

Posted at: 19:01

Doc No.: 7



LIGIER EUROPEAN SERIES LE MANS HEAT

DRIVERS AND TEAM MANAGERS BRIEFING

24h
LE MANS®

TRACK MAP

PLAN CIRCUIT

VIRTUAL RED FLAG LINE AT THE MICHELIN TOTEM LIGNE ROUGE VIRTUELLE

START LINE **LIGNE DEPART**

FINISH LINE /CONTROL LINE / RD SIGNALLING ARRIVEE/LIGNE CONTROLE /AFFICHAGE

SC ENTERS TRACK SC EN PISTE

GRID POSITION 2X2 MISE EN FORMATION

SC LIGHTS OFF SC FEUX ETEINT

LIGHTS
OFF

RD SIGNALING REPEATER RAPPEL AFFICHAGE DC

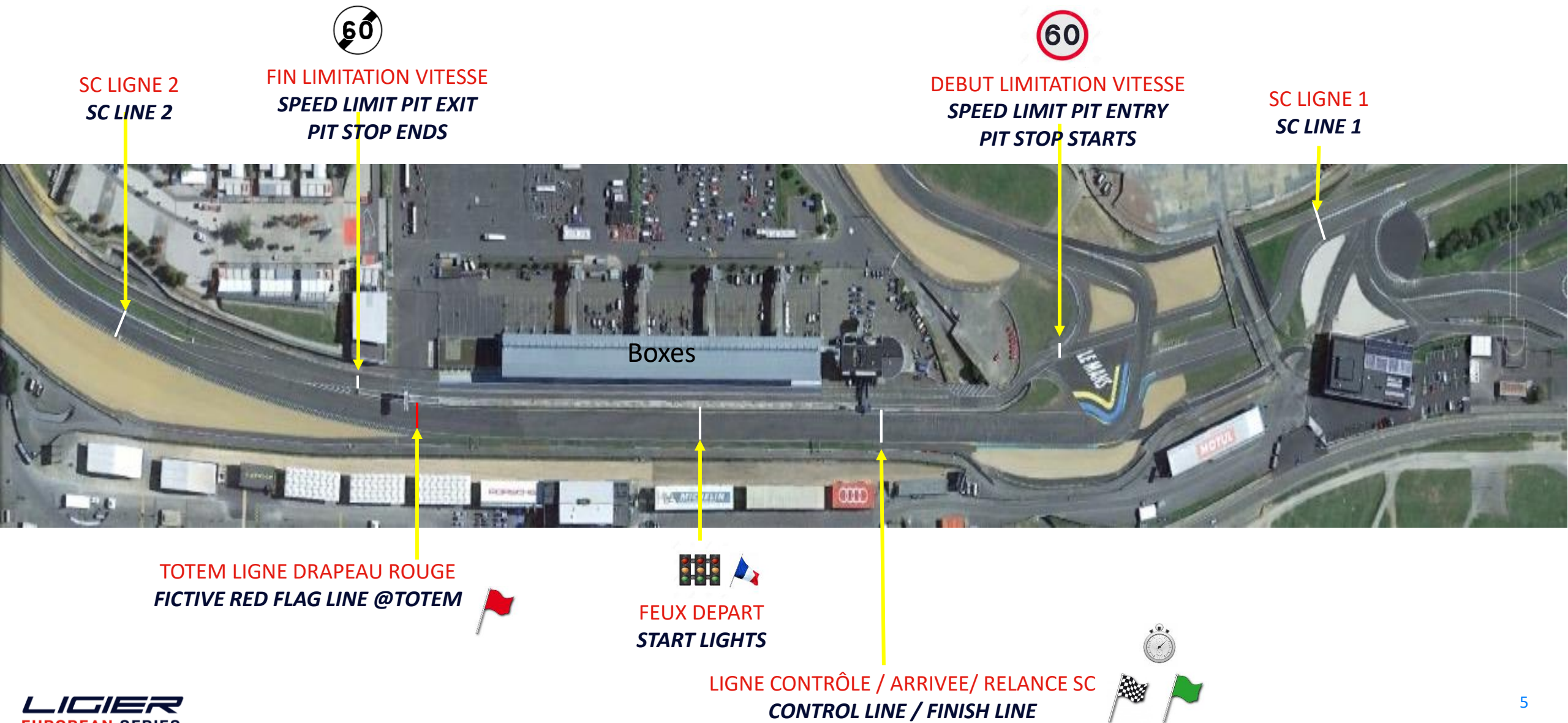
SC ENTERS TRACK SC EN PISTE

LIMITES PISTE

TRACK LIMITS

STRAIGHT LINE & PIT LANE

LIGNE DROITE VOIE DES STANDS



PIT ENTRY ROAD

ENTREE DES STANDS



PIT ENTRY SC LINE 1

LIGNE SC 1



PIT LANE SPEED LIMIT 60 KPH START & PIT LOOP

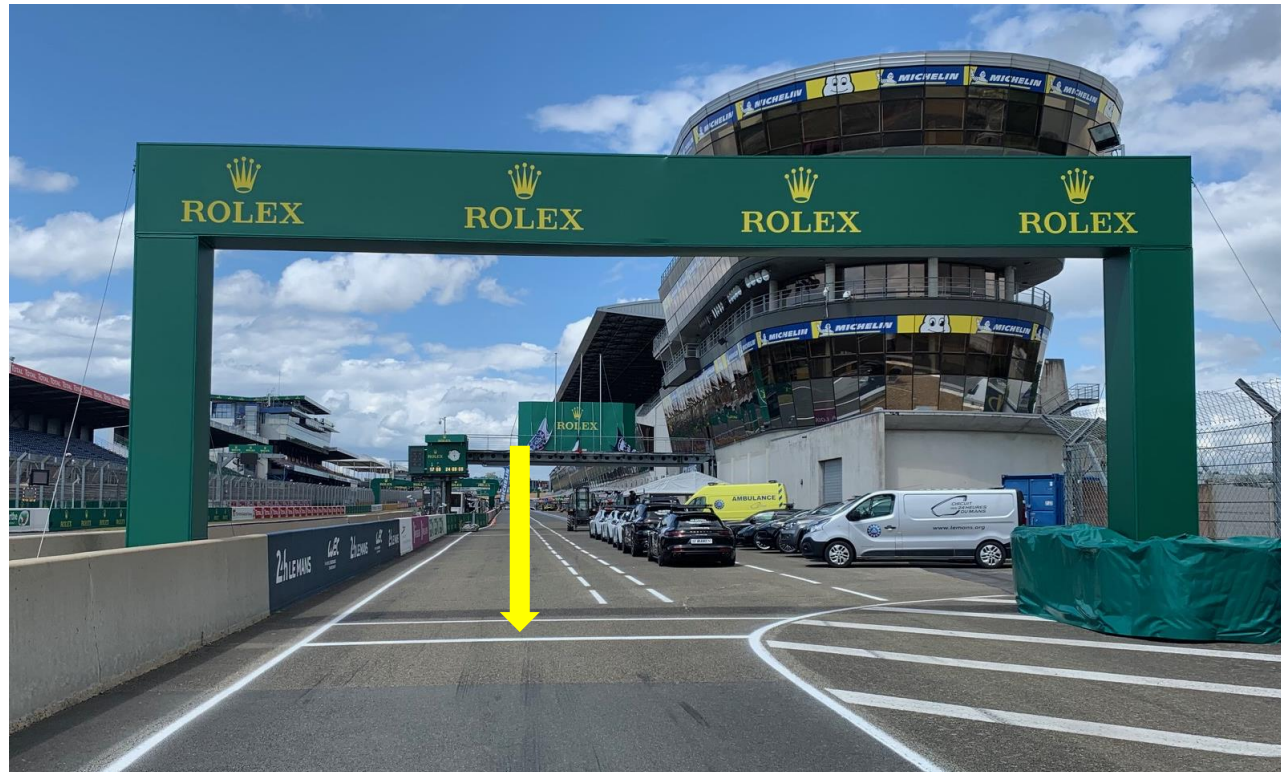
LIMITATION VITESSE VOIE STANDS



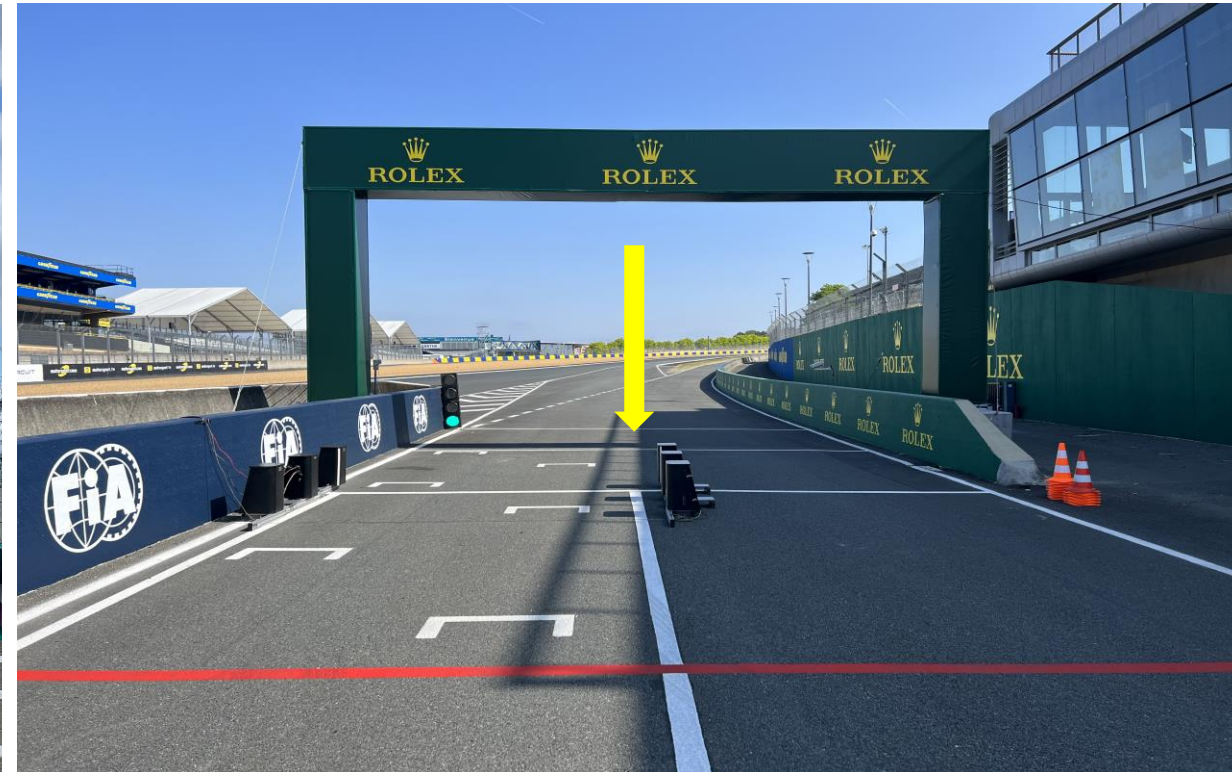
SPEED LIMIT STARTS 60KPH & PIT ENTRY LOOP
DEBUT LIMITATION VITESSE 60 KMH ET BOUCLE CHRONOS ENTREE

