



RAISE IN GRADE VS. MODIFICATION TABLES

Objective & Background:

The document is for use throughout NMC, RECs included, for the purpose of creating consistency when determining whether an application is a Raise in Grade or Modification.

Modification is also known as Removal of Limitation *or* Increase in Scope.

The document includes three tables: Deck Officer, Engine Officer, and Ratings. The tables take into consideration Marine Safety Manual (MSM) Volume III Part A Chapter 1 Figures 1-2 and 1-3, on pages A1-21 and A1-22, while speaking to endorsements that did not exist at the time the MSM table was created.

The tables were put together by subject matter experts from NMC-0, NMC-1, NMC-4, and NMC-5.

For deck officers, refer to the [Deck Officer Table](#).

For engine officers, refer to the [Engine Officer Table](#).

For ratings, refer to the [Ratings Table](#).

Deck Officer Credential Held

Credential Applied For	Upper Level				Lower Level										Lower Level NMT 200			Towing				
	Master Unlimited	Chief Mate	2nd Mate	3rd Mate	Master 500/1600	Mate 500/1600	Master UFIV	Mate UFIV	Master OSV NMT 10,000	Chief Mate OSV NMT 10,000	Mate OSV	First Class Pilot	Offshore Installation Manager (OIM)	Barge Supervisor (BS)	Ballast Control Operator (BCO)	Master (including LTD Master)	Mate	Operator Of Uninspected Passenger Vessels (OUPV) (including LTD OUPV)	Apprentice Mate	Mate Pilot	Master	Limited Master T/V
Master Unlimited		R			R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Chief Mate			R		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
2nd Mate				R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3rd Mate					R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Master 500/1600		R	R	R		R	I	R	I	R	R	I	R	R	R	R	R	R	R	R	I	R
Mate 500/1600							I	I	I	I	I	R	I	I	I	R	R	R	R	I	I	R
Master NMT 200 (incl. LTD Master)		R	R	R		R	I	R	I	R	R	I	R	R	I	R	R	R	R	R	I	I
Mate NMT 200							I	I	I	I	I	R	I	I	I	I	I	R	R	I	I	I
Master OSV NMT 10,000	I	R	R	R	I	R	I	R	I	R	R	R	I	R	R	R	R	R	R	R	I	R
Chief Mate OSV NMT 10,000			R	R	I	R	I	I	I	I	R	R	I	I	I	R	R	R	R	I	I	R
Mate OSV	I	I	I	I	I	I	I	I	I	I		R	I	I	I	R	R	R	R	I	I	R
Master UFIV	I	R	R	R	I	R		R	I	R	R	R	I	R	R	R	R	R	R	R	I	R
Mate UFIV		I	I	I	I	I			I	I	I	R	I	I	I	R	R	R	R	I	I	R
First Class Pilot	I	I	I	I	R	R	R	R	R	R	R		R	R	R	R	R	R	R	R	I	R
OIM	I	I	I	I	I	I	I	I	I	I	I	R	I	R	R	R	R	R	R	R	I	R
BS	I	I	I	I	I	I	I	I	I	I	I	R	I	I	R	R	R	R	R	I	I	R
BCO	I	I	I	I	I	I	I	I	I	I	I	R	I	I	I	R	R	R	R	I	I	R
Apprentice Mate							I	I	I	I	I	R	I	I	I	I	I	R	I	I	I	I
Mate Pilot	I	I	I	I	I	I	I	I	I	I	I	R	I	I	I	I	R	R	R	I	I	I
Master of Tow	I	R	R	R	I	R	I	R	I	R	R	R	I	R	R	R	R	R	R	R	I	I

