## NATIONAL MASTER OF TOWING VESSELS UPON OCEAN, NEAR COASTAL, GREAT LAKES-INLAND & WESTERN RIVERS § 11.464

Name:	Reference #:	DATE:

Must have U.S. Citizenship.  Must be at least Age 21.  Must be at least Age 21.  Original - Must hold or be approved for Medical Certificate.  Original - Must hold or be approved for Medical Certificate.  Recensel, ROG, New Endorsement - Must hold an unexpired Medical Certificate or submit at Medical Certificate application.  Must be Drug Testing Compliant.  Mariner Fees must be paid.  Mariner Fees must be paid.  Recency - 90 days service in the past 3 years on vessels. A minimum tonnage is not applicable for towing MMC. Not required for adding a route or adding to current MMC greater than 200 GRT.  NOTE: Service will be credited as follows:  Service on GL will be credited as follows:  Service on GL will be credited as follows:  Service on WR is applicable towards WR endorsement.  The OC or NC TOAR must still be completed to obtain the OC or NC MMC.  MASTER OF TOWING VESSELS  Seld days must be on towing vessels as Mate (Pilot) AND  1. 540 days must be on towing vessels as Mate (Pilot) AND  2. 90 days must be on a particular route, may be any deck position.  HOLDS MASTER MORE (GREATER) THAN 200 GRT  May operate towing vessels within any restrictions on their endorsement if they have:  AND  2. Either hold a completed TOAR OR complete an approved course.  Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT.) Not to be used for limited geographic endorsements.  Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limi	General Requirements	Reference: 46 CFR	✓
Must be at least Age 21.  Medical Certificate Requirements:  Original - Must hold or be approved for Medical Certificate.  Renewal, ROG, New Endorsement - Must hold an unexpired Medical Certificate or submit a Medical Certificate application.  Must be Drug Testing Compliant.  Mariner Fees must be paid.  Sea Service Requirements  Recency - 90 days service in the past 3 years on vessels. A minimum tonnage is not applicable for towing MMC. Not required for adding a route or adding to current MMC greater than 200 GRT.  NOTE: Service on Ill Description of the total required service towards Ocean and NC. Service on inland waters, other than GL, may substitute for up to 50% of the total required service towards Ocean and NC. Only service on WR is applicable towards WR endorsement.  The OC or NC TOAR must still be completed to obtain the OC or NC MMC.  MASTER OF TOWING VESSELS  1. \$40 days must be on a particular route, may be any deck position.  HOLDS MASTER MORE (GREATER) THAN 200 GRT  May operate towing vessels within any restrictions on their endorsement if they have:  1. 30 days of training & observation on towing vessels on a particular route; AND 2. Either hold a completed TOAR OR complete an approved course.  Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior e	Must have U.S. Citizenship.		
Medical Certificate Requirements:  Original - Must hold or be approved for Medical Certificate.  Renewal, ROG, New Endorsement - Must hold an unexpired Medical Certificate or submit a Medical Certificate application.  Must be Drug Testing Compliant.  Mariner Fees must be paid.  Reference:  Sea Service Requirements  Reference: 46 CFR  Recency - 90 days service in the past 3 years on vessels. A minimum tonnage is not applicable for towing MMC. Not required for adding a route or adding to current MMC greater than 200 GRT.  NOTE: Service will be credited as follows:  1. Service on GL will be credited day for day towards GL, Oceans or NC.  2. Service on inland waters, other than GL, may substitute for up to 50% of the total required service towards Ocean and NC.  3. Only service on WR is applicable towards WR endorsement.  The OC or NC TOAR must still be completed to obtain the OC or NC MMC.  MASTER OF TOWING VESSELS  1. 540 days must be on towing vessels as Mate (Pilot) AND  2. 90 days must be on a particular route, may be any deck position.  HOLDS MASTER MORE (GREATER) THAN 200 GRT  May operate towing vessels within any restrictions on their endorsement if they have:  1. 30 days of training & observation on towing vessels on a particular route;  AND  2. Either hold a completed TOAR OR complete an approved course.  Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other  routes/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or super	1		
