U.S. DEPARTMENT OF HOMELAND SECURITY U.S. COAST GUARD CG-719K Rev. (01-09)	Merchant Mariner Credential Medical Evaluation Report	OMB-1625-0040 Expires 6/30/2012				
 Detailed guidance on the medical and physical evaluation guidelines for merchant mariner credentials is contained in Navigational and Vessel Inspection Circular (NVIC) 4-08. 						
	tion is also available at the National Maritime Center (NMC) Homeport website at cg.mil/mmcmedical					
	tion can also be obtained from NMC at: Commanding Officer, National Maritime , WV 25404 or 1-888-I-ASK-NMC (1-888-427-5662)	Center, 100 Forbes				
	Who must submit this form?					
	ing an original, renewal or raise-in-grade credential are required to complete this aining the same information, and submit it to the U.S. Coast Guard.	form or its				
Guidance for re	quired submission of this form is contained in Enclosure (1) of NVIC 4-08.					
	Instructions for Applicants					
	equired to provide the applicant information in section I, medication information in nedical conditions in Section IV.	n Section III, and				
prosecution und	equired to sign and date the certification in section I of this form attesting, subjec ler 18 USC § 1001, that all information reported is true and correct to the best of not knowingly omitted or falsified any material information relevant to this form.					
Applicants should be a should be should be should be a should be a should be a should b	Id also complete the release in section II of this form.					
	Privacy Act Statement					
	United States Code (U.S.C) 552a(e)(3), the following information is provided when on the United States Coast Guard.	en supplying				
1. Authority for solicitation of the information: 46 U.S.C. 2104(a), 7101[c]-(e), 7306(a)(4), 7313[c](3), 7317(a), 8703(b), 9102(a)(5).						
 Principal purposes for which information is used: To determine if an applicant is physically capable of performing their duties. To ensure that a duly licensed or certified Physician (MD or DO) / Physician Assistant / Nurse Practitioner conducts the applicant's physical examination/certification and to verify the information as needed. 						
 The routine uses which may be made of this information: a. This form becomes a part of the applicant's file as documentary evidence that regulatory physical requirements have been satisfied and that the applicant is physically competent to hold a credential. b. The information becomes part of the total credential file and is subject to review by Federal agency casualty investigators. c. This information may be used by the United States Coast Guard and an Administrative Law Judge in determining causation of marine casualties and appropriate suspension and revocation action. 						
4. Disclosure of credential.	this information is voluntary, but failure to provide this information will result in no	on-issuance of a				
An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The United States Coast Guard estimates that the average burden for completing this form is 20 minutes. You may submit any comments concerning the accuracy of this burden estimate or any suggestions for reducing the burden to the Commandant (CG-543) United States Coast Guard. 2100 2nd Street SW. Washington, DC 20593-0001.						

General Instructions for Medical Practitioner

- 1. The Coast Guard requires a physical examination and certification be completed to ensure that mariners:
 - Are of sound health.
 - ▶ Have no physical limitations that would hinder or prevent performance of duties (see below).
 - Are free from any medical conditions that pose a risk of sudden incapacitation, which would affect operating, or working on vessels.
- 2. The medical practitioner must ensure a complete history and physical are conducted and make recommendations as to the fitness of the applicant. Final approval of the mariner's status rests with the U.S. Coast Guard.
- 3. All examinations, tests and demonstrations must be performed, witnessed or reviewed by a physician (Medical Doctor (MD) or Doctor of Osteopathy (DO)) or nurse practitioner or a certified physician assistant licensed by a State in the U.S., a U.S. possession, or a U.S. territory. The verifying medical practitioner (VMP) who performed the examination must complete sections III, IV, VII, VIII, and IX of this form.
- 4. Detailed guidelines on medical conditions subject to further review are contained in NVIC 4-08 encl (3). Medical practitioners should be familiar with the guidelines contained within this document. NVIC 4-08 may be obtained from <u>http://www.uscg.mil/hq/cg5/nvic/2000s.asp#2008</u> or by calling the nearest USCG Regional Examination Center, or the National Maritime Center (<u>http://homeport.uscg.mil/mmcmedical</u>) at 1-888-IASKNMC (1-888-427-5662).
- 5. Verification of medications in section III of this form includes questioning the applicant about any medications or other substances reported, reviewing relevant medical conditions to determine if the applicant has omitted any medications or other substances, and affirmatively reporting any omitted current medications or other substances where required.
- 6. All applicants who require a general medical examination must be physically examined by the verifying medical practitioner.
- 7. The verifying medical practitioner is not required to perform or witness every examination, test or demonstration. These may be referred to other qualified practitioners; however, they must be reviewed to the satisfaction of the verifying medical practitioner. The last page of this form contains a certification that the general medical examination, vision and hearing tests, as well as the physical demonstration of competence as appropriate, have been performed, witnessed or reviewed to the satisfaction of the verifying medical practitioner. Applicants who are required to complete a general medical examination are also required to complete vision tests, and they may be required to complete hearing tests and/or demonstrations of physical competence as appropriate. The verifying medical practitioner must sign and date the certification where indicated. This signature attests, subject to criminal prosecution under 18 USC § 1001, that all information reported by the verifying medical practitioner is true and correct to the best of his/her knowledge and that the verifying medical practitioner has not knowingly omitted or falsified any material information relevant to this form.
- 8. If the verifying medical practitioner is unable to determine the applicant's physical ability, the applicant should be referred to another healthcare provider who can properly evaluate and test physical abilities.