Deck Officer Credential Held																						
Credential Applied For	Upper Level				Lower Level										Lower Level NMT 200			Towing				
	Master Unlimited	Chief Mate	2nd Mate	3rd Mate	Master 500/1600	Mate 500/1600	Master UFIV	Mate UFIV	Master OSV NMT 10,000	Chief Mate OSV NMT 10,000	Mate OSV	First Class Pilot	Offshore Installation Manager (OIM)	Barge Supervisor (BS)	Ballast Control Operator (BCO)	Master (including LTD Master)	Mate	Operator Of Uninspected Passenger Vessels (OUPV) (including LTD OUPV)	Apprentice Mate	Mate Pilot	Master	Limited Master T/V
Limited Master of T/V	I	I	I	I	I	R	I	R	I	I	I	R	R	I	I	I	I	I	R	R	I	I
OUPV (incl. LTD OUPV)							I	I	I	I	I	R	I	I	I	I	I	I	R	I	I	I
Assistance Tow							I	I	I	I	I	I	I	I	I	I	I	I				
Route Increase NC to OC or IN Adding GL	I	I	I	I	I	I	I	I	I	I	I				I	I	I	I	I	I	I	
Tonnage Increase Less Than 200 GRT															I	I						
Tonnage Increase > 200 GRT & < 1600 GRT					I	I	I	I	I	I	I				R	R						
Tonnage Increase > 1600 GRT	I	I	I	I			I	I	I	I	I				R	R		II	II	II	II	
Radar	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
Sail	I	I	I	I	I	I	I	I	I	I	I				I	I						
Route Increase GL/IN to NC/OC	I	I	I	I	I	I	I	I	I	I	I				I	I	I	I	I	I	I	
Route Increase Adding Western Rivers	I	I	I	I	I	I	I	I	I	I	I				I	I		I	I	I	I	

Note: Blank cells are situations in which that credential should not be applied for

I – Modification OR Removal of Limitation OR Increase in Scope (Including Endorsement – MSM Vol. III Fig. 1-2)

II – Removing tonnage on “towing”

R – Raise of Grade

(*) Adding H.S.C = I

(*) Adding Staff Officer/Radio Officer – Always pays Original fee per 46 CFR 10.219

Credential Applied For	Engine Officer Credential Held												
	Chief Engineer	1st A/E	2nd A/E	3rd A/E	Chief Engineer Limited	Assistant Engineer Limited	Chief Engineer OSV	Assistant Engineer OSV	Chief Engineer UFIV	Assistant Engineer UFIV	Chief Engineer MODU	Assistant Engineer MODU	Designated Duty Engineer
Chief Engineer		R	R	R	R	R	R	R	R	R	R	R	R
1st A/E			R	R	R	R	R	R	R	R	R	R	R
2nd A/E				R	R	R	R	R	R	R	R	R	R
3rd A/E					R	R	R	R	R	R	R	R	R
Chief Engineer Limited		R	R	R		R	I	R	I	R	I	R	I
Assistant Engineer Limited							I	I	I	I	I	I	I
Chief Engineer OSV		R	R	R	I	R		R	I	R	I	R	I
Assistant Engineer OSV					I	I			I	I	I	I	I
Chief Engineer UFIV		R	R	R	I	R	I	R		R	I	R	I
Assistant Engineer UFIV					I	I	I	I			I	I	I
Chief Engineer MODU		R	R	R	I	R	I	R	I	R		R	I
Assistant Engineer MODU					I	I	I	I	I	I			I
Designated Duty Engineer		I	I	I	I	I	I	I	I	I	I	I	
Horsepower Increase	I	I	I	I	I	I	I	I	I	I			I
Adding An Additional Propulsion	I	I	I	I	I	I	I	I					I

Note: Blank cells are situations in which that credential should not be applied for

**I – Modification OR Removal of Limitation OR Increase in Scope
(Including Endorsement – MSM Vol. III Fig. 1-3)**

R – Raise of Grade

(*) Adding H.S.C = I

(*) Adding Staff Officer/Radio Officer Always pays Original fee per 46 CFR 10.219

Credential Applied For	Rating Held						
	OS/Wiper/Steward	LB (any)	AB (any)	QMED	Tankerman (Asst) / Engineer	Tankerman PIC Barge	Tankerman PIC
LB (any)	I	I		I	I	I	I
AB (any)	R	R	I	R	R	R	R
QMED	R	R	R	I	R	R	R
Tankerman (Asst)	R	R	R	R	I	I	I
Tankerman PIC Barge	R	R	R	R	I		I
Tankerman PIC	R	R	R	R	I	I	
Add DL or LG					I	I	I
Add FH	I						

Note: Blank cells are situations in which that credential should not be applied for

**I – Modification OR Removal of Limitation OR Increase in Scope
(Including Endorsement – MSM Vol. III Figs. 1-2 & 1-3)**

R – Raise of Grade & DT is required