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EXECUTION

VERIFICATION



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SUMMARY

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1. OBJECTIVE

This document aims to assist in the selection of color schemes for residential spaces in Petrobras FPSOs. The two main objectives are:

- **1.1** Follow the corporate identity of Petrobras.
- **1.2** Make sure that each environment has the appropriate characteristics for its use.

This guideline serves as a tool to simplify color selection by narrowing design options rather than just a set of constraints.

2. HOW TO USE THIS GUIDELINE

The first part of this guideline presents the colors applied. These colors are divided into Petrobras Colors and Neutral Colors.

The second part lists Petrobras palettes derived from Petrobras colors. It's crucial to note that specific palettes, even if they contain Petrobras colors, must not be combined.

The third part shows how to apply the concept of colors and palettes to each class of room.

In the fourth part, we can find some effective examples of Petrobras colors used successfully. The chosen colors align with the corporate identity and create the desired ambiance for each room.

3. FIRST PART - COLORS

This section showcases the colors used in a color scheme, which includes Petrobras colors and neutral colors.

The Petrobras colors, this guideline focus, give the company's identity. The neutral colors make up the color scheme to harmonize with Petrobras colors.

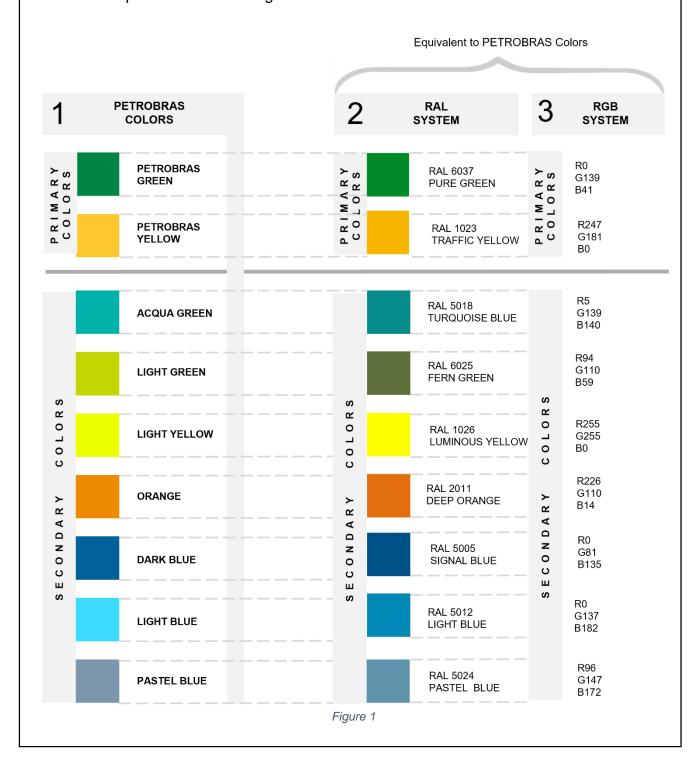
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3.1 PETROBRAS COLOR REFERENCE

The Petrobras Colors are in the first column.

The second column contains the same colors, converted to the RAL System. RAL refers to tangible materials. We suggest informing the RAL Reference when requesting material samples or catalogs from a manufacturer.

The third column contains the RGB Reference for these RAL Colors. The RGB system is used to reproduce colors in digital media.





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3.2 NEUTRAL COLOR REFERENCE

Neutral colors may be categorized as warm neutrals or cool neutrals.

