



Annex 12 #2.6.4

Camera Monitor arrangement



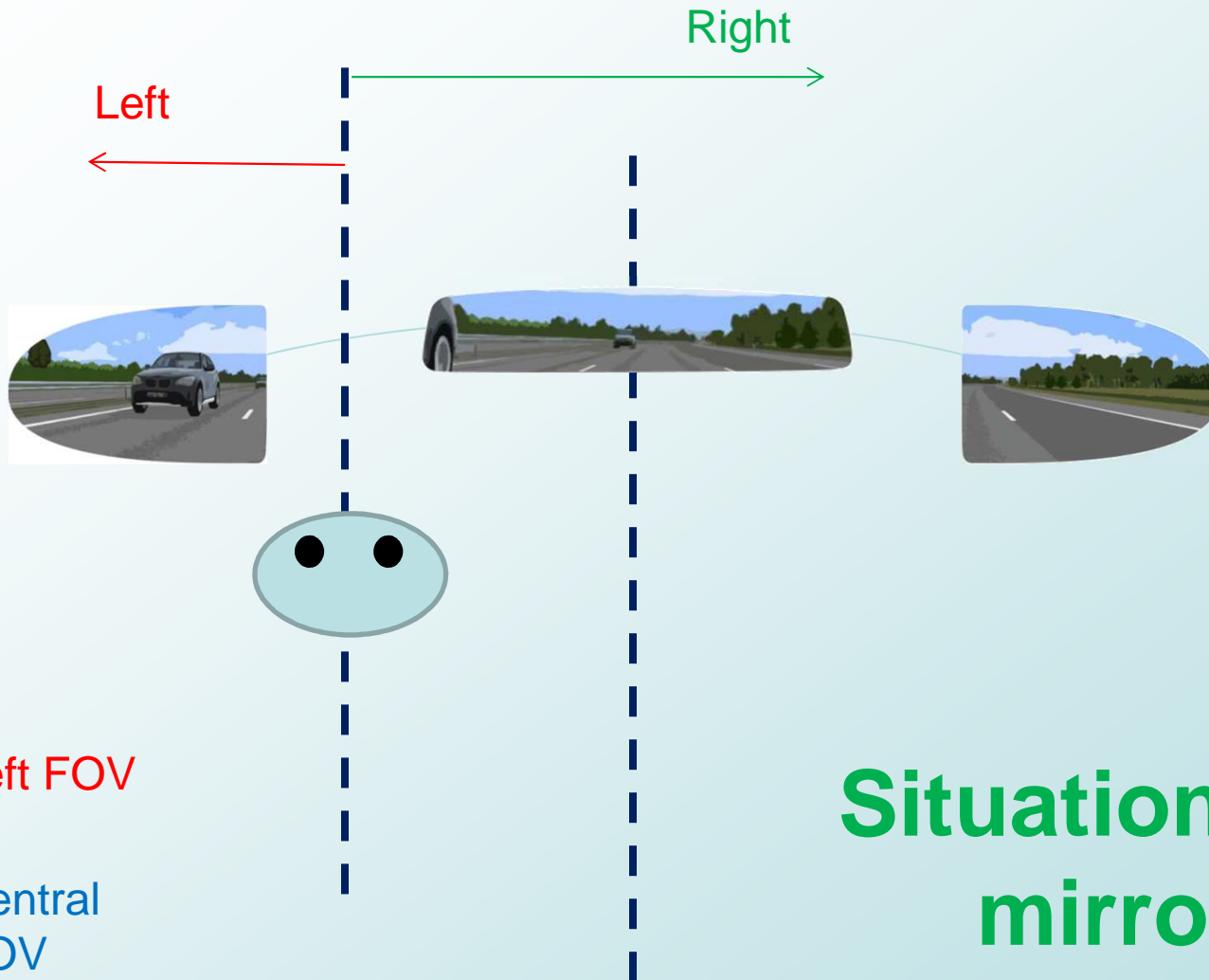
First proposal for location of the different display areas



“The arrangement of the monitor(s) inside the vehicle shall be in such a way as expected by a driver.

This means, that the image of the **right side field of view shall be presented to the right of the longitudinal vertical plane passing through **the ocular reference point**, defined in paragraph 12.1. The image of the **left** side field of view shall be presented to the left of the longitudinal vertical plane passing **through the ocular reference point**.**

If the CMS shows more than one FOV on one display, non-continuous images shall be clearly separated from each other.”

