

正 本

發文方式：親送

宏華營造股份有限公司 函

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聯 絡 人：張志鈴

受文者：台灣電力股份有限公司核能火力發電工程處中部施工處

發文日期：中華民國113年02月22日
發文文號：宏苗工字第113021508號
速 別：普通件
密 等：一般
附 件：如文

主 旨：檢陳本公司承攬「通霄電廠第二期更新改建計畫冷卻循環水系統海底取排水管路工程」為進行取排水頭挖泥，因應外商船機調度需求更換為盧森堡籍博福特號辦理，懇請貴處奉核後函轉主管機關(中部航務中心)發布航船布告，以策安全，請查照。

說 明：

- 一、本案本公司112年8月8日以宏苗工字第112081505號提送聖維特號，為進行旨揭工程挖泥，現因故更換為盧森堡籍博福特號進場進行挖泥作業。
- 二、施工期間自113年03月01日起至113年10月01日止，施工範圍詳航船佈告，施工期間請經過該區域船隻注意避讓，以策安全。
- 三、檢附博福特號型錄、船籍證書、船檢合格證書(詳附件)，請惠予同意辦理並函轉主管機關(中部航務中心)發布航船布告。
- 四、有關博福特施工期間之船務由國耀船務代理股份有限公司總代理，併予陳述。