PIT LANE WORKING LIMITS ZONE DE TRAVAIL VOIE STANDS

WORKING LIMIT IN THE PIT LANE STARTS
DEBUT DE LA ZONE DE TRAVAIL DANS LES STANDS



WORKING LIMIT IN THE PIT LANE ENDS
FIN DE LA ZONE DE TRAVAIL DANS LES STANDS



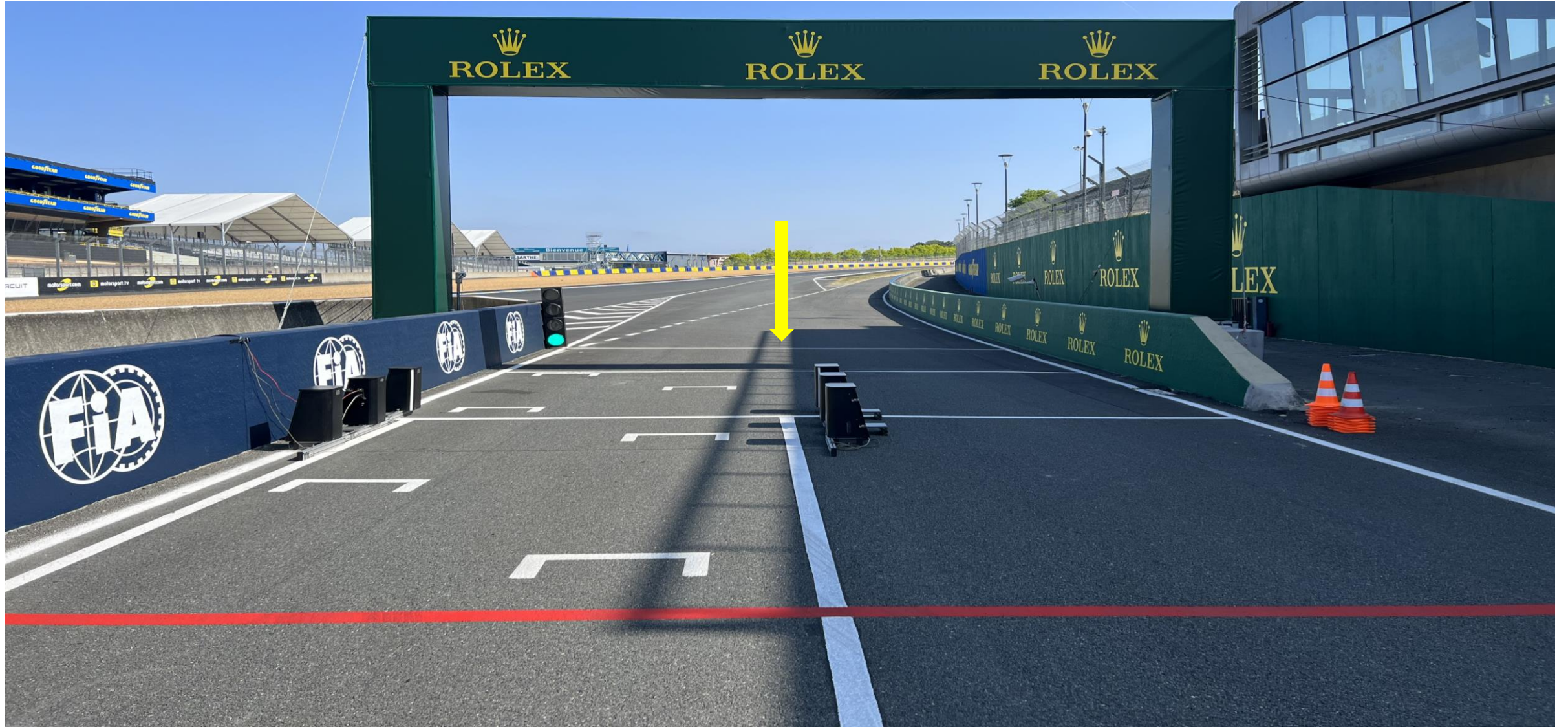
PIT LANE WORKING AREAS

ZONE TRAVAIL VOIE STANDS



PIT LANE SPEED LIMIT 60 KPH ENDS & PIT LOOP

LIMITATION VITESSE VOIE STANDS



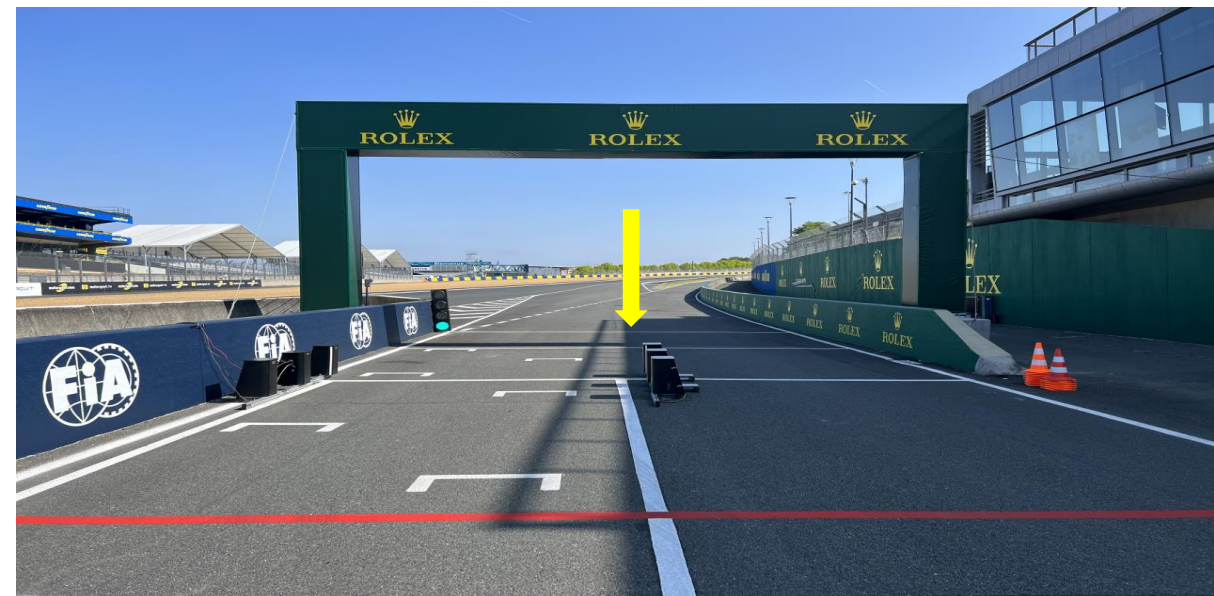
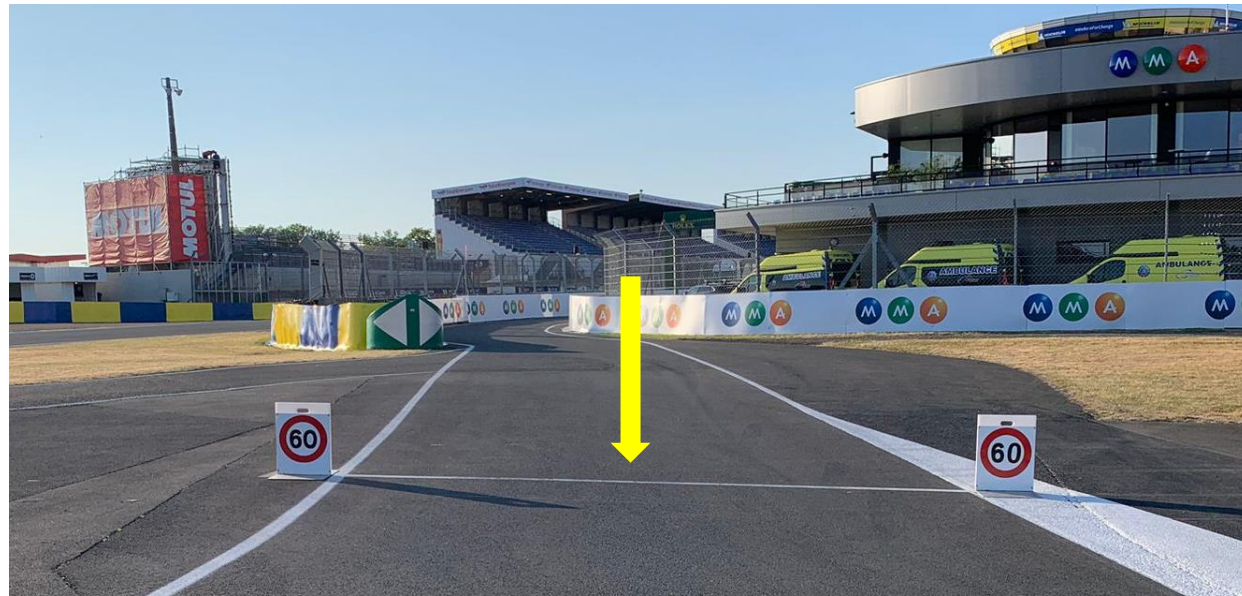
MANDATORY PIT STOP

ARRET OBLIGATOIRE [SR Art. 12.4.2]



1 DRIVER : 80 SECONDS

2 DRIVERS : 75 SECONDS





PIT EXIT ROAD - SAFETY CAR LINE 2

VOIE DE SORTIE DE STANDS - SAFETY CAR LINE 2



SAFETY OPENINGS ON TRACK

SIFFLETS DE SECURITE



MARKED IN ORANGE
PEINTURE ORANGE

LIGHT FLAG MARSHALING SYSTEM

PANNEAUX LUMINEUX - DRAPEAUX



BOLLARDS FLOPPIES KERBS ETCON TRACK

MARQUEURS LIMITE PISTE



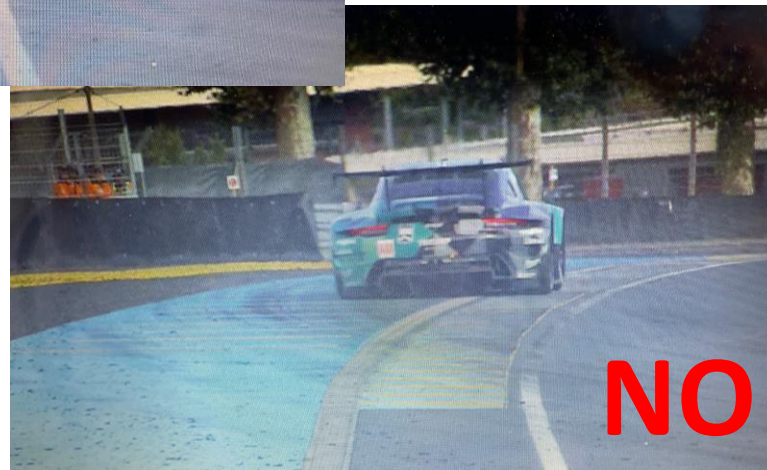
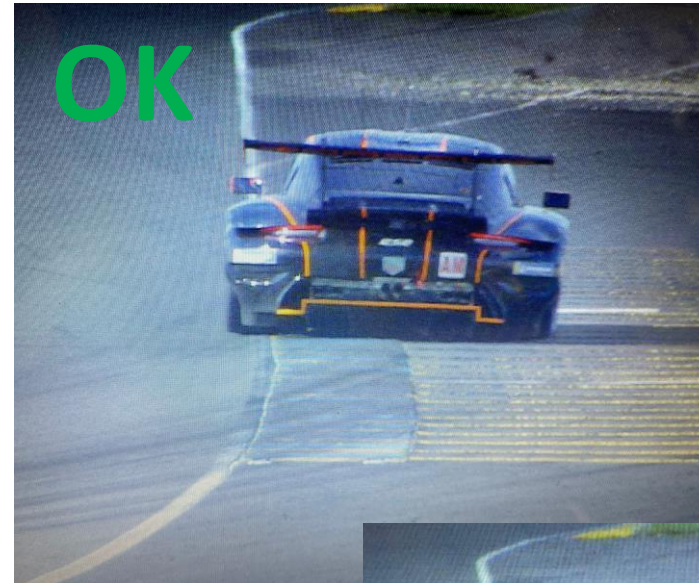
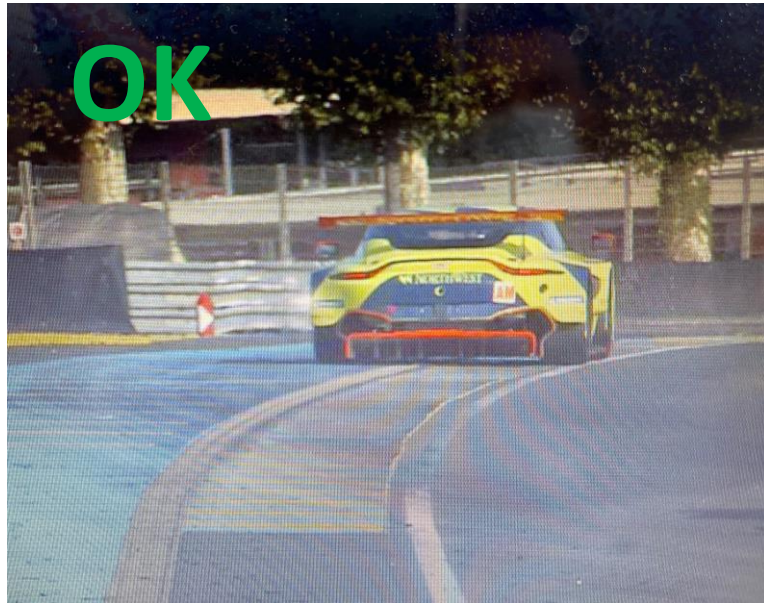
TRACK LIMITS - T6 - T8 - T27