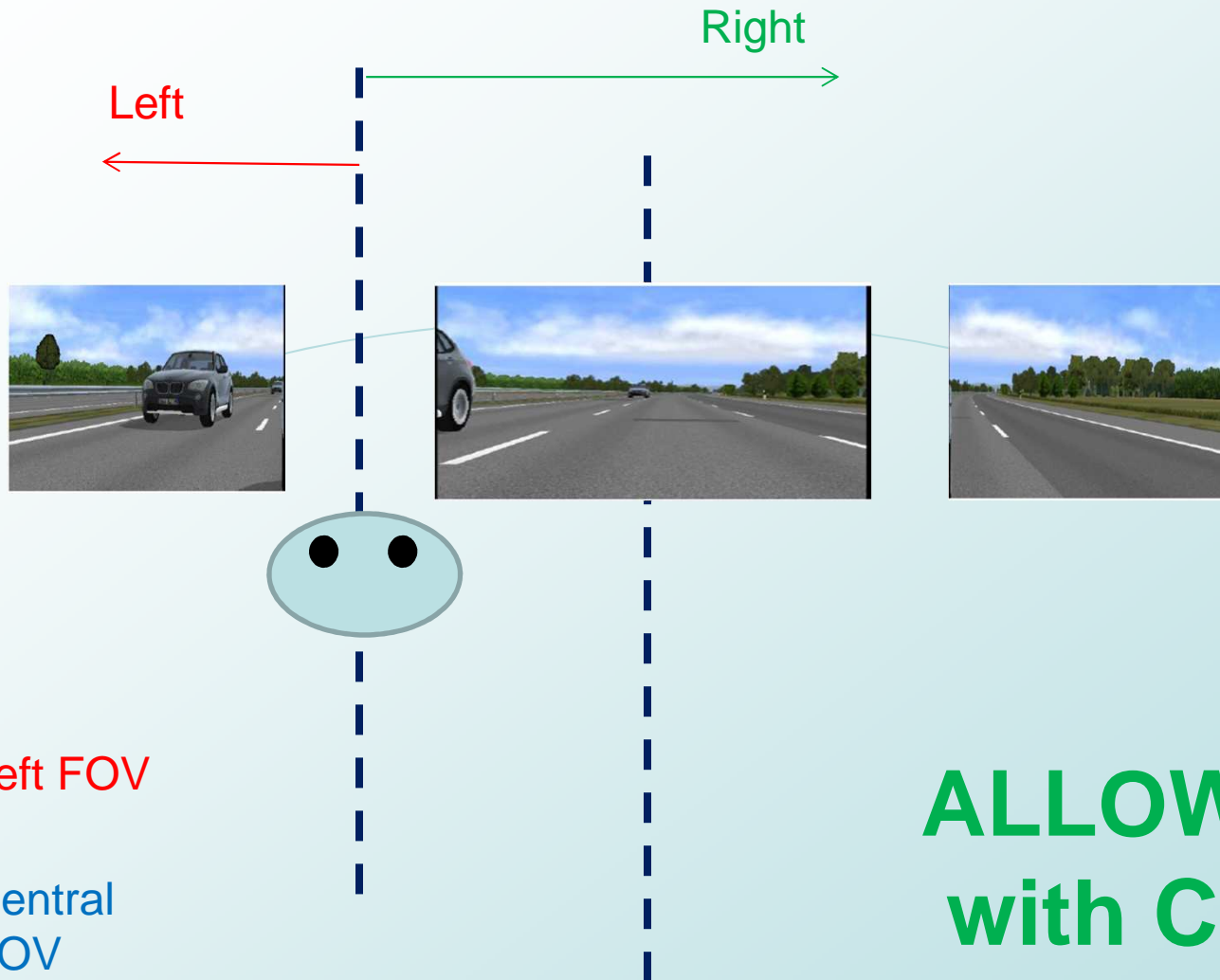
Monitor Arrangement



-  Left FOV
-  Central FOV
-  Right FOV

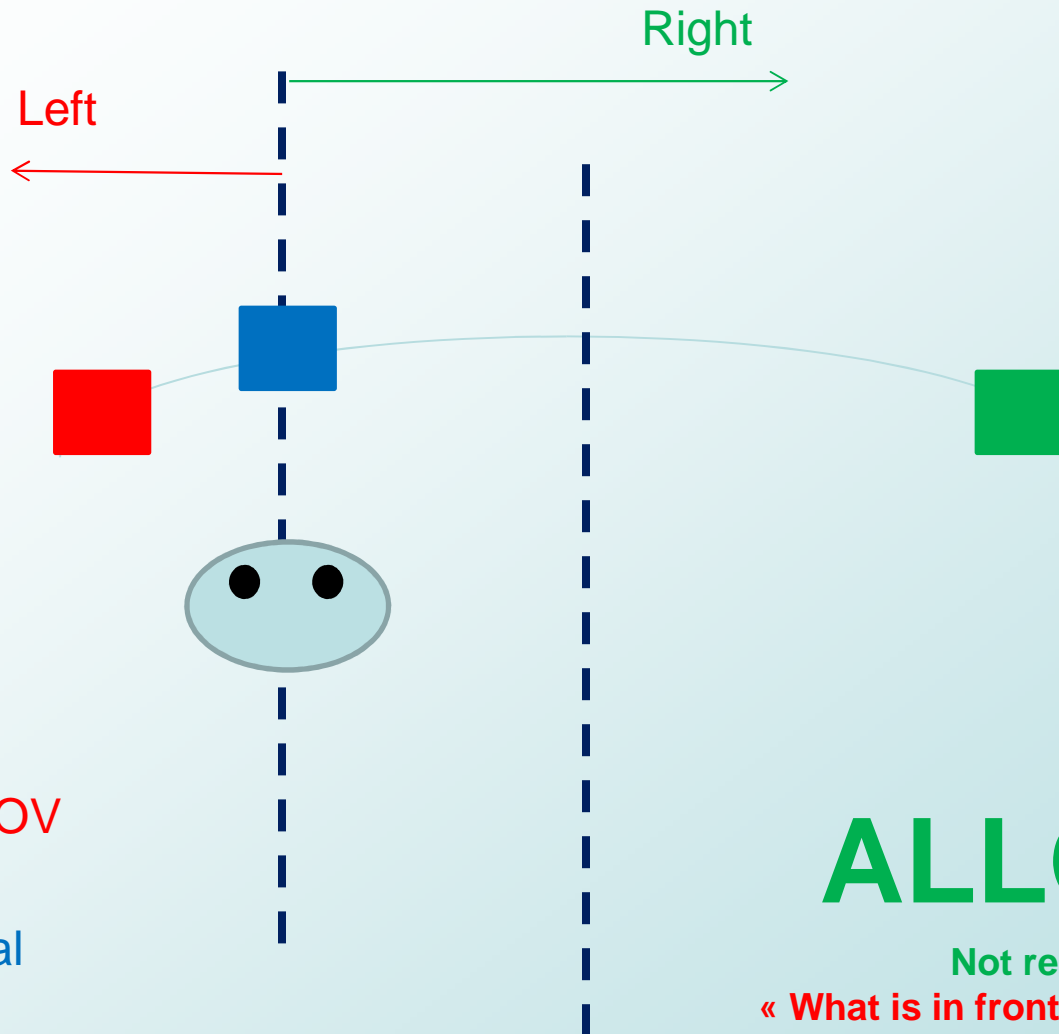
Situation with mirrors


Monitor Arrangement



**ALLOWED
with CMS**