Instructions for Providing Proof of Identity

Applicants shall present acceptable proof of identity to the medical practitioner conducting examinations.

- Medical practitioners must verify the identity of applicants before conducting examinations.
- Proof of identity shall consist of one current form of valid government issued photo identification.
- The following credentials are examples of acceptable proof of identity:

Unexpired official identification issued by a federal, State, or local government or by a territory or possession of the United States, such as a passport, U.S. driver's license, U.S. military ID card or Merchant Mariner's Document/Merchant Mariner Credential.

Section I - Applicant Information							
Last Name:	First Name:		Middle Name:	Suffix: <i>(Jr., Sr., III)</i>			
Age:	Date of Birth (MM	//DD/YYYY):	Social Security Number:				
Арр	licant Certifica	tion (to be	signed by applicant)				
	My signature below attests, subject to prosecution under 18 USC 1001, that all information that I have reported is true and correct to the best of my knowledge, and that I have not knowingly omitted to report any material information relevant to this form.						
Date:	Printed Name:						
	Signature:						
How do you wish to be contacted?	(phone, e-mail, le	<i>tter, fax)</i> Plea	ase include contact information	below:			
	Sec	tion II – Re	lease				
I hereby authorize the verifying medical practitioner (VMP), who has signed the certification on page 9 of this form, to release to, or discuss with authorized Coast Guard personnel, any pertinent information in his/her possession regarding any physical or medical condition that may require review by the Coast Guard prior to determining whether the Coast Guard should issue a credential(s) for maritime service.							
I understand that this authorization is voluntary. I also understand that failure to provide authorization could affect the Coast Guard's ability to make a timely determination as to whether the Coast Guard should issue me a credential(s) for maritime service. This authorization will remain in effect until the Coast Guard determines whether to issue me the requested credential(s) for maritime service, but no longer than one year.							
I have read and understand the following statement about my rights:							
I may revoke this authorization at any time prior to its expiration date by notifying the verifying medical practitioner in writing, but the revocation will not have any effect on any actions taken before they received the notification.							
Upon request, I may see or copy the information described in this release.							
I am not required to sign this release to receive my medical evaluation.							
Applicant:		Signature:		Deter			
Name (Printed):		Date:					

Section III - Medications (must be completed by applicant and reviewed by verifying medical practitioner)

Credential applicants who are required to complete a general medical exam are required to report all prescription medications prescribed, filled or refilled and/or taken within 30 days prior to the date that the applicant signs the CG-719K or approved equivalent form. In addition, all prescription medications, and all non-prescription (over-the-counter) medications including dietary supplements and vitamins, that were used for a period of 30 or more days within the last 90 days prior to the date that the applicant signs the CG-719K or approved equivalent form, must also be reported.

The information reported by the applicant must be verified by the verifying medical practitioner or other qualified medical practitioner to the satisfaction of the verifying medical practitioner to include the following two items.

- 1. Report all medications (prescription and non-prescription), dietary supplements, and vitamins.
- 2. Include dosages of every substance reported on this form, as well as the condition for which each substance is taken.

Additional sheets may be added by the applicant and/or qualified medical practitioner if needed to complete this section *(include applicant name and date of birth on each additional sheet).*

If none, check "NONE."

NONE

Section IV - Certification of Medical Conditions (must be completed by applicant and reviewed by verifying medical practitioner)

Applicants must report their relevant medical conditions to the best of their knowledge, and the verifying medical practitioner must verify the medical conditions, using the table below. Check "yes" if the applicant has had a previous diagnosis or treatment of the condition by a healthcare provider, or if the applicant is currently under treatment or observation for the condition, or if the condition is present regardless of treatment.

