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The:
„little virtual dive computer museum“
2026, Part II:

(still): **the Extremely Silly 546**

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„little virtual dive computer museum“
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(still): **the Extremely Silly 546**
(firmware update for the iX3M 2 DEEP)

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ALBI אלבי, SubMarineConsulting
@
TEC 4.0: update!-Meeting for TEC instructors

2026, Part II:
the extremely silly 546

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In 05 / 2026 there was a firmware update for the iX3M 2 DEEP from 5.2.8.25/016 to 5.2.9.2/016

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We are referring here to the DIVE SYSTEMS RATIO® iX3M 2 DEEP and our evaluations from 2024 & 2026 in the

„little virtual dive computer museum“, 2024, part III

also available for free @ RESEARCHGATE:

https://doi.org/10.13140/RG.2.2.36769.67688

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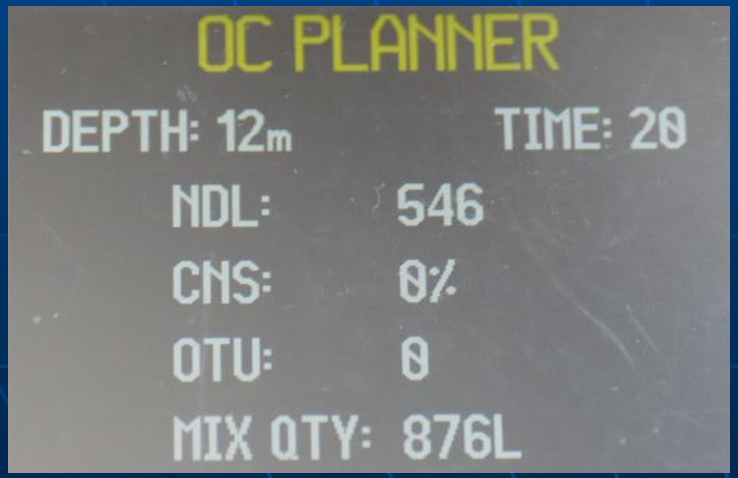
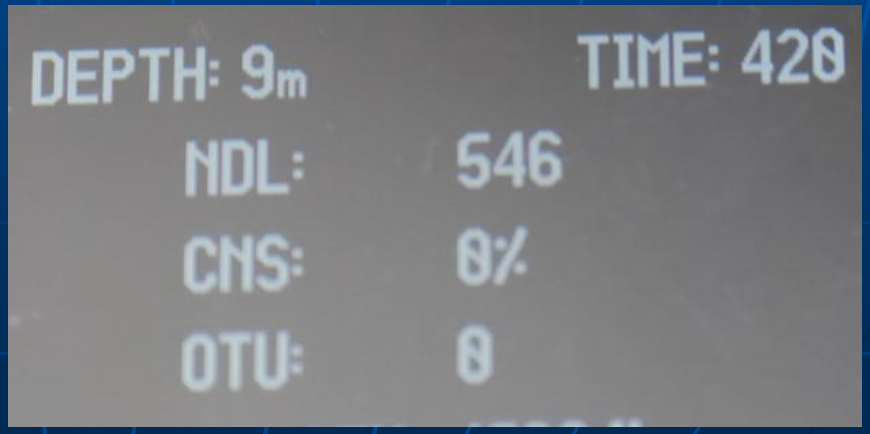
Screen shots from the OC Planner @ Air:





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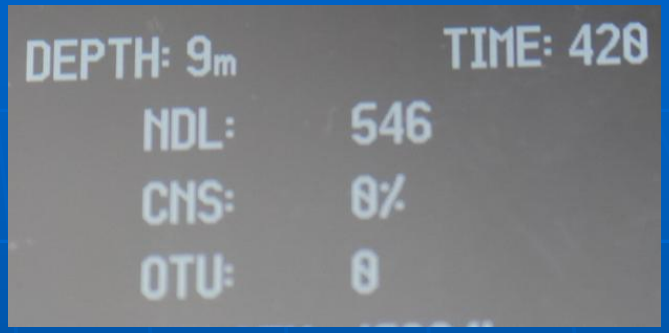
420 min @ 9 m with air is NO NDL!!!