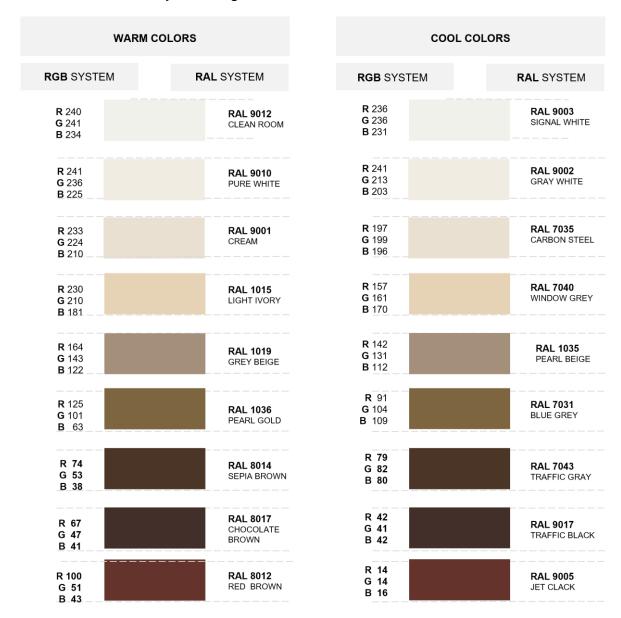


Figure 2

For a comfortable and restful ambiance, it is recommended to apply warm neutral colors. In contrast, cool neutral colors are ideal for a calm and soothing environment.

3.3 COLOR SATURATION

The guideline presents Petrobras colors in their purest and most vivid form. However, we acknowledge that the materials applied may not perfectly match these colors. These materials are expected to have shades lighter or darker than these colors.

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Less saturated colors make rooms more relaxing and less cloying and are recommended for use on larger surfaces. By more extensive surfaces we mean floors, walls, curtains, large pieces of furniture or fabric. On the other hand, more saturated colors can be eye tiring, so they can be reserved for smaller surfaces, like details, accessories.

3.4 COLOR WHEEL

A color wheel is a visual representation of all the colors in the spectrum. See below:

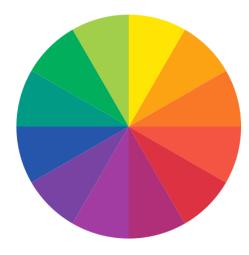


Figure 3

Just over half of this wheel is usable for interior design purposes in FPSOs. Note that the excerpt from violet to red does not belong to our color scheme. Red, for example, is not used as it is a safety-related color.



Not allowed colors

Figure 4

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3.5 PETROBRAS COLOR WHEEL

Considering that some colors are not part of the Petrobras spectrum, we will use a different version of the color wheel in this guideline. See below the Petrobras Color Wheel:

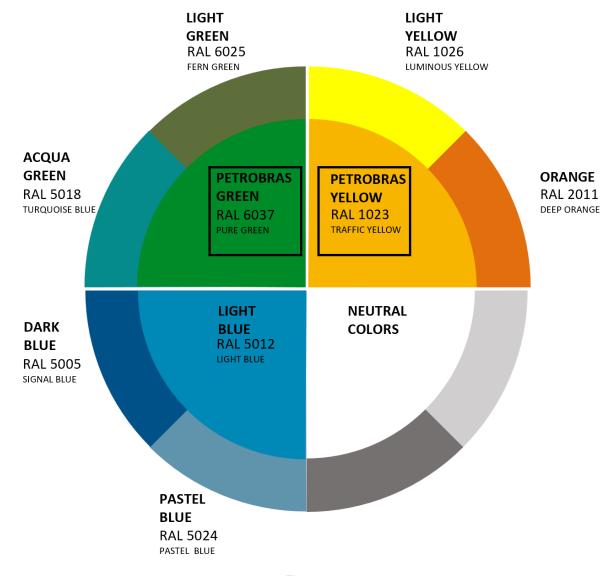


Figure 5

Petrobras Green and Petrobras Yellow are the two primary colors of our brand. These two colors, the heart of our brand, make up the Petrobras symbol. Utilizing only these two primary corporate colors would reinforce our identity but may make it appear cartoonish and overly vibrant.

So, it is recommended to apply secondary colors as well. These secondary colors offer a wide range of suitable colors and allow us to create various ambiences. These colors can be applied to predetermined palettes, ensuring a balanced and harmonious design.



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A quarter of this wheel belongs to the neutral colors.

3.6 COLOR WHEEL X PALETTES

The color wheel serves as the foundation for creating color palettes.