LIMITES DE PISTE



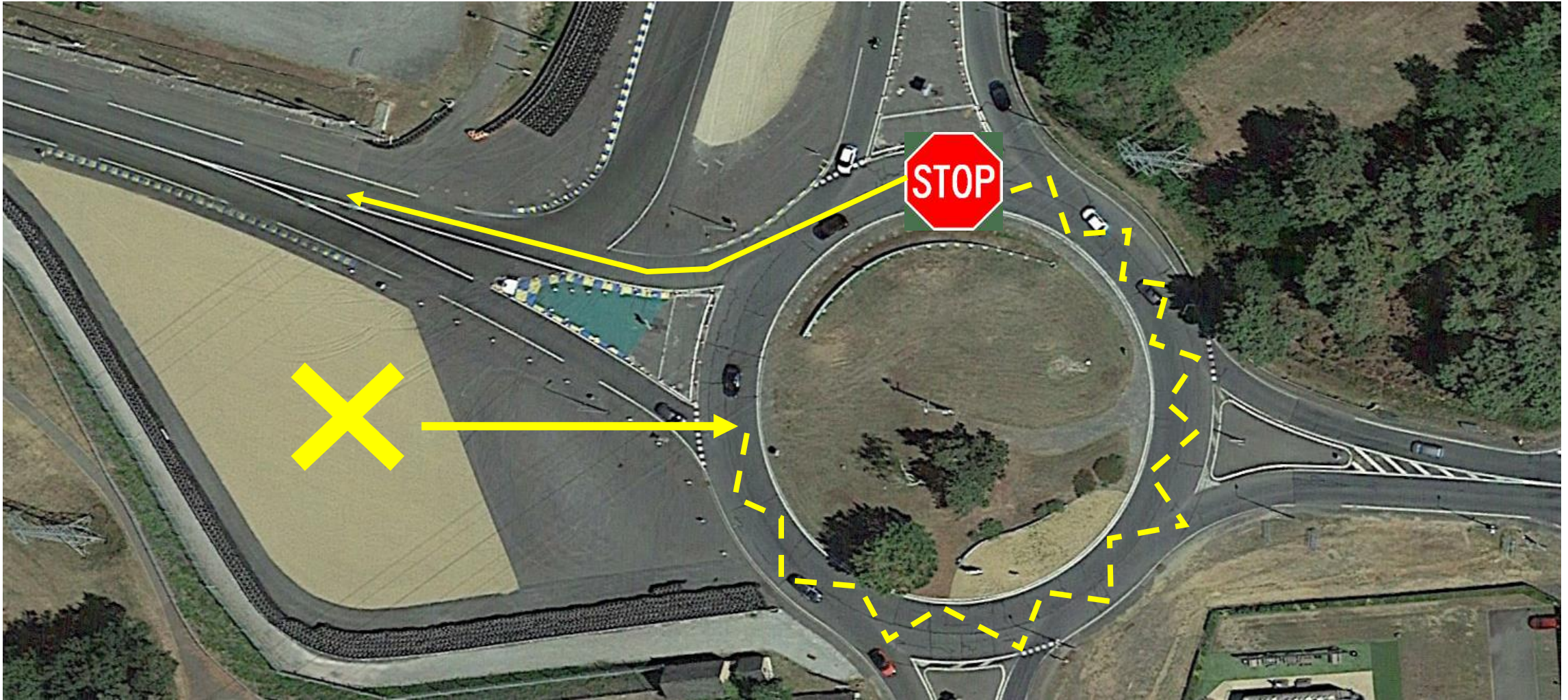
TRACK LIMITS MP6/MP33

LIMITES DE LA PISTE MP6 / MP33



RECOVERY FROM GRAVEL TRAP AT T20

DEPANNAGE DU BAC A GRAVIER AU T20

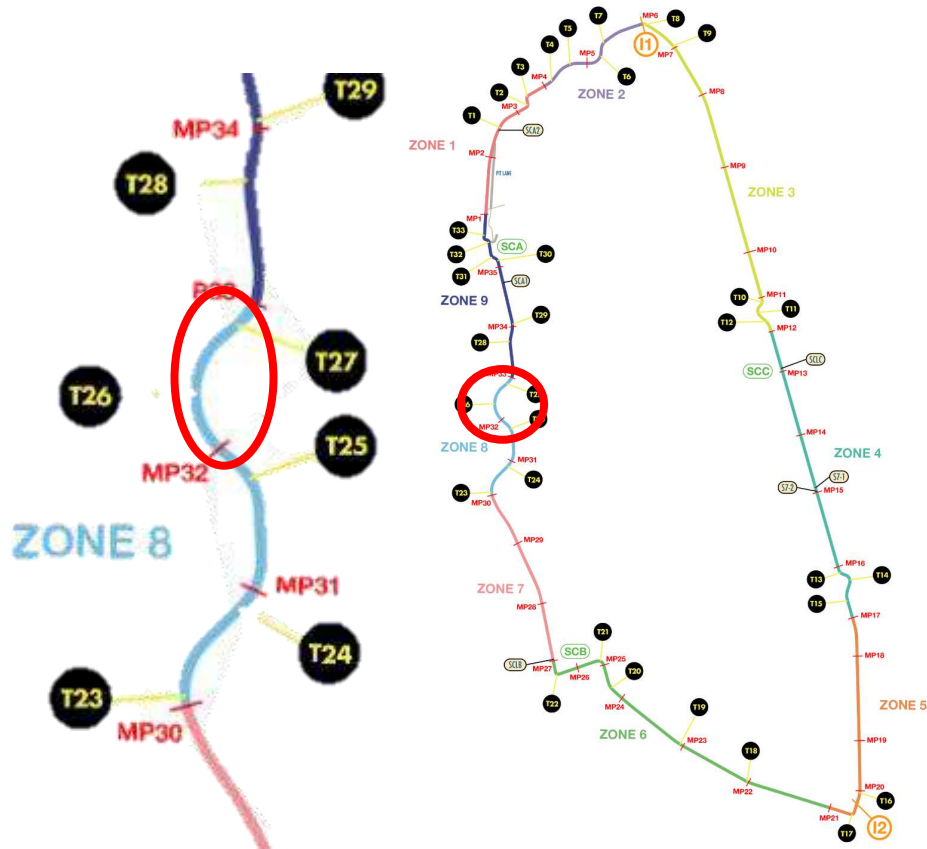


RUN OFF - ESCAPE ROAD MP32

ECHAPATOIRES MP32

If you miss the apex at MP32(4 wheels out of the line) you have to use the entire escape road to rejoin the track (penalty)

Si vous sortez de la piste au MP32 (4 roues après ligne) vous devez utiliser l'échappatoire dans sa totalité (pénalité)



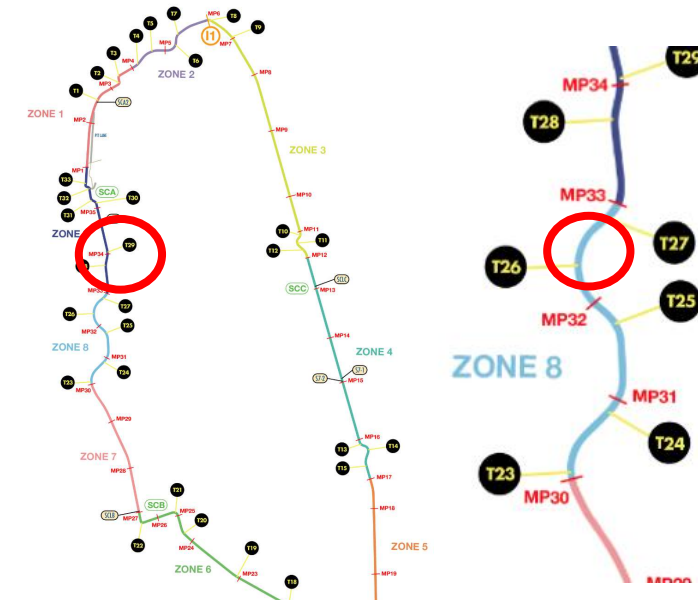
RUN OFF - ESCAPE ROAD MP32

ECHAPATOIRES MP32



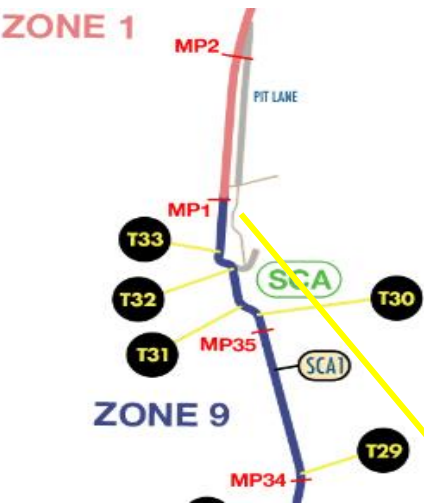
REJOIN TRACK MP33

RETOUR EN PISTE MP33



THE LINE - RACE DIRECTOR SIGNALLING AREA

LA LIGNE DE CONTROLE - ZONE SIGNALISATION DIRECTION COURSE

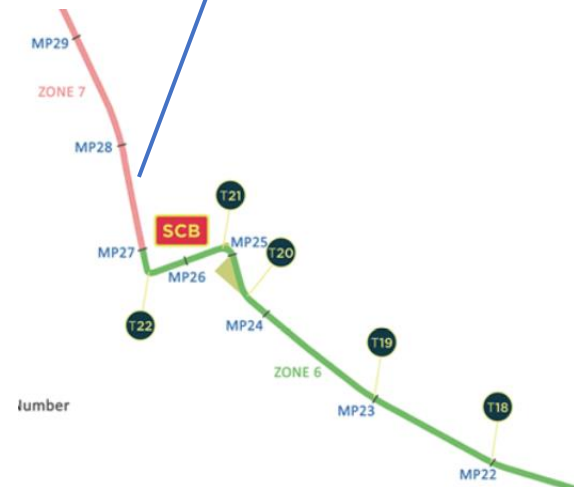
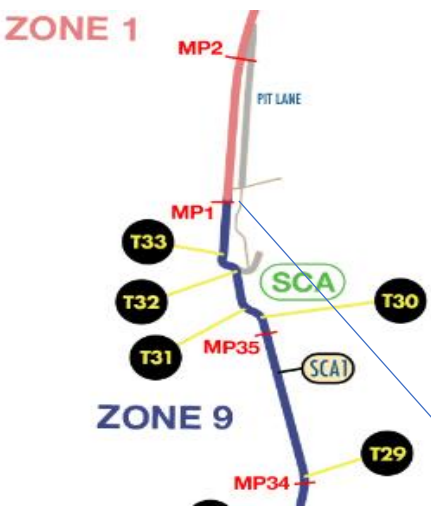