正 本：台灣電力股份有限公司核能火力發電工程處中部施工處
副 本：

董事長 陳宗興

收文日期	113. 2. 23		
收文文號	1133660541		
主辦部門	水工	會辦部門	
陳辦日期	113 年 3 月 5 日		

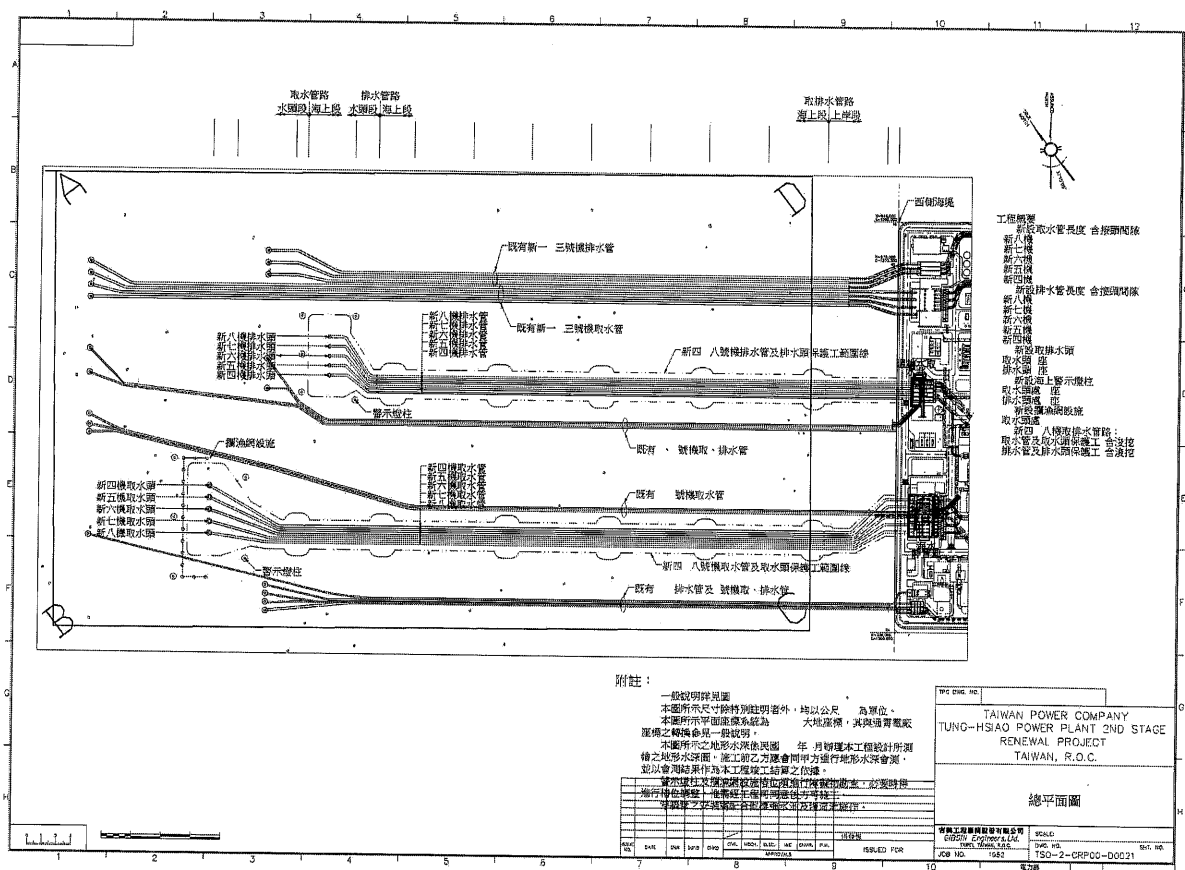
附件

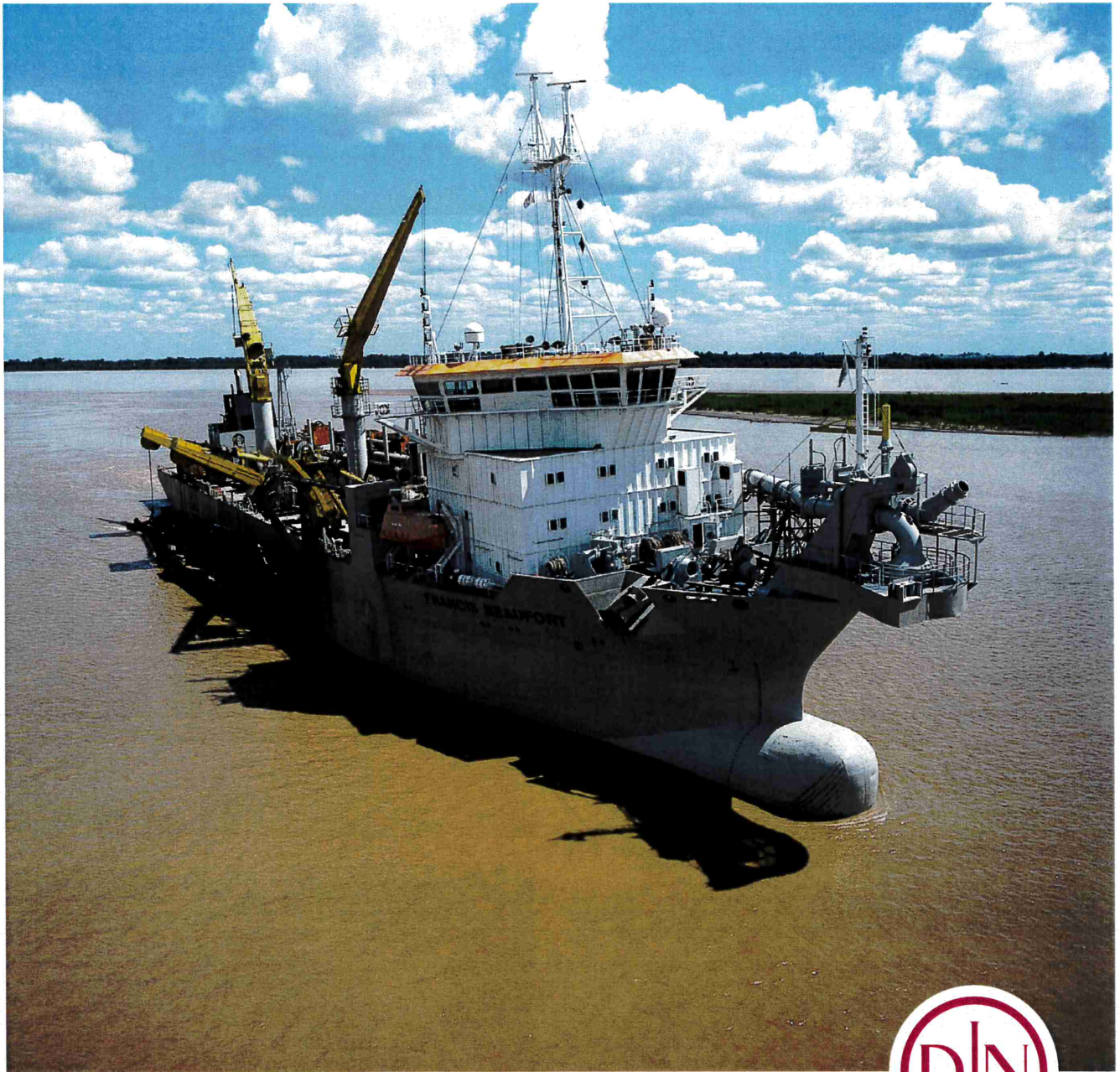
1. 說明：113年03月01日起至113年12月31日通霄電廠第二期更新改建計畫冷卻循環水系統海底取排水管路工程在下列位址連線範圍進行冷卻循環水管路浚挖工程，禁止進入該浚挖水域，以維航行安全

