

DIRECTOR GENERAL PORTS & SHIPPING WING, KARACHI

The Director General of Ports & Shipping Wing is a part of Ministry of Ports & Shipping, located at Karachi. The functions of Ports & Shipping Wing are summarized as under:-

- a. Formulation and implementation of plan and policies in line with the changing technology according to international conventions and standards for improvement of ports & shipping and allied organizations;
- b. Technical and professional advice to Government on matters related to ports & shipping, maritime training and maritime affairs;
- c. Administers various Acts and Rules made there-under the maritime affairs.
- d. Training of Merchant Maritime Officers and Ratings (staff);
- e. Conducting Examination of Masters, Mates and Engineers and certification to internationally accepted standards;
- f. Promulgation of instructions for surveys, casualties inspection and standards for ships safety and operation and investigation into shipping casualties;
- g. Coordination with other Ministries;
- h. Supervision of sub-ordinate offices, attached departments and autonomous organizations of this Ministry.

Besides the Secretariat functions, this Wing also administratively controls safety aspects relating to maritime field and certifications of the Merchant Marine professionals, by conducting examinations of seafaring professionals.

Mercantile Marine Department (MMD)

Mercantile Marine Department (MMD) was established in 1930 as a part of maritime administration. It is headed by Principal Officer who is also a Registrar of Ships, Superintendent of Lighthouses and First Class Magistrate. The objectives of the department are to ensure safety of navigation and protection of marine environment through implementation of Merchant Shipping Ordinance, National Rules and International Conventions under section 3(1) of Merchant Shipping Ordinance 2001. It's activities during the year 2010-11 have been tabulated as under:-

<u>REVENUE RECEIPTS</u>	
Examination, Survey, Registration and Misc.	29,911,306
Light Dues	118,329,508
JOB	
<u>SURVEY AND INSPECTION</u>	
After loading of Merchant Ship/Craft	66
Container Stuffing of Dangerous Cargo	967
Examination of Structural Drawing	-
Fire Extinguisher/CO2 Weighment/Refilling/N.L/Workshop	20
Godown/Wharf (pre-loading) of Dangerous Cargo	1,120
Life Saving Appliance (LSA)/FFA of Foreign Country Craft	174
LSA/Fire Fighting Appliance (FFA) of Fishing Trawler/Boat	163
LSA/FFA of Motor Launch	136
LSA/FFA of Barge	22
Life Raft Servicing	35
Supervision of New Construction, Repairs etc. of Ship/Craft	65

ISSUANCE OF STATUTORY CERTIFICATES

Carving & Marking	5
Documents of Compliance	-
Exemption	4
Safety Equipment	10
Safety Radio	10
Safety Management	6
Safe Manning	4
Statement of Compliance	1

NOC FOR OUTWARD PORT CLEARANCE

Pakistan/Foreign Going Ship	3,438
Foreign Country Craft	224

ENDORSEMENT

Change of Master on Ship Registry	9
Inland Master under STCW-95	4
Inland Driver under STCW-95	2
Stowage Plan of Ship	3
Stowage Plan of Foreign Country Craft	55
Shipping Bill Endorsed for Dangerous Cargo	1,335
Shipping Bill Endorsed for Non-Dangerous Cargo	45
Tanker Endorsement	271
STCW Endorsement (Deck)	6

REGISTRATION

Ship	4
Motor Fishing Boat/Motor Launch/Steel Dumb Barge	458
Re-registration of Motor Fishing Boat	91

APPLICATION FORMS FOR APPEARING IN PROFESSIONAL EXAMINATION (FOREIGN GOING)

Deck Officer	416
Marine Engineer	583

EXAMINATION (TECHNICAL/INLAND)

Diesel Mechanic	111
Eye Sight Test	1,957
Electrician	165
Electrical Engineer	24
Efficient Deck Hand (E.D.H)	127
GP-III (Trainee)	1,529
Inland Master	52
Engine Driver	48
Notice of Eligibility	199
Revalidation/Verification/Equivalent/Dangerous Cargo Endorsement of	10
Marine Engineer and Deck Officer	1,154
Watch keeping of Engine/Deck Rating	417

ISSUANCE OF CERTIFICATE

Diesel Mechanic	98
Eye Sight Test	2,045
Electrician	41
Electrical Engineer	7
E.D.H	88
GP-III (Trainee)	800
Inland Master	35
Engine Driver	42
Watch keeping of Engine/Deck Rating	375

MISCELLANEOUS

Navigational Warning	7
Preliminary Inquiry	Nil
Summary Trials of the offences by 1st Class Magistrate	Nil

GOVERNMENT SHIPPING OFFICE

Government Shipping Office (GSO) was established in 1948 under section 6 of Merchant Shipping Act 1923. It now functions under the Ministry of Ports and Shipping and being maintained in accordance with Chapter 3 of the Merchant Shipping Ordinance 2001. It deals with matters relating to Seamen, their registration and arbitration. It also deals with manning of crew of all Pakistani and desiring foreign ships.

MISSION

- ❑ Simplify seamen employment and discharge procedures.
- ❑ Computerized working for swift service to seamen in all matters.
- ❑ On line data arrangements for verification.

FUNCTIONS

- ❑ Registration of seamen and issue the seaman service book(SSB).
- ❑ Issue of Machine Readable Seafarers Identification Document (MRSID).
- ❑ Supply of crew to all Pakistani & desiring Foreign Ships.
- ❑ Engagement & Discharge formalities for Seamen on Ships
- ❑ Settlement of disputes between Seamen and their employers.

