

G.J. Wortelboer Jr. B.V.
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Rotterdam, The Netherlands



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Handwritten notes: M. Marciniuk, M. Mroin, A. Krasnowski, D. Dredman, U. P. Ferrow, A. N. Kunder, 12.08.2011

To : Ventspils Muzejs
Attn. : Mr. Armands Vijups
Cc :

Date : 2/8/2011
Page : 1 of 1
Quote no. : 20110681A/RS/gvda 12.08.2011

Subject : Your letter dated 19.04.2011
with enquiry for 75 tons Flipper Delta anchor

Dear Mr. Vijups,

We hereby have the pleasure in offering you the following anchor:

- 1 (one) piece High Holding Power "FLIPPER DELTA" anchor (Int.Patents) weighing 75,000 kgs.

Complete with hinged pad-eye,
Four built-in stabilizers (no protruding bars)
Fluke angle 36° (adjustable to 50° for soft soil)

Handwritten signatures: D. Dredman, U. P. Ferrow, A. N. Kunder

The anchor is brandnew

Certificates : Factory certificate
Price : EUR 252,000.00 net total
Delivery time : 4-5 Months from receipt of your order
Delivery conditions : FCA ROTTERDAM (INCOTERMS® 2010)
Payment terms : Telegraphic transfer into our account upon ordering

Handwritten notes: 15.08.2011

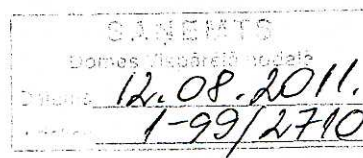
We trust to have made a suitable quotation and look forward hearing from you again soon.

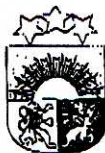
Best regards,
G.J. Wortelboer Jr. B.V.

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All studlink chaincables are manufactured according to ISO norm 1704:2008
All galvanization is according to ISO norm 1461:2009 (when applicable)

All our offers, orders placed with us, agreements to be concluded by us and all business arising under these offers, orders and agreements will exclusively be governed by our "General Terms of Supply and Payment", as filed with the Registry of the District Court at Rotterdam on 20 February 1995. A copy of our General Terms of Supply and Payment will be forwarded free of charge at your first request.





Latvijas Republika
VENTSPILS PAŠVALDĪBAS IESTĀDE
"KOMUNĀLĀ PĀRVALDE"

Uzavas 8, VENTSPILS LV-3600, tālrunis 63624269, fakss 63626379; e-pasts kom.pavalde@ventspils.gov.lv

Ventspilī

2011.gada 18.augustā, Nr.1-26/ 1664
Uz 12.08.2011. Nr.1-99/2710

Ventspils pilsētas domes
izpilddirektoram
A. Ābeles kungam

✓ *M. Marcinkēvičs*

Par iespējamo enkura novietni

*Lūgums pieņemt lēmumu
lūgšanai un veikt iekārtošanu
PSK!*

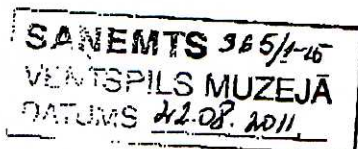
Kā iespējamās diženkura novietnes varētu būt:

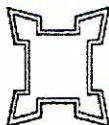
1. Ostas ielas skvērs starp Kuģinieku ielu un Ūdens ielu, kur tas ļoti labi eksponētos. Apskatei tas būtu iespaidīgs naktīs, kad šo milzu enkuru izgaismotu.
2. Pie Kalna stacijas, kas abus dzelzceļa galus, tad savienotu enkura tēma.

Direktors

A.Kausenīks

636 24269





VENTSPILS MUZEJS

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e-pasts: muzejs@ventspils.gov.lv

Ventspilī

2011. gada 19. augustā
nr. 1-10/201
uz 12.08.2011. nr. 1-99/2710

**Ventspils pilsētas domes
Arhitektūras un
pilsētbūvniecības nodaļai**

PI „Komunālā pārvalde”

Par enkura „FLIPPER DELTA” iespējamo novietni

Ar šo informējam, ka šobrīd tiek izskatītas iespējas paplašināt Ventspils muzeja eksponātu – enkuru ekspozīciju (35 no tiem izvietoti Jūrmalas parkā), papildinot kolekciju ar 75 t FLIPPER DELTA (platums – 8,2 m, garums – 9,43 m) enkuru. Papildinot Nīderlandes kompānijas *G.J. Wortelboer Jr. B.V.* piedāvājumā (sk. 12.08.2011. nr. 1-99/2710) iekļauto informāciju, iesniedzam enkura parametrus, rasējumu un darbības aprakstu, kas ir svarīgi, nosakot eksponēšanas veidu. Salīdzinājumam sniedzam arī informāciju par esošās kolekcijas lielāko enkuru, kas izvietots Jūrmalas parkā (sk. attēlus).

