

Annexure A

APPLICATION TO REGISTER A LEARNERSHIP



Documents to accompany this application form:

- The relevant SAQA qualification document downloaded from the SAQA website.
- If the applying SETA is not the accredited ETQA for the qualification associated with the learnership, proof of adequate arrangements with the relevant ETQA must be attached.

Learnership registration number : _____
Learnership registration date: _____
Learnership review date: _____
SETA responsible for learnership: _____
ETQA accredited for qualification associated with the learnership: _____
(For official use only)

1. SETA information

- 1.1 Name of SETA: ___ TETA
- 1.2 Name of Chamber (if applicable): _____ Maritime
- 1.3 Details of SETA official responsible for preparing the application
 - 1.3.1 Name: _____
 - 1.3.2 Telephone number: _____
- 1.4 SETA's telephone number: _____
- 1.5 SETA's fax number: _____
- 1.6 SETA's postal address: _____

- 1.7 SETA's e mail address: _____

2. Qualification information

- 2.1 Title of qualification associated with the learnership:
National Certificate: Fishing Operations
- 2.2 SAQA qualification ID number: 58433
- 2.3 NQF level: Level 2
- 2.4 Expiry date of the qualification: 2010-06-14
- 2.5 Minimum number of credits of the qualification: 120
- 2.6 Entry level requirements for the qualification: n.a.
- 2.7 Name of ETQA accredited for the qualification: TETA

3. Learnership information

- 3.1 Is this an application to register a new learnership or to replace an existing learnership?

(tick relevant box)

3.1.1 new learnership

3.1.2 learnership to replace an existing learnership

- 3.2 If replacing an existing learnership, indicate the following:

3.2.1 Name of existing learnership: n.a.

3.2.2 Number of existing learnership: n.a.

- 3.3 Learnership title: Fishing Operations Level 2 – Deck officer
- 3.4 Review date of the learnership:
- 3.5 Number of credits to be earned through the learnership: 129
- 3.6 Related occupation (as per Organising Framework for Occupations – OFO):
Deck Hand (Skill Level 2)
- 3.7 Occupation code (as per Organising Framework for Occupations – OFO):
899201

4. Learnership identification

4.1 How was the need for this learnership identified?

(tick the relevant box or boxes)

SETA sector skills plan

Skills plans from "adjacent" SETAs

SETA commissioned research

Workplace skills plans

Scarce skills list

Generally available research (specify): _____

Other (specify): _____

4.2 What needs will the learnership address?

- Shortage of SAMSA licensed fishing deck officers
 - Shortage of competent fishing deck officers
- Consolidating the following fishing sector specific competencies per learner :
- Deck watchkeeping and navigation
 - Deck safety
 - Trawler safety
 - Dealing with emergencies
 - Team work
 - Pollution control and environmental awareness
 - Maritime legislation
 - Fishing sector specific legislation

4.3 What is the specific purpose of the learnership?

The learner will achieve the current fishing sector SAMSA deck officer licensing requirement with the associated ancillary and industry sector specific competencies. This will enable the learner to be employed at sea in the deck / navigation department of a ship operating locally or internationally which confirms to SAMSA's licensing requirements or comparable international maritime legislation.

5 Learnership outline in case of unit standards based qualification

Occupation name	Deck Hand (Skill Level 2)				Occupation number	899201		
Learnership title	Fishing Operations Level 2 – Deck officer				Credit value of this learnership	129		
Qualification title	National Certificate: Fishing Operations				Qualification registration number	58433		
Qualification expiry date	2010-10-06	NQF registration level	2		Credit value of qualification	120		
ETQA accredited for qualification								
Purpose of the learnership	The learner will achieve the current fishing sector SAMSA deck officer licensing requirement with the associated ancillary and industry sector specific competencies							
Entry level requirements for the learnership	n.a.							
Unit Standard Title	US number	NQF Level	Credit value	Specific Outcomes for each Unit Standard	Percentage of learning at:		Specified Practical Workplace Experience Activities	Notional Hours
					Training Provider	Work Place		
Fundamental Unit Standards								
Access and use information from texts	119463	2	5	<ul style="list-style-type: none"> Use a range of reading and/or viewing strategies to make meaning of texts. Identify the main ideas in different text types. Read/view and respond to texts for a variety of purposes. Identify and discuss how language structures and features may influence a reader/audience. 	40	60	<ul style="list-style-type: none"> Deal with work related reporting e.g. deck watchkeeping logbook, fishing log Contribute vessel management reports e.g. safety reports Contribute to vessel or workplace logbook incident reports Contribute to departmental defect and repair reports 	50
Apply basic knowledge of statistics and probability to influence the use of data and procedures in order to investigate life related problems	9009	2	3	<ul style="list-style-type: none"> Apply various techniques to organise and represent data in order to model situations. Give opinions on the implications of the modelled data for the required purpose. 	40	60	<ul style="list-style-type: none"> Read and interpret organization reports relating to area of expertise e.g. fleet fishing reports, budget trend reports Contributing to compiling vessel specific information e.g. fish catches versus production, trip fishing patterns etc 	30