If the verifying medical practitioner, or any other health care provider to the satisfaction of the verifying medical practitioner, discovers a condition not reported by the applicant, he/she must check "yes" in the appropriate block and explain in the remarks.

The verifying medical practitioner must address all reported relevant conditions in detail in this Section. This detailed explanation should include, at a minimum, identification of the condition, approximate date of diagnosis, any limitations, whether the condition is controlled, the prognosis and any additional information as appropriate, referring to the evaluation data listed in enclosure (3) of NVIC 4-08 for each condition.

Additional sheets may be added by the applicant and/or verifying medical practitioner if needed to complete this section of the form. *(include applicant name and DOB on each additional sheet).*

To the best of the applicant's knowledge, does the applicant have, or have ever suffered from, any of the following?

If YES, the applicant must PROVIDE THE TEST RESULTS AND/OR RECORDS AS INDICATED, referring to the evaluation data listed in enclosure (3) of NVIC 4-08 for each condition. Documentation of evaluation data specified in this table for all applicable medical conditions potentially requiring further review should be submitted with each application, unless otherwise specified by the NMC. Mariners, including first class pilots and those individuals "serving as" pilots (as well as Great Lakes pilots) who are required to submit annual physical examinations to the Coast Guard, may be issued a letter by the NMC specifying the extent of the evaluation data, if any, that should be submitted to the Coast Guard for any medical conditions that have been previously reported to, and evaluated by, the NMC.

The verifying medical practitioner shall make comments on all answers marked "yes" on the following page for which no evaluation data has been submitted. If known to the VMP, the VMP may comment that a condition has been previously reported on a prior CG-719K, but only for those CG-719Ks submitted after December 31, 2008, and only for those conditions which have not changed since the condition was previously reported on a prior CG-719K

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Condition #

Comment

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Pulmonary embolus or blood clots

Gastrointestinal bleeding or ulcers

Gallbladder problems or stones

Hemophilia or polycythemia

Any other blood disorders

Lymphoma or leukemia

Hepatitis or jaundice

Intestinal surgery

Thyroid disease

Anemia

Diabetes

HIV or AIDS

Tuberculosis

Scleroderma

Lupus

Neurofibromatosis

Skin tumors or cancer

Kidney transplant or dialysis

Kidney disease or cancer

Any form of cancer

Crohn's disease or ulcerative colitis

1. 2.

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	Identify	the Co	onditio	n 3.	Is Condition Co	ntrolle	d?		5.	Prognosis
	List Any	Limit	ations	4.	Approximate Da	ate of [Diagnos	sis	6.	Additional Information
		YES	NO				YES	NO		
	1.			Ear surgery,		45.			Kidney s	tones
	2.			Hearing loss, he	aring aid	46.			Protein/s	sugar/blood in urine
	3.			Impaired speec	n or stuttering	47.			Back su	rgery or injury
	4.			Deformities of fa	ice	48.			Rupture	d/herniated disc
	5.			Open tracheost	omy	49.			Fracture	s requiring surgery
	6.			Poor vision		50.			Limitatio	n of any major joint
	7.			History of eye d	sease or injury	51.			Bone or	joint surgery
	8.			History of eye s	urgery	52.			Dislocate	ed joint
	9.			Abnormal color	vision	53.			Recurre	nt neck or back pain
	10.			Glaucoma		54.			Swollen	or painful joint
	11.			Asthma		55.			Arthritis	or bursitis
	12.			Emphysema or	COPD	56.			Trick or	locked knee
	13.			Collapsed lung/	oneumothorax	57.			Amputat	ion or prosthesis
	14.			Irregular heart b	eat	58.			Carpal to	unnel
	15.			Heart murmur o	r valve replacement	59.			Difficulty	walking or climbing
	16.			Chest pain or a	ngina	60.			Sciatica	or nerve pain
	17.			Heart attack/ my	ocardial infarction	61.			Other bo	one/joint disorder
	18.			Congestive hea	rt failure	62.			Motion/s	ea sickness
	19.			Heart surgery/st	ent/angioplasty	63.			Impaired	I balance, or balance disorder or difficulty
	20.			Pacemaker or d	efibrillator	64.			Vertigo d	or dizziness
	21.			Any other heart	condition	65.			Numbne	ss or paralysis
	22.			High blood pres	sure/hypertension	66.			Head inj	ury or skull fracture
	23.			Aneurysm or blo	ockages	67.			Seizures	or epilepsy