LIGNE CONTROLE / ZONE AFFICHAGE DC
CONTROL LINE / RD SIGNALLING AREA



RACE DIRECTOR SIGNALLING AREA *repeater*

ZONE SIGNALISATION DIRECTION COURSE *rappel*



PART 2
SLOW ZONES, SAFETY CAR, RED FLAG

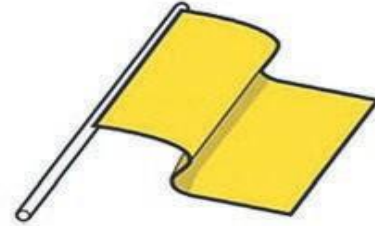
PARTIE 2
ZONES SLOW, SAFETY CAR, DRAPEAU ROUGE

FCY – FREE PRACTICE AND QUALIFYING SESSION

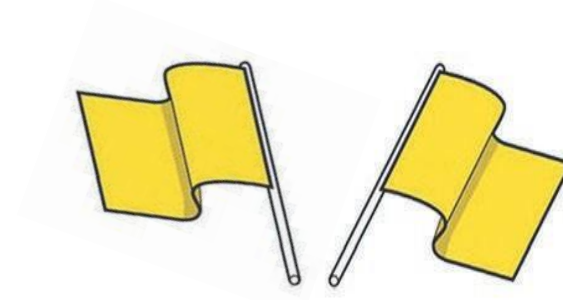
FCY – ESSAIS LIBRES ET QUALIFICATIFS



+



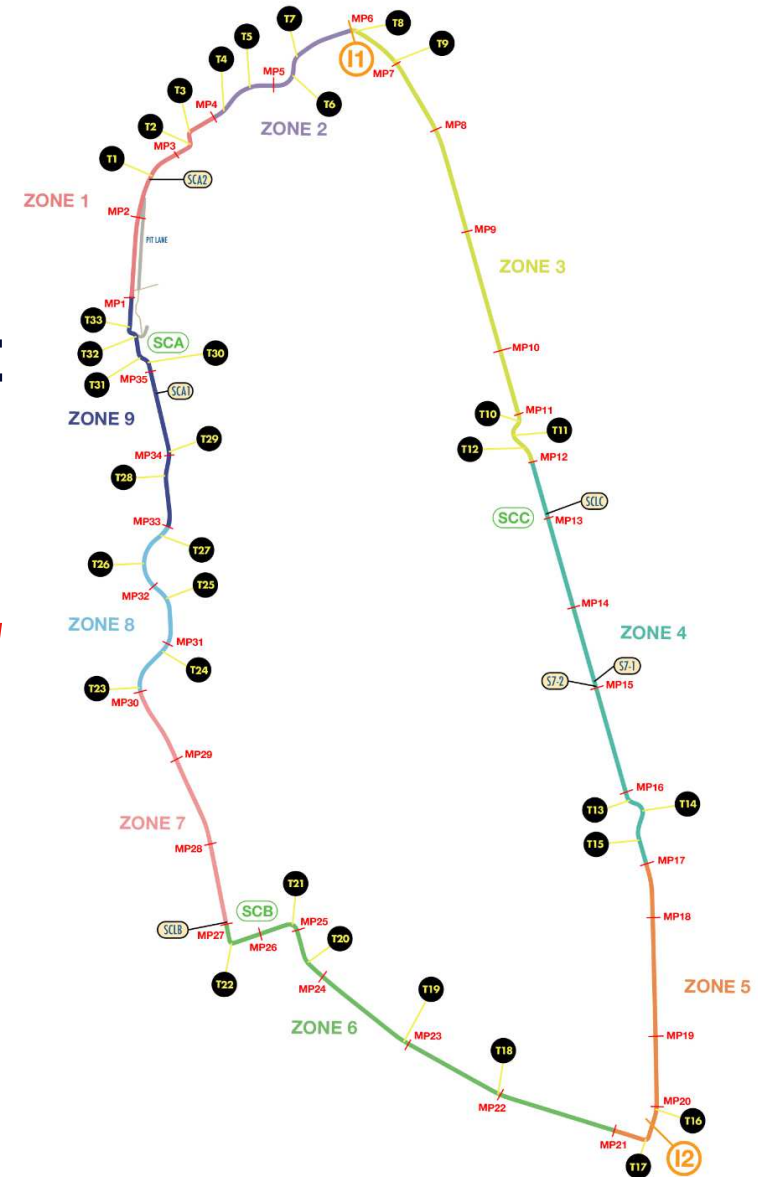
- **TEAM MANAGERS : COUNTDOWN ON THE PIT WALL RADIO 10 > 0**
TEAM MANAGERS : DECOMPTE A LA RADIO DE 10 > 0
- **DRIVERS : KEEP THE SAME GAP TO THE CAR IN FRONT AND BEHIND**
- **PILOTES : GARDE LES MEMES ECARTS ENTRE LA VOITURE DEVANT ET DERRIERE**
- **SPEED LIMIT 80kph**
- **VITESSE MAX 80 KM/H**
- **DOUBLE YELLOW WAVED AT THE PLACE OF THE INCIDENT – INTERVENTION**
- **DOUBLES DRAPEAUX JAUNES A L'ENDROIT DE L'INCIDENT OU INTERVENTION**



SLOW ZONES PROCEDURE

PROCEDURE ZONES SLOW

- **9 SLOW ZONES**
- **"Next Slow"** will be the MP_preceding the start of the Slow Zones
- Several **"SLOW ZONES"** at the same moment
ex: Z1 +Z5 or Z7 until Z9
- 9 ZONES SLOW
- Toujours un MP en "next slow" avant une "SLOW ZONE"
- Plusieurs "SLOW ZONE" ex: Z1+Z5 ou de Z7 à Z9



« NEXT SLOW » BOARD DISPLAYED
PANNEAUX « NEXT SLOW »

NO OVERTAKING + START TO SLOW DOWN
DEPASSEMENTS INTERDIT + RALENTIR



+



+



« SLOW » BOARD PANNEAUX « SLOW »

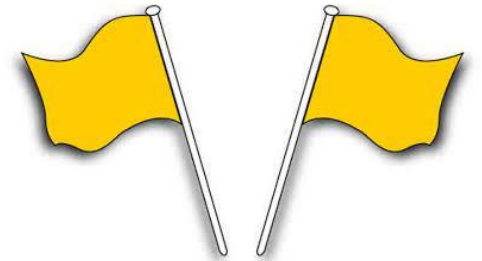
NO OVERTAKING + FORM UP IN A SINGLE LINE
DEPASSEMENTS INTERDIT + EN FILE INDIENNE



+

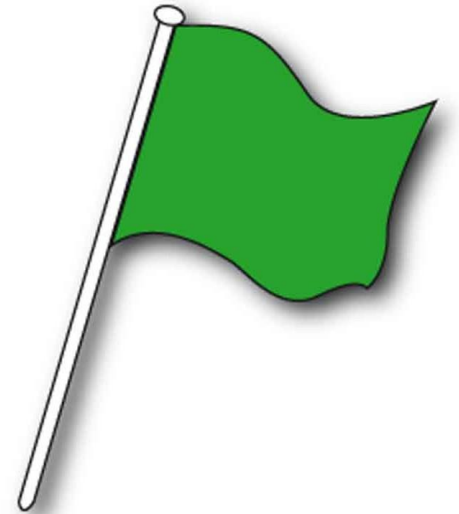


+



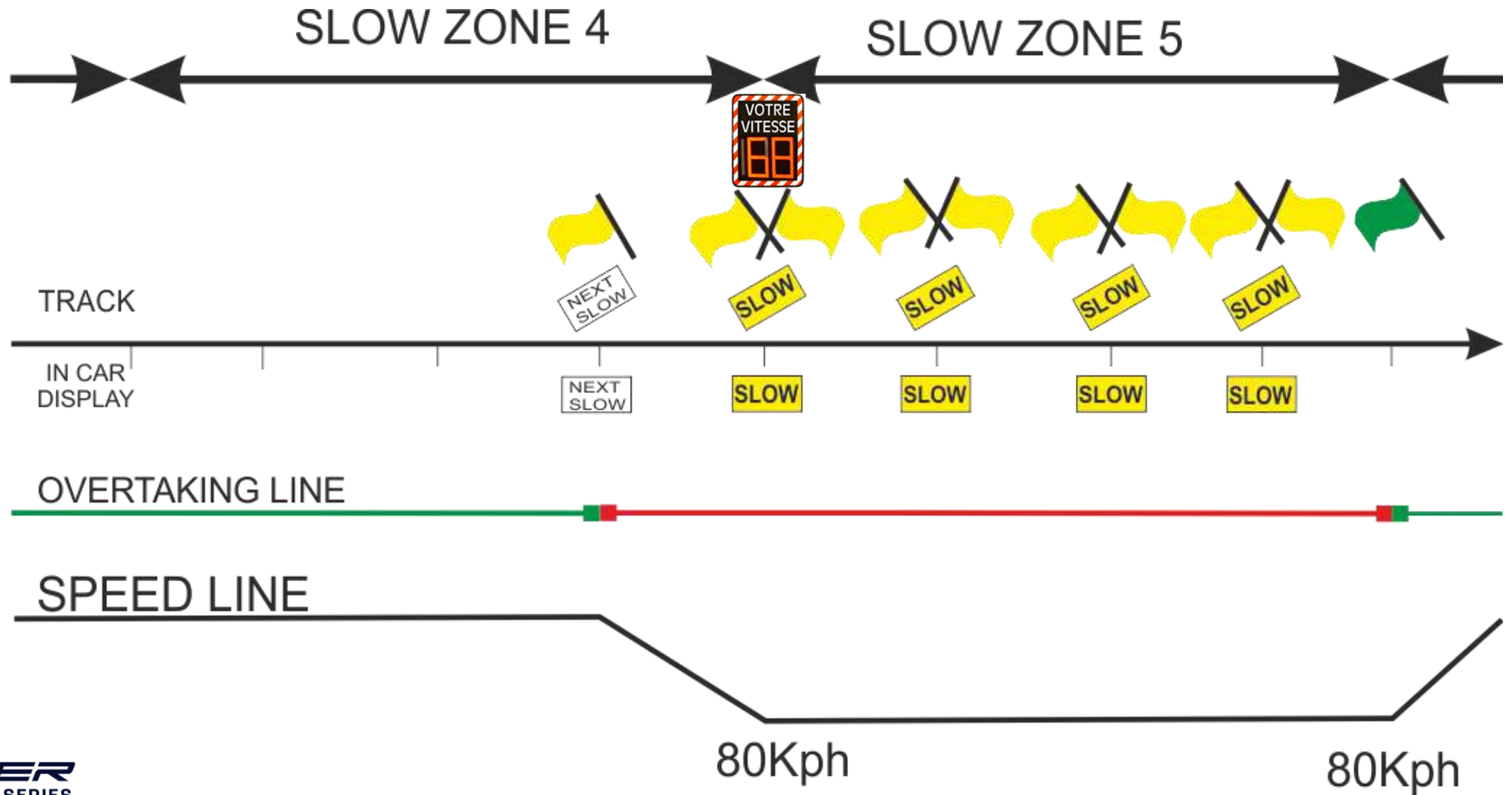
END OF « SLOW » ZONE
FIN DE « SLOW » ZONE