When creating a palette, we select colors from the wheel. Depending on the colors chosen, we can create analogous or complementary harmonies.

Analogous harmonies are formed by selecting adjacent colors on the color wheel, while complementary harmonies are formed by selecting opposite colors on the wheel.

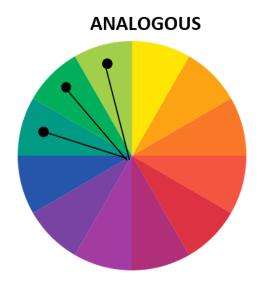




Figure 6

Analogous colors in less saturated versions are recommended for relaxation spaces. On the other hand, complementary and saturated colors are suggested for spaces where energy and creativity are desired.

4. SECOND PART - PALETTES

The Petrobras Color palettes are organized into distinct groups. There are 33 palettes of three colors and 21 palettes of two colors.

Each color palette evokes a specific mood and may be more suitable for a particular room than another. In addition to the colors themselves, their saturation also matters. Generally, schemes with analogous, cool, and desaturated colors give a feeling of calm

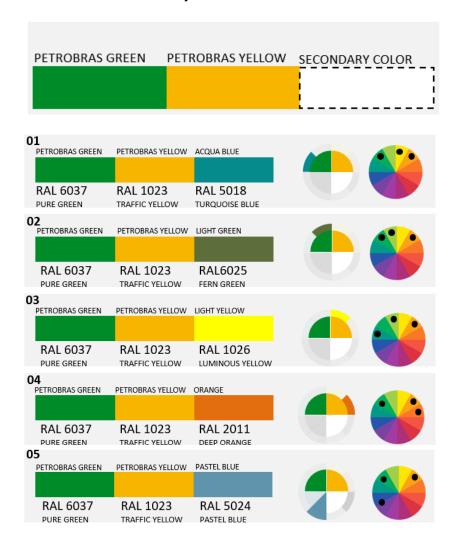


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and cleanliness. On the other hand, applying warm, saturated, and complementary colors can be very vibrant but also disturbing and tiring to the eyes.

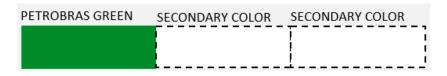
4.1 GROUP A

Group A palettes comprise two primary colors (Petrobras Green and Petrobras Yellow) plus a Petrobras Secondary Color.



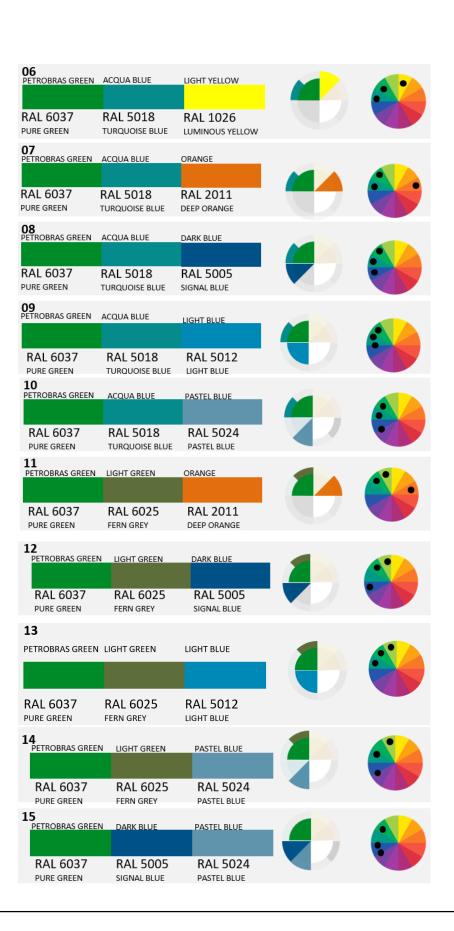
4.2 GROUP B

Group B palettes comprise one primary colors (Petrobras Green) plus two Petrobras Secondary Color.



