

DESCRIÇÃO DA EMBARCAÇÃO CORCOVADO

Solicitação para inclusão da embarcação CORCOVADO operar como embarcação de contenção e recolhimento de óleo no PEI da atividade de perfuração marítima no bloco FZA-M-59.



Segue a descrição da embarcação CORCOVADO para operar como embarcação de contenção e recolhimento de óleo no PEI FZA-M-59. Os certificados da embarcação constam como anexos.

Embarcação	FUNÇÃO NA ATIVIDADE	
Corcovado	MPSV	
1 – DOCUMENTAÇÃO		VALIDADE
Certificado de Classe		17/10/2027
Certificado IOPP		17/10/2027
Certificado de Equipamento de Segurança		17/10/2027
Certificado Internacional de Prevenção da Poluição do Ar		17/10/2027
Certificado Internacional de Prevenção da Poluição por Esgoto Sanitário		17/10/2027
2 - DESCRIÇÃO DA EMBARCAÇÃO		
Nome	Corcovado	
Proprietário	Nautical Solutions LLC	
Tipo	MPSV	
Bandeira	Americana	
Ano de construção / Upgrade	2009	
Classificação	A1, DPS-2, AMS, FiFi-I	
Dimensões	85,34 m x 18,29 m x 7,32 m	
3 - DESCRIÇÃO DA EMBARCAÇÃO QUANTO À LOTAÇÃO		
Capacidade total da embarcação	29 Pessoas	
Pessoal efetivamente a bordo	14 tripulantes + 00 passageiros	
Número de terceirizados	00	
Número de brasileiros	13	
Escala de trabalho	28 dias x 28 dias em turnos de 12 horas	
Número de estrangeiros	01	
Escala de trabalho	28 x 28	

4 – ACOMODAÇÕES							
Item			Quantidade		Unidade		
Total de Leitos Disponíveis			29		-		
Enfermaria (Nº de Leitos)			-		-		
Refeitório			01		01		
5 - EQUIPAMENTO DESTINADOS A TRATAMENTO DE RESÍDUOS							
Item		Modelo / Fabricante		Capacidade		Manutenção	
Compactador		NA		NA		NA	
Incinerador		NA		NA		NA	
Triturador de resíduo alimentar + reserva.		01+01		N/A		N/A	
6 - EQUIPAMENTOS DE CONTENÇÃO E RECOLHIMENTO ORO SYSTEM							
Barreira		Limite de Mar	Borda livre	Saia	Número de Série	Vida Útil	Ano de Fabricação
Current Buster 6 com recolhedor integrado (compartilhado entre as duas barreiras)		Mar 05	1 m	N/A	OCP-CB-0003	10 anos	2020
Current Buster 6		Mar 05	1 m	N/A	OCP-CB-0003	10 anos	2020
Recolhedor	Vazão	Tipo de Óleo		Limite de Mar	Número de Série	Vida Útil	Ano de Fabricação
Current Buster 6 com recolhedor integrado	100 m³/h	Maior eficiência para óleos do tipo II e III com viscosidade cinemática até 50.000 cSt		Mar 05	OCP-BB-0020	5 anos	2020
Sistema para Detecção de óleo		Fabricação / Modelo		Tipo de Sensor		Alcance (por sensor)	
RADAR RUTTER SIGMA 6		Modelo: E-SP-02800 Ano: 2021		-		96 milhas	
Workboat			Limite de Mar			Capacidade	
NA			NA			NA	
Canhões de Combate a Incêndio		Localização		Número de Série		Vazão / Classificação	
SISTEMA FIFI		TIJUPÁ		-		FIFI I	

7 - EQUIPAMENTO DE DISPERSÃO QUÍMICA E DISPERSANTE

Equipamento	Quantidade	Unidade
SISTEMA DISPERSANTE COM DOIS BRAÇOS, UM EM CADA BORDO DA EMBARCAÇÃO	02 BRAÇOS	9 ASPERSORES EM CADA BRAÇO - TOTAL DE 18 ASPERSORES

