

Compass Error by Visual Range

76° 25'

CONTINUED ON CHART 12238

20'

15'

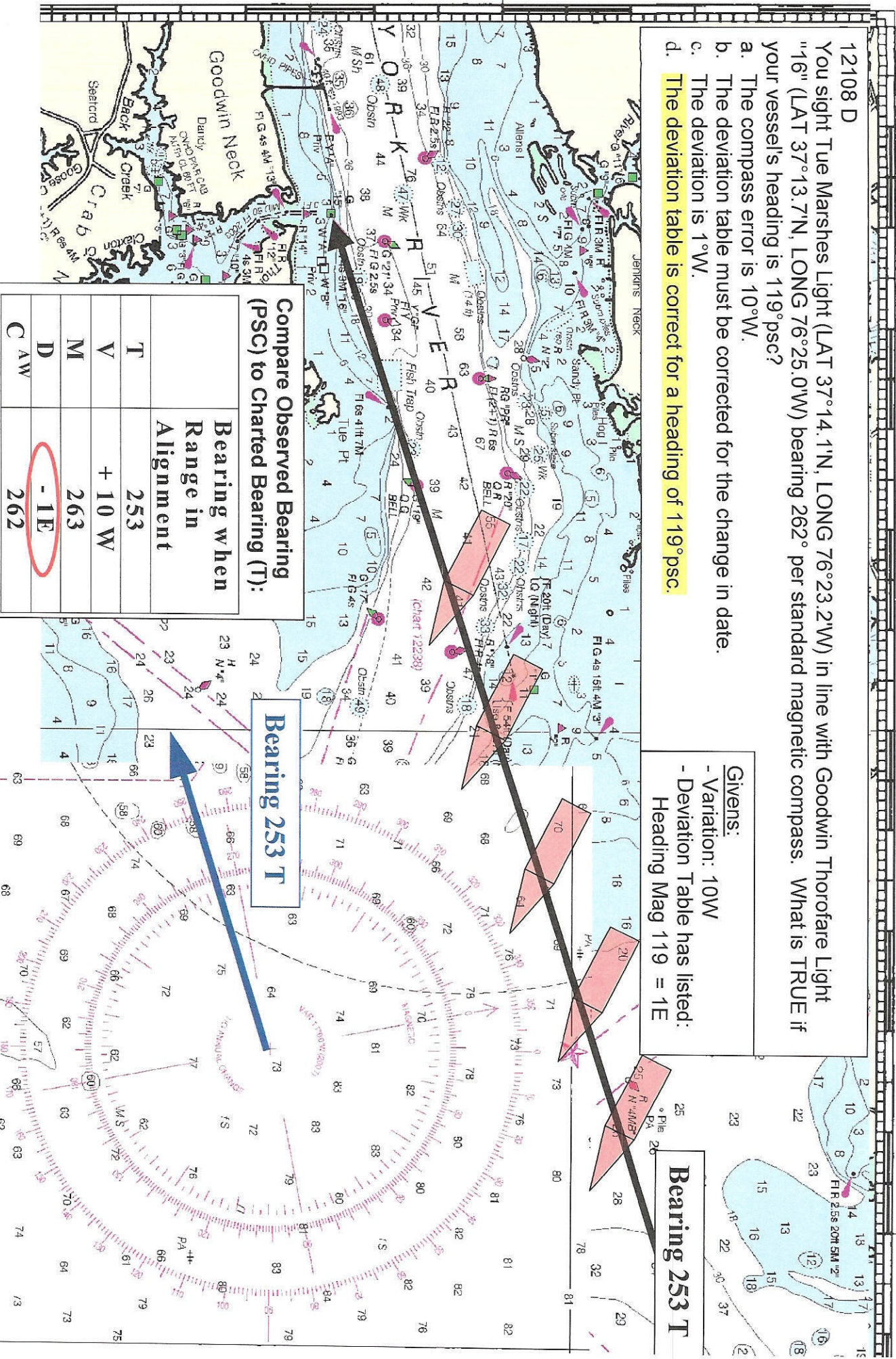
12108 D

You sight Tue Marshes Light (LAT 37°14.1'N, LONG 76°23.2'W) in line with Goodwin Thorofare Light "16" (LAT 37°13.7'N, LONG 76°25.0'W) bearing 262° per standard magnetic compass. What is TRUE if your vessel's heading is 119°psc?

- a. The compass error is 10°W.
- b. The deviation table must be corrected for the change in date.
- c. The deviation is 1°W.
- d. **The deviation table is correct for a heading of 119°psc.**

Givens:
 - Variation: 10W
 - Deviation Table has listed:
 Heading Mag 119 = 1E

Bearing 253 T



Compare Observed Bearing (PSC) to Charted Bearing (T):	
Bearing when Range in Alignment	253
T	+ 10 W
V	263
M	- 1E
D	262
C	AW