OVERTAKING IS ALLOWED AT THE MP LINE
DEPASSEMENTS A LA LIGNE DU POSTE COMMISSAIRE



BEHAVIOUR IN SLOW ZONE

COMPORTEMENT DANS LA ZONE SLOW

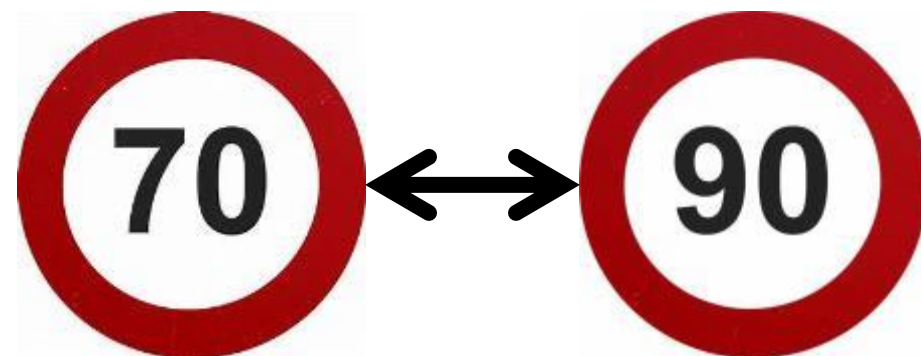
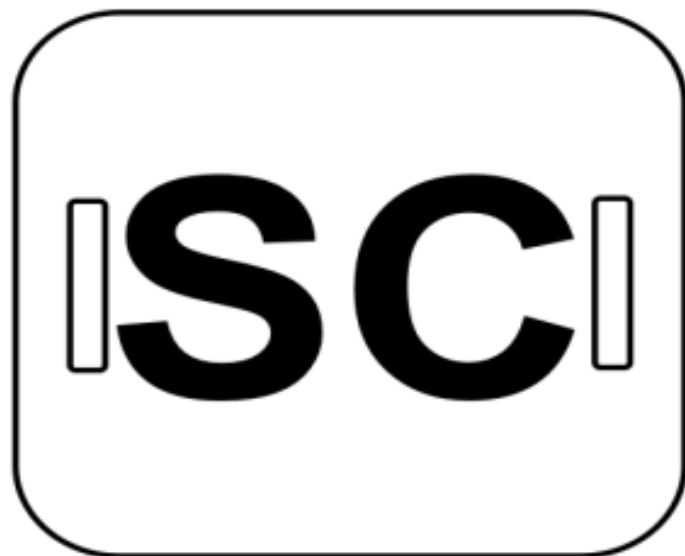


SAFETY CAR PROCEDURE - RACE ONLY

PROCEDURE SAFETY CAR - SEULEMENT EN COURSE

LEADER TO SLOW DOWN TO SAFETY CAR SPEED

NO SPEED LIMITS EXCEPT WITH THE DOUBLE YELLOW FLAGS



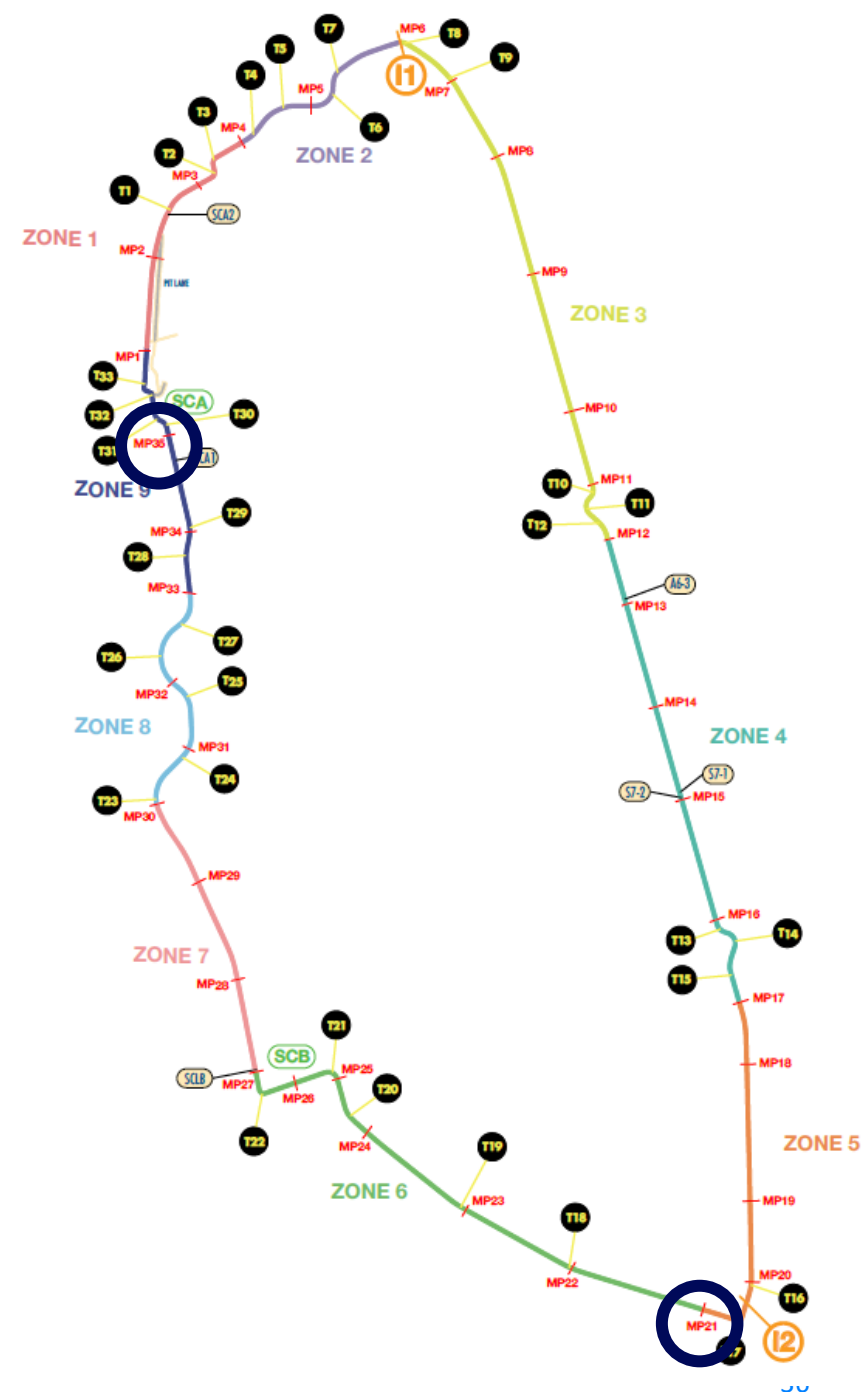
LE LEADER DOIT RALENTIR A LA VITESSE DU SAFETY CAR

PAS DE LIMITATION DE VITESSE SAUF SOUS DOUBLE JAUNE

SAFETY CAR PROCEDURE

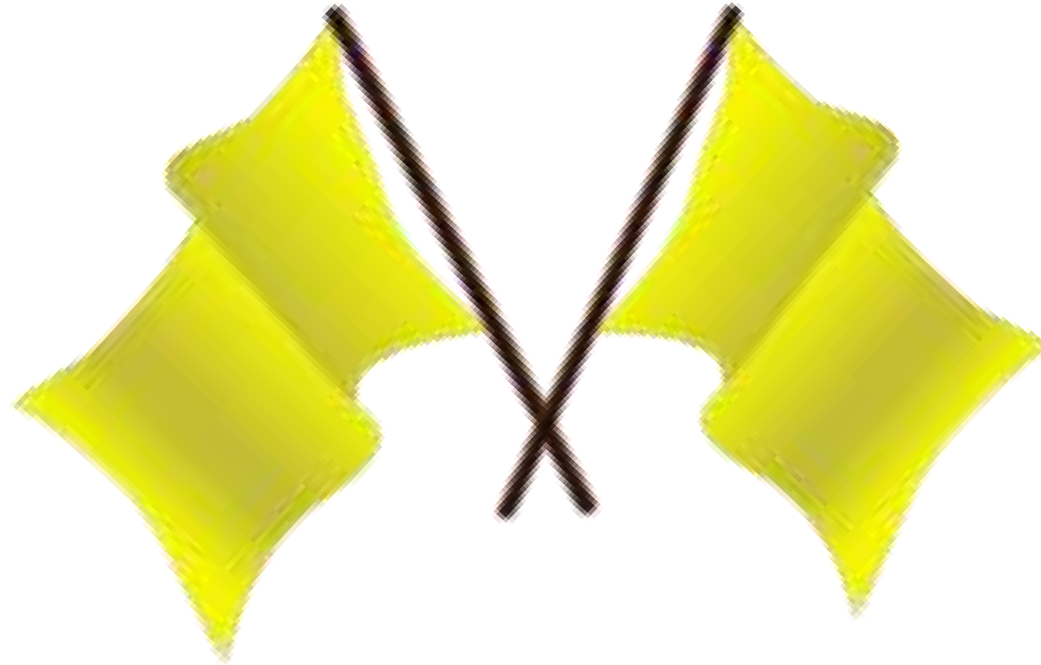
PROCEDURE SAFETY CAR

- *2 Safety Cars – Only one deployed at a time* - 2 Voitures SC – seulement 1 déployée
- *2 Positions for Entering the Track: MP21 or MP35* - 2 positions pour entrer en piste
- *Cars have to stay in line behind SC* - les voitures doivent rester LIGNE derrière le SC
- **NO SPEED LIMITS EXCEPT WITH THE DOUBLE YELLOW FLAGS**
PAS DE LIMITATION DE VITESSE SAUF LORS DE DRAPEAUX JAUNES
- *Overtaking the SC only if instructed to do so (roof green lights on)* -
dépassement du SC seulement si lumière verte du SC allumée
- *SC switches off its lights at MP 30* - Extinction des feux du SC au MP30
- *SC leaves the track by Pit Entry Road* - le SC se retirera dans la voie des stands
- *No Overtaking before the Line* - Pas de dépassement avant la ligne de relance



DOUBLE YELLOW FLAGS **DOUBLES DRAPEAUX JAUNES**

In both SAFETY CAR and FULL COURSE YELLOW procedures, any Marshal Post(s) that has any intervention in his sector will signal with double waved yellow and the relevant board



Pendant les procédures SAFETY CAR et FULL COURSE YELLOW, chaque poste de commissaires en intervention sera signalé par 2 drapeaux jaunes agités + le panneau correspondant

CONTROL LINE RESTART LINE

LIGNE DE CONTROL RELANCE SC



RED FLAG – PRACTICE AND QUALIFYING SESSION

DRAPEAU ROUGE ESSAIS LIBRES ET QUALIFICATIFS



- RD will announce RED FLAG on radio –
annonce via radio par DC
- All cars must reduce the speed to 80 Kph & head to the pit lane – ralentir à 80 km/h max et retour voie des stands.
- TIME WILL NOT BE SUSPENDED –
LE TEMPS NE SERA PAS ARRETE

RED FLAG – RACE

DRAPEAU ROUGE – COURSE



STOP IN LINE ON THE LHS AT THE VIRTUAL RED LINE – MICHELIN TOTEM
S'ARRETER EN LIGNE A GAUCHE AU NIVEAU DE LA LIGNE ROUGE VIRTUELLE

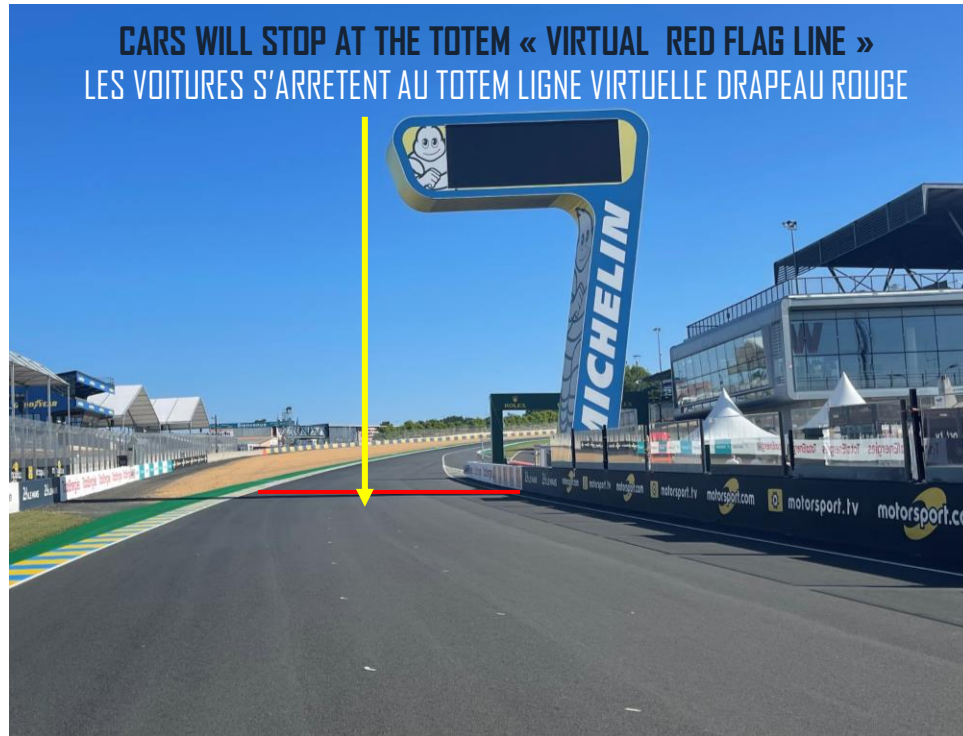
Access to the Grid for mechanics - 2 gates
accès à la grille pour les mécaniciens via 2
ouvertures :