8 - SEPARADOR ÁGUA/ÓLEO**Tipo:** Unidade separador de água e óleo**Descrição:**

Fabricante: Coffin World water systems

Modelo: Us 1000-CJ103

Capacidade: 1 m³ / h**Capacidade do Tanque:** 24,83 m³**9 - KIT SOPEP**

Equipamento		Quant.	UN
1	SERRAGEM FINA	10	KG
2	MANTA ABSORVENTE	10	UN
3	SACO DE AREIA	10	KG
4	TRAPO	10	KG
5	ESTOPA	5	KG
6	RODO	2	UND
7	PÁS	2	UND
8	VASSOURA	2	UND
9	BALDE PLÁSTICO	4	UND
10	BOTA CANO LONGO	2	PAR
11	LUVA DE BORRACHA	2	PAR
12	SACO PLÁSTICO	50	UND
13	PRODUTO DE LIMPEZA	20	UND
14	TAMBOR DE RESIDUO 200L	1	UND

Localização: CONVÉS PRINCIPAL

10 - SISTEMAS DE TRATAMENTO DE ESGOTO SANITÁRIO**Tipo:** Unidade para tratamento Biológico de Esgoto Sanitário**Descrição:**

Fabricante: Marine fast

Modelo: M5MS

Capacidade de tratamento: 3,36 m³ / d**Capacidade do Tanque:** 24,6 m³**11 - ESTRUTURA / CARACTERÍSTICAS GERAIS**

Comprimento	85,34 m
Largura (Boca)	18,29 m
Calado Máximo	7,32 m
Velocidade de serviço	10 nós

12 - CAPACIDADE DOS TANQUES**Volume Total
(m³)**

Tanques de armazenamento de resíduo oleoso (óleo recolhido)	1.050 m ³
Tanques de Água Industrial	131 m ³
Tanques de óleo lubrificante	7,77 m ³
Tanques de óleo diesel	1.340,30 m ³
Tanques de água potável	130,40 m ³

13 – HELIPONTO

N/A

14 - GERAÇÃO DE ENERGIA

Item	Potência	Quantidade
Geradores principais	910 Kw	2
Geradores de emergência	175 Kw	1
Geradores auxiliares de porto	2050 Kw	2

15 – MAQUINÁRIO

Equipamento	Quantidade	Características
Motores Principais	2	CAT C 280
Propulsor da proa / Popa	2 propulsores principais, 1 propulsor lateral de popa e 1 lateral e 1 azimutal proa	Propulsores principais: Shottel, thrusters laterais Brunvol FU LTC 2000, Swing down bow Rolls Royce, model TCNC 73M-180

Hélices	2	VPP Shottel (Model SCP 0774 ZG)
Âncoras	2	Regular
Cabrestantes	1	Rauna Brattvag Type Lbfmgg63044

16 – ELETRÔNICA		
Equipamentos	Quantidade	Características (Marca e modelo)
Radar	02	Marine Radar Equipment (JMA)
Rádios	05	VHF (02): Icon IC-M412, VHF DSC (02): FURUNO FM8800, MF/HF (01): FURUNO FS-1570
Sonda ecobatimétrica (1)	01	FURUNO/FE-700
Bússola magnética	01	C-PLATH (BETA 4)
Perfilador Doppler	01	FURUNO / DOPPLER - DS80
Piloto automático	01	NAVITRON NT888G AUTOPILOT
Bússola giroscópica	03	MASTER COMPASS SINRAD GC80
Indicador de velocidade do vento	03	RM YOUNG Co. MODELO 05106
GMDSS	02	INMARSAT-C / FELCOM 15
Radar detector de óleo	01	Radar Rutter - Ocean Waves

17 - INFORMAÇÕES ADICIONAIS exigidas pelo IBAMA		
	VERIFICAÇÃO E ANEXO	STATUS
1	Versão em português dos principais componentes do PEVO / PEI	OK
2	PEVO/PEI em português (Tripulação Brasileira) DIGITAL	OK
3	Evidências do Treinamento da Tripulação no PEAT	OK
4	Triturador sobressalente ou peças de reposição a bordo	OK
5	Inventário e FISPQ's dos Produtos Químicos a Bordo	OK
6	Coletores de resíduos devidamente identificados	OK

Anexos

1. Certificado de Classe

Certificate No.: 09195210-5283352-001



CLASS CERTIFICATE

CORCOVADO

Class Number	09195210	IMO Number	9529669
Builder	NORTH AMERICAN SHIPBUILDING INC.		
Builder ID	251		

This is to certify that the above has been surveyed in accordance with the Rules of this Bureau and entered in the Record with the Class:

*A1, Fire Fighting Vessel Class 1, Ⓢ, *AMS, *DPS-2
Additional Notations
NVIC 2-95 ACP, UWILD



