artdaq - Feature #21191

Make Shared Memory Transfer timeouts configurable

10/19/2018 02:18 PM - Eric Flumerfelt

Status:	Resolved	**Start date:**	10/19/2018
Priority:	Normal	**Due date:**	
Assignee:	Eric Flumerfelt	**% Done:**	0%
Category:	Additional Functionality	**Estimated time:**	0.00 hour
Target version:			
Experiment:	-	**Co-Assignees:**	

Description

The Shmem_transfer plugin should accept a configuration parameter to allow configuration of the stale buffer timeout.

Added parameter "stale_buffer_timeout_usec" (same name as parameter in SharedMemoryEventManager), with default value of 100s.

Implementation on feature/ShmemTransfer_ConfigureStaleBufferTimeout. When in back-pressure situations, "Stale buffer" warning messages should appear after this much time has elapsed.