Lūdzam rast laiku kopīgai apspriedei par enkura „FLIPPER DELTA” iespējamo atrašanās vietu un eksponēšanas veidu.

Pielikumā: Informatīvi un vizuāli materiāli par enkuru „FLIPPER DELTA” un lielāko esošās kolekcijas Holla tipa enkuru uz 5 lp.

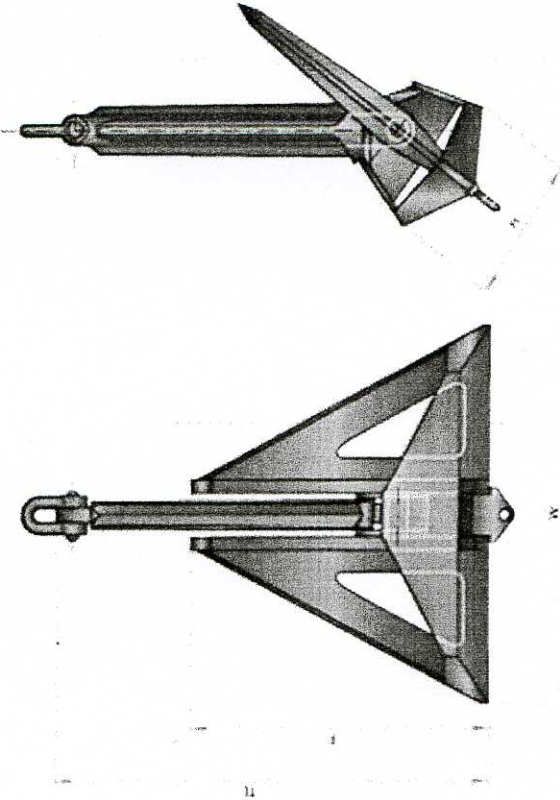
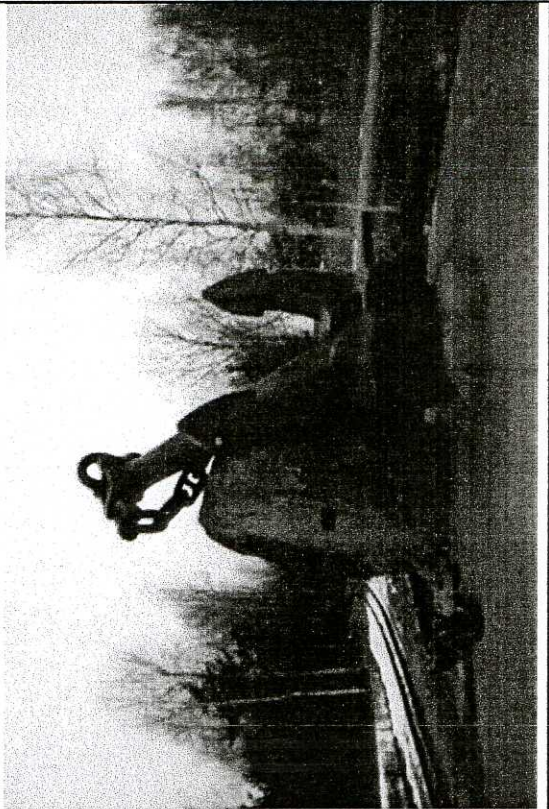
Direktore