Comparisons with seasoned dive tables:

depth [m]	bottom time [min]	stop times [min]	Table / Soft-ware	rem.:
9	420	10 @ 3 m	DCIEM	
30 fsw	420	22 @ 20 fsw	USN 2018	
9	420	8 @ 3 m	3_11	GF 1.00
9	420	21 @ 3 m	3_11	GF 0.93

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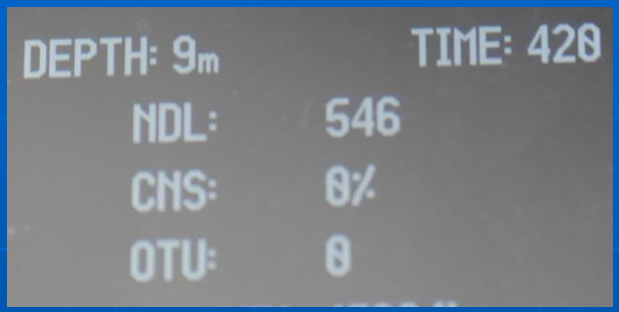
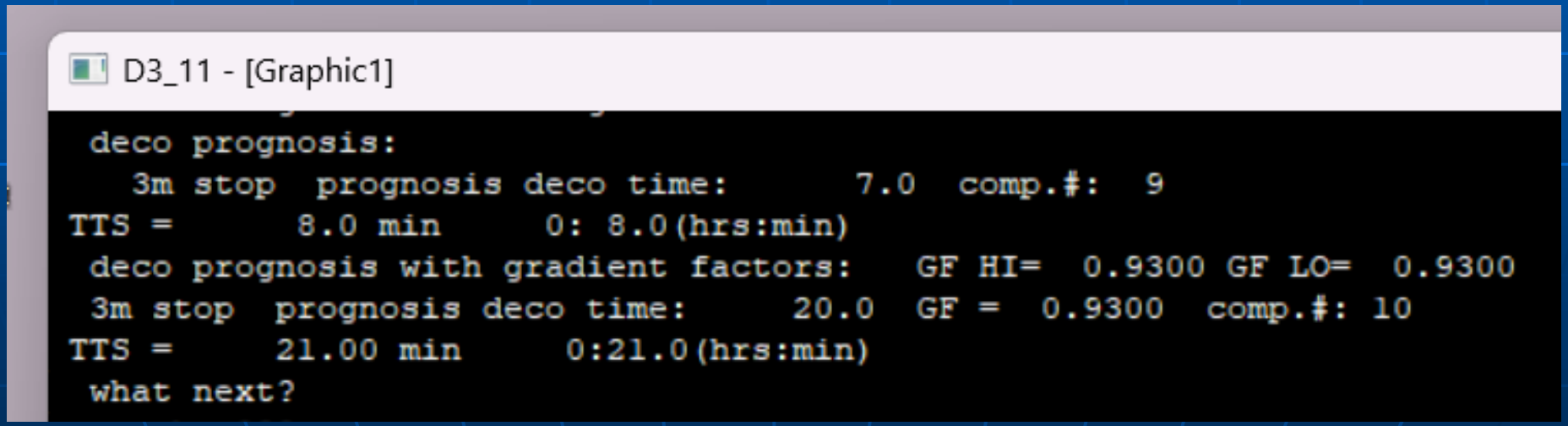


420 min @ 9 m with air is NO NDL!!!

Comparison with desktop deco software:
the iX3M falls short of ca. 20 min stop time !!! (***)



(***): the GF High = GF Low = 0.93 is the default pre-set with all Bühlmann algorithms in the iX3M 2 DEEP

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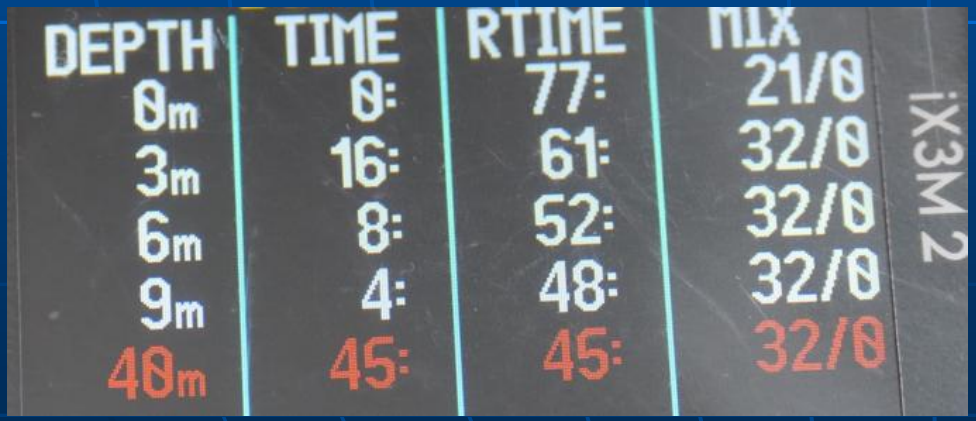
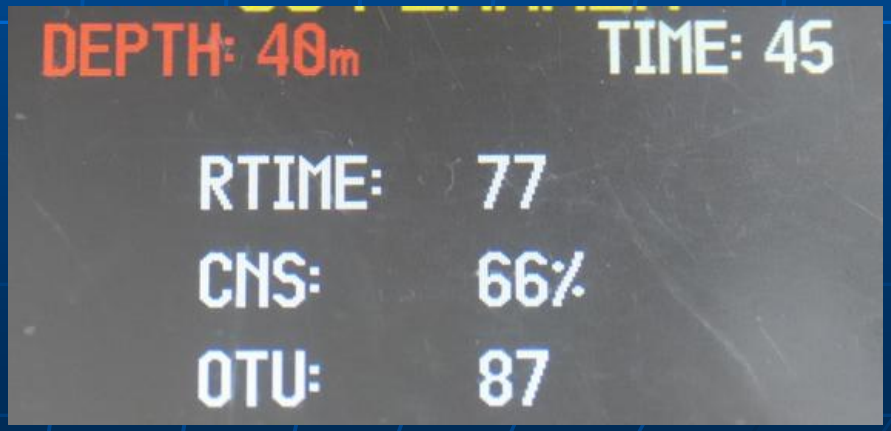
Screen shots from the OC Planner @ EAN32:

%CNS should be ca. 11 %





TTS & OTU: quite OK; but %CNS: NO!!!

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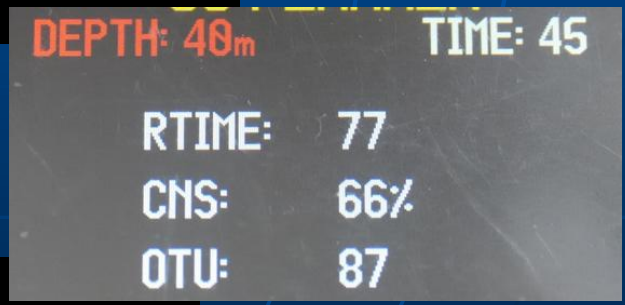
Comparison with a desktop deco software:

D3_11 - [Graphic1]

```
 deco prognosis:
   9m stop  prognosis deco time:       2.0  comp.#:  4
   6m stop  prognosis deco time:       8.0  comp.#:  5
   3m stop  prognosis deco time:      21.0  comp.#:  7
TTS =      35.0 min      0:35.0(hrs:min)
 deco prognosis with gradient factors:   GF HI=  0.9300 GF LO=  0.9300
 9m stop  prognosis deco time:       3.0  GF =  0.9300  comp.#:  4
 6m stop  prognosis deco time:       9.0  GF =  0.9300  comp.#:  6
 3m stop  prognosis deco time:      23.0  GF =  0.9300  comp.#:  7
TTS =      39.00 min      0:39.0(hrs:min)
 what next?
```



TTS with GF 0.93 falls short of ca. 7 min (***);
%CNS should be ca. 100 %, OTU 84

```
 oxygen exposure indices:
 NOAA %CNS:     100.0  OTU:      84.0
 K Values  CNS-OT:      41074.    P-OT:        4.  ESOT:    123.72
```

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Screen shots from the OC Planner @ EAN99 (oxygen); the NOAA / USN Ox-Tox calculations also still questionable:

OTU: quite OK, %CNS should be ca. 112 %

OTU: quite OK, %CNS should be ca. 150 %