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Recurrent headaches

Fainting spells or loss of consciousness

Other brain or nerve disease

ADD, ADHD, or bipolar

History of suicide attempt

Alcohol or substance abuse

Loss of memory or amnesia

Bedwetting since age 12

Other psychiatric disease or counseling

Any other disease, surgery or hospitalization

Narcolepsy

Sleep apnea

Restless leg

Stroke or TIA

Brain tumor

Depression

Anxiety

Schizophrenia

Sleepwalking

Sex change

Allergic reactions

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Section V (a) – Visual Acuity This section must be completed by the verifying medical practitioner, or any other healthcare provider to the satisfaction of the verifying medical practitioner see encl 5 of NVIC 4-08. Additional information must be reported in Section VII. If corrective lenses are required to meet the standard, both corrected and uncorrected vision must be tested. **Distant Uncorrected** Distant Corrected To **Field of Vision** Normal Right: 20 Right: 20 This applicant must have a **100**-degree 1 1 horizontal field of vision. Abnormal 1 Left: 20 1 Left: 20 Section V (b) – Color Vision The following color sense testing methodologies are Titmus Vision Tester / OPTEC 2000 – (No errors on six acceptable: plates) AOC (1965) – (6 or fewer errors on plates 1-15) Farnsworth Lantern (colored lights) Test per instruction AOC-HRR (2nd Edition) – (No errors in test plates 7-11) booklet. Richmond (1983) – (6 or fewer errors) Optec 900 (colored lights) Test per instruction booklet. Ishihara pseudoisochromatic plates test, 14 plate (5 or An alternative test approved by the Coast Guard less errors), 24 plate (6 or less errors) 38 plate (8 or (indicate test) less errors) The verifying medical practitioner must indicate test used and results (number of errors). Additional information must be reported in Section VII. Color sensing lenses (e.g. X-Chrome) are prohibited. Color Vision: Normal Color Vision Abnormal Color Vision Number of Errors Section VI – Hearing Abnormal Hearing Normal Hearing Aid Required If abnormal hearing or hearing aid required, perform audiogram or functional speech discrimination test. An applicant with normal hearing does not need to complete either the audiometer test or the functional speech discrimination test. The verifying medical practitioner, in consultation with any other healthcare provider he/she deems appropriate, determines whether the audiometer and/or functional speech discrimination tests are necessary. If hearing is abnormal or a hearing aid is required, refer to enclosure (5) of NVIC 4-08 for guidance. If audiometric testing is required, the audiometer test should include testing at the following thresholds, 500Hz, 1,000 Hz, 2,000 Hz and 3000 Hz. The frequency responses for each ear are averaged to determine the measure of an applicants hearing ability. The Applicant should demonstrate an unaided threshold of 30dB in each ear. Additional information must be reported in Section VII. Audiometer Threshold Value 500Hz 1,000Hz 2.000Hz 3,000Hz Right Ear (Unaided) Left Ear (Unaided) Right Ear (Aided) Left Ear (Aided) **Functional Speech** Right Ear (Unaided): % Right Ear (Aided) % Discrimination Test @ 55dB Left Ear (Unaided): % Left Ear (Aided) %

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Section VII (a) - Physical Information

This section to be completed by the verifying medical practitioner, or other medical staff to the satisfaction of the verifying medical practitioner. Additional information must be reported in Section VII.

Height (inches only):	Weight <i>(lbs):</i>	Body Mass	Index <i>(BMI):</i>	Gender:
Pulse Resting:	Initial Blood Pressure:		Repeat Blood	Pressure (if needed):

Section VII (b)- Physical Exam (must be completed by verifying medical practitioner)							
#	Normal	Abnormal	System/Organ	#	Normal	Abnormal	System/Organ
1.			Head, Face, Neck, Scalp	10.			Skin
2.			Eyes / Pupils / EOM	11.			Lymphatic
3.			Mouth And Throat	12.			Neurologic
4.			Ears / Drums	13.			Vascular System
5.			Lungs And Chest	14.			Genital-Urinary System
6.			Heart	15.			Hernia
7.			Abdomen	16.			Missing extremities / Digits
8.			Upper / Lower Extremities	17.			General / Systemic
9.			Spine / Musculoskeletal				

Please make numbered comments on abnormal systems/organs:

Section VIII - Demonstration of Physical Ability (to be completed by the verifying medical practitioner)

- If the examining medical practitioner doubts the applicant's ability to meet the guidelines contained within this table, and for all applicants with a Body Mass Index (BMI) of 40.0 or higher, the practitioner shall require that the applicant demonstrate the ability to meet the guidelines. This does not mean, for example, that the applicant must actually don an exposure suit, pull an uncharged 1.5 inch diameter 50' fire hose with nozzle to full extension, or lift a charged 1.5 inch diameter fire hose to fire fighting position. Rather, the medical practitioner may utilize alternative measures to satisfy himself or herself that the applicant possesses the ability to meet the guidelines in the third column. A description of the methods utilized by the medical practitioner should be reported in Section IX.
- All practical demonstrations, if required, should be performed by the applicant without assistance. Any prosthesis normally worn by the applicant, and other aid devices, may be used by the applicant in all practical demonstrations except when the use of such items would prevent the proper wearing of mandated personal protection equipment (PPE).