• Original - Must hold or be approved for Medical Certificate. • Renewal, ROG, New Endorsement - Must hold an unexpired Medical Certificate or submit a Medical Certificate application.  Must be Drug Testing Compliant.  Mariner Fees must be paid.  Sea Service Requirements  Reference:  46 CFR  Recency – 90 days service in the past 3 years on vessels. A minimum tonnage is not applicable for towing MMC. Not required for adding a route or adding to current MMC greater than 200 GRT.  NOTE: Service will be credited as follows:  1. Service on GL will be credited day for day towards GL, Oceans or NC.  2. Service on inland waters, other than GL, may substitute for up to 50% of the total required service towards Ocean and NC  3. Only service on WR is applicable towards WR endorsement.  The OC or NC TOAR must still be completed to obtain the OC or NC MMC.  MASTER OF TOWING VESSELS  1. 540 days must be on towing vessels as Mate (Pilot) AND  2. 90 days must be on a particular route, may be any deck position.  HOLDS MASTER MORE (GREATER) THAN 200 GRT  May operate towing vessels within any restrictions on their endorsement if they have:  1. 30 days of training & observation on towing vessels on a particular route; AND  2. Either hold a completed TOAR OR complete an approved course.  Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on		111201	
• Renewal, ROG, New Endorsement - Must hold an unexpired Medical Certificate or submit a Medical Certificate application.  Must be Drug Testing Compliant.  Mariner Fees must be paid.  Sea Service Requirements  Recency - 90 days service in the past 3 years on vessels. A minimum tonnage is not applicable for towing MMC. Not required for adding a route or adding to current MMC greater than 200 GRT.  NOTE: Service will be credited as follows:  1. Service on GL will be credited day for day towards GL, Oceans or NC. 2. Service on inland waters, other than GL, may substitute for up to 50% of the total required service towards Ocean and NC. 3. Only service on WR is applicable towards WR endorsement.  The OC or NC TOAR must still be completed to obtain the OC or NC MMC.  MASTER OF TOWING VESSELS  1. 540 days must be on a particular route, may be any deck position.  MOLDS MASTER MORE (GREATER) THAN 200 GRT  May operate towing vessels within any restrictions on their endorsement if they have:  1. 30 days of training & observation on towing vessels on a particular route; AND  2. Either hold a completed TOAR OR complete an approved course.  Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master TV 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-	-	10.301/10.302	
Must be Drug Testing Compliant.  Must be Drug Testing Compliant.  Sea Service Requirements  Reference: 46 CFR  Recency – 90 days service in the past 3 years on vessels. A minimum tonnage is not applicable for towing MMC. Not required for adding a route or adding to current MMC greater than 200 GRT.  NOTE: Service on GL will be credited as follows:  Service on inland waters, other than GL, may substitute for up to 50% of the total required service towards Ocean and NC.  Service on WK is applicable towards WR endorsement.  The OC or NC TOAR must still be completed to obtain the OC or NC MMC.  MASTER OF TOWING VESSELS  1. 540 days must be on a particular route, may be any deck position.  HOLDS MASTER MORE (GREATER) THAN 200 GRT  May operate towing vessels within any restrictions on their endorsement if they have:  AND  2. Either hold a completed TOAR OR complete an approved course.  Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam or particularing per NVIC 3-			
Must be Drug Testing Compliant.  Mariner Fees must be paid.  Sea Service Requirements  Recency — 90 days service in the past 3 years on vessels. A minimum tonnage is not applicable for towing MMC. Not required for adding a route or adding to current MMC greater than 200 GRT.  NOTE: Service will be credited as follows:  Service on GL will be credited day for day towards GL, Oceans or NC.  Service on inland waters, other than GL, may substitute for up to 50% of the total required service towards Ocean and NC.  Only service on WR is applicable towards WR endorsement.  The OC or NC TOAR must still be completed to obtain the OC or NC MMC.  MASTER OF TOWING VESSELS  11.464  11.464  11.464  11.464  11.464  11.464  11.464  11.464  11.464  11.464  11.464  11.464  11.464  11.464  11.464  11.465  11.464			
Mariner Fees must be paid.   10.219		10.225/10.231	
Reference: 46 CFR		10.219	
is not applicable for towing MMC. Not required for adding a route or adding to current MMC greater than 200 GRT.  NOTE: Service will be credited as follows:  1. Service on GL will be credited day for day towards GL, Oceans or NC.  2. Service on inland waters, other than GL, may substitute for up to 50% of the total required service towards Ocean and NC.  3. Only service on WR is applicable towards WR endorsement.  The OC or NC TOAR must still be completed to obtain the OC or NC MMC.  MASTER OF TOWING VESSELS  1. 540 days must be on towing vessels as Mate (Pilot) AND  2. 90 days must be on a particular route, may be any deck position.  HOLDS MASTER MORE (GREATER) THAN 200 GRT  May operate towing vessels within any restrictions on their endorsement if they have:  1. 30 days of training & observation on towing vessels on a particular route;  AND  2. Either hold a completed TOAR OR complete an approved course.  Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-	•	Reference:	