Monitor Arrangement

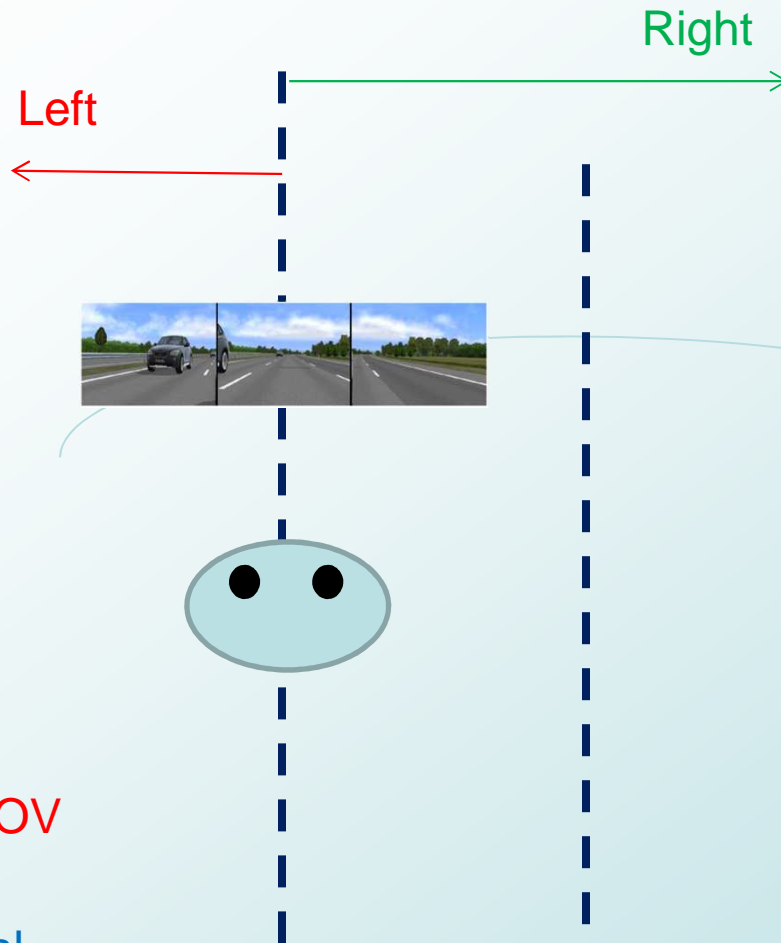




-  Left FOV
-  Central FOV
-  Right FOV

ALLOWED

Not recommended
« What is in front of the driver should be dedicated to forward driving informations »