18 October 2022
Issue Date



Chief Surveyor


17 October 2027
Expiration Date



Corporate Secretary

2. Certificado de Equipamento de Segurança

Certificate No.: 09195210-5283352-051



CARGO SHIP SAFETY CONSTRUCTION CERTIFICATE
ISSUED UNDER THE PROVISIONS OF THE
INTERNATIONAL CONVENTION FOR THE SAFETY OF LIFE AT SEA, 1974,
AS MODIFIED BY THE PROTOCOL OF 1988 RELATING THERETO
UNDER THE AUTHORITY OF THE GOVERNMENT OF

United States of America
(name of the State)
by American Bureau of Shipping


Particulars of Ship

Name of Ship	Distinctive Number or Letters	Port of Registry	
CORCOVADO	1215834 WDN3542	Galliano, LA	
Gross Tonnage ¹ a) According to footnote ² b) According to footnote ³	Maximum Deadweight of Ship (Metric Tons) ⁴	IMO Number	
2998	-	9529669	
Date Built ⁵			
Contract	Keel Laid	Delivery	Conversion
01 March 2007	02 January 2008	22 January 2009	-

Type of ship: ¹
Bulk Carrier Chemical Tanker
Oil Tanker Gas Carrier
Cargo Ship other than any of the above

THIS IS TO CERTIFY:
1. That the ship has been surveyed in accordance with the requirements of regulation I/10 of the Convention.
2. That the survey showed that:
1. the condition of the structure, machinery and equipment as defined in the above Regulation was satisfactory and the ship complied with the relevant requirements of chapters II-1 and II-2 of the Convention (other than those relating to fire safety systems and appliances and fire control plans); and
2. the ship complied with part G of chapter II-1 of the Convention using - ~~no fuel~~ / N.A. ¹.
3. That the last two inspections of the outside of the ship's bottom took place on 13 November 2013 and 18 October 2022
4. That an Exemption Certificate ~~has~~ has not ¹ been issued.
5. That the ship ~~was~~ / was not ¹ subjected to an alternative design and arrangements in pursuance of regulation(s) II-1/55 / II-2/17 ¹ of the Convention;
6. That a Document of approval of alternative design and arrangements for machinery and electrical installations / fire protection ¹ ~~is~~ / is not ¹ appended to this Certificate.
This certificate is valid until 17 October 2027 ⁶ subject to the annual and intermediate surveys and inspections of the outside of the ship's bottom in accordance with regulation I/10 of the Convention.

Completion date of the survey on which this certificate is based: 18 October 2022
Issued at Houma, United States on 18 October 2022
(Place of issue of certificate) (Date of issue)



Electronically Signed By Brigoli, Alan J., Houma Port
(Surveyor, American Bureau of Shipping)

3. Certificado Internacional de Prevenção da Poluição por Óleo (IOPP)



Certificate No.: 09195210-5283352-032

INTERNATIONAL OIL POLLUTION PREVENTION CERTIFICATE

(This Certificate shall be supplemented by a Record of Construction and Equipment)

Issued under the Provisions of the
International Convention for the Prevention of Pollution from Ships, 1973,
as modified by the Protocol of 1978 relating thereto and as amended,
(hereinafter referred to as "the Convention")
under the authority of the Government of

United States of America

(name of state)

by American Bureau of Shipping

Particulars of Ship

Name of Ship	Distinctive Number or Letters	Port of Registry
CORCOVADO	1215834 WDN3542	Galliano, LA
Gross Tonnage ¹ a) According to footnote ² b) According to footnote ³	Maximum Deadweight of Ship (metric tons) ⁴	IMO Number
2998	-	9529669

Type of Ship¹:

Oil-Tanker

Ship other than an oil tanker with cargo tanks coming under Regulation 2(2) of Annex I of the Convention

Ship other than any of the above

THIS IS TO CERTIFY:

1. That the ship has been surveyed in accordance with Regulation 6 of Annex I of the Convention;
2. That the survey shows that the structure, equipment, systems, fittings, arrangement and material of the ship and the condition thereof are in all respects satisfactory and that the ship complies with the applicable requirements of Annex I of the Convention.

This Certificate is valid only when Supplement Form A issued at Houma, United States

on 18 October 2022 is attached.

This certificate is valid until 17 October 2027 ⁶ subject to surveys in accordance with Regulation 6 of Annex I of the Convention.