current MMC greater than 200 GRT.  NOTE: Service will be credited as follows:  1. Service on GL will be credited day for day towards GL, Oceans or NC.  2. Service on inland waters, other than GL, may substitute for up to 50% of the total required service towards Ocean and NC.  3. Only service on WR is applicable towards WR endorsement.  The OC or NC TOAR must still be completed to obtain the OC or NC MMC.  MASTER OF TOWING VESSELS  1. 540 days must be on towing vessels as Mate (Pilot) AND  2. 90 days must be on a particular route, may be any deck position.  HOLDS MASTER MORE (GREATER) THAN 200 GRT  May operate towing vessels within any restrictions on their endorsement if they have:  1. 30 days of training & observation on towing vessels on a particular route;  AND  2. Either hold a completed TOAR OR complete an approved course.  Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other route/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-	<b>Recency</b> – 90 days service in the past 3 years on vessels. A minimum tonnage	11.201	
1. Service on GL will be credited day for day towards GL, Oceans or NC.  2. Service on inland waters, other than GL, may substitute for up to 50% of the total required service towards Ocean and NC.  3. Only service on WR is applicable towards WR endorsement.  The OC or NC TOAR must still be completed to obtain the OC or NC MMC.  MASTER OF TOWING VESSELS  1. 540 days must be on towing vessels as Mate (Pilot) AND  2. 90 days must be on a particular route, may be any deck position.  HOLDS MASTER MORE (GREATER) THAN 200 GRT  May operate towing vessels within any restrictions on their endorsement if they have:  1. 30 days of training & observation on towing vessels on a particular route; AND  2. Either hold a completed TOAR OR complete an approved course.  Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-	is not applicable for towing MMC. Not required for adding a route or adding to current MMC greater than 200 GRT.		
2. Service on inland waters, other than GL, may substitute for up to 50% of the total required service towards Ocean and NC  3. Only service on WR is applicable towards WR endorsement.  The OC or NC TOAR must still be completed to obtain the OC or NC MMC.  MASTER OF TOWING VESSELS  1. 540 days must be on towing vessels as Mate (Pilot) AND  2. 90 days must be on a particular route, may be any deck position.  HOLDS MASTER MORE (GREATER) THAN 200 GRT  May operate towing vessels within any restrictions on their endorsement if they have:  1. 30 days of training & observation on towing vessels on a particular route; AND  2. Either hold a completed TOAR OR complete an approved course.  Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-	NOTE: Service will be credited as follows:	11.401	
the total required service towards Ocean and NC.  3. Only service on WR is applicable towards WR endorsement.  The OC or NC TOAR must still be completed to obtain the OC or NC MMC.  MASTER OF TOWING VESSELS  1. 540 days must be on towing vessels as Mate (Pilot) AND  2. 90 days must be on a particular route, may be any deck position.  HOLDS MASTER MORE (GREATER) THAN 200 GRT  May operate towing vessels within any restrictions on their endorsement if they have:  1. 30 days of training & observation on towing vessels on a particular route; AND  2. Either hold a completed TOAR OR complete an approved course.  Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-			
3. Only service on WR is applicable towards WR endorsement.  The OC or NC TOAR must still be completed to obtain the OC or NC MMC.  MASTER OF TOWING VESSELS  1. 540 days must be on towing vessels as Mate (Pilot) AND  2. 90 days must be on a particular route, may be any deck position.  HOLDS MASTER MORE (GREATER) THAN 200 GRT  May operate towing vessels within any restrictions on their endorsement if they have: 1. 30 days of training & observation on towing vessels on a particular route; AND 2. Either hold a completed TOAR OR complete an approved course.  Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION  NVIC  OGRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-			
The OC or NC TOAR must still be completed to obtain the OC or NC MMC.  MASTER OF TOWING VESSELS  1. 540 days must be on towing vessels as Mate (Pilot) AND  2. 90 days must be on a particular route, may be any deck position.  HOLDS MASTER MORE (GREATER) THAN 200 GRT  May operate towing vessels within any restrictions on their endorsement if they have:  1. 30 days of training & observation on towing vessels on a particular route; AND  2. Either hold a completed TOAR OR complete an approved course.  Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-			
MASTER OF TOWING VESSELS  1. 540 days must be on towing vessels as Mate (Pilot) AND  2. 90 days must be on a particular route, may be any deck position.  HOLDS MASTER MORE (GREATER) THAN 200 GRT  May operate towing vessels within any restrictions on their endorsement if they have:  1. 30 days of training & observation on towing vessels on a particular route; AND  2. Either hold a completed TOAR OR complete an approved course.  Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-	3. Only service on WR is applicable towards WR endorsement.		