M. Marcinkeviča

63622031

19.08.2011.
1-99/2710

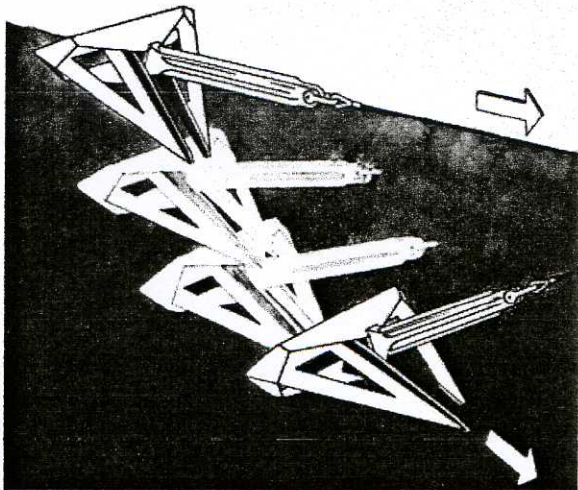
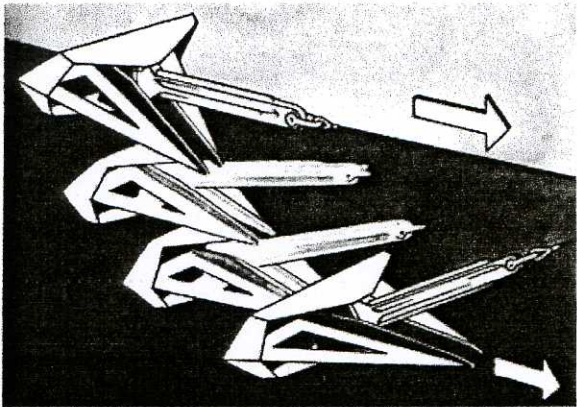
PIELIKUMIN VĒSTULEI
19.08.2011.
NR. 1-10/201

Enkura tips	Svars	Garums	Platums	Attēls
Flipper Delta® anchor	75 t	9,43 m	8,2 m	
Holla tipa enkurs atrodas Jūrmalas parkā	23 t	5,10 m	3,30 m	

Fluke Angle

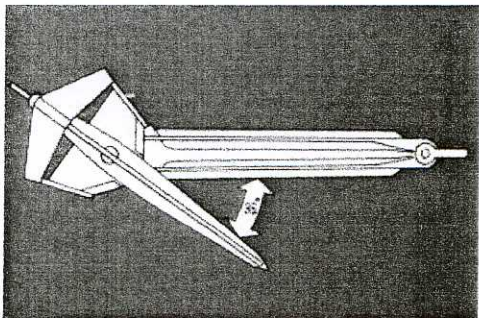
Fluke Angle is the angle between the centre lines of shank and flukes.

If you use a fluke angle of 36 degrees in soft clay, the anchor head will penetrate deeply, but the shackles - and eventually the chain - will slide on top of the soft clay. Thus the shank will make an angle of about 30 degrees to the seabed, forcing the flukes into an almost horizontal position and consequently the anchor cannot penetrate deeper and it will drag at a low resistance. What happens in that case is that the pendant buoy is pulled under water. The anchor is not going that deep. What actually happens, is that the anchor tunnels through the clay and the pendant line follows its horizontal path.



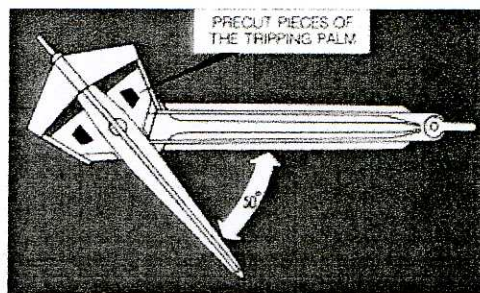
With the fluke angle set to 50 degrees, the shank will go in the same 30-degree position to the bottom, but there will be another 20 degrees left for the flukes to enable them to penetrate the soft clay deeper for more resistance.

1. A Flipper Delta Anchor® has standard the most universal angle for its design = 36 degrees. This angle can be used in 80% of worldwide soil conditions.

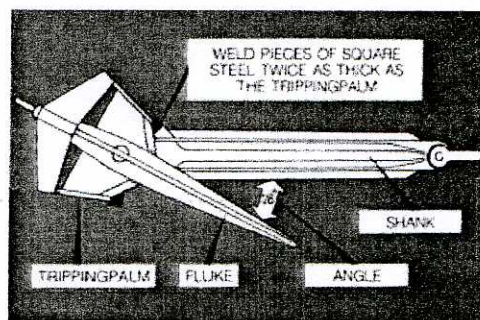


2. For very soft clay and mud, the angle must be increased to 50 degrees by cutting out the marked and pre-cut pieces of the tripping palms. Weld these pieces somewhere inside the anchorhead and do not let them get lost, because for other soil conditions they MUST be welded in place again. Then weld sides only, not the sloped pre-cut side.

9.



3. For very hard bottom soils like rock, cemented sand or coral we recommend to reduce the fluke angle to 28 degrees to achieve a higher penetration force on the fluke tips. Be sure that the fluke tips are not blunt but sharp.



J.