Demonstrate understanding of rational and irrational numbers and number systems	7480	2	3	<ul style="list-style-type: none"> • Use and analyse computational tools and strategies, and make estimates and approximations • Demonstrate understanding of numbers and relationships among numbers and number systems, and represent numbers in different ways. 	40	60	<ul style="list-style-type: none"> • Demonstrate knowledge and ability to use the appropriate technologies to perform calculations in areas of expertise e.g. tables, charts, navigational and fishing electronic aids. • Assist with performing calculations in area of expertise e.g. relating to vessel navigation, rates of consumption of consumables, fish hunting and fishing strategies 	30
Identify, describe, compare, classify, explore shape and motion in 2-and 3-dimensional shapes in different contexts	9008	2	3	<ul style="list-style-type: none"> • Estimate, measure and calculate physical quantities to solve problems in practical situations. • Explore transformations of two dimensional geometric figures. 	40	60	<p>Demonstrate knowledge and ability to perform the required calculations in areas of expertise e.g.</p> <ul style="list-style-type: none"> • When performing maintenance and repair work on fishing equipment e.g. measuring, making up and fitting trawl net panels, fitting bobbins and floats etc • When participating in navigation plotting and fish tracking activities 	30
Maintain and adapt oral/signed communication	119454	2	5	<ul style="list-style-type: none"> • Use a variety of strategies to maintain communication. • Adapt language to accommodate socio-cultural sensitivities without losing own meaning. • Use knowledge of language structures and conventions to shape or decode meaning of unfamiliar vocabulary or constructions. • Organise and present information in a focused and coherent manner. Identify and explain how speakers/signers influence audiences 	40	60	<p>Demonstrate knowledge and ability to demonstrate the required communication in areas of expertise e.g.</p> <ul style="list-style-type: none"> • Inducting new employees • Participating in voyage planning and review meetings • Supervising fishing gear handling activities • Conducting safety briefings • Conducting emergency drill briefings • Participating navigation and watchkeeping team management activities • Participating in fish hunting and fishing team management activities 	50

Use language and communication in occupational learning programmes	119460	2	5	<ul style="list-style-type: none"> • Find and use suitable learning resources • Use learning strategies • Manage occupational learning programme materials • Plan and gather relevant information for use in a given context • Function in a team • Reflect on how characteristics of the workplace and occupational context affect learning 	40	60	<ul style="list-style-type: none"> • Getting to know a new vessel by using resources available e.g. muster check lists, bunk cards, fellow seamen • Using appropriate resources to get to know navigational and watchkeeping procedures and practices e.g. standing orders, legislated publications, fellow seamen etc • Using appropriate resources to get to know equipment and technology in use during navigational and watchkeeping activities e.g. operator manuals, company specifications, fellow seamen etc • Using appropriate resources to get to know equipment and technology in use during fishing hunting and fishing activities e.g. operator manuals, company specifications, fellow seamen etc 	50
Use mathematics to investigate and monitor the financial aspects of personal and community life	7469	2	2	<ul style="list-style-type: none"> • Use mathematics to plan and control personal and/or household budgets and income and expenditure; • Use simple and compound interest to make sense of and define a variety of situations including investments, stokvels, inflation, appreciation and depreciation; Investigate various aspects of financial transactions including costs, prices, revenue, cost price, selling price, loss and profit. 	40	60	<ul style="list-style-type: none"> • Perform personal calculations in the workplace e.g. personal wages due based on work performed and commissions due • Perform personal calculations e.g. investment options and hire purchase loan or bonds arrangements regarding interest and term rates etc • Calculating personal leave and shore leave due based on periods of work performed • Contributing to calculating the daily volumes of various species of fish caught versus that processed 	20
Work with a range of patterns and functions and solve problems	9007	2	5	<ul style="list-style-type: none"> • Convert flexibly between and within various representations of functions. 	40	60	<ul style="list-style-type: none"> • Assists with chart work and navigational calculations • Assists with vessel stability calculations e.g. involving fuel consumption, the transferring of fuel and storage of fish being caught • Assists with fuel consumption versus vessel movement calculations 	50