1. 540 days must be on towing vessels as Mate (Pilot) AND 2. 90 days must be on a particular route, may be any deck position.  HOLDS MASTER MORE (GREATER) THAN 200 GRT  May operate towing vessels within any restrictions on their endorsement if they have: 1. 30 days of training & observation on towing vessels on a particular route; AND 2. Either hold a completed TOAR OR complete an approved course.  Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-	The OC or NC TOAR must still be completed to obtain the OC or NC MMC.	44 677	
2. 90 days must be on a particular route, may be any deck position.  HOLDS MASTER MORE (GREATER) THAN 200 GRT  May operate towing vessels within any restrictions on their endorsement if they have:  1. 30 days of training & observation on towing vessels on a particular route; AND  2. Either hold a completed TOAR OR complete an approved course.  Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-		46 CFR	
HOLDS MASTER MORE (GREATER) THAN 200 GRT  May operate towing vessels within any restrictions on their endorsement if they have:  1. 30 days of training & observation on towing vessels on a particular route; AND  2. Either hold a completed TOAR OR complete an approved course.  Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-	1. 540 days must be on towing vessels <b>as</b> Mate (Pilot) <b>AND</b>	11.464	
May operate towing vessels within any restrictions on their endorsement if they have:  1. 30 days of training & observation on towing vessels on a particular route; AND  2. Either hold a completed TOAR OR complete an approved course.  Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-	2. 90 days must be on a particular route, may be any deck position.		
have: 1. 30 days of training & observation on towing vessels on a particular route; AND 2. Either hold a completed TOAR OR complete an approved course.  Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-	HOLDS MASTER MORE (GREATER) THAN 200 GRT		
1. 30 days of training & observation on towing vessels on a particular route; AND  2. Either hold a completed TOAR OR complete an approved course.  Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-	May operate towing vessels within any restrictions on their endorsement if they		
2. Either hold a completed TOAR OR complete an approved course.  Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-	have:	11.464	
2. Either hold a completed TOAR OR complete an approved course.  Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-	1. 30 days of training & observation on towing vessels on a particular route;		
Note: Western Rivers requires 90 days of observation and training, TOAR or approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-			
approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-	2. Either hold a completed TOAR <b>OR</b> complete an approved course.		