2. 地點：北緯 24° 30' 07.4" 東經 120° 39' 39.1" 。
 北緯 24° 29' 47.6" 東經 120° 39' 22.9" 。
 北緯 24° 29' 26.1" 東經 120° 39' 54.2" 。
 北緯 24° 29' 45.9" 東經 120° 40' 10.4" 。

1. Details: Tongxiao Power station circulating cooling water pipewill
be carry out deranging operation on Mar.01 - Dec.31, 2024,
all vessels are prohibited from sailing this area.

2. Positions : Lat. 24° 30' 07.4" N., Long. 120° 39' 39.1" E.,
 Lat. 24° 29' 47.6" N., Long. 120° 39' 22.9" E.
 Lat. 24° 29' 26.1" N., Long. 120° 39' 54.2" E.
 Lat. 24° 29' 45.9" N., Long. 120° 40' 10.4" E. *WGS84

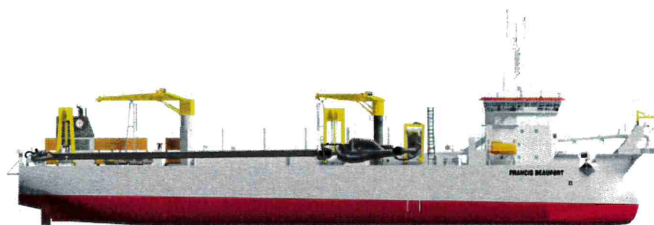




Francis Beaufort.

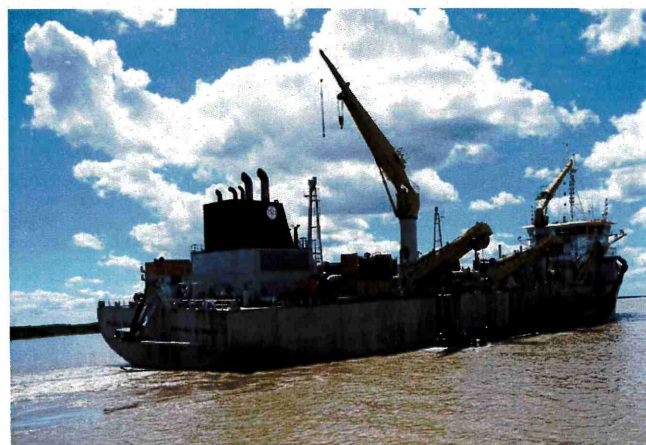
JANDENUL.COM

Francis Beaufort.



Trailing Suction Hopper Dredger

Hopper capacity	11,300 m ³
Deadweight	18,620 t
Length o.a.	142.5 m
Breadth	27.5 m
Draught loaded	9.1 m
Maximum dredging depth	38 / 57.5 / 77 m
Suction pipe diameter	1,200 mm
Pump power (trailing)	3,400 kW
Pump power (discharging)	7,500 kW
Propulsion power	2 x 5,750 kW
Total installed diesel power	13,110 kW
Speed	15.3 kn
Accommodation	34
Built in	2003





INTERNATIONAL CLASSIFICATION SOCIETY

CERTIFICATE OF CLASSIFICATION

Nr SGP0/LUL/20240120022102

FRANCIS BEAUFORT

Ship's Name

Luxembourg

Flag

FLANDERS DREDGING CORPORATION N.V.

Owners

03480K

Register Nr

LUXEMBOURG

Port of Registry

This is to certify that the above named ship has been entered in the Bureau Veritas Register Book with the following classification symbols and notations

I ✕ HULL ✕ MACH

Hopper dredger

Unrestricted navigation Dredging over 15 miles from shore with HS less than or equal to 2.5m

Dredging within 15 Miles from shore or within 20 Miles from port

✕ AUT-UMS , ✕ DYNAPOS AM/AT

This certificate is issued within the scope of Bureau Veritas Marine & Offshore General Conditions.