Monitor Arrangement

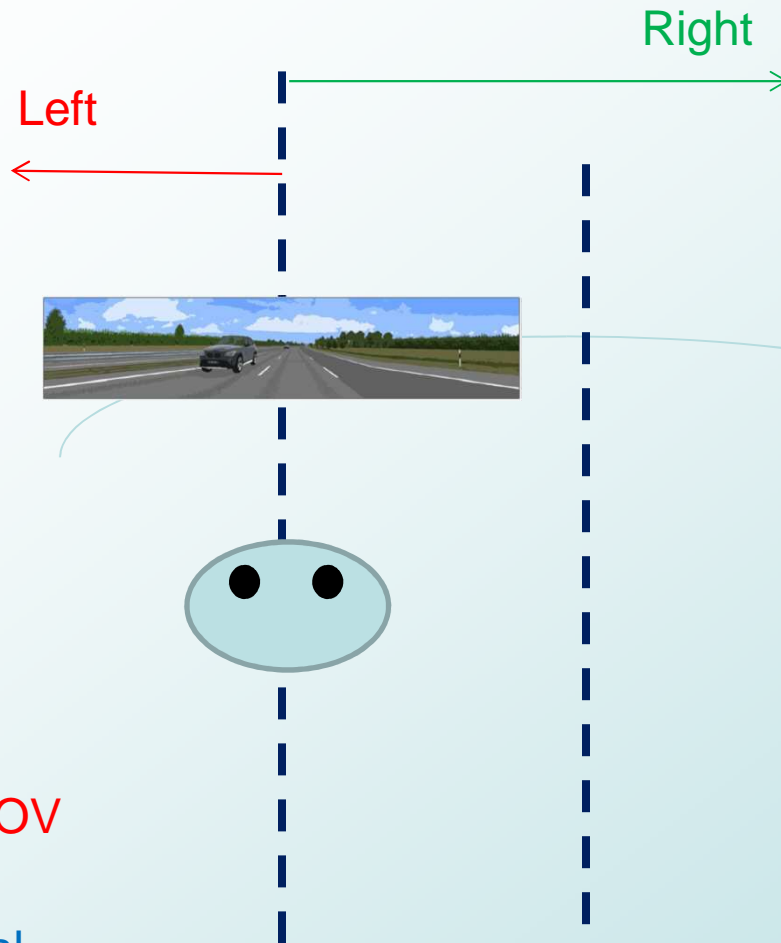


-  Left FOV
-  Central FOV
-  Right FOV

ALLOWED

Not recommended
« What is in front of the driver should be dedicated to forward driving informations »