Its major achievements during 2010-2011 are as under:-

YEAR	Computerized Seaman Service Book (SSB) issued	Machine Readable Seafarers Identity Card (MRSID) Issued	Seafarers Engaged on Ships	Seafarers Discharged from Ships
2010-2011	3,053	2,757	7,513	6,739

PAKISTAN MARINE ACADEMY

The Pakistan Marine Academy (PMA) is mandated to impart pre-sea training to prospective mercantile marine officers. Co-located in the same Campus is also Seaman Training Wing (STW) mandated to train seamen for employment as ratings in the shipping industry. With the adoption of International Convention on the Standards of Training, Certification and Watch-Keeping in 1978 (STCW-78) by the International Maritime Organization (IMO), the Government was obliged to provide higher professional training facilities to its seafarers. To meet this re-training requirement, the Government approved establishment of **Pakistan Maritime Training Complex (PMTC)/Maritime University** to impart advanced post-graduate training education and R & D facilities in the field of Maritime Studies. During 2010-2011 PMA launched an aggressive marketing campaign to attract the best out of the available human resource in the country. For this purpose multi-pronged efforts were launched aimed at a "National Outreach Programme" focused on facilitating candidates from the rural areas and remote locations in particular:-

- Commercially designed advertisements were published in leading newspapers of the country to invite applications for admission and attract potential candidates.
- Introduction of pre-entry Test through National Testing Service (NTS) in major cities of Pakistan to weed out the weak and unsuitable candidates at the outset.
- Arrangements for conduct of medical examination at 14 different CMH/ MH all over the country to facilitate potential candidates from rural areas and remote places.
- Simplification of procedures for admission for PMA by introducing facility of obtaining the required information including the application by online through PMA websites.

- Recruitment tours were arranged to give motivational lectures to students of renowned colleges to introduce them to "Life and Career as Seafarer".
- The processing of the applications for admission to PMA has been computerized to ensure speed, accuracy and transparency.
- The eligibility criteria have been revised to include candidates of Science General Group (with Computer Science and Physics) to expand the selection base.

RESULTS OF THE ABOVE EFFORTS

- The declining trend in the number of applicants for admission to PMA has been arrested and the number of applications has increased by about 500 percent in two years.
- PMA has been able to achieve 100 % of its admission targets since 2004 against 75 to 80 percent success during the previous years.

ACHIEVEMENTS DURING THE LAST 03 YEARS

a. PRE-SEA TRAININGS

S. No.	Course Name	Duration	Number of Participants			Total No. of Participants
			2008	2009	2010	
1	B.Sc. (Pass) in Maritime Studies (Nautical Cadets)	02 years	38	40	57	135
2	B.Sc.(Pass) in Maritime Studies (Engineering Cadets)	02 Years	47	55	45	147
3	GP-III (Rating Course)	05 Months	112	163	171	446

b. IMO MANDATORY PRE-SEA COURSES

S. No.	Course Name	Duration	Number of Participants			Total No. of Participants
			2008	2009	2010	
1.	Personnel Survival Technique (PST)	04 Days	435	523	516	1474
2	Basic Fire Fighting Aid (BFF)	04 Days	459	519	492	1470
3.	Elementary First Aid (EFA)	03 Days	459	499	480	1438
4	Personnel Safety & Social Responsibilities (PSSR)	04 Days	436	510	483	1429

c. IMO MANDATORY POST-SEA COURSES

S. No.	Course Name	Duration	Number of Participants			Total No. of Participants
			2008	2009	2010	
1.	Proficiency in Survival Craft & Rescue Boat	07 Days	348	302	394	1044
2	Global Maritime Distress & Safety System (GMDSS) / General operator Certificate (GOC)	18 Days	60	62	94	216
3.	Engine Plant Simulator Course (EPS)	07 Days	93	93	91	277

DIRECTORATE OF DOCK WORKERS SAFETY

Directorate of Dock Workers Safety attends to the matters relating to safety and welfare of workers employed in ports and docks. The directorate is responsible for the enforcement of Dock Labour Act, 1934 and Pakistan Dock Labour Regulations, 1948. Inspectin of Ships and Dock under Dock Labour Act.

Dock workers safety inspectors checks the ships, cargo handling equipments testing and certification by the International Classification Societies to ensure the compliance with international requirements. The inspectors and their staff carry out investigation of accidents and recommend measures to prevent their recurrence. During the year 2010-2011, 2624 inspection of ships Cargo Gears certification and port premises were conducted and notices were issued to 4 ships.

The training and briefing session is a regular feature of the activities of the DDWS. During the financial year 2010-2011, 56 training and briefing programs were administrated by the directorate to the benefit of around 613 dock workers, union representatives and middle management personnel.

A downward trend was observed in the accidents and causalities during operations on accounts of the efforts of the directorate in the areas of effective enforcement, guidance, advice and systematic training. Form the highest number of 102 accidents in 1990, the figure came down to 32 in 1998. The figure further declined to 24 in the year 2001. It came down to 10 accidents in the year, 2005 and further decreased to only one fatal and two minor in the year 2009. All the port area has riow become Zero Accident Areas.

MARINE BIOLOGICAL RESEARCH LABORATORY(MBRL), KARACHI

Main functions of Marine Biological Research Laboratory, Karachi are:-

- ▶ To obtain information on distribution, population dynamics, migratory pattern and status of animal life of Pakistan. (For MBRL only fauna of coastal areas of Pakistan).
- ▶ To setup and maintain standard zoological collection for reference.
- ▶ To advise the Government on all zoological matters including Conservation Management, Export and Import of Wildlife.
- ▶ To impart Training in Wildlife identification.
- ▶ Create public awareness about Wildlife Conservation.