At SINGAPORE

on 05 February 2024

Limit date of validity

04 December 2028

The hull of the ship is surveyed under normal survey system

The machinery of the ship is surveyed under continuous survey system



**BUREAU VERITAS
MARINE & OFFSHORE
LIU JUNZHAO**



By Order of the Secretary

Conditions and endorsements overleaf.

Any person not a party to the contract pursuant to which this certificate is delivered may not assert a claim against Bureau Veritas Marine & Offshore SAS for any liability arising out of errors or omissions which may be contained in said certificate, or for errors of judgement, fault or negligence committed by personnel of the Society or of its agents in the establishment or issuance of this certificate, and in connection with any activities which it may provide for.

SGP0/LUL/20240120022102 Page 1/2

ENDORSEMENT FOR ANNUAL AND INTERMEDIATE SURVEYS

The endorsements refer to the completion of periodical surveys only.

Annual survey 1 (from 04 Sep 2024 to 04 Mar 2025)	Signed : (Surveyor to BUREAU VERITAS MARINE & OFFSHORE) Place : Date :
Annual survey 2 (from 04 Sep 2025 to 04 Mar 2026)	Signed : (Surveyor to BUREAU VERITAS MARINE & OFFSHORE) Place : Date :
Intermediate survey (from 04 Sep 2025 to 04 Mar 2027)	Signed : (Surveyor to BUREAU VERITAS MARINE & OFFSHORE) Place : Date :
Annual survey 3 (from 04 Sep 2026 to 04 Mar 2027)	Signed : (Surveyor to BUREAU VERITAS MARINE & OFFSHORE) Place : Date :
Annual survey 4 (from 04 Sep 2027 to 04 Mar 2028)	Signed : (Surveyor to BUREAU VERITAS MARINE & OFFSHORE) Place : Date :

Conditions of validity:

1. This certificate remains the property of Bureau Veritas Marine & Offshore SAS ("the Society").
2. This certificate cannot be used in connection with the sale of ship without permission of the Society.
3. The validity of the assigned class is conditioned upon due compliance with the requirements of chapter 2 of the Rules regarding notably adequate maintenance and operation of the ship and declaration of defects to the Society.
4. The latest published Rules of Bureau Veritas Marine & Offshore and the General Conditions are applicable.

GRAND-DUCHE DE LUXEMBOURG



GRAND DUCHY OF LUXEMBOURG

CERTIFICAT D'IMMATRICULATION

CERTIFICATE OF REGISTRY

N° 10 542

CE CERTIFICAT ATTESTE QUE LE NAVIRE DESIGNÉ CI-APRÈS EST IMMATRICULÉ À LUXEMBOURG ET
AUTORISÉ À BATTRE PAVILLON LUXEMBOURGEOIS CONFORMÉMENT À LA LOI MODIFIÉE DU 9 NOVEMBRE
1990 AYANT POUR OBJET LA CRÉATION D'UN REGISTRE PUBLIC MARITIME LUXEMBOURGEOIS

THIS CERTIFICATE ATTESTS THAT THE SHIP HEREBELOW DESIGNATED IS REGISTERED IN LUXEMBOURG AND IS
AUTHORIZED TO FLY THE LUXEMBOURG FLAG IN ACCORDANCE WITH THE LAW OF NOVEMBER 9th, 1990
CREATING A LUXEMBOURG PUBLIC MARITIME REGISTER, AS AMENDED

Nom du navire	Name of ship	Indicatif d'appel	Call sign	Matricule OMI	IMO number
FRANCIS BEAUFORT		LXBO		9262780	
Port d'immatriculation	Port of registry	Jauge brute	Gross tonnage	Jauge nette	Net tonnage
LUXEMBOURG		13001		3900	
Type de navire	Type of ship		Navigation		
	drague à élingues traînantes		Trade		voyages côtiers / monde entier
	trailing suction hopper dredger				coastal voyages / world wide
Destiné au transport de					
Normal type of cargo	opérations de dragage				
	dredging operations				
Constructeur - Année					
Builder - Year	Izar Contrucciones Navales, Gijon, Spain - 2003				