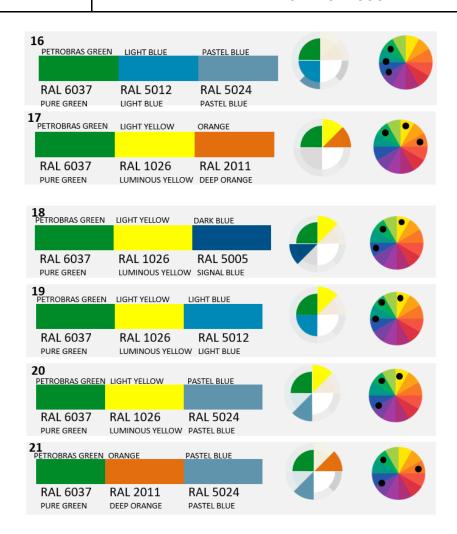


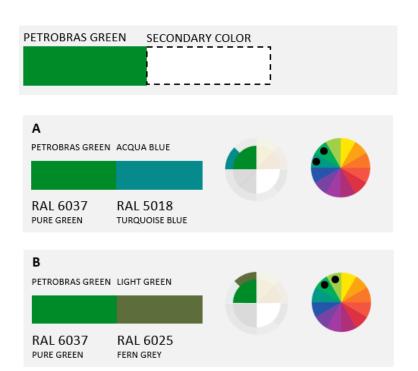
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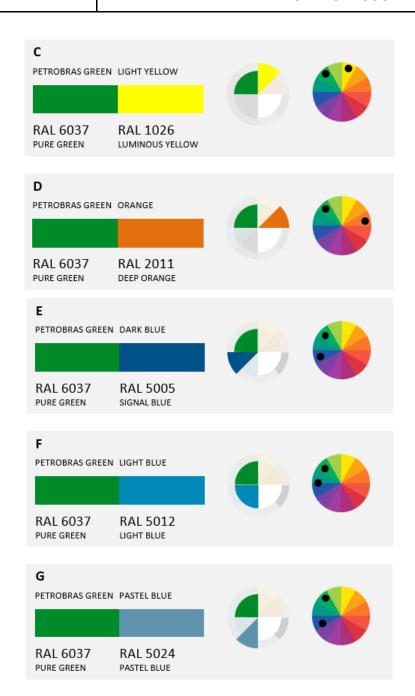
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4.3 GROUP C

Group C palettes comprise one primary colors (Petrobras Yellow) plus two Petrobras Secondary Color.

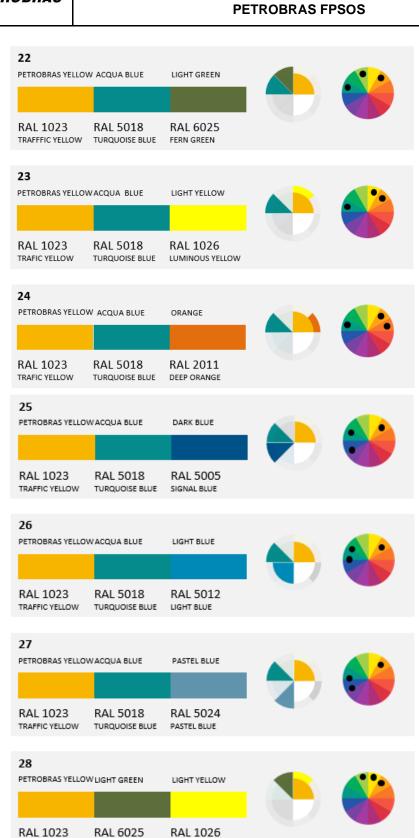
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TRAFFIC YELLOW