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- If the verifying medical practitioner is unable to conduct the practical demonstration, the applicant should be referred to a competent evaluator of physical ability. The Coast Guard recognizes that all medical practitioners may not have the equipment necessary to test all of the tasks as listed. Equivalent alternate testing methodologies may be used. For further information, see enclosure (2) of NVIC 4-08.
- If the applicant is unable to perform any of the following functions, the examining practitioner should provide information on the degree or the severity of the applicant's inability to meet the standards. The results of any practical demonstration or attendant physical evaluation should be recorded in the Section IX.

	a evaluation should be recorded in the Sec	d emergency response shipboard functions:
Shipboard Tasks, function, event or condition:	Related Physical Ability:	The examiner should be satisfied that the applicant:
Routine Movement on slippery, uneven, and unstable surfaces.	Maintain Balance (equilibrium).	Has no disturbance in sense of balance.
Routine access between levels.	Climb up and down vertical ladders and stairways.	Is able, without assistance, to climb up and down vertical ladders and stairways.
Routine movement between spaces and compartments.	Step over high door sills and coamings, and move through restricted accesses.	Is able without assistance, to step over a door sill or coaming of 24 inches (61 centimeters) in height. Able to move through a restricted opening of 24 inches.
Open and close watertight doors, hand cranking systems, open/close valve.	Manipulate mechanical devices using manual and digital dexterity, and strength.	Is able, without assistance, to open and close watertight doors that may weigh up to 55 pounds (25 kilograms). Should be able to move hands/arms to open and close valve wheels in vertical and horizontal directions; rotate wrists to turn handles. Reach above shoulder height.
Handle ship's stores.	Lift, pull, push, and carry a load.	Is able, without assistance, to lift at least a 40 pound (18.1 kilogram) load off the ground, and to carry, push or pull the same load.
General vessel maintenance.	Crouch (lowering height by bending knees); kneel (placing knees on ground); and stoop (lowering height by bending at the waist). Use hand tools such as spanners, valve wrenches, hammers, screwdrivers, pliers.	Is able, without assistance, to grasp, lift and manipulate various common shipboard tools.
Emergency response procedures, including escape from smoke- filled spaces.	Crawl (the ability to move the body with hands and knees); feel (the ability to handle or touch to examine or determine differences in texture and temperature).	Is able, without assistance, to crouch, keel and crawl, and to distinguish differences in texture and temperature by feel.
Stand a routine watch.	Stand a routine watch.	Is able, without assistance, to intermittently stand on feet for up to four hours with minimal rest periods.
React to visual alarms and instructions, emergency response procedures.	Distinguish an object or shape at a certain distance.	Fulfills the eyesight standards for the merchant mariner credential(s) applied for. See footnote 1 of this table & enclosure (5) of NVIC 4-08.
React to audible alarms and instructions, emergency response procedures.	Hear a specified decibel (dB) sound at a specified frequency.	Fulfills the hearing capacity standards for the merchant mariner credential(s) applied for.
Make verbal reports or call attention to suspicious or emergency conditions.	Describe immediate surroundings and activities, and pronounce words clearly.	Is capable of normal conversation.
Participate in firefighting activities.	Be able to carry and handle fire hoses and fire extinguishers.	Is able, without assistance, to pull an uncharged 1.5 inch diameter, 50' fire hose with nozzle to full extension, and to lift a charged 1.5 inch diameter fire hose to fire fighting position.
Abandon ship.	Use survival equipment.	Has the agility, strength and range of motion to put on a personal flotation device and exposure suit without assistance from another individual.

Date of Birth:_____

Section IX – Verifying Medical Practitioner Recommendation							
Recommended Competent	Not Recommended C	ompetent <i>(explain in comment</i> s)	Needing Further Review (explain in comments)				
Comments on Recommendation:							
Verifying Medical Practi	tioner:						
medical practitioner is true	oject to criminal prosecution under 1 e and correct to the best of his/her k ied any material information relevar	nowledge and that the verify					
Name (Printed):		Signature:					
		Date:					
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U.S. Dept. of Homeland Security, USCG, CG-719K, Rev. 01-09