approved course and must be endorsed on credential; EXCEPTION:  If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-	Note: Western Rivers requires 90 days of observation and training TOAR or		
If operating on LMR Pilotage waters (MM 236 and below), not required to hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-			
hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-	approved to the district of th		
hold WR endorsement but must hold either a FCP for that route, a MMC for Western Rivers or Master greater than 200 GRT for other routes/waters.  REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-	If operating on LMR Pilotage waters (MM 236 and below), not required to	15.610	
REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-			
REMOVE TONNAGE LIMITATION  For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-			
For mariners who were grandfathered with tonnage to match the inspected deck officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-		NIVIC	
officer endorsement (Example: Master 100 GRT inspected with Master T/V 100 GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-			
GRT). Not to be used for limited geographic endorsements.  1. Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-	For mariners who were grandfathered with tonnage to <u>match</u> the inspected deck	03-16	
Completion of Apprentice Mate (Steersman) Exam or course, route appropriate.  Note: There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-	officer endorsement (Example: Master 100 GRT inspected with Master T/V 100		
appropriate. <b>Note</b> : There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-			
<b>Note</b> : There is no equivalent or superior exam to remove the tonnage limitation on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-			
on the T/V Endorsement. The equivalent or superior exam only applies to those who have never held Master of T/V and have met grandfathering per NVIC 3-			
who have never held Master of T/V and have met grandfathering per NVIC 3-			
	who have never held Master of 1/V and have met grandfathering per NVIC 3-16, Enclosure (10)		

June 19, 2019 MCP-FM-NMC5-27 (12)

Requirements for Adding A	Route		
If holding an endorsement as Master T/V:	11.464		
90 days on requested route, appropriate TOAR and exam			
If holding an endorsement as Master Greater	Than 200 GRT:	11.464	
Western Rivers – 90 day of observation and training on t	towing vessels; AND		
WR TOAR; AND evidence of Apprentice Mate/Steersma			
<b>Inland</b> – 30 days of observation and training; AND Inland	d TOAR; AND		
evidence of Apprentice Mate Inland course/testing.			
Near Coastal/Oceans – 30 days of observation and traini			
TOAR; AND evidence of Apprentice Mate/Steersman NO	2/Oceans		
course/testing.  NOTE: Testing is only required for holders of Master gr	actor than 200 CDT if		
adding a superior route (Example: Holds Master 500 Inlan			
Near Coastal).	nd, adding Musici 17 v		
GRANDFATHERING OPTION		46 CFR	
See Grandfathering of Towing Checklist for alternate path	hs		
Other Requirements			
Other Requirements		Reference:	
First Aid (completed within 1 year)	(original issue)	11.201	
First Aid (completed within 1 year) CPR (must be valid)	(original issue)	11.201 11.201	
First Aid (completed within 1 year)  CPR (must be valid)  For All Routes - Approved Basic Fire Fighting Course with the course	(original issue) ithin 5 years of	11.201	
First Aid (completed within 1 year)  CPR (must be valid)  For All Routes - Approved Basic Fire Fighting Course we application date (unless previously met) Valid STCW BT	(original issue) ithin 5 years of is acceptable.	11.201 11.201 11.201(h)(2)	
First Aid (completed within 1 year)  CPR (must be valid)  For All Routes - Approved Basic Fire Fighting Course was application date (unless previously met) Valid STCW BT For Oceans – Basic Fighting as noted above and Advanced	(original issue) ithin 5 years of is acceptable. ed Fire Fighting	11.201 11.201	
First Aid (completed within 1 year)  CPR (must be valid)  For All Routes - Approved Basic Fire Fighting Course was application date (unless previously met) Valid STCW BT For Oceans - Basic Fighting as noted above and Advance Course within 5 years of application date (unless previously met)	(original issue) ithin 5 years of is acceptable. ed Fire Fighting	11.201 11.201 11.201(h)(2)	
First Aid (completed within 1 year)  CPR (must be valid)  For All Routes - Approved Basic Fire Fighting Course we application date (unless previously met) Valid STCW BT  For Oceans - Basic Fighting as noted above and Advance Course within 5 years of application date (unless previous Advanced Firefighting is acceptable	(original issue) ithin 5 years of is acceptable. ed Fire Fighting sly met) Valid STCW	11.201 11.201 11.201(h)(2) 11.201(h)(3)	