Write/present for a defined context	119456	2	5	<ul style="list-style-type: none"> • Write/sign for a specific purpose, audience and context • Use grammatical structures and writing/signing conventions to produce coherent and cohesive texts for specific contexts • Adapt language to suit context • Draft and edit own writing/signing. 	40	60	<ul style="list-style-type: none"> • Participate in voyage planning meetings / discussions • Participate in fish hunting strategy sessions • Participate in fishing management discussions • Participate in crew consultation sessions e.g. regarding safety, working conditions etc • Participate in preparing voyage reports e.g. regarding fishing, vessel and crew performance, incidents 	50
TOTAL				25				
TOTAL							TOTAL	

Core Unit Standards								
Contribute to effective human relationships on board a vessel	114002	2	2	<ul style="list-style-type: none"> • Explain effective human relationships onboard a vessel. • Observe standards of work and behaviour onboard a vessel. • Resolve conflicts. 	30	70	<ul style="list-style-type: none"> • Contribute productivity to interactions with fellow crew members • Participate in crew management activities e.g. in terms of POLC, IR etc 	20
Demonstrate knowledge and understanding of safety techniques aboard ship	244006	2	2	<ul style="list-style-type: none"> • Explaining elementary safety matters, safety information symbols and alarm signals. • Explaining actions appropriate to a shipboard emergency signal in accordance with assigned duties. • Explaining actions to be taken in accordance with established emergency procedures, in the event of encountering a fire on board a ship. • Explaining immediate actions to be taken on encountering an accident or other medical emergency. • Explaining the operation of fire, weather-tight and watertight doors. 	30	70	<ul style="list-style-type: none"> • Providing specific back-up in Safety drills e.g. demonstrating the use of safety equipment, leading a search and rescue team • Conducting safety briefings and meetings • Conducting safety audits • Participating in safety planned maintenance e.g. operating emergency fire pumps • Checking for unsafe acts and conditions 	20
Describe and apply fire prevention and fire fighting aboard ship	243986	2	3	<ul style="list-style-type: none"> • Describing how to minimise the risk of fire and maintain a state of readiness to respond to emergency situations involving fire. • Demonstrating the use of ship-boarding fire-fighting equipment. • Extinguishing fires using the appropriate method, extinguishing medium, fire-fighting appliances and equipment. • Navigating safely through darkened, high-expansion foam filled compartment wearing a lifeline. • Navigating safely through a darkened, smoke-filled compartment wearing breathing apparatus. • Conducting a search and rescue in a darkened, smoke-filled compartment. 	30	70	<ul style="list-style-type: none"> • Providing specific back-up in fire drills e.g. explaining to use of various fire extinguishers for various situations • Contributing to fire equipment safety checks • Participate as fire fighting team member e.g. wearing the B.A. set • Supervising crew to avoid unsafe acts and unsafe conditions relating to fire starting on the trawler / workplace 	30