Monitor Arrangement



Left FOV



Central
FOV



Right
FOV

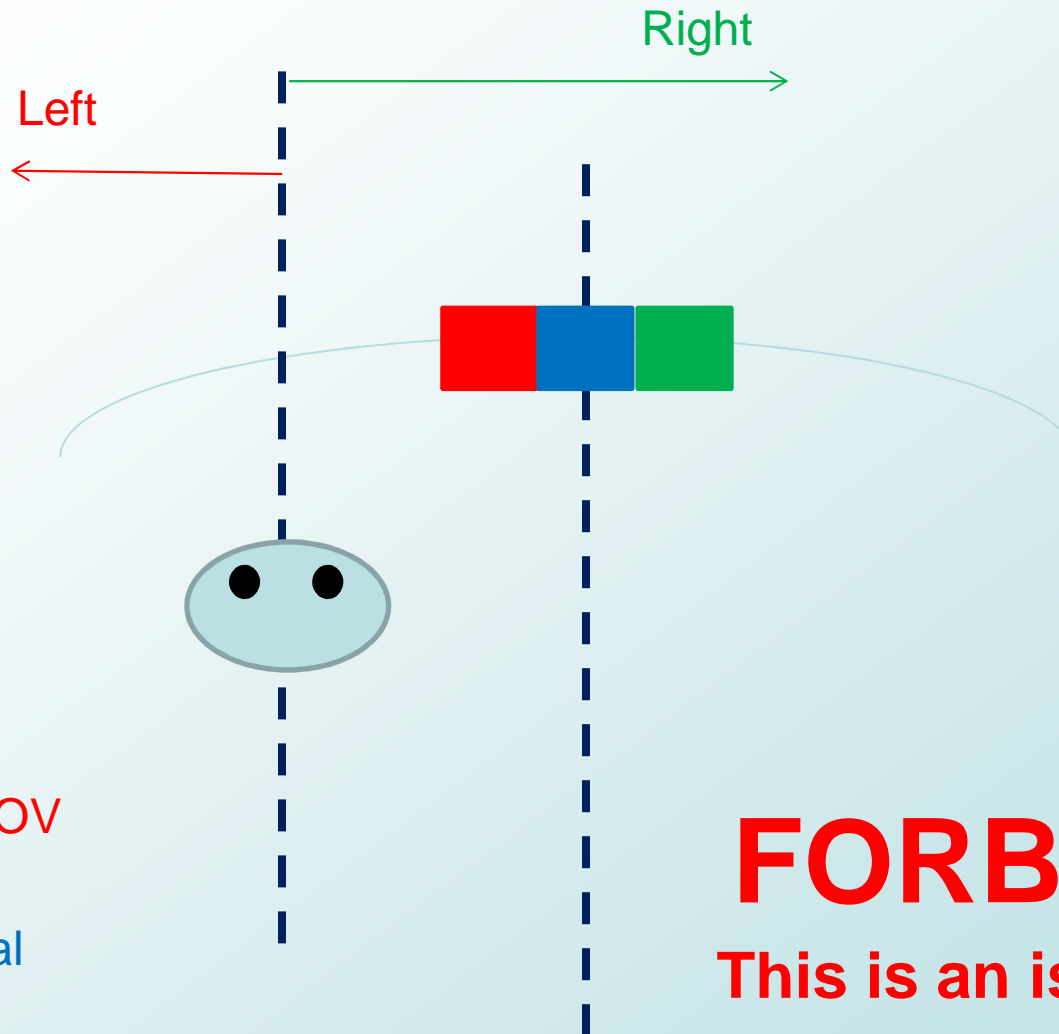
ALLOWED

Not recommended

« What is in front of the driver should be dedicated to forward driving informations »



Monitor Arrangement



-  Left FOV
-  Central FOV
-  Right FOV

FORBIDDEN
This is an issue for OICA



OICA proposal

“The arrangement of the monitor(s) inside the vehicle shall be in such a way as expected by a driver.

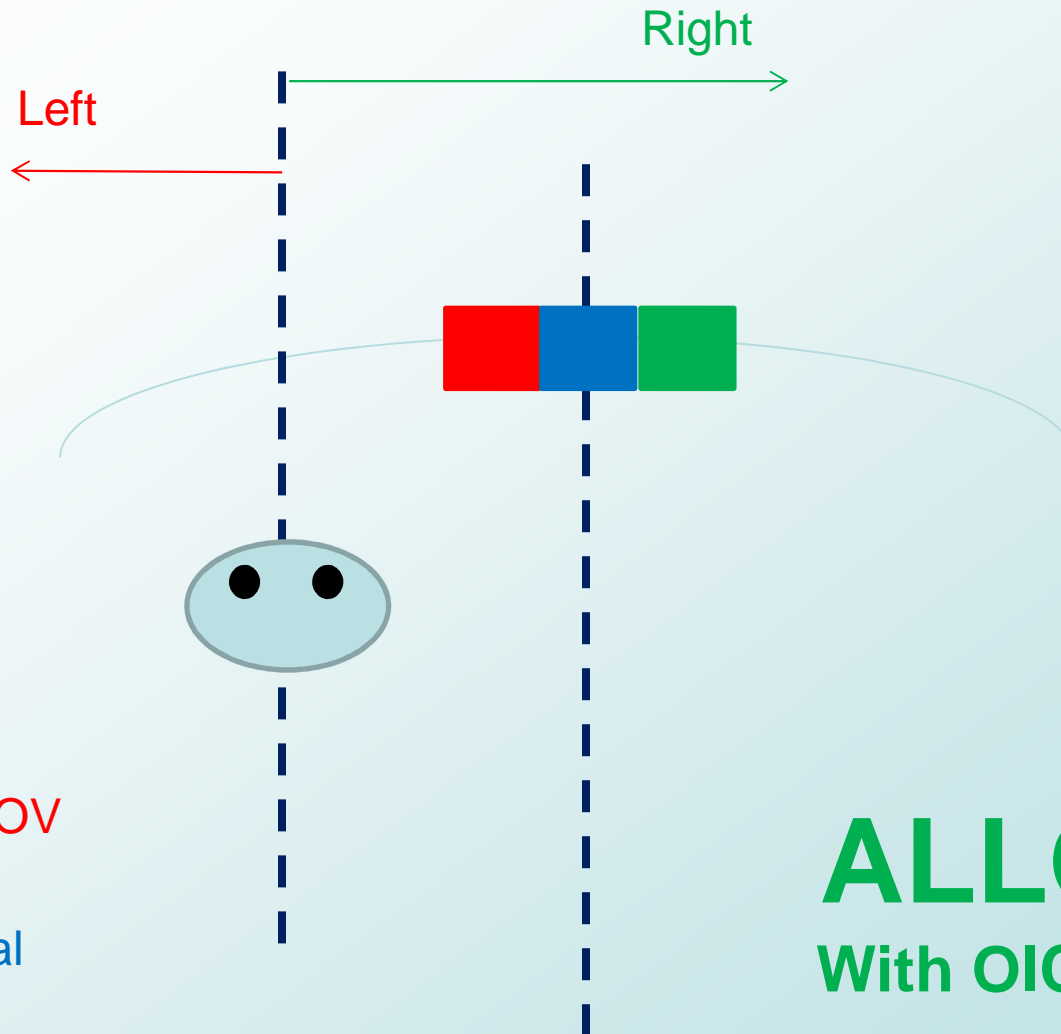
This means, that the image of the **right side field of view shall be presented to the right of the longitudinal vertical plane passing through **the ocular reference point**, defined in paragraph 12.1. The image of the **left** side field of view shall be presented to the left of the longitudinal vertical plane passing through **the ocular reference point**.**