First Aid (completed within 1 year)  CPR (must be valid)  For All Routes - Approved Basic Fire Fighting Course with application date (unless previously met) Valid STCW BT  For Oceans - Basic Fighting as noted above and Advance Course within 5 years of application date (unless previously Advanced Firefighting is acceptable  The "unless previously held" noted above for firefighting	(original issue) ithin 5 years of is acceptable. ed Fire Fighting sly met) Valid STCW	11.201 11.201 11.201(h)(2)	
First Aid (completed within 1 year)  CPR (must be valid)  For All Routes - Approved Basic Fire Fighting Course with application date (unless previously met) Valid STCW BT  For Oceans - Basic Fighting as noted above and Advance Course within 5 years of application date (unless previously Advanced Firefighting is acceptable  The "unless previously held" noted above for firefighting exceptions to Basic and/or Advanced Firefighting requires	(original issue) ithin 5 years of is acceptable. ed Fire Fighting sly met) Valid STCW  covers most ments. See NVIC 03-	11.201 11.201 11.201(h)(2) 11.201(h)(3)	
First Aid (completed within 1 year)  CPR (must be valid)  For All Routes - Approved Basic Fire Fighting Course with application date (unless previously met) Valid STCW BT  For Oceans - Basic Fighting as noted above and Advance Course within 5 years of application date (unless previously Advanced Firefighting is acceptable  The "unless previously held" noted above for firefighting exceptions to Basic and/or Advanced Firefighting requires 16, Enclosure (10) for all exceptions if firefighting not metals.	(original issue) ithin 5 years of is acceptable. ed Fire Fighting sly met) Valid STCW  covers most ments. See NVIC 03-	11.201 11.201 11.201(h)(2) 11.201(h)(3)	
First Aid (completed within 1 year)  CPR (must be valid)  For All Routes - Approved Basic Fire Fighting Course with application date (unless previously met) Valid STCW BT  For Oceans - Basic Fighting as noted above and Advance Course within 5 years of application date (unless previously Advanced Firefighting is acceptable  The "unless previously held" noted above for firefighting exceptions to Basic and/or Advanced Firefighting requires 16, Enclosure (10) for all exceptions if firefighting not metal.	(original issue) ithin 5 years of is acceptable. ed Fire Fighting sly met) Valid STCW  covers most ments. See NVIC 03-	11.201 11.201 11.201(h)(2) 11.201(h)(3)	
First Aid (completed within 1 year)  CPR (must be valid)  For All Routes - Approved Basic Fire Fighting Course with application date (unless previously met) Valid STCW BT  For Oceans - Basic Fighting as noted above and Advance Course within 5 years of application date (unless previously Advanced Firefighting is acceptable  The "unless previously held" noted above for firefighting exceptions to Basic and/or Advanced Firefighting requires 16, Enclosure (10) for all exceptions if firefighting not metals.  EXAMS  See Exam Guide	(original issue) ithin 5 years of is acceptable. ed Fire Fighting sly met) Valid STCW covers most ments. See NVIC 03- et or submitted	11.201 11.201 11.201(h)(2) 11.201(h)(3) NVIC 03-16	
First Aid (completed within 1 year)  CPR (must be valid)  For All Routes - Approved Basic Fire Fighting Course with application date (unless previously met) Valid STCW BT  For Oceans - Basic Fighting as noted above and Advance Course within 5 years of application date (unless previously Advanced Firefighting is acceptable  The "unless previously held" noted above for firefighting exceptions to Basic and/or Advanced Firefighting required 16, Enclosure (10) for all exceptions if firefighting not metals.  EXAMS  See Exam Guide  Course completion certificate in lieu of Coast Guard examples.	(original issue) ithin 5 years of is acceptable. ed Fire Fighting sly met) Valid STCW covers most ments. See NVIC 03- et or submitted	11.201 11.201 11.201(h)(2) 11.201(h)(3) NVIC 03-16	
First Aid (completed within 1 year)  CPR (must be valid)  For All Routes - Approved Basic Fire Fighting Course with application date (unless previously met) Valid STCW BT  For Oceans - Basic Fighting as noted above and Advance Course within 5 years of application date (unless previously Advanced Firefighting is acceptable  The "unless previously held" noted above for firefighting exceptions to Basic and/or Advanced Firefighting requires 16, Enclosure (10) for all exceptions if firefighting not metals.  EXAMS  See Exam Guide	(original issue) ithin 5 years of is acceptable. ed Fire Fighting sly met) Valid STCW covers most ments. See NVIC 03- et or submitted	11.201 11.201 11.201(h)(2) 11.201(h)(3) NVIC 03-16	

Note: 11.463 (f) Deck officers serving on the following seagoing vessels must hold the appropriate STCW endorsement.

- (1) A towing vessel on an oceans voyage operating beyond near-coastal waters.
- (2) A towing vessel on an international voyage.
- (3) A towing vessel of 200 GRT or more on a domestic, near-coastal voyage

<b>Comments:</b>						
	<u> </u>	<u> </u>	_	<u> </u>	_	

June 19, 2019 MCP-FM-NMC5-27 (12)