- ***In front of Garages A& B***
devant le garage A et B
- ***In front of Garages 24/25***
devant le garage 24/25



RED FLAG PROCEDURE DURING THE RACE

PROCEDURE DRAPEAU ROUGE



1. CARS IN FRONT OF THE LEADER DRIVE THROUGH THE PIT LANE IN THE REVERSE WAY TO BE POSITIONNED AT THE END OF THE LINE ON TRACK

LES VOITURES DEVANT LE LEADER PASSENT PAR LA VOIE DES STANDS POUR SE POSITIONNER SUR LA PISTE A LA FIN DU PELOTON

2. RESUME OF THE RACE UNDER « SC » PROCEDURE
RELANCE DE LA COURSE SOUS PROCEDURE « SC »



PARTIE 3

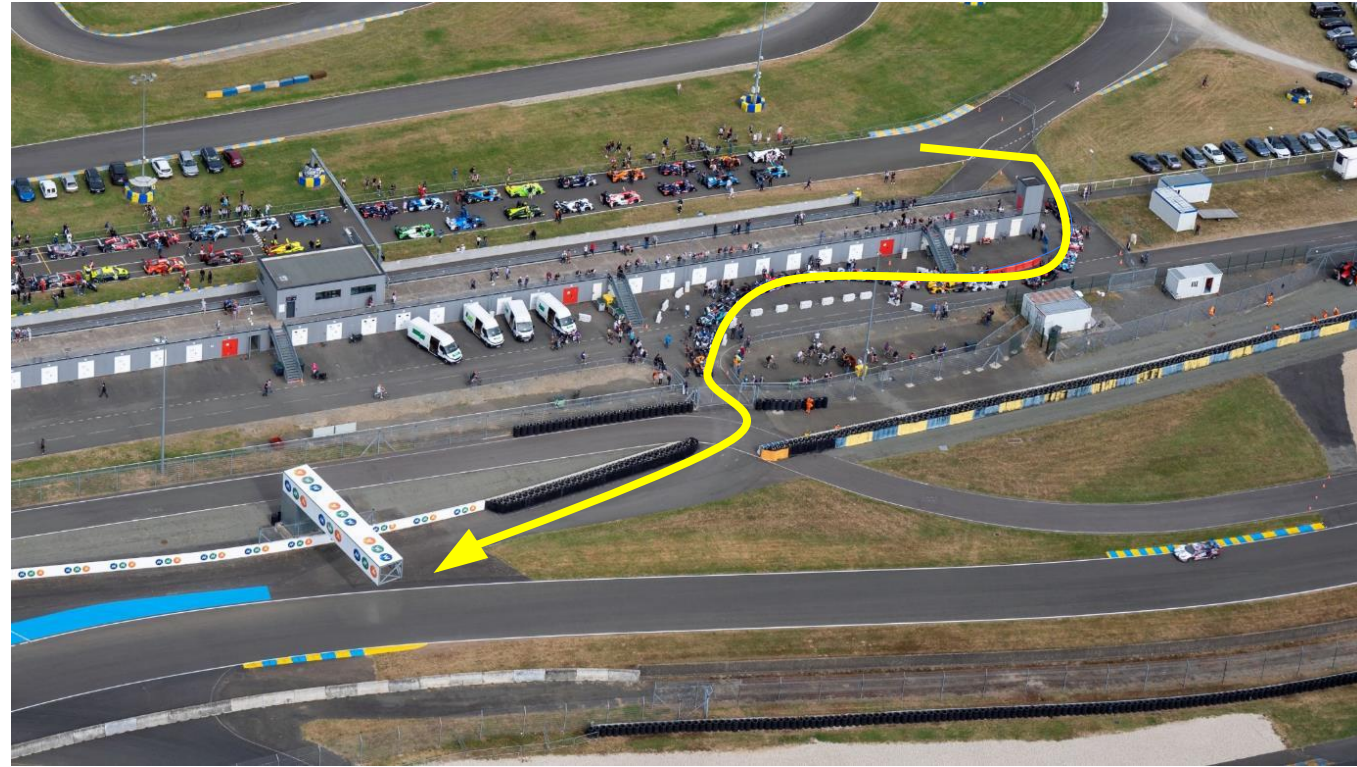
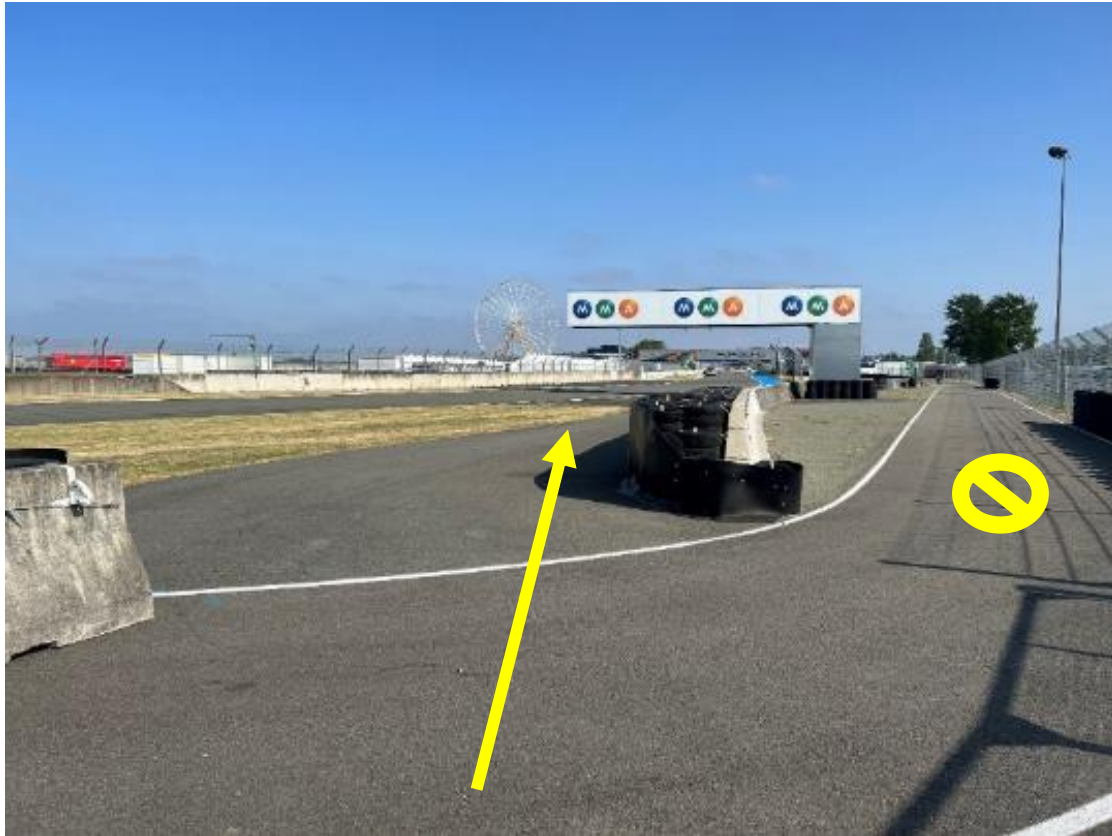
ACCES PISTE ET PROCEDURE DEPART

PART 3

TRACK ACCESS & START PROCEDURE

TRACK ACCESS : FREE PRACTICE AND FORMATION LAP

ACCES PISTE : ESSAIS LIBRES – TOUR DE FORMATION



END OF SESSIONS AND REFUELLING PROCESS

FIN DES ESSAIS LIBRES & PROCEDURE RAVITAILLEMENT



Before Free Practice: teams must drop their equipment for the refueling operation in the **Maison Blanche boxes 4 & 5**. Boxes will be only opened on the pitlane side.

Between Free Practice and Qualifying Session: it will not be allowed to go back in the Le Mans Heat paddock. Refueling operation will take place in the Maison Blanche pitlane.

After Free Practice - chequered flag: cars do their deceleration lap and enter the Maison Blanche pitlane to refuel. **No other operation will be allowed in this pitlane.** Cars must park in 2 lines (yellow lines on the plan above). A line (red dotted line on the plan above) must remain free to leave the Maison Blanche pitlane.

Cars must have leave the Maison Blanche pitlane before 09:10 am. After this time, it will not be allowed to rejoin the 24H pitlane and so the qualifying session.

A shuttle system will be available to bring mechanics from the 24H pitlane to the Maison Blanche pitlane, and back.

ACCESS TO THE REFUELING AREA
ACCES ZONE DE RAVITAILLEMENT



REFUELLING PROCESS

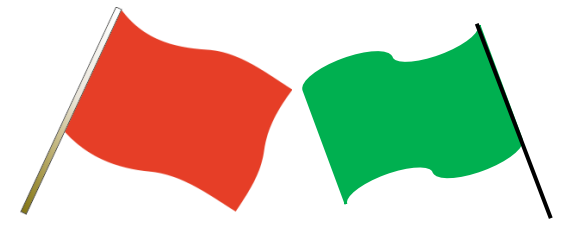
PROCEDURE RAVITAILLEMENT

2 LINES OF CARS – 2 LIGNES DE VOITURES



REFUELLING AREA EXIT TO PIT LANE 24H - QUALIFYING SESSION

ACCES VOIE DES STANDS 24H – SÉANCE QUALIFICATIVES



**RESPECT MARSHAL
INSTRUCTIONS**

**RESPECTEZ LES
INSTRUCTIONS DU
COMMISSAIRE**



REMINDERS

RAPPELS

- **AFTER THE CHEQUERED FLAG DON'T OVERTAKE ANY CAR**
INTERDICTION DE DEPASSER APRES LE DRAPEAU A DAMIER
- **THE REFUELLING AREA ACCESS WILL BE OPENED AFTER THE LAST CAR HAVE PASSED THE CHEQUERED FLAG**
L'ACCESS A LA ZONE DE RAVITAILLEMENT OUVRIRA UNE FOIS QUE LA DERNIERE VOITURE AURA PASSE LE DRAPEAU A DAMIER
- **RED FLAG IN REFUELLING AREA = ACCESS TO THE 24H PITLANE IS CLOSED**
DRAPEAU ROUGE EN ZONE DE REFUELLING = ACCES A LA PIT LANE 24H FERME
- **TYRES CHANGES AND DRIVERS CHANGES ALLOWED ONLY IN THE 24H PIT LANE**
CHANGEMENTS DE PNEUS ET DE PILOTES AUTORISES DANS LA PITLANE 24H UNIQUEMENT
- **QUALIFYING SESSION START AT PIT EXIT 24H GREEN LIGHT**
LA SESSION QUALIFICATIVE COMMENCE AU FEU VERT ALLUME SORTIE DE STANDS 24H