Handle a liferaft during an emergency	243987	2	8	<ul style="list-style-type: none"> • Explaining the different types of emergencies at sea and types of resources, equipment and methods to abandon ship. • Explaining ship abandonment procedures. Boarding a liferaft. • Explaining the management of survivors and liferaft after abandoning ship. 	30	70	<ul style="list-style-type: none"> • Providing specific back-up in Safety drills e.g. demonstrating the use of the life jacket, explaining the launching of the liferaft • Conducting safety briefings and meetings • Conducting safety audits e.g. location, condition and service record of emergency locating devices 	80
Provide risk-based primary emergency care/first aid in the workplace	120496	2	5	<ul style="list-style-type: none"> • Demonstrate the principles of primary emergency care. • Assess and control a single injury emergency scene in the workplace. • Demonstrate primary emergency life support for adults, children and infants. • Explain and manage shock. • Carry out secondary assessment of the sick or injured person and provide appropriate primary emergency care at the scene. • Keep records of the incident/accident. 	30	70	<ul style="list-style-type: none"> • Providing a specific role in emergency drills dealing with marine first aid incidents e.g. explaining the process of “dressing” of a bleeding wound • May participate as first aider in an emergency team • Supervising crew to avoid unsafe acts and unsafe conditions that may result in first aid being needed on the trawler / workplace 	50
Explain pollution control and safe working practices	243999	3	2	<ul style="list-style-type: none"> • Explaining the precautions required to prevent pollution to the Marine Environment. • Explaining the Code of Safe Working Practises for Fishermen. • Describing safety precautions on board ship. 	30	70	<ul style="list-style-type: none"> • Briefing the crew on the need for pollution control the related measures to be taken from day to day • Supervise the daily activities of crew to prevent situations that may result in pollution • Supervising crew to avoid unsafe acts and unsafe conditions in the trawler / workplace 	20

Respond to distress signals and emergencies at sea and in port	243989	3	3	<ul style="list-style-type: none"> • Explaining the measures to be taken in emergencies for the protection and safety of ship, passengers and crew. • Explaining how to respond to emergencies and distress signals at sea. • Responding to emergencies in port. • Explaining emergency steering systems. • Explaining the operation of the South African Search and Rescue (SASAR) organisation. 	30	70	<ul style="list-style-type: none"> • Brief crew on distress signals, emergencies at sea and in port and the related action • Assist with checking the emergency steering arrangements • Supervising crew to ensure readiness for emergencies in port and at sea 	30
			36					
TOTAL				TOTAL			TOTAL	

Elective Unit Standards								
Demonstrate a basic knowledge of commercial fishing methods	114929	2	4	<ul style="list-style-type: none"> Describe passive fishing methods Describe active fishing methods Describe commonly used electronic fish finding aids Describe how environmental features assist in the finding of fish 	20	80	<ul style="list-style-type: none"> Demonstrating the various fishing methods Demonstrating the use of the fish finding aids Demonstrate the ability to deal with the fish hunting activities 	40
Demonstrate an understanding of marine safety information	243993	2	3	<ul style="list-style-type: none"> Interpreting information. Explaining the different types of signals, means of transmission and action required. Using the International Code of Signals. 	20	80	<ul style="list-style-type: none"> Navigational publications and messages are interpreted relevant to the safety of the ship Navigational warnings are drafted as required Navigational warnings are generated according to standard operating procedures The International Code of Signals multiple letter flag signals are interpreted as required 	30
Explain and operate echo sounders, speed logs, global navigation satellite systems and electronic plotters	244002	2	4	<ul style="list-style-type: none"> Explaining navigational aids. Using a Global Navigation Satellite systems. Using Electronic Plotters as an aid to navigation. 	20	80	<ul style="list-style-type: none"> The ship's echo sounder is set up and used according to manufacturers instructions Precautions to be observed in use and accuracy to be interpreted from the various navigational aids is demonstrated The global navigational satellite system is set and uses demonstrated The electronic plotter is set and used as a navigational aid 	40
Identify current legislative and company procedures applicable to the Fishing Industry	115072	2	3	<ul style="list-style-type: none"> Identify current legislative and regulatory requirements, and company specific operating procedures applicable to a fishing vessel. Identify current legislative requirements applicable to marine resources. Identify and describe available fishing rights and application evaluation criteria. 	20	80	<ul style="list-style-type: none"> Demonstrate knowledge of the current legislative, regulatory requirements and related structures and company operating procedures applicable to the vessel's operating certificate Safety equipment required on the vessel in accordance with a vessel's operating certificate is identified. Demonstrate knowledge of the management of the marine resource as it relates to the company, vessel and crew Demonstrate knowledge of the different fishing right categories applicable to the company and vessel 	30