FERN GREY

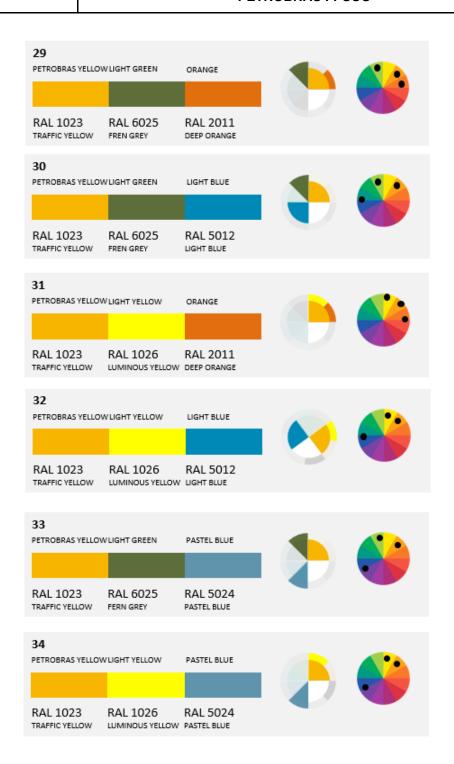
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COLOR SCHEMES GUIDELINES FOR LIVING SPACES FOR		ESU	Р
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LUMINOUS YELLOW



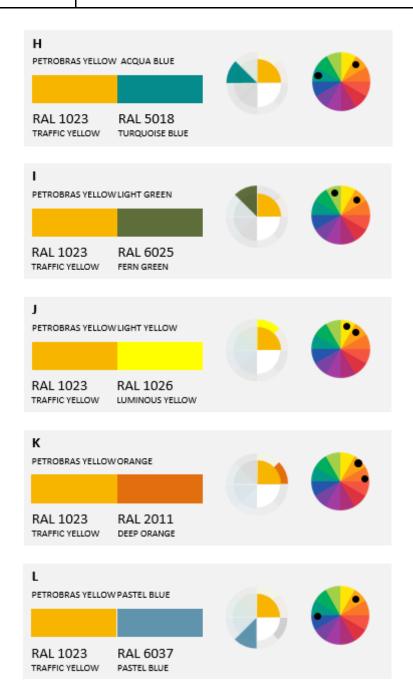
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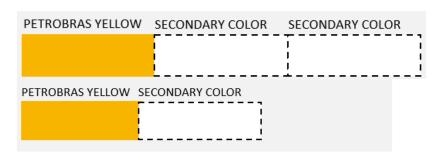


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4.4 GROUP D

Group D is made up of monochromatic colors that belong to the same quadrant. It includes groups of blue, green, and yellow.



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					М				
					PETROBRAS GREEN	ACQUA BLUE			
					RAL 6037 PURE GREEN	RAL 5018 TURQUOISE BLUE			
35 – GREEN		E LIGHT GREEN	4		N PETROBRAS GREEN	LIGHT GREEN			
RAL 6037 PURE GREEN	RAL 501 TURQUOISE				RAL 6037 PURE GREEN	RAL 6025 FERN GREEN			
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					LIGHT GREEN	ACQUA BLUE			
					RAL 6025	RAL 5018			
					FERN GREEN	TURQUOISE BLUE			
					P				
					PETROBRAS YELLOW	V LIGHT YELLOW			
					RAL 1023	RAL 1026			
					TRAFIC YELLOW	LUMINOUS YELLOW			
36 - YELLOW PETROBRAS YELLOV		LIGHT YELLOW			Q PETROBRAS YELLOV	V ORANGE			
RAL 1023 TRAFFIC YELLOW	RAL 2011 DEEP ORANG				RAL 1023 TRAFIC YELLOW	RAL 2011 DEEP ORANGE			
					R				
					LIGHT YELLOW	ORANGE			
					RAL 1026	RAL 2011			
					LUMINOUS YELLOW	DEEP ORANGE			
					S				
					LIGHT BLUE	DARK BLUE			
					RAL 5012	RAL 5005			
					LIGHT BLUE	SIGNAL BLUE			
37 - BLUE CO	DLORS DARK BLUE	PASTEL BLUE			T LIGHT BLUE	PASTEL BLUE			
Dani Stot	DANK DEUE	- AUTEL DEVE					7		
RAL 5012 LIGHT BLUE	RAL 5005				RAL 5012 LIGHT BLUE	RAL 5024 PASTEL BLUE			
					U				
					DARK BLUE	LIGHT BLUE			

RAL 5005

SIGNAL BLUE

RAL 5024

PASTEL BLUE



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4.5 PROHIBITTED PALLETES

Some palettes are inappropriate, even if they contain Petrobras colors. Therefore, it is prohibited to combine:

- Petrobras yellow and dark or light blue
- · Light yellow and dark or light blue
- · Orange and dark or light blue

These prohibited palettes can lead to inconsistency and lack of coherence in the visual identity.