Completion date of the survey on which this certificate is based: 18 October 2022

Issued at Houma, United States

(Place of Issue of Certificate)

on 18 October 2022

(Date of Issue)



Electronically Signed By
Brigoli, Alan J., Houma Port
Surveyor, American Bureau of Shipping

4. Certificado Internacional de Prevenção da Poluição do Ar (IAPP)



Certificate No.: 09195210-5283352-184

INTERNATIONAL AIR POLLUTION PREVENTION CERTIFICATE

Issued under the provisions of
the Protocol of 1997, as amended,
to amend the International Convention for the Prevention of Pollution from
Ships, 1973, as modified by the Protocol of 1978 related thereto
(hereinafter referred to as "the Convention")
under the authority of the Government of:

United States of America

(name of state)

by American Bureau of Shipping

Particulars of Ship

Name of Ship		Distinctive Number or Letters	
CORCOVADO		1215834 WDN3542	
IMO Number ¹	Port of Registry	Gross Tonnage	
9529889	Galliano, LA	2998	

THIS IS TO CERTIFY:

1. That the ship has been surveyed in accordance with regulation 5 of Annex VI of the Convention; and
2. That the survey shows that the equipment, systems fittings, arrangements and materials fully comply with the applicable requirements of Annex VI of the Convention.

This Certificate is valid only when Supplement IAPPC-VI 2008 issued at Houma, United States
on 18 October 2022 is attached.

This certificate is valid until 17 October 2027 ² subject to surveys in accordance with regulation 5 of Annex VI of the Convention.

Completion date of the survey on which this certificate is based: 18 October 2022

Issued at Houma, United States on 18 October 2022
(Place of Issue of Certificate) (Date of Issue)



Electronically Signed By
Bragoli, Alan J., Houma Port
Surveyor, American Bureau of Shipping

5. Certificado Internacional de Prevenção da Poluição por Esgoto Sanitário (ISPP)

Certificate No.: 09195210-5283352-587

STATEMENT OF VOLUNTARY COMPLIANCE FOR SEWAGE POLLUTION PREVENTION (1973)

Issued to document compliance with the provisions of the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto, and as amended by resolution MEPC.115(51), (hereinafter referred to as "the Convention")

Under the authority of the Government of
The United States of America

by American Bureau of Shipping

Particulars of Ship:

Name of Ship	Distinctive Number or Letters	Port of Registry
CORCOVADO	1215834 WDN3542	Galliano, LA
Gross Tonnage	Number of persons which the ship is certified to carry	IMO Number ¹
2998	29	9529669

~~New Ship~~ / Existing Ship *

Type of ship for the application of regulation 11.3:*

~~New / Existing Passenger ship~~

Ship other than a passenger ship

Date on which keel was laid or ship was at a similar stage of construction or where applicable, date on which work for a conversion or an alteration or modification of a major character was commenced 02 January 2008

THIS IS TO CERTIFY:

- (1) That the ship is equipped with a ~~Sewage Treatment Plant / Comminuter~~ / Holding Tank * and a discharge pipeline in compliance with regulations 9 and 10 of Annex IV of the Convention as follows:

~~*(1.1) Description of the sewage treatment plant~~

Type of sewage treatment plant N/A

Name of manufacturer N/A

The sewage treatment plant is certified by the Administration to meet the effluent standards as provided for in resolution MEPC.159 (55).

~~*(1.2) Description of comminuter~~

Type of comminuter N/A

Name of manufacturer N/A

Standard of sewage after disinfection N/A

***(1.3) Description of holding tank :**Total capacity of the holding tank 24.83 m³

Location Stbd. Side at Frames 21 - 25

Maximum Service speed (kts): 14.0

Maximum Summer draft (m): 2.5

Breadth (m): 18.3

- (1.4) A pipeline for the discharge of sewage to a reception facility, fitted with a standard shore connection.

Certificate No.: 09195210-5283352-587

- (2) The ship has been surveyed in accordance with regulation 4 of Annex IV of the International Convention for the Prevention of Pollution from Ships, 1973.
- (3) That the survey shows that the structure, equipment, systems, fittings, arrangements and material of the ship and the condition thereof are in all respects satisfactory and the ship complies with the applicable requirements of Annex IV of the Convention.

This statement is valid until 17 October 2027² subject to surveys in accordance with regulation 4 of Annex IV of the Convention.

Completion date of the survey on which this statement is based: 18 October 2022

Issued at Houma, United States on 18 October 2022



Electronically Signed By
Brigoli, Alan J., Houma Port
Surveyor, American Bureau of Shipping

MAXIMUM PERMISSIBLE DISCHARGE RATE (m3/h) for HOLDING TANKS of UNTREATED SEWAGE