JOINING INSTRUCTIONS
INTERNATIONAL STUDENTS

Petty Officer ‘Qualifying’ (Hydrography)
[Short title - PO ‘Q’ (HY)] course
083:599

NATIONAL INSTITUTE OF HYDROGRAPHY
C/O HEADQUARTERS, GOA NAVAL AREA
VASCO DA GAMA – 403 802
GOA, INDIA
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Dear Student,

0101 I take this opportunity to congratulate you on your selection for the course and extend you a warm welcome. These instructions are being sent to you with a view to help you prepare better for the course and also for your stay at Goa where the National Institute of Hydrography is located. You may study these instructions carefully, as they contain vital information about the station, the Institute, course contents, methodology of instructions and other important information.

0102 At National Institute of Hydrography, our prime commitment is towards achieving the highest possible quality of training in the field of Hydrography and Allied Studies. The staff at National Institute of Hydrography strives to impart an optimal combination of study, adventure activities, fun and games to the students for the entire duration of the course. The course also helps the trainees to develop an intimate understanding of professional subjects such as bathymetric data collection and processing, Nautical Charting, Coastal Zone Management (CZM) and Industrial Offshore Surveys, in addition to important aspects of creativity, innovation, teamwork, physical fitness and self discipline.

0103 Your role as a student has become more demanding with the increasing responsibility of handling the expanding horizons of technological applications in the field of Hydrography. It is therefore expected of you to come here adequately prepared to undergo the course. The standard of your preparation for the course would be assessed by your performance in the Entry Level Knowledge Test (ELKT) conducted within the first five days of your reporting to the Institute. The National Institute of Hydrography provides an ideal setting for studies, with its peaceful and tranquil environment and vibrant academic spirit.

0104 My staff and I once again wish you a very happy, pleasant and fruitful stay at Goa.

(sdxxxx)
Officer-in-Charge
National Institute of Hydrography
Introduction

0201 The National Institute of Hydrography is located at Vasco-da-Gama in the state of Goa. At this institute, we train all categories of personnel involved in the field of Hydrographic surveying. This institute conducts various courses, specially tailored for different categories of personnel from the National Hydrographic Departments, and other maritime and port organizations, both Indian and international.

0202 The institute is recognized as the Regional Training Centre in Hydrography for the countries of the Indian Ocean Region. Personnel from Bangladesh, Iran, Iraq, Malaysia, Nigeria, Oman, Seychelles, Mauritius, Singapore, Sri Lanka, Maldives, Myanmar, Kenya, Indonesia, Sudan, Tanzania, Vietnam, Kazakhstan, Micronesia, Fiji, Thailand, Turkmenistan, Cameroon, South Africa and Tonga have been trained at this institute. Being an institute of international standing, we also receive very distinguished visitors from India and abroad. The students are given opportunities to interact with the dignitaries visiting the institute.
Location

0203 The National Institute of Hydrography is situated within the premises of the local naval base, namely INS Gomantak, atop the Alparqueiros Hill, in Vasco-da-Gama. Vasco-da-Gama is a bustling port town in the state of Goa, and is situated on the south bank of Zuari river mouth. The town has a very rich maritime culture and is also very cosmopolitan in nature. Here you will come across people from all religious and social backgrounds and from various states of India and abroad. Mormugao Port, as the local seaport is known, is one of the major ports of India, capable of handling a wide range of cargo. However, the port specializes in iron-ore shipment. The Alparqueiros Hill, where the institute is located, overlooks this port and the estuary of Zuari River. The institute is about 5 kilometers from Dabolim International Airport and is well connected by road.

Climate

0204 The tropical climate in Goa is quite pleasant round the year with plenty of sunshine, except for the period of monsoons. The monsoon season, from June to September, is the period of heavy rainfall, and during this season Goa exudes a special charm. The average temperature normally lies between 17°C (Min.) and 38°C (Max.). The place gets about 2610 mm of rainfall in a year. Goa guarantees a good time for all, irrespective of the time of one’s visit. The details on various tourism attractions in India can be obtained from the following websites:-

(a) tourism.gov.in
(b) incredibleindia.org
(c) goatourism.gov.in
ORGANISATION AND TRAINING

Command and Control

0205 The National Institute of Hydrography is under the direct control of the Flag Officer Commanding-in-Chief, Southern Naval Command, Kochi for all matters of training. For all professional matters pertaining to Hydrographic Surveying, the institute is guided by the Chief Hydrographer to the Government of India. The Flag Officer Commanding Goa Naval Area exercises local operational command at Goa. Commanding Officer INS Gomantak provides necessary local administrative support to the institute.

0206 National Institute of Hydrography functions under an Officer-in-Charge, who is of the rank of a Captain/ Commodore. The Officer-in-Charge of the institute is assisted by a Chief Instructor of the rank of Commander who is responsible for conduct and management of the training in the institute. The Institute has a highly qualified teaching faculty, consisting of 10 officers and 36 sailors. In addition, specialists in Hydrography and allied fields from various reputed institutions are invited as guest faculty from time to time for delivering lectures to the students. The training organisation as applicable to the students is as shown in Appendix ‘A’.