START PROCEDURE - GRID FORMATION

PROCEDURE DEPART - FORMATION EN LIGNE

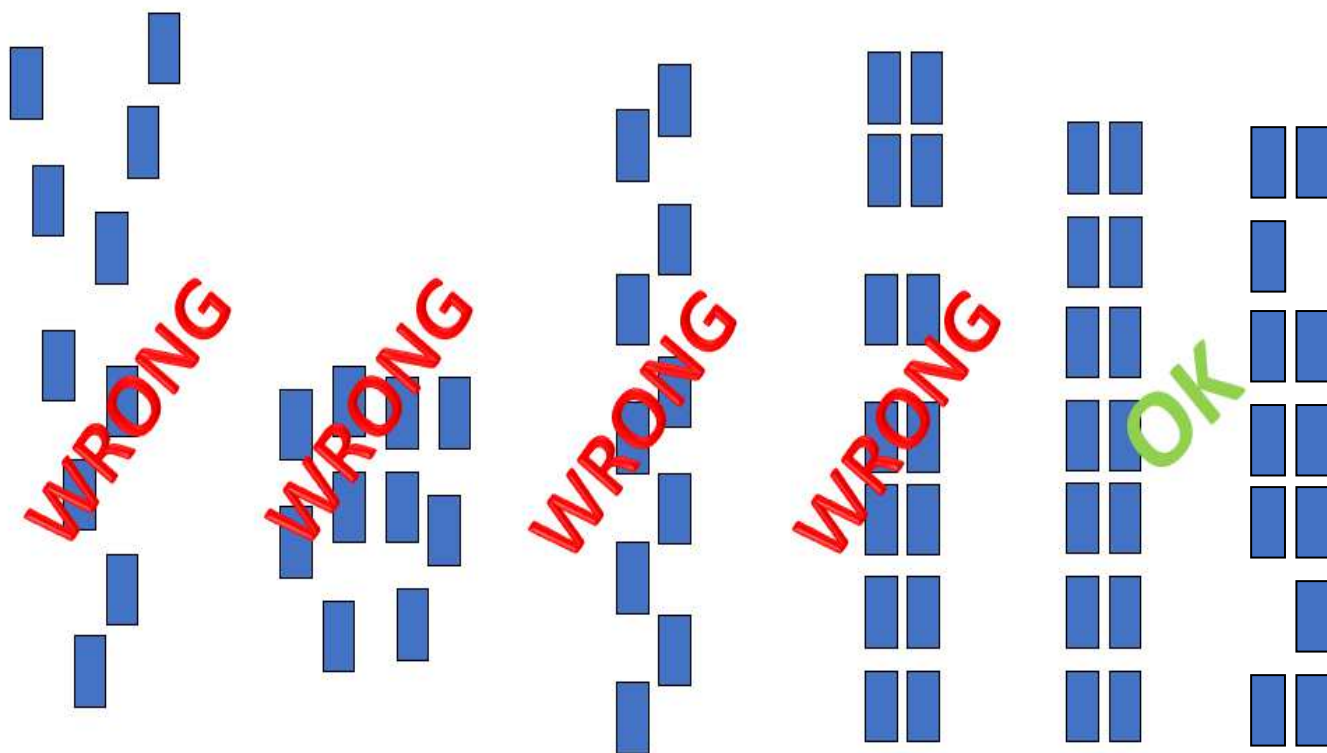


AT MP33 CARS STOP WARMING UP THEIR TYRES AND FORM UP IN 2X2 LINE

A PARTIR DU MP33 LES VOITURES NE CHAUFFENT PLUS LEURS PNEUS ET RESTENT EN 2X2 EN LIGNE

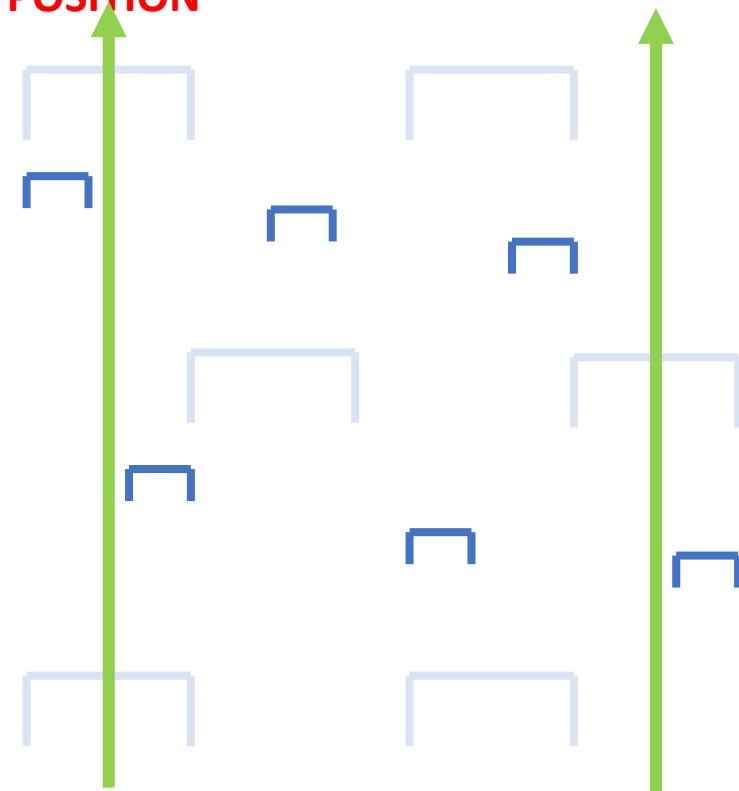
GRID FORMATION 2X2 IN LINE POLE POSITION LHS

