, land and air; providing Media and Public Relations services and providing Hospitality, Catering and Entertainment services.

In addition Motorsport Asia offers consultancy services for the construction or enhancement of motorsport facilities.

Motorsport Asia Ltd is the organizer and commercial rights holder of the GT Asia Series and JK Racing Asia Series. MAL also established and operates the Porsche Carrera Cup Asia Series. Ties with international media, regional motorsport authorities and circuit owners have helped Motorsport Asia to create the Asian Festival Of Speed Event (AFOS) and the company has continued to run events with various series' that are sanctioned and conform to the strict regulations laid down by the FIA.

MAL also has in-house TV production and distribution facilities, currently filming, producing and distributing both live and delayed programming. The Asian Festival Of Speed TV shows are broadcast globally in over 100 countries on both satellite and terrestrial channels. AFOS is visited by media organizations from around the world and articles featuring the event and its championships are published globally.

Motorsport Asia operates a dedicated website <u>www.afos.com</u> which is regularly visited by people in over 112 countries.

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### **FORMULA MIDDLE EAST**

## THE CAR

### THE FB02

The Formula Middle East is based around the FB02 car, which has been running successfully since 2003. Firstly as Formula BMW and since 2010, as the JK Racing Asia Series.

Engine: BMW K1200 RS

16 Valve DOHC

Max Output: 140bhp at 9,000 RPM Max Torque: 128 Nm at 6,750 RPM

Displacement: 1,171 cc

Gearbox: Hewland FTR 200

Type: Sequential longitudinal gearbox

No. of gears: Six plus reverse

Monocoque: Carbon fibre/Kevlar composite with aluminium honeycomb insert

Crash Structure: Crash box front & rear, steel rollhoop

Seat Shell: FORS Formula Rescue Seat

### Chassis

Wheel Suspension: Double wishbone with push rod

Shock Absorbers: Sachs SP3, adjustable for bump & rebound

Springs: Eibach coil springs

Tyres: Slicks & Wets, front 20/54 – 13, rear 22/54 – 13

Brakes: Alcon floating disc brake, adjustable front & rear

Steering: Rack & pinion steering with safety steering column

Data acquisition: 2D data recording 'professional plus' (8MB)

### **General Data**

Weight: 455kg (empty without driver)

Top Speed: 230 Km/h

Sprint 0 – 100 km/h: under 4 seconds

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