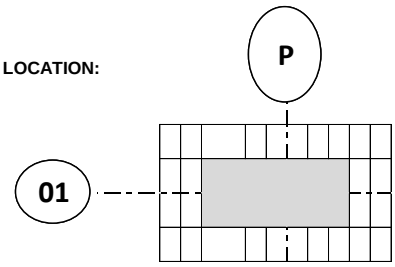
	PILES UNDERWATER INSPECTION	Rev. 1 Date: 07/04/2023

INSPECTION DATE: 4-jul-23

1. PILE DATA

LOCATION:



NOMENCLATURA: P - 01

PILE DIAMETER:

Underwater inspection was carried out to check the conditions of the pile both on the surface and under water.

PHOTOGRAPHIC RECORD

Image 1: Pile - nomenclature P-01

Image 2: Pile P-01 Below tide level covered largely by organisms.

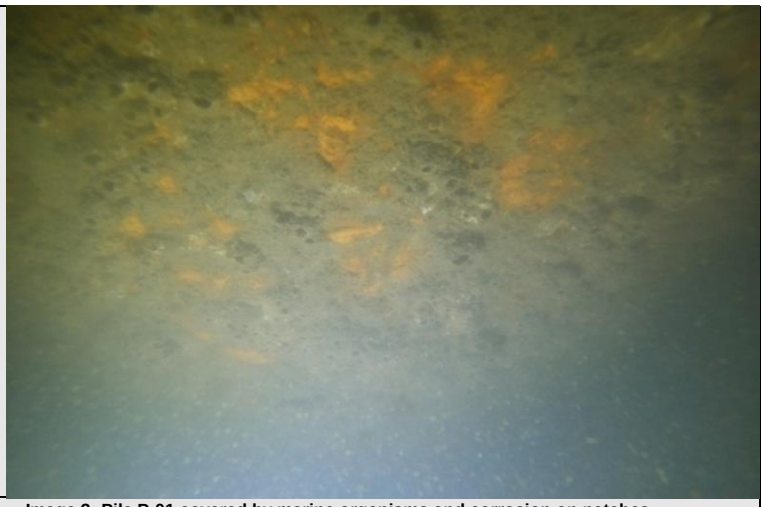


Image 3: Pile P-01 covered by marine organisms and corrosion on patches.

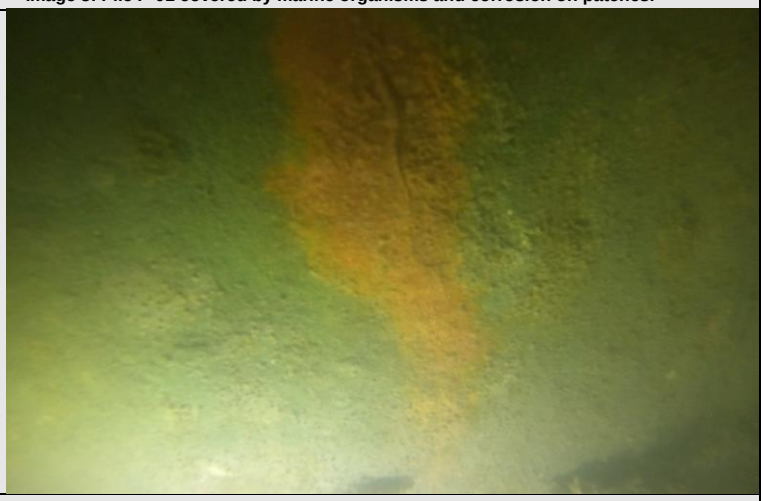


Image 4: Pile P-01 metal expose with presence of corrosion.

Severe Damage					Loss of cross - sectional area, or evaluate material			
STRUCTURE STATUS / LEVEL	STEEL COATING	CONCRETE	WOOD	COMPOSITE	STEEL COATING	CONCRETE	WOOD	COMPOSITE
I		N/A	N/A	N/A	N/A	N/A	N/A	N/A
II	X	N/A	N/A	N/A	N/A	N/A	N/A	N/A
III		N/A	N/A	N/A	N/A	N/A	N/A	N/A
IV		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Observations: There is evidence of poroxity, and corrosion on the steel coating surface.					Observations: there is no evidence of loss material.			

Surface defects normally obscured by marine growth				
STRUCTURE STATUS / LEVEL	STEEL	CONCRETE	WOOD	COMPOSITE
I		N/A	N/A	N/A
II		N/A	N/A	N/A
III		N/A	N/A	N/A
IV	X	N/A	N/A	N/A
Observations: The structure is completely covered by marine growth				

Routine Underwater Conditions Assessment Rating

Ratting		Description
6	Good	6. No visible damage, or only minor damage is noted. Structural elements may show very minor deterioration, but no overstressing is observed. No repairs are required.
5	Satisfactory	
4	Fair	

3	Poor	
2	Serious	
1	Critical	

Recommended Minimum scope of routine inspections - Inspection sample size and method (s)

0

Material	Level	Sample Size (100%)	method
Concrete	i	100	Visual or tactile presence of corrosion on steel coated
Piles	ii	10	
	iii	5	
Large	i	100	
elements2	ii	Every 100 lt	
	iii	Every 200 lt	
Steel	i	100	
Piles	ii	10	
	iii	0	
Large	i	100	
Elements2	ii	Every 100 lt	
	iii	0	

ELABORATED BY ASTURIAS INGENIERIA	DIVING SUPERVISOR	VoBo	OBSERVATIONS
Lead Diver: Piter Cuero	Juan D. Zapata Chacon	Camilo A. Chacon	No serious damages or cracking were found both on the surface and below tide levels.