Notwithstanding the above requirements, in case where the three fields of view are shown on one display , the central axis of the latter may be located between the longitudinal vertical plane passing through the ocular reference point and the median longitudinal plane of the vehicle.

If the CMS shows more than one FOV on one display, non-continuous images shall be clearly separated from each other.”



Monitor Arrangement



-  Left FOV
-  Central FOV
-  Right FOV

ALLOWED
With OICA proposal



OICA 2nd proposal with the 1st proposal

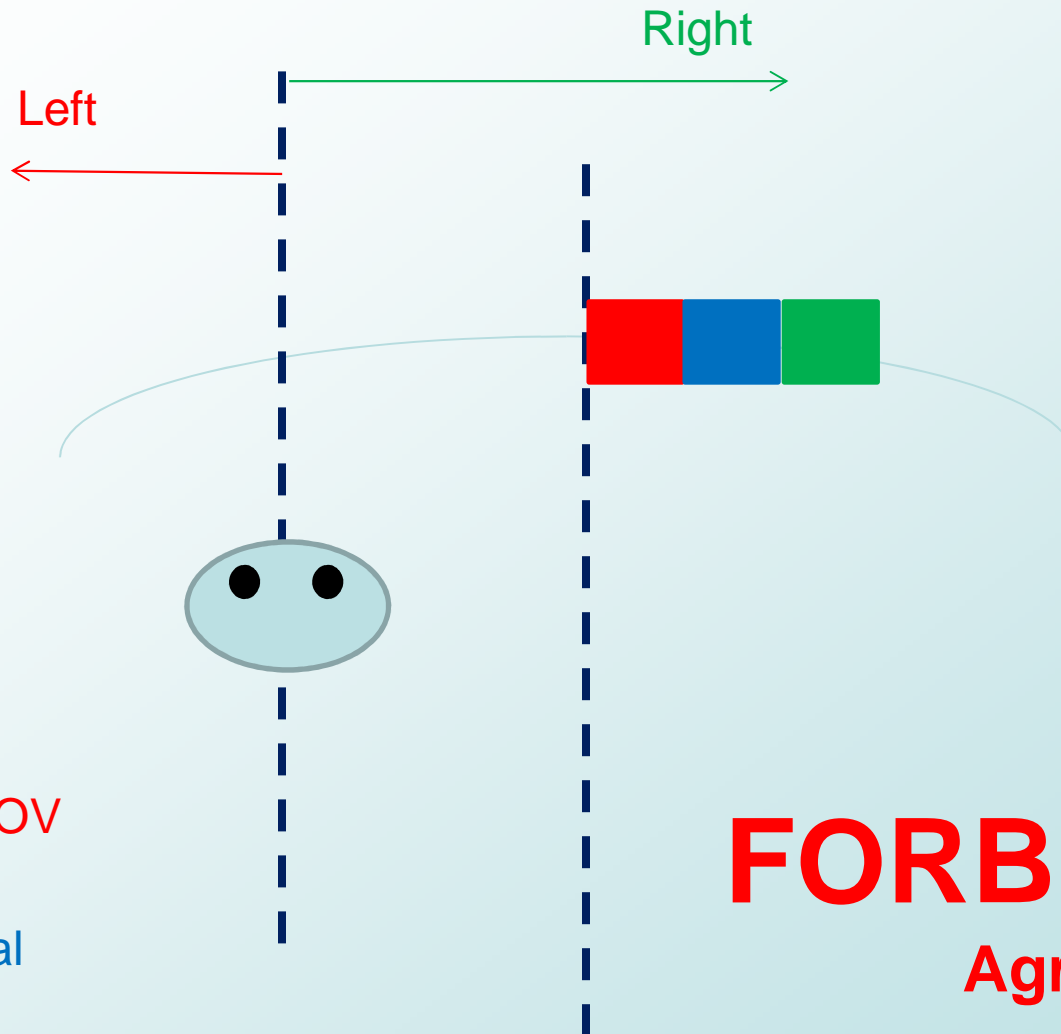
“The arrangement of the monitor(s) inside the vehicle shall be in such a way as expected by a driver.