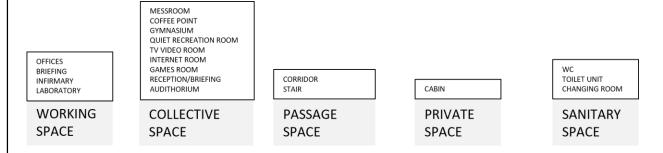


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COLOR SCHEMES GUIDELINES FOR LIVING SPACES FOR		ESU	Р
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5. HOW TO USE COLORS AND PALLETES

It is optional to apply all Petrobras Colors to each project. However, the selection of colors for each room shall be carefully considered to ensure they align with the desired mood. As a sample: when our workers step into their cabins, they should feel a sense of coziness and relaxation, not an extension of their office space. Conversely, the collective spaces, where our employees interact with their colleagues, shall have a different ambiance from the office and cabins.

Regarding the Color Scheme, there are these following classes of rooms.



5.1 COLOR SCHEME REPORT

The Color Scheme materializes in a document to be issued by the Seller.

The document shall detail the materials to be applied in the Interior Design. In addition to the description of the materials, the Color Scheme is made up of the rendered perspectives. The rendered perspectives shall indicate which Petrobras colors and palettes were applied to each room.

5.1.1 WORKING SPACE

Color schemes for workspaces can significantly impact productivity and creativity. These spaces should enhance focus and concentration. Cool colors have a calming effect and can promote focus and attention to detail. It is recommended that complementary colors be applied as an accent to make the space more visually appealing.

The Central Control Room stands out among the working spaces. This room is characterized by its high-stress environment and constant monitoring of critical systems.

Seller shall present rendered perspectives for these rooms listed below:

- Main Office A411
- Coordination Office A408
- Meeting/Video Conference Room A418
- CCR-OA A413
- Infirmary A715
- Laboratory Equipment Area M15-101



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5.1.2 COLLECTIVE SPACE

Collective spaces are not meant to look like an extension of the workplace; instead, they shall be quite the opposite. These spaces, like the Gymnasium, Games Room, and TV/Video Room, are intended for workers to relax and interact with their colleagues. Collective spaces shall be designed to foster an open, enjoyable, and welcoming atmosphere. The color scheme for these areas can be more stimulating and vibrant than for other spaces. There is room to apply complementary color palettes that bring some visual interest.

The Quiet Recreation Room falls into Public Spaces. The mood is expected to be a little less vibrant than in the others in the same group.

The Messroom, a part of the Public Space, is a food space where colors should be chosen with care. The impact of color psychology on the mood of the space is significant. For instance, blue may not be advisable as it can suppress appetite and give a sense of coldness. On the other hand, the color green conveys freshness and health, while orange, as a warm color, stimulates appetite and promotes social interaction.

Seller shall present rendered perspectives for these rooms listed below:

- Gymnasium A209
- Messroom A320
- Barbecue Area/Varanda A329
- Coffee Point A332
- Internet Room A311
- Games Room 1– A307
- Games Room 2– A305
- Tv/Video Room A304
- Quiet Recreation Room A303
- Auditorium A427
- Reception/Briefing A718

5.1.3 PASSAGE SPACE

The corridor of each deck shall appear different from the others so that the occupants can realize which level they are on. This distinction is handy for spatial orientation, especially during emergencies. Differentiation is usually done by the color of the flooring. However, other elements, such as the color of doors or visual communication, can also create this differentiation.

Cold neutral colors shall be used as much as possible on the walls to give the impression of better lighting and cleanliness.



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Colors applied to corridor floors on the D and E decks shall match those used inside cabins.