FORMATION PELOTON DEPART LANCE 2X2 POLE POSITION A GAUCHE



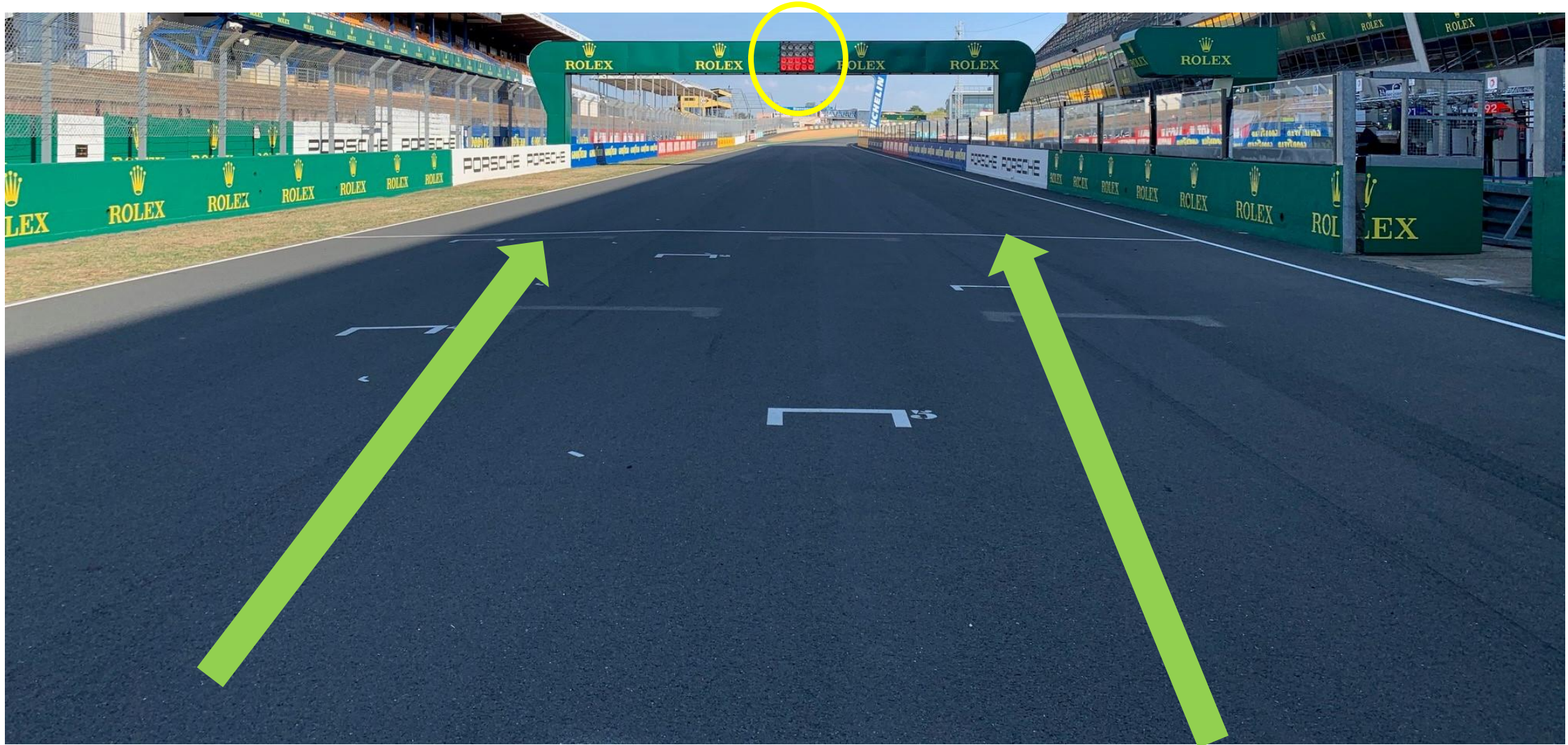
OK

POLE
POSITION

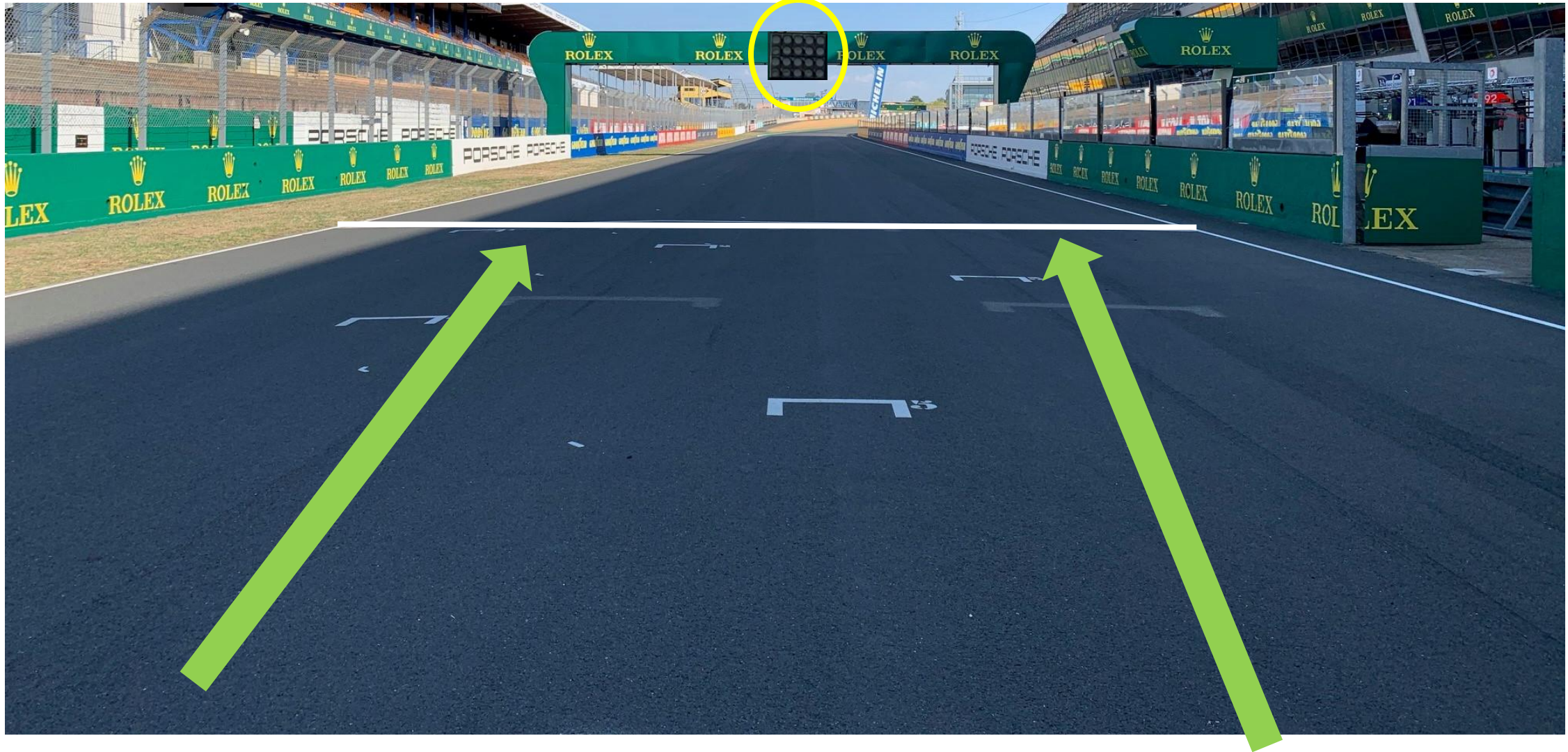


LAISSEZ LA PLACE DE LA VOITURE MANQUANTE
IF A CAR IS MISSING THE GAP MUST BE RESPECTED

START LIGHTS FEUX DE DEPART



WAIT THE START LINE FOR OVERTAKE – ATTENDRE LA LIGNE DE DEPART POUR DEPASSER



RACE START ALIGNEMENT

ALIGNEMENT DEPART

TWO LINES OF CARS THROUGH GRID BOXES



2 LIGNES DE VOITURES PARRALLELES A TRAVERS LES BOX SUR LA GRILLE

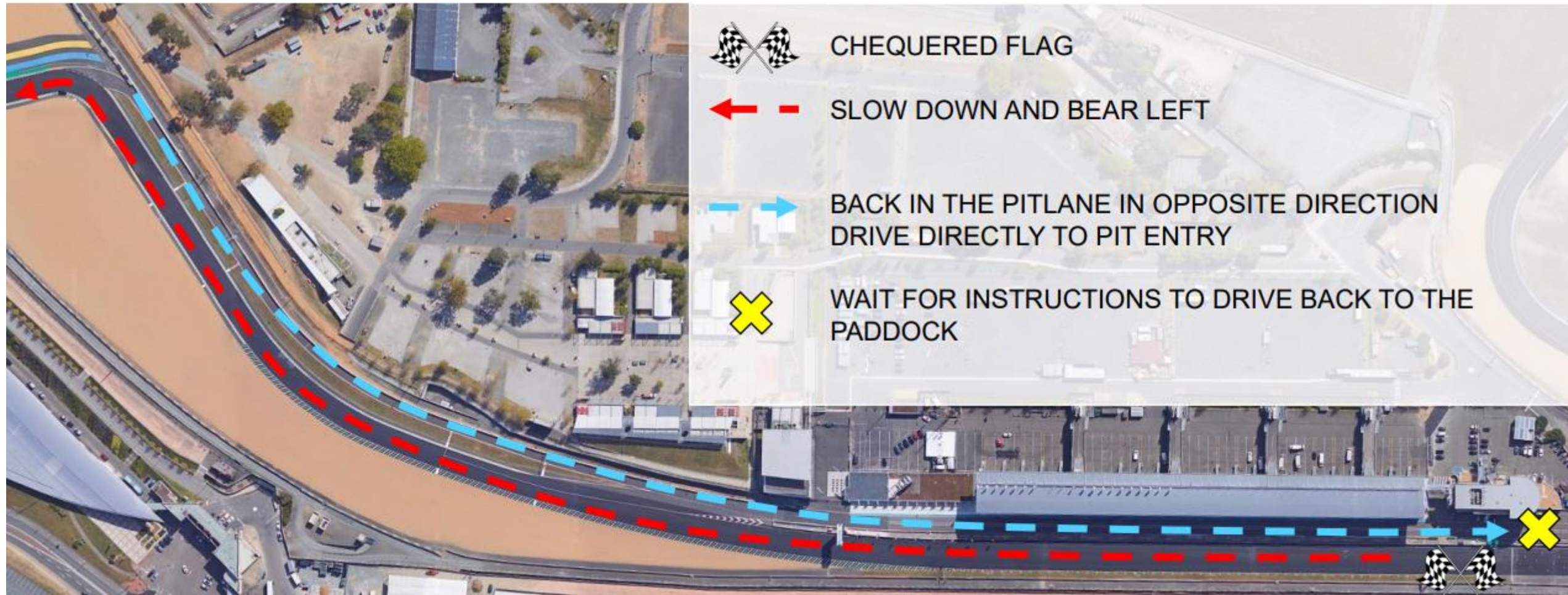
CONTROL LINE - FINISH LINE - RESTART LINE

LIGNE DE CONTROL RELANCE SC



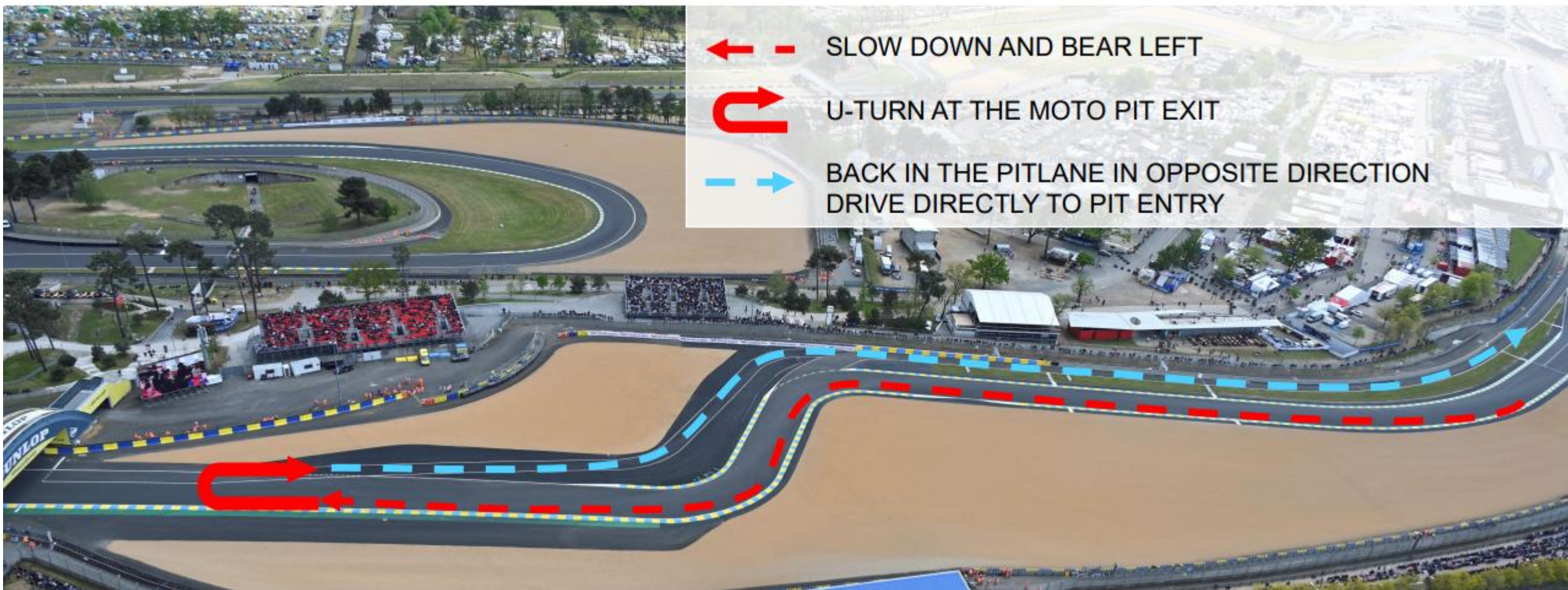
RETURN TO PADDOCK AFTER QUALIFYING AND RACE

PROCEDURE RETOUR PADDOCK APRES QUALIF ET COURSE



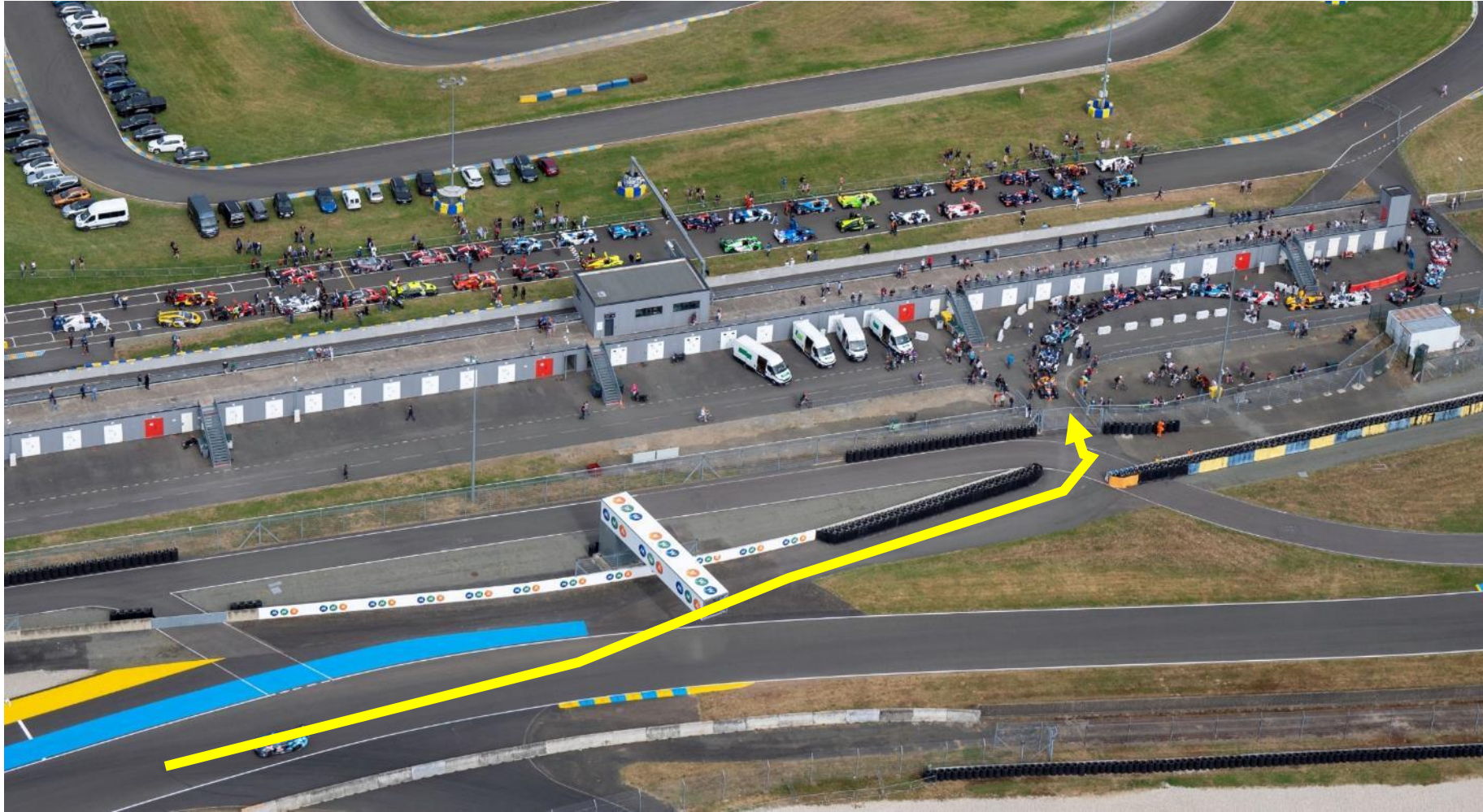
RETURN TO PADDOCK AFTER QUALIFYING AND RACE

PROCEDURE RETOUR PADDOCK APRES QUALIF ET COURSE



END OF SESSION

FIN DE SESSION RETOUR PADDOCK



GENERAL INFORMATION

- *BULLETIN 1 ISSUED*

- *COMITTEE DECISION N°2*

- *TIMETABLE V2*

- *RACE DIRECTOR OFFICE IN THE MODULE SPORTIF*

- *STEWARDS OFFICE ON THE LIGIER PADDOCK*



LIGIER
EUROPEAN SERIES
MERCI

24h
LE MANS®