Course Officer

0207 An Officer from the teaching staff will be designated as the Course Officer for a particular course. Your Course Officer will meet you soon after your arrival at the institute. Course Officer shall deal with all the administrative, personal and training matters of the course.

Course Instructor

0208 A sailor-instructor is designated as the Course Instructor for a particular course. The Course Instructor will interact with you on a day to day basis. He will be the contact person for all your administrative requirements. Course Instructor may be contacted for seeking any assistance, e.g. Postal, Photocopying requirements, purchase of stationery, bank, mobile/internet etc.

Class Leader

0209 One sailor will be nominated as class leader per week in rotation. Some of the important duties of the class leader include:-
(a) To maintain order and discipline of the class when no instructor is present.
(b) To conduct class from place to place for instructional purposes, in an orderly manner.
(c) Prepare the class room for the next instruction.
(d) Know the whereabouts of the class/individuals.
(e) To report to the instructors as per the training program when the class is ready.
(f) Maintaining the course diary

CONTACT INFORMATION

Telephone

0210 The country code for India is +91 and area code for Vasco-da-Gama is 0832. The National Institute of Hydrography can be called directly on 0091-0832-2582808 which is manned round the clock. You may also call Naval Base (Gomantak) Exchange on any of the following telephone numbers: 0091-0832-2513950, 2513951, 2511531 to 2511540, which in turn will connect up the extension number you require. The extension number for NIH is 2808. Some of the important telephone numbers are as follows:

(a) Officer-in-Charge - +91 832 258 2800
(b) Chief Instructor - +91 832 258 2802
(c) Duty Personnel, NIH - +91 832 258 2808
(d) Officer of the Day, INS Gomantak - +91 832 258 2720
(e) Fax - +91 832 251 3419

Postal Information

0211 The institute’s postal address is:-

National Institute of Hydrography
C/o Headquarters, Goa Naval Area
Vasco-da-Gama Goa - 403 802 (India)
E-Mail address: info-nih.goa@nic.in
Web: www.indiannavy.gov.in/nih
CHAPTER 3
ADMINISTRATION
PREPARATION PRIOR TO ARRIVAL

0301 Some of the preparations that you are expected to make prior departing your country are elaborated in succeeding paragraphs.

Personal Data

0302 All international students are required to submit their Bio-Data which will be forwarded to IHQ MoD (Navy). In addition every student is required to submit a Statement of Identification duly authenticated/countersigned by appropriate authority, immediately on reporting. The Statement of Identification is to facilitate identification of the individual. **Students who are not in possession of Statement of Identification are liable to be repatriated to the parent country.** The Specimen formats of Bio-Data & Statement of Identification are placed at Appendices ‘B’ & ‘C’ respectively.

Certificate of Security and Assurance

0303 The ‘Security Clearance Certificate’ will be obtained in respect of each student from the Government of the country concerned before their departure for India, by the Indian Mission in the respective country. A specimen of the Security Clearance Certificate is placed at Appendix ‘D’.

Validity of Passport/ Visa Etc

0304 The trainees are to ensure that their travel documents namely Flight tickets, passport, visa, etc are valid for the entire duration of the training period to avoid any difficulties during departure.

Medical Requirements

0305 All international students are required to submit the following medical documents on joining the institute: -

(a) Medical report indicating any significant medical history and clinical parameters like Height, Weight, Chest measurements, Range of chest expansion, conditions of Cardio Vascular, Respiratory, Locomotor, Gastrointestinal and neurological systems. It should also include Vision and Hearing capabilities.
(b) Laboratory investigations including HB %, TLC, DLC, ESR, ECG (both resting and after) DMT/TMT and Chest X-Ray/ECG tracing etc.

(c) HIV/ AIDS free certificate from any of the World Health Organisation (WHO) collaborating laboratories. ‘HIV/ AIDS Free Certificate’ issued by Government hospitals and Armed Forces Hospitals of the students country is also accepted in lieu of certificates issued by WHO collaborating laboratories. Format of the HIV/ AIDS free certificate is placed at Appendix ‘E’.

0306 International students reporting for the course without the certificate are to undergo a medical examination including HIV/ AIDS test within one month of arrival which would entail loss of valuable training time. It is therefore recommended that you complete your medical formalities prior reporting for the course to avoid unnecessary loss of time and inconvenience during the course.

**Clothing**

0307 You are to be in possession of summer uniforms including ceremonial uniforms as applicable to your service, at the time of reporting to the National Institute of Hydrography. Sufficient stocks of uniform accessories like cap, badges and buttons should be carried as these are not available in India. You will be required to attend formal parades and functions, hence requirement of good ceremonial uniforms need no further emphasis. You are also required to be in possession of sufficient items of games rig which is predominantly white. In Goa, tropical clothing is required throughout the year. A list of clothing required is placed at Appendix ‘F’. The promulgated rig for Fridays and Saturdays is Blue uniform/ equivalent. The rest of the week, white summer uniform is followed.

**Students from Self-Financed Scheme**

0308 If you are a student under the Self-Financed Scheme (SFS) and not under any of the Government of India International Technical and Economic Cooperation (ITEC) Category Schemes, you are required to furnish