

Comment on

**Organization of Topics
in MARSAME
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Comment 1: Topics in Sections 5.5 to 5.9 should be discussed in Chap 4

Note the following Sections and Topics:

- Section 5.5: Measurement Quality Objectives
- Section 5.6: Determine Measurement Uncertainty
- Section 5.7: Determine Measurement Detectability
- Section 5.8: Determine Measurement Quantifiability
- Section 5.9: Select Measurement Technique and Instrument Combination

These Sections and Topics should be located in Chapter 4: Survey Design

Chapter 4 discusses the design of the Disposition Survey. This is a planning exercise. The design of measurements to have performance characteristics that will provide data with adequate quality to make disposition decisions is carried out prior to the Implementation of Disposition Surveys (Chapter 5). Topics in Sections 5.5 to 5.9 are essential to establishing the appropriate measurement performance characteristics. DQOs, MQOs and the Selection of Measurement Technique are always considered part of the planning process and are an integral to survey design.

Comment 2: Topics in Section 4.3 should be discussed in Chap 2

It is believed that Classification of M&E (Section 4.3) into categories of Class 1, 2, & 3 is part of the assessment and characterization of M&E. This is not Survey Design (Chapter 4). Information from visual inspection, historical records, process knowledge, sentinel measurements, and preliminary measurements, all of which are discussed in Chapter 2: Initial Assessments, are utilized as input into Classification decisions. It is believed that the topic discussed in Section 4.3 would be better served in discussions associated with Chapter 2.