This means, *for a left hand drive vehicle*, that the image of the right side field of view shall be presented to the right of the longitudinal vertical plane passing through the ocular reference point, defined in paragraph 12.1. The image of the left side field of view shall be presented to the left of the longitudinal vertical plane passing through the ocular reference point.

Notwithstanding the above requirements, in case where the three fields of view are shown on one display , the central axis of the latter may be located between the longitudinal vertical plane passing through the ocular reference point and the median longitudinal plane of the vehicle.

If the CMS shows more than one FOV on one display, non-continuous images shall be clearly separated from each other.”

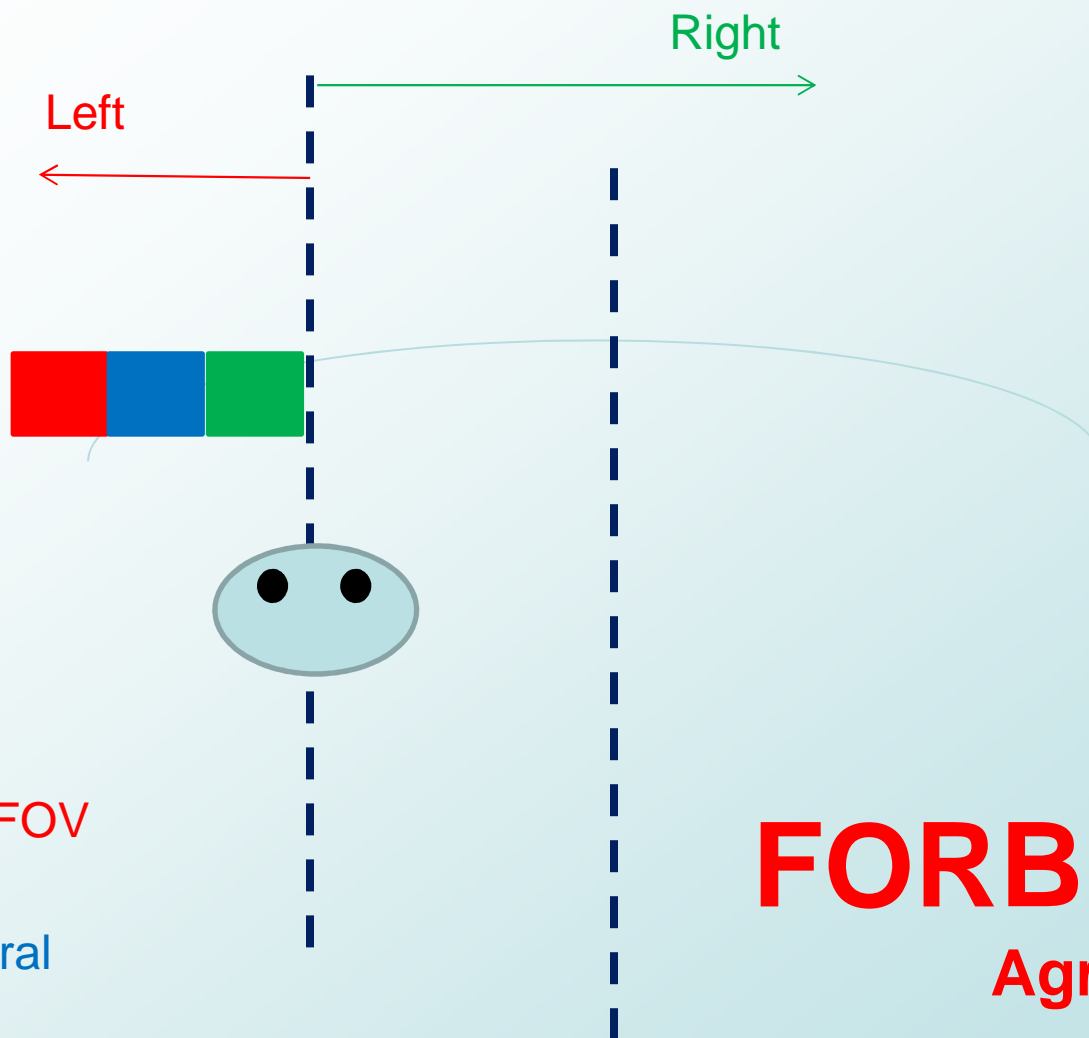
Monitor Arrangement



-  Left FOV
-  Central FOV
-  Right FOV

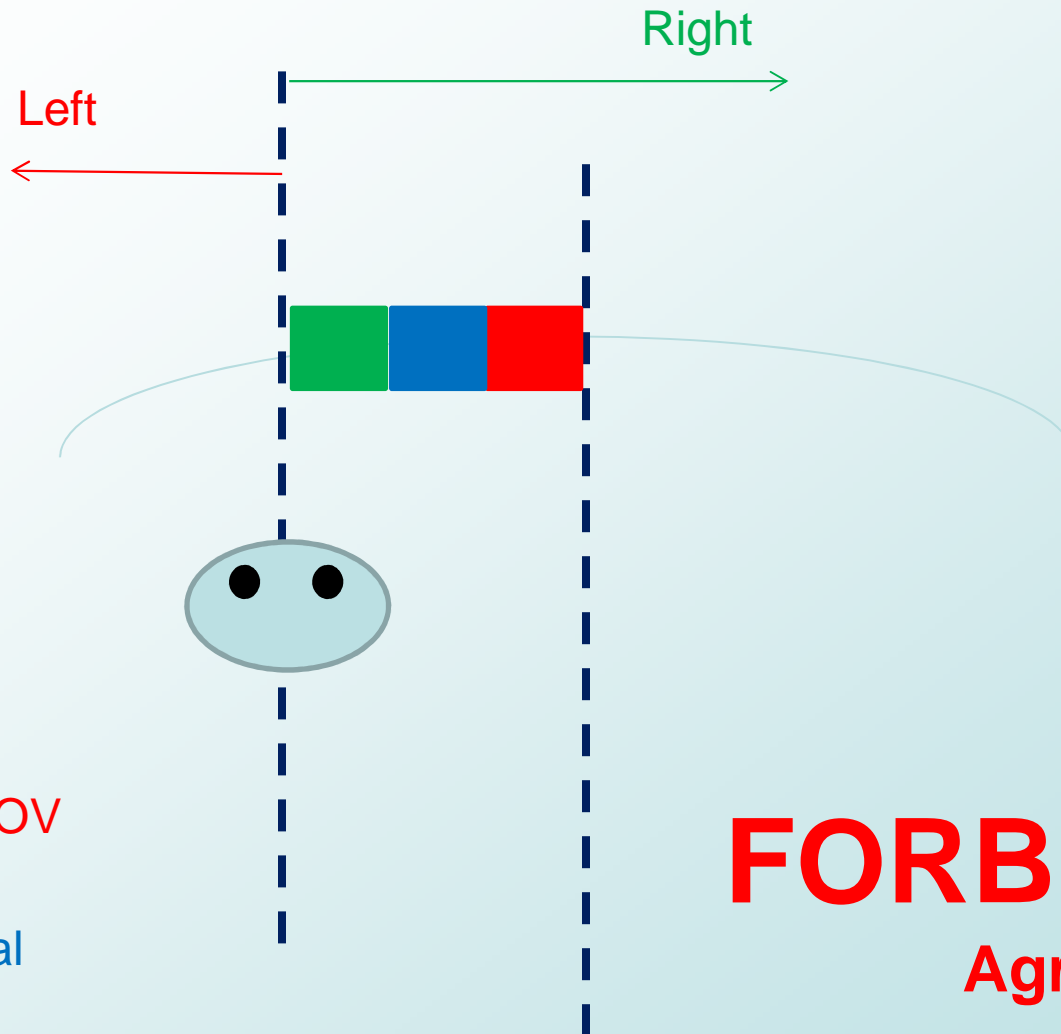




Monitor Arrangement



-  Left FOV
-  Central FOV
-  Right FOV

Monitor Arrangement



-  Left FOV
-  Central FOV
-  Right FOV

FORBIDDEN
Agreed