Operate radar equipment	243991	2	4	<ul style="list-style-type: none"> • Setting-up radar equipment. • Using radar as an aid to navigation. • Using radar for collision avoidance. 	20	80	<ul style="list-style-type: none"> • Switching on and setting up the vessels's radar is demonstrated • Using radar on the vessel as an aid to navigation is demonstrated • The use of the radar on the vessel for collision avoidance is demonstrated. 	40
Work on a deep sea commercial fishing vessel	244008	2	10	<ul style="list-style-type: none"> • Describing the relevant legislated documentation required by a crew member of a deep sea commercial fishing vessel. • Describing safe working practices on a deep sea commercial fishing vessel. • Following safe working procedures on a deep sea commercial fishing vessel. • Participating as a crew member of a deep sea commercial fishing vessel. 	20	80	<ul style="list-style-type: none"> • Deals with the relevant legislated documents required by the various crew members on the vessel • Deals with the safe working practice requirements on the vessel • Participates as a member of the crew in terms of the safe and effective conduct of the vessel and fishing operations 	100
Demonstrate an understanding of the Merchant Shipping Collision Regulations	244001	3	3	<ul style="list-style-type: none"> • Explaining the meaning and the terms contained in the International Regulations for Preventing Collisions at Sea 1972 Part A. • Explaining the conduct of vessels in any condition of visibility. Explaining the conduct of vessels in sight of each other. • Explaining the conduct of vessels in restricted visibility. • Explaining the required Lights and Shapes to be exhibited by different types of vessels. 	20	80	<ul style="list-style-type: none"> • Dealing with the conduct of vessels in any condition of visibility and the conduct of vessels in sight of each other. • Dealing with the conduct of vessels in restricted visibility. • Demonstrating knowledge of the required Lights and Shapes to be exhibited by different types of vessels. 	30

Demonstrate knowledge of vessel construction and stability	244010	3	8	<ul style="list-style-type: none"> • Identifying the principal parts and fittings of a vessel. • Describing vessel stability and safety terminology. • Explaining vessel stability and safety requirements. • Explaining stowage safety requirements. • Describing the types of vessels in operation. • Describing systems on a vessel. • Explaining the need to maintain the watertight integrity of the vessel. 	20	80	<ul style="list-style-type: none"> • Demonstrating the required knowledge of the principal parts and fittings of the vessel he is on. • Demonstrating the knowledge of the vessel's safe stability requirements. • Dealing with stowage safety requirements. • Identifying types of vessels in operation at sea. • Demonstrating the required knowledge of the systems on the vessel. • Dealing with the watertight integrity of the vessel. 	80
Explain and apply safety measures related to fishing operations, fishing gear and fish handling	243996	3	8	<ul style="list-style-type: none"> • Describing how to prepare a ship and equipment for a fishing operation. • Explaining the process of handling fishing gear. • Describing general safety during fishing operations. • Explaining the process of handling fishing gear and catch stowage. 	20	80	<ul style="list-style-type: none"> • Fishing gear is maintained, repaired, replaced and positioned as required for safe operation • Safety rules applicable to dangers caused by vessel's motion, slippery surfaces, fire prevention, fire hazards, and personal protection equipment are applied • Safe and proper catch and fishing gear stowage is supervised on the vessel. • Operation of ship's valves and offal chutes in order to seal spaces from water ingress is demonstrated practically. • Dill/bilge/factory deck pumps are operated to remove of water from areas in accordance with vessel procedures 	80

