Oljan - 24 fort A = 100m I = 1/2 (26) E) [:] 1.10 P = 451/2 - T = 10

A: vid 100 m W/m² I vid 100 m p= 64 dB To = 10-2 W/m² R = 100m w = 43 W

sh 1103

Kumerahlick (3/xet: 40dB vil 7m, 7 = 7mm Solet: V for membranet Lösning" B=6, IDDB & P= T=P

Reflection

Most mombrand = 4210 W Hul 181 (1) membranet? Anta, linus torning voirelle Tra sin wt förskjatain V= dy = a cos cot · w= aw cos at

Vmax = aw, I= 1 2 2 = 1/2 2 = 2 / min 2 Intehliten vid membranet J= 7 = 478.10 W/ = 0,04 W/m² R 10-6 m² = 0,04 W/m² = 0,014 m/s 1/Ws = 1/4 m2/535 = 1/52 = m/s

Sysdampning Givet: T= - ar a= 0,12/m SUH: 13 Losnin B=10)10 = 10dB △B=B2-B7=1916]*10 dB - 16/10 = 10dB = 10/10 (T2/10)-100B-= 1/3 10 = 12 . (od/3 > 10/10 r,2 e arz 40dB

.

 $= \frac{(2.16g_{10})^{2}}{(2^{2})^{2}} = \frac{-\alpha(r_{2}-r_{3})}{\alpha(r_{2}-r_{3})} \cdot 1018 = \frac{(2.16g_{10})^{2}}{(2^{2})^{2}} = \frac{(2.16g_{10})^{2}}{(2^{2})^{2}} = \frac{\alpha(r_{2}-r_{3})}{(2^{2})^{2}} = \frac{(2.16g_{10})^{2}}{(2^{2})^{2}} = \frac{(2.$

AB 20→40m: AB 20→40m: AB=-16dB Hoptalas hvalt Gluet: 65 dB Uld 2m, Amilocom² Solet: Fmax [N] P= Fmax [1-2=7/6] I - vid källan 64 dB vid 2m, B=1610 = 65JB [=] 1064/10 Ull 2m I = P/A = P/H=22 => P=160, W T= = 160 ple 2 /6 W/m2

[] Arenn this mentramet

Pmax = 12.7. I ~ 12 Pa Lyzokymis

$$\sqrt{\frac{1}{m^2}} \frac{1}{m^2} = \sqrt{\frac{Nm}{s_m}} \frac{1}{m^2} = \sqrt{\frac{k_{sm}}{s_m}} \frac{N}{m^2} = \sqrt{\frac{k_{sm}}{s$$

Fmax = 12 Pa. 10cm2 = 12 mN