Seller shall present rendered perspectives for these rooms listed below:

- Corridor 1- A300
- Stairs A301

5.1.4 PRIVATE SPACE

FPSO cabins are supposed to provide crew members with a serene and relaxing environment.

Opting for calming colors such as soft blues and greens can create a sense of tranquility and promote a sense of well-being. These colors can be used to create a soothing ambiance in the cabins, helping crew members unwind and recharge after long shifts.

For FPSO cabins with a more earthy feel, shades of brown, green and beige can create a warm and inviting ambiance.

The walls require warm, neutral colors to enhance coziness.

Seller shall present rendered perspectives for these rooms listed below:

- 4P CABIN A510
- 2P CABIN A515

5.1.5 SANITARY SPACE

The walls require cold, neutral colors to enhance the feeling of cleanliness and freshness.

Changing rooms, being larger spaces, offer more opportunities for creative color application. Accent colors can add visual interest when used on components like lockers and benches.

Seller shall present rendered perspectives for these rooms listed below:

- Men's Changing Room A207
- Women's Changing Room A210
- A510 Toilet Unit
- A515 Toilet Unit

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6. EXAMPLES

In this section, we will showcase successful examples of Petrobras colors being used. Each rendered image will include a reference to the colors and palettes that were applied. Upon this issuance of the Color Scheme report, the Seller will indicate which palette is being adopted.

6.1 WORKING SPACE

6.1.1 MAIN OFFICE - A411





Figure 7

6.1.2 MEETING/VIDEO CONFERENCE ROOM - A418



Figure 8





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		INTERNAL	

6.2 COLLECTIVE SPACE

6.2.1 QUIET RECREATION ROOM - A303









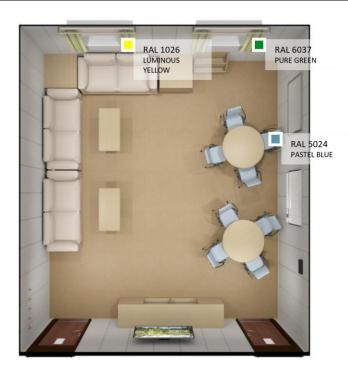


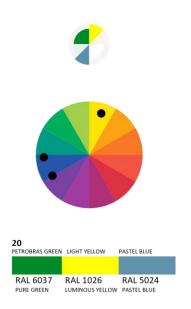


V DARK BLUE	PASTEL BLUE
	j j
RAL 5005 SIGNAL BLUE	RAL 5024 PASTEL BLUE



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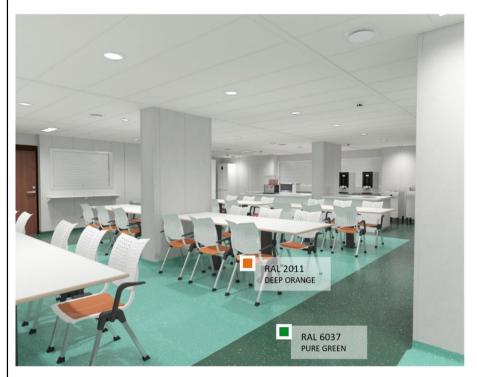
6.2.2 MESSROOM - A320







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6.3 PASSAGE SPACE

6.3.1 CORRIDOR

















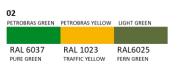
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6.4 PRIVATE SPACE

6.4.1 4P CABIN













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6.4.2 2P CABIN





RAL 6025 FERN GREY RAL 1026 LUMINOUS YELLOW

6.5 SANITARY SPACE

6.5.1 MEN'S CHANGING ROOM - A207





T	
LIGHT BLUE	PASTEL BLUE
RAL 5012	RAL 5024
LIGHT BLUE	PASTEL BLUE



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7. CONCLUSION

It is expected that environments have an atmosphere aligned with their use, and that they are safe and comfortable for workers.

Under the guidance of this document, work spaces, collective spaces and other areas will convey the Petrobras identity while being functional, each considering its use.