Follow safe deck practices on a commercial vessel	114006	3	10	<ul style="list-style-type: none"> • Describe and report vessel operational hazards to personnel, and to the environment. • Describe the International Collision Regulations. • Use safe working practices for general deck operation on commercial and fishing vessels. • Monitor tank levels for stability purposes. 	20	80	<ul style="list-style-type: none"> • Potential personal injury hazard situations are identified and dealt with • Hazards to vessel operation, and to the safety of the crew are identified and dealt with • Navigation lights, day shapes and requirements are identified and dealt with • Protective clothing and associated safety equipment are worn as required • Work activities are carried out as required • Participates as a team member in the event of a shipboard emergency to secure the vessel and its machinery and equipment and to maintain the safety of the vessel and persons involved • Soundings of tanks are taken, recorded and interpreted in general / basic terms of vessel stability 	10
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<p>Monitor and control the implementation of safe working practices on a fishing vessel</p>	<p>243992</p>	<p>3</p>	<p>3</p>	<ul style="list-style-type: none"> • Describing the legislation and safe working practices that are applicable on a fishing vessel. • Describing and applying basic safety principles and the philosophy of accident prevention. • Describing the roles and responsibilities of those employees involved in safety management on a fishing vessel. • Describing how routine inspections are conducted on a fishing vessel. • Describing how safety is implemented and conducted to specific investigations on a fishing vessel. • Describing the process of compiling and writing inspection and incident reports. • Describing the safety aspect review and follow up activities for the safety of fishing vessels. • Applying the requirements of the Merchant Shipping Act 57 of 1951 in respect to occupational safety on fishing vessels. 	<p>20</p>	<p>80</p>	<ul style="list-style-type: none"> • The application and implications of maritime legislation relating to safety on board ship is known • The consequences of poor safety standards and management, potential hazards and risks, causes of incidents and accidents, corrective and preventative measures on the vessel are known • The roles and responsibilities of the safety officer, safety committee, safety representative, safety appointee, employer and employee on the vessel are known and can be demonstrated • Routine inspections are conducted on a fishing vessel • How to conduct specific safety related investigations on a fishing vessel is known and can be demonstrated • The process of compiling and writing inspection and incident reports on a vessel is known and can be demonstrated. • The process of safety aspect review and follow up activities for the safety of fishing vessels is known and can be demonstrated. • The application of the requirements of the Merchant Shipping Act 57 of 1951 in respect to occupational safety on the vessel is known 	<p>30</p>
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Plan and conduct a safe coastal passage	243995	3	8	<ul style="list-style-type: none"> • Determining the ship`s position on a chart. • Determining safe courses between two positions on a chart. • Explaining the content, application and intent of the International Regulations for Preventing Collisions at Sea 2005. • Keeping a navigational watch. • Monitoring a passage along a planned route. 	20	80	<ul style="list-style-type: none"> • The ship`s position on a chart is determined considering such factors as : the difference between magnetic and true bearings, deviation and variation, information obtained from navigational charts and publications, potential navigational hazards accurately identified, potential aids to navigation accurately identified, the primary method of fixing the ship`s position is demonstrated to determine the most appropriate prevailing circumstances and conditions, the ship`s position is determined utilising Dead Reckoning • Safe courses between two positions on a chart are determined considering such factors as : hazards to navigation are identified and taken into account when plotting a safe passage, all buoyage is identified and interpreted, safe courses between two positions are determined, true courses are converted into magnetic and compass courses and vice versa making due allowance for gyro error, estimated time of arrival (ETA) is determined taking into account speed and other relevant factors • The content, application and intent of the International Regulations for Preventing Collisions at Sea 2005 as it pertains to the current vessel is demonstrated : lights and shapes especially those associated with fishing vessels are identified in terms of their roles in collisions and collision avoidance, potential navigational hazards are identified, collision avoidance actions are demonstrated. • Keeping a navigational watch is demonstrated • Monitoring a passage along a planned route is demonstrated 	80
			68					
TOTAL				TOTAL		TOTAL		

6 Learnership outline in case of non- unit standards based qualification

Occupation name				Occupation number		
Learnership title				Credit value of this learnership		
Qualification title				Qualification registration number		
Qualification expiry date		NQF registration level		Credit value of qualification		
ETQA accredited for qualification						
Purpose of the learnership _____						
Entry level requirements for the learnership _____						
Exit level outcomes	Specific theoretical learning outcomes	Notional Learning Hours	Percentage of learning at:		Specified Practical Workplace Experience Activities	Notional Learning Hours
			Training Provider	Work Place		
Year 1						
TOTAL						
Year 2						
TOTAL						
Year 3						
TOTAL						

7. Declaration by SETA

We declare that this application is a true and accurate reflection of the learnership, the qualification associated with the learnership and the rationale for the learnership.

Signed on this _____ day of _____ 20_____

at _____

SETA Executive Officer:

Name

Signature

ETQA Manager:

Name

Signature

Learnership Manager:

Name

Signature

