

Table 27. Summary of SBRM products, SBRM Omnibus Amendment requirements, and associated recommendations.

SBRM Products	SBRM Omnibus Amendment Required/Non-required Elements	Recommendations
<p><i>Annual Discard Report</i></p>	<p>Required:</p> <ul style="list-style-type: none"> • Observed sea day by area and gear type (Table 1); • Percent of total trips observed by area and gear type (Table 2); • Distribution of sea sampling trips by area and gear (Table 3); • Observed catch and discards by species, gear type and quarter (Table 4); • Observed catch and discards by species gear type and area (Table 5) <p>Non-required:</p> <ul style="list-style-type: none"> • Percentage of discards by discard reasons (Appendix Tables 1.a and 1.b) 	<ul style="list-style-type: none"> • Summarization of observed trips and sea days along with industry activity are useful (similar to Tables 1 and 2 of Sea Day Analysis and Prioritization). • Consider replacing summary of catch and discards by gear type and quarter with a summary of kept pounds from unobserved quarters and statistical areas. • The observed discards are not as useful as extrapolated discards. Observed discards may be misleading without appropriate scaling; Consider replacing information in the <i>Annual Discard Report</i> with <i>Annual Estimated Discard Report</i> (see Table 9A and Figure 6A in Wigley et al. 2011). • An annual report is appropriate time unit (current information is more useful). In the future, lag time <i>could</i> be reduced when electronic data collection systems are in place. • Region (based on port of departure) versus area fished – ACLs information needs area fished not region. Consider redefining the scope of SBRM. • Discard reasons – difficult to know which FMP led to discards; Consider broadly classifying discarding into two categories: economic or regulatory.

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<p><i>Sea Day Analysis and Prioritization</i></p>	<p>Required: Table 5 elements:</p> <ul style="list-style-type: none"> • At-sea observer coverage levels required to attain the SBRM performance standard; • Coverage levels that would be available if the resource shortfall were allocated proportionally; • Coverage levels that incorporate the recommended prioritization; • Rationale for the recommended prioritization; <p>Non-required:</p> <ul style="list-style-type: none"> • Number of trips (NEFOP and VTR) by fleet and quarter (Table 2); • Number of sea days (NEFOP and VTR) by fleet and quarter (Table 3); • Number of sea days needed to attain the SBRM performance standard by fleet and species group (Table 4); • Coverage levels that would be available if the resource shortfall were allocated proportionally within funding constraints (included in Table 5); • Expected achieved CV based on prioritized sea days (Table 6). 	<ul style="list-style-type: none"> • Keep existing tables; • Include information associated with the prioritization process used. <ul style="list-style-type: none"> • Table 2 and 3 are useful to document activity (NEFOP and industry) • Table 4 and 6 are useful for prioritization process; provide information to support prioritization choices; • Consider including additional information on the relationship of sample size and precision

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<p><i>3-year Review Report</i></p>	<p>Required:</p> <ul style="list-style-type: none"> • Review of observer coverage level; • Review of observed encounters and summary of observed discards; • Review of CV of discards; • Estimate discards; • Evaluate effectiveness of SBRM; • Describe methods, if changed; • Update assessment of potential sources of bias and analyses of accuracy; • Evaluations of implication for management for any cases where SBRM performance standard was not meet. 	<ul style="list-style-type: none"> • Requirements of report are too massive • Providing estimated discards are more useful on an annual basis than every three years.