Puissance et type de propulseur(s) Power and type of engine(s)

2X 5750 kW MAN Augsburg; Type: 12v32/40, Diesel

Le navire est immatriculé au The ship is registered with the

Premier Bureau des Hypothèques à L-1471 Luxembourg
sous le N° under the Nr 11-29 en pleine immatriculation in full registry

par/ by : FLANDERS DREDGING CORPORATION NV
60, Tragel
B-9308 HOFSTADE-AALST

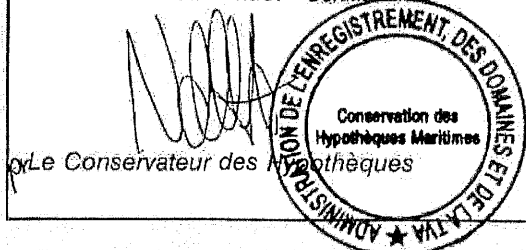
Un document spécifiant les effectifs minimaux de sécurité est annexé à ce certificat
A minimum safe manning document is appended to this certificate

Le présent certificat est valable du This certificate is valid from 04/01/2024 au to 03/01/2026

Certifié exact Certified true

Délivré à Issued at

Pour le Commissaire aux affaires maritimes,
Luxembourg, le 03/01/2024



Responsable immatriculations
Le Commissaire du Gouvernement aux affaires maritimes

 Jan De Nul GROUP	TSHD Francis Beaufort	SHIP SPECIFIC DOCUMENT BF.GEN.001
	Ships Particulars	REVISION 00 – 16/09/2019

Call sign:	LXBO
Port of registry:	Luxembourg
Flag:	Luxembourg
Registry number:	8944
IMO nr:	9262780
MMSI nr:	253248000
Type:	Trailing Suction Hopper Dredger
Classification:	I + HULL + MACH + AUT-UMS (SS)
	Hopper Dredger Unrestricted Navigation
	Ice Class IA
	Dredging 15Nm from shore with H.S <3.0m
L _{oa} :	142.46M
L _{pp} :	126.05M
Breadth:	27.50 M
Draught INT Freeboard	8.23 M (Immersion 30.72 T/Cm)
Draught At Dredging Mark	9.08 M (Immersion 31.96 T/Cm)
Dead weight	18590 T
GT	13001 T
NT	3900 T
Height Above Keel _(Min Draught)	46.35 M
Height Main Deck	12.84 M
Propulsion:	2x MAN B&W 12V32/40 4T, 12 cyl, 750 rpm of 5750 kW each
Bow Thruster	CT250, 1500kW
Generators	Main GEN: 2x INDAR BZK – 710 – X/A -6, 6750kVa AUX: ABB AMG450 – M4 – DBABC, 1700 kVa
Emergency Generator	AVK DSG43L2-4, 213kVa
Ballast Water	TOT: 1307.2m ³ (Aft: 462.7m ³ , PS:237.7m ³ , Fore:609.8m ³)
Fresh Water	2 X 73.4m ³
Bunker Fuel (Total)	HFO 1469.4 m ³ / MDO 345.31 m ³

 Jan De Nul GROUP	TSHD Francis Beaufort	SHIP SPECIFIC DOCUMENT BF.GEN.001 REVISION 00 – 16/09/2019
	Ships Particulars	

Date Build	15-05-2003
V-Sat (Cap):	+3250946129
V-Sat (Bridge):	+3250946120
Iridium (Cap):	+88 1677734055
SATCOM C	425 324 810
Email:	captain@bf.jandenul.com
Owner:	Flanders Dredging Corporation Tragel 60, B9308 Aalst Belgium
ISM Manager + MLC Operator:	Dredging and maritime management SA (DMM S.A.) Address Parc d'Activites Capellen 34-36 8308 Capellen (LUX)
Dredging Depth	32.8/52.7/72.5
Hopper Capacity	11300m³
Hopper Dimensions (LxBxH)	57 M x 21.2 M x 14.1 M
Crane	SWL 45 T _{16.0M} SWL 14 T _{22.0M}
Bow Anchor PS	HHP TW 5250Kg
Bow Anchor SB	HHP TW 5250Kg
Stern Anchor	Dredge Anchor 7000Kg
Maximum Persons onboard	34