

Proposal Subject	Plant Sanitation
Specific NSSP Guide Reference	2003 Model Ordinance Chapter XII Section .01
Text of Proposal/ Requested Action	<p>Modify Chapter XII.01 (Critical Control Points) to make minor editorial changes and to add a new temperature requirement at receiving.</p> <p>.01 Critical Control Points.</p> <p>A. Receiving Critical Control Point - Critical Limits. The dealer shall repack only shellfish which:</p> <p>(1) Originated from a certified dealer; and who has</p> <p>(2) — (a) Transported the shellfish iced, or in a conveyance maintained at or below 45°F (7.2°C) ambient air temperature; [C] and</p> <p>(b) Identified the shellfish with a label as outlined in Chapter X.06. [C]</p> <p>B. Processing Critical Control Point - Critical Limits. The dealer shall ensure that repacked shucked shellfish do not exceed an internal temperature of 45° Fahrenheit (7.2° Centigrade) for more than 2 hours. [C]</p> <p>C. Shucked Meat Storage Critical Control Point - Critical Limit. The dealer shall store repacked shellfish in covered containers at an ambient temperature of 45 ° Fahrenheit (7.2 ° Centigrade) or less or covered in ice. [C]</p>

Public Health Significance

Pathogens found in waters from which molluscan shellfish are harvested can cause illness or death in consumers with immune disorders or conditions. Pathogens, such as *Vibrio vulnificus*, *Vibrio parahaemolyticus*, and *Vibrio cholerae* non 01, are naturally occurring. *V. vulnificus* illness is associated with the consumption of raw oysters harvested from the Gulf of Mexico during the warm weather months. *V. parahaemolyticus* and *V. cholerae* non 01 illness is associated with the consumption of raw oysters harvested during the warm weather months from the Atlantic, Pacific, and Gulf of Mexico regions of the U.S., and similar climates world-wide. Some of these bacterial pathogens may be present in low numbers at the time that molluscan shellfish are harvested, and may increase to levels that are more hazardous if they are exposed to time/temperature abuse.

"Pathogens from the harvest area" should be considered a significant hazard at any harvesting, shipping, receiving, and processing steps where a preventive measure is adequate to reduce the likelihood of occurrence of the hazard to an acceptable level. To minimize the risk of illness from the consumption of molluscan shellfish containing these pathogens, shellfish dealers must identify the receiving step as a critical control point for this hazard.

Pathogenic organisms can survive in shellfish for a considerable length of time after harvesting and bacterial pathogens may multiply in the absence of adequate refrigeration. Adequate temperature control is critical to product safety. The NSSP MO sets forth temperature requirements for shipping shellfish (Chapter IX). However, there is no a requirements for dealers to monitor temperature at receiving (dealer to dealer shipping). Adding temperature control at receiving will close the gap that exists now between the shipping and receiving steps.

Cost Information (if available)	None
Action by 2005 Task Force II	Recommended referral of Proposal 05-215 to appropriate Committee as determined by the Conference Chairman.
Action by 2005 General Assembly	Adopted recommendation of 2005 Task Force II.

- Action by USFDA** Concluded with Conference action.
- Action by 2007 Time/Temperature Committee** Recommended adoption of Proposal 05-215 as amended.
- Chapter XII. Repacking of Shucked Shellfish
- .01 Critical Control Points.
- A. Receiving Critical Control Point - Critical Limits. The dealer shall repack only shellfish which:
- (1) Originated from a ~~certified~~ dealer; who has
 - (a) ~~Transported~~ **Shipped** the shellfish iced, or in a conveyance ~~maintained~~ at or below 45°F (7.2°C) ambient air temperature; [C] and
 - (b) ~~I~~ identified the shellfish with a label as outlined in Chapter X.06. [C]
- B. Processing Critical Control Point - Critical Limits. The dealer shall ensure that repacked shucked shellfish do not exceed an internal temperature of 45° F (7.2° C) for more than 2 hours. [C]
- C. Shucked Meat Storage Critical Control Point - Critical Limit. The dealer shall store repacked shellfish in covered containers at an ambient temperature of 45° F (7.2°) or less or covered in ice. [C]
- Action by 2007 Task Force II** Recommended tabling Proposals 05-209, 05-215, 05-217, and 05-219 and sent to a workgroup comprised of Chris Nelson, Steve Fleetwood, MaryAnn Guichard, Austin Doctor, Teddy Busick, Sandy Shepherd, Erin Butler, Miles Motes and AJ Erskine.
- Action by 2007 Task Force II Workgroup** Recommended adoption of Time/Temperature Committee recommendation on Proposal 05-215.
- Action by 2007 Task Force II** Recommended adoption of the Task Force II Workgroup recommendation on Proposal 05-215.
- Action by 2007 General Assembly** Adopted recommendation of 2007 Task Force II.
- Action by USFDA** December 20, 2007
Concluded with Conference action.