

## Practise assignment

- ① Your vessel is a tanker with a draft of 10 mtrs and a speed of 15 Kts. Plan a safe passage from Torquay pilot station to 10 miles due south of Lizard point, taking into account heavy fishing traffic area and visibility of 5 miles for the entire route.

Ans:- Name of vessel \_\_\_\_\_ VDY NO. \_\_\_\_\_ DATE \_\_\_\_\_  
MASTER \_\_\_\_\_

## (A) Appraisal

In preparing the passage plan, following publications were referred to:-

- |                                       |               |
|---------------------------------------|---------------|
| → Admiralty chart catalogue           | 6- Admiralty  |
| → Admiralty list of lights            | 4- Chart      |
| → Admiralty tide tables               | 5- Books      |
| → Admiralty list of radio signals     | 4- niche wala |
| → Admiralty sailing direction         |               |
| → Navigational charts                 |               |
| → Routing chart                       |               |
| → Security (Q-series) chart           |               |
| → Load Line chart                     |               |
| → Bridge procedure guides             |               |
| → Ocean passages of the world         |               |
| → Distance Table                      |               |
| → Mariner's Handbook (NP 100)         |               |
| → Guide to port entry                 |               |
| → T & P Notices in force              |               |
| → Manoeuvring characteristics diagram |               |
| → SMS manual                          |               |
| → SMS Nav. checklist                  |               |

All publication and charts/ENC corrected upto : ANM NO \_\_\_\_\_  
notice no.

Chart/ENC required for planned voyage : BA 5049

Vessel arrival/departure draft : (F) 10.0 mtr (A) 10.0 mtr

## (B) PLANNING

→ Risk assessment carried out

→ Following are marked on the chart:

• NO GO Areas

• Constant Radius Turn

$$\left(\frac{V}{R}\right) RDT = \frac{12}{3} = 4^\circ/\text{min}$$

• PPI & posn plotting means

• Engine status

• Call master

• Nav watch arrangement

• Echo sounder on/off

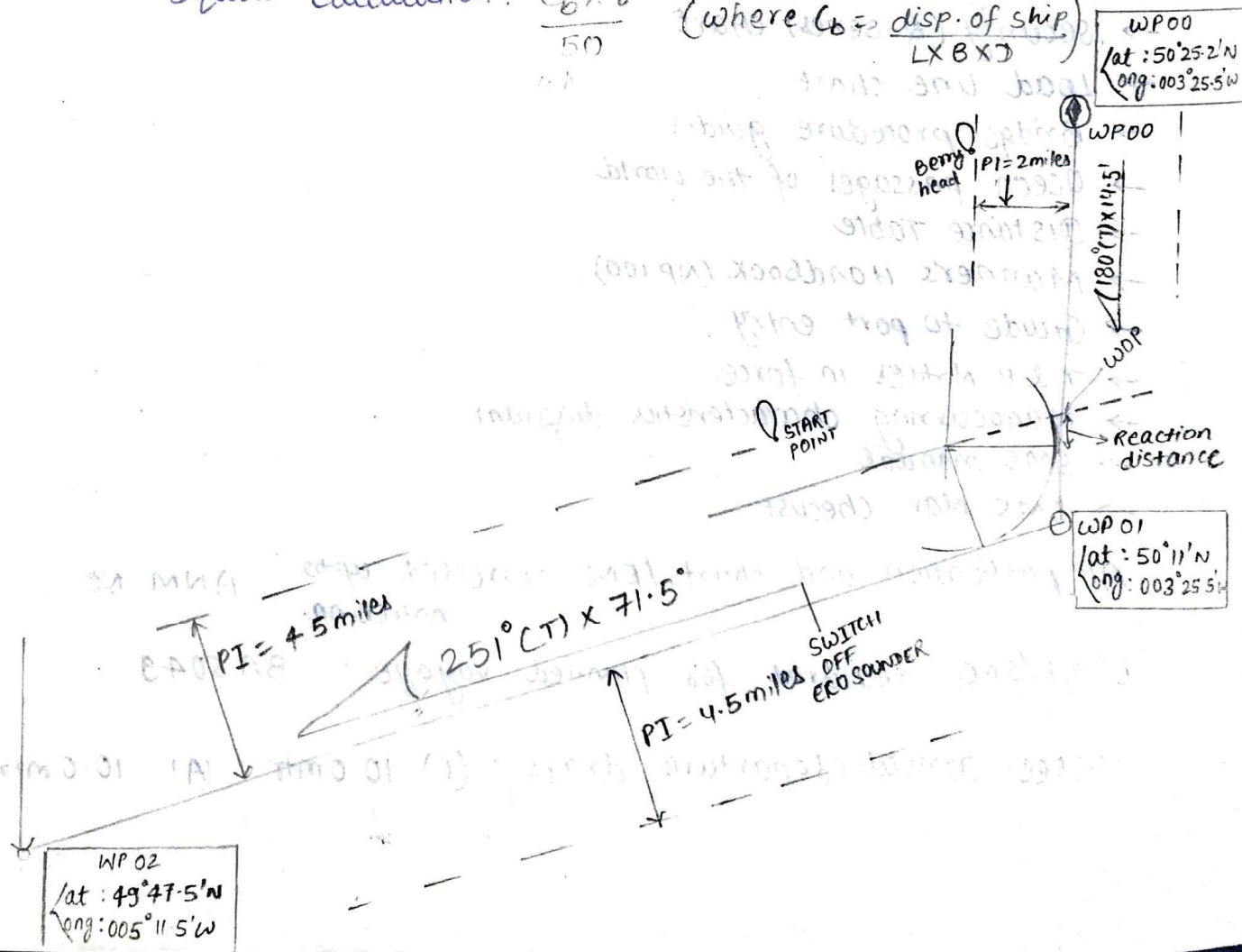
• Wheel over point & wheel over line

• Parallel indexing

• COMPLY COLREGS

• Squat calculation:  $\frac{C_b \times V^2}{50}$

(where  $C_b = \frac{\text{disp. of ship}}{L \times B \times D}$ )



Voyage No. \_\_\_\_\_ From <sup>10 Miles South</sup> of Bill of Portland To <sup>Pos<sup>n</sup> les sept Iles</sup> b'g 180°(T) x 6' Dep Date: \_\_\_\_\_ ETA: \_\_\_\_\_

| SWP No. | From                        | To                       | CO (T) | Dist. (NM) | DTG (NM) | Speed | Pos <sup>n</sup> fixing method | Charts | Remarks                                                                                         |
|---------|-----------------------------|--------------------------|--------|------------|----------|-------|--------------------------------|--------|-------------------------------------------------------------------------------------------------|
| 1.      | 50° 21.2' N<br>002° 26.5' W | 49° 59' N<br>003° 56' W  | 249°   | 61         | ECDIS    | 8     | R/G/V                          | 5049   | Comply with related SMS Nav C/L, monitor record UKC, give notices as marked,                    |
| 2       | 49° 59' N<br>003° 56' W     | 48 59' N<br>003° 30.5' W | 165°   | 61         | ECDIS    | 6     | R/G/V                          | 5049   | Comply with related SMS Nav C/L, monitor record UKC, give notices as marked, monitor wx warning |

Prepared by Navigating officer \_\_\_\_\_ Sign \_\_\_\_\_ Date \_\_\_\_\_

Approved by Master \_\_\_\_\_ Sign \_\_\_\_\_ Date \_\_\_\_\_

### Execution:

- Condition & reliability of the vessel navigational equipment
- Meteorological condition & forecast as well as weather routing information
- Traffic condition.

### Monitoring

- Regularly fixing the position of ship particularly at alteration of course-
- Visual fixes if possible
- Determine compass error.
- Radar plotting
- Monitor & record UKC