Proposal No. 27-101
Date Received:

Proposal for Task Force Consideration at the ISSC 2027 Biennial Meeting
(Tab to go to next field)

1. a. ☒ Growing Area
   b. ☐ Harvesting/Handling/Distribution
   c. ☐ Administrative

2. Submitter	ISSC Laboratory Committee
3. Affiliation	
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10. Proposal Subject	Request to rescind the Reveal 2.0 for ASP Method
11. Specific NSSP Guide Reference	Section IV, Chapter III, @.02 Methods, .01 Approved NSSP Laboratory Tests

12. Text of Proposal/ Requested Action

4. Approved Limited Use Methods for Marine Biotoxin Testing

	Biotoxin Type: Amnesic Shellfish Poisoning (ASP)	Biotoxin Type: Paralytic Shellfish Poisoning (PSP)	Biotoxin Type: Neurotoxic Shellfish Poisoning (NSP)	Application: Growing Area Survey & Classification Sample Type: Shellfish	Application: Onboard Testing Program Sample Type: Shellfish	Application: Controlled Relaying Sample Type: Shellfish	Application: Controlled Harvest End Product Testing
Abraxis Shipboard ELISA[2]		X			X		
SRT[1]		X		X	X	X	
~~Reveal 2.0 ASP[3]~~	~~X~~			~~X~~	~~X~~	~~X~~	
~~RBA[4]~~RBA[3]		X		X	X	X	
MARBIONC Brevetoxin ~~ELISA[5]~~ELISA[4]			X	X	X	X	X

Footnotes:

1. Scotia Rapid Test for PSP, formerly Jellett Rapid Testing Ltd.
   a. Method can be used to determine when to perform a mouse bioassay in a previously closed area.
   b. A negative result can be substituted for a mouse bioassay to maintain an area in the open status.
   c. A positive result shall be used for a precautionary closure.
2. Saxitoxin (PSP) ELISA Kit. Method can be used in conjunction with rapid extraction method using 70% isopropanol (rubbing alcohol): 5% acetic acid (white vinegar) 2.5:1. ISSC Summary of actions, Proposal 05.111 (page 15) and 09-107 (page 140).

~~3. Reveal 2.0 ASP. Neogen Corporation. Screening Method for Qualitative Determination of Domoic Acid Shellfish. ISSC 201 Summary of Actions Proposal 13-112.~~

~~4.~~3. Receptor Binding Assay (RBA) for Paralytic Shellfish Poisoning (PSP) Toxicity Determination. Dr. Fran Van Dolah. Method for Clams and Scallops for the Purpose of Screening and Precautionary Closure for PSP. ISSC 2013 Summary of Actions Proposal 13-114.

~~5.~~4. MARBIONC Brevetoxin ELISA, MARBIONC Development Group, LLC. Method can be used in place of an Approved Method for oysters, hard clams, and sunray venus clams within this parameters:
   a. A negative result (≤ 1.6 ppm in hard clams and sunray venus clams and ≤ 1.80 ppm in oysters) can substitute for testing by an Approved Method for the purposes of controlled relaying, controlled harvest end-product testing, or to re-open a previously closed area.
   b. A positive result (> 1.6 ppm in hard clams and sunray venus clams and > 1.8 ppm in oysters) requires additional testing by an Approved Method or could support the same management actions as samples failing by an Approved Method. ISSC 2017 Proposals for Consideration, Proposal 17-107 (page 466).

13. Public Health Significance

The Neogen Corporation has discontinued production on all biotoxin test kits, and the last of the Reveal 2.0 for ASP kits that were produced prior to that discontinuation have all passed their expiration date. There are no plans for

	Neogen or any other corporation to resume production of these kits. With this discontinuation, the only remaining laboratory method available within the NSSP for testing for ASP is the HPLC method cited in this same method table in Section 2. Approved Methods for Marine Biotoxin Testing.
14. Cost Information	N/A
Action by 2024 Executive Board	Adopted the recommendation of 2024 Federal Waters Committee. Interim Approval on April 16, 2025