EO M423.01 – IDENTIFY ASPECTS OF A CHART

1. **Performance**: Identify Aspects of a Chart

2. **Conditions**:

   a. Given:

      (1) Chart 3441 *Haro Strait, Boundary Pass and / et Satellite Channel*,

      (2) Supervision, and

      (3) Assistance as required.

   b. Denied: Nil.

   c. Environmental: Classroom or training area large enough to accommodate the entire group with tables suitable for chartwork.

3. **Standard**: The cadet shall:

   a. explain chart maintenance; and

   b. identify the title block and other information, to include:

      (1) chart title,

      (2) projection,

      (3) scale of the chart,

      (4) depth measurement,

      (5) elevation measurement,

      (6) sources,

      (7) cautionary notes,

      (8) chart number,

      (9) chart edition,

      (10) correction dates,

      (11) important information and warnings,

      (12) adjoining charts,

      (13) large scale chart numbers,

      (14) tidal diamonds,

      (15) inserts / continuations,

      (16) distance scales, and

      (17) compass rose.

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4. **Teaching Points**:

TP	Description	Method	Time	Refs
TP1	Describe how to care for and maintain a chart.	Interactive Lecture	10 min	
TP2	Describe and have the cadets find: a. chart title block information, to include: 1. chart title, 2. projection, 3. scale of the chart, 4. depth measurement, 5. elevation measurement, 6. sources, and 7. cautionary notes, and b. other information found on a chart, to include: 1. chart number, 2. chart edition, 3. correction dates, 4. important information and warnings, 5. adjoining charts, 6. large scale chart numbers, 7. tidal diamonds, 8. inserts / continuations, 9. distance scales, and 10. compass rose.	Interactive Lecture	40 min	C1-165 (pp. 9–19)

5. **Time**:

a.	Introduction / Conclusion:	10 min
b.	Interactive Lecture:	50 min
c.	Total:	60 min

6. **Substantiation**: An interactive lecture was chosen for this lesson to orient the cadets to information found on marine charts and generate interest in small craft navigation.

7. **References**: C1-165 ISBN 1-57409-052-6 Larkin, F. (1998). *Basic coastal navigation*. Dobbs Ferry, NY: Sheridan House Inc.

8. **Training Aids**:

   a. Presentation aids (eg, whiteboard / flip chart / OHP) appropriate for the classroom / training area, and

   b. Chart 3441 *Haro Strait, Boundary Pass and / et Satellite Channel*.

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9. **Learning Aids**: Chart 3441 *Haro Strait, Boundary Pass and / et Satellite Channel* (one per two cadets).
10. **Test Details**: This EO is assessed IAW Chapter 3, Annex B, 423 PC.
11. **Remarks**: Nil.

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