

Scubapro / UWATEC

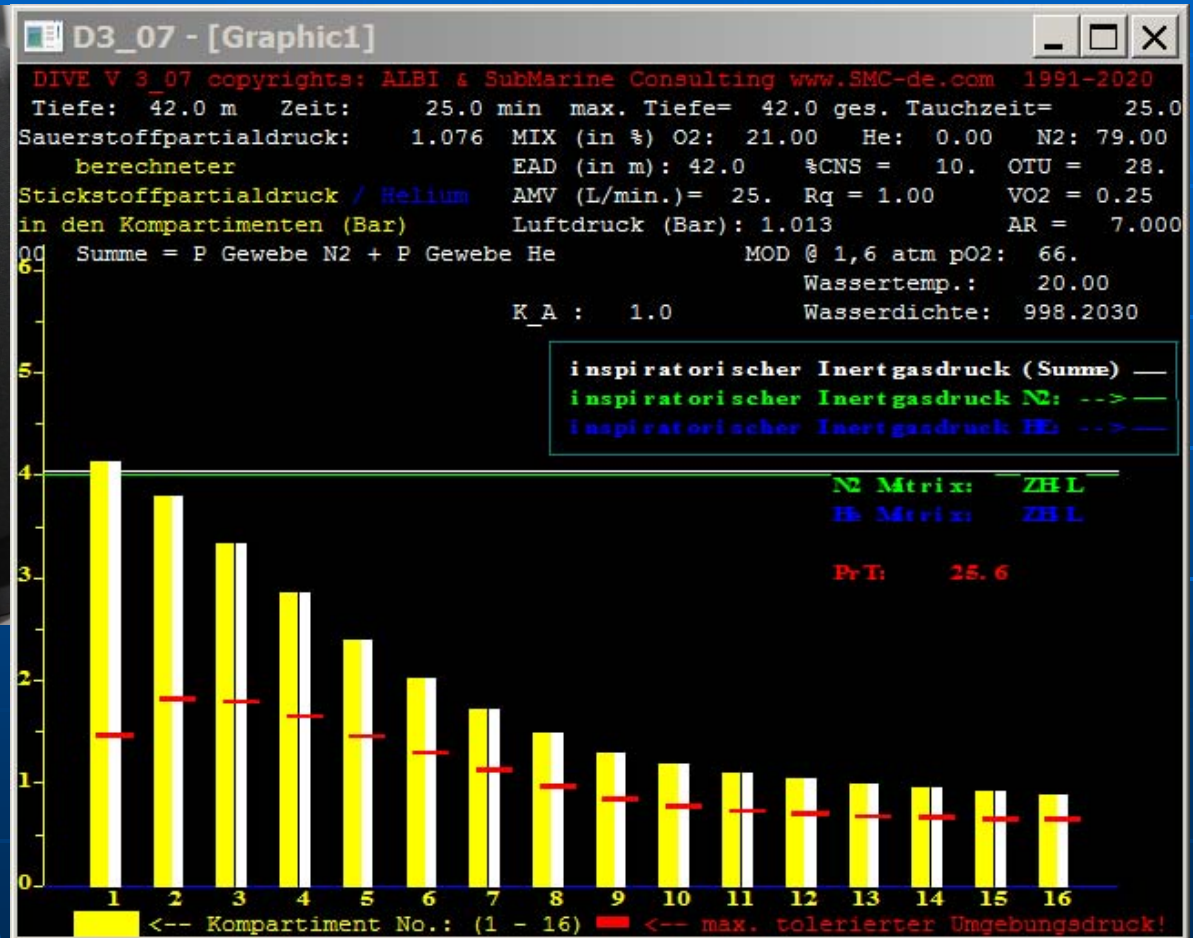
Galileo 2 / G2:

MB Level vs. Gradient Factors

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Scubapro / UWATEC
Galileo 2 / G2:
Hardware Version 0.0
Software Version 1.5
per 01/2020



Dive Planner Menu / G2:

MB Level 0; depth: 42 m; NDL: 8 min

bottom time 25 min @ Air →

TAT / TTS → **40 min (V1.2)**

TAT / TTS → **47 min (V1.5)**



Scubapro / UWATEC
Galileo 2 / G2:
Hardware Version 0.0
Software Version 1.5
per 01/2020

(*) TAT = TTS: time-to-surface =
sum of all stop times + ascent time (here ca. 6 min for the G2)



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G2: MB Level	G2: TTS [min] V 1.2	G2: TTS [min] V 1.5
L0	40	47
L1	44	52
L2	50	58
L3	56	65
L4	63	73
L5	73	84
L6	87	100
L7	106	120
L8	132	146
L9	166	180



**Dive Planner Menu / G2 Version 1.2:
 MB Level 0 (L0) → MB Level 6 (L6)
 for the dive: 42 m / 25 min bottom time**

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G2: MB Level	G2: TTS (*) [min]		Gradient Factors	DIVE V 3_07: TTS (*) [min]
			GF High / GF Low	Additional settings → pls. cf. next slide
-/-	-/-		1.0 / 1.0	34 (→ ZH-86 Table)
L0	40		0.90 / 0.90	40
L1	44		0.85 / 0.85	46
L2	50		0.80 / 0.80	51
L3	56		0.75 / 0.75	58
L4	63		0.70 / 0.70	65
L5	73		0.65 / 0.65	74
L6	87		0.60 / 0.60	82

**(*) TTS: time-to-surface =
 Sum of all stop times + ascent time (here ca. 6 min for the G2)**

**Dive Planner Menu / G2 Version 1.5:
 MB Level 0 (L0) → MB Level 5 (L5)
 for the dive: 42 m / 25 min bottom time**

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G2: MB Level	G2: TTS (*) [min]		Gradient Factors	DIVE V 3_07: TTS (*) [min]
			GF High / GF Low	Additional settings → pls. cf. next slide
-/-	-/-		1.0 / 1.0	34 (→ ZH-86 Table)
L0	47		0.85 / 0.85	46
L1	52		0.80 / 0.75	53
L2	58		0.75 / 0.70	60
L3	65		0.70 / 0.65	68
L4	73		0.65 / 0.60	76
L5	84		0.60 / 0.55	86

**(*) TTS: time-to-surface =
 Sum of all stop times + ascent time (here ca. 6 min for the G2)**

Additional Settings required for DIVE V 3_07:

Source: https://www.divetable.info/beta/D3_07.exe

→ „B“ : Buehlmann Depth Safety Factor

→ „AR“: ascent rate 7 m / min

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was jetzt?a
maximale Ceiling: 8.20
Vorschlag Haldane 2:1 [m] = 16.0
Vorschlag Hills, B. A.: DEEP STOP [m] = 25
PDIS fuer TAU = 10 min: 34.60 [m]
PDIS fuer TAU = 20 min: 24.39 [m]
PDIS fuer TAU = 30 min: 18.50 [m]
Eingabe der Austauschstufe in Metern & cm: (m.cm) :
      Austauschstufe ist zu hoch:
      niedriger wie Ceiling waehlen!

Deko Prognose:
9m Stopp Prognose Dekozeit: 4.0 Komp.#: 3
6m Stopp Prognose Dekozeit: 6.0 Komp.#: 4
3m Stopp Prognose Dekozeit: 18.0 Komp.#: 6
TTS = 34.0
was jetzt?
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42	9	3			1	4
	12	3	—		4	7
	15	3			1	5
	18	3			4	6
	21	3		2	4	10
	24	3		3	6	16
	27	3		4	7	19
	30	3	2	4	9	24

Comparison with ZH-86 Table:

Source: [65], p. 227; i.e.:

<https://www.divetable.info/books/65.pdf>

"Tauchmedizin", Albert A. Bühlmann, Ernst B. Völlm (Mitarbeiter),
P. Nussberger; 5. Auflage in 2002, Springer, ISBN 3-540-42979-4

**Comparison with other
Scubapro/UWATEC Computers
for the dive: 42 m / 25 min bottom time;
each @ Air, @ MB-Level L0**

Computertype:	TTS	Year (ca.)
TEC (1. Generation)	36	2003
TEC 2G	38	2007
Pro Ultra	40	2002
Aladin [2]	40	2014
Matrix	49	2016 (*)
Galileo 2 / G2	40	2017 (*) V 1.2
Galileo 2 / G2	47	2019 V 1.5
(*) Change from ZH-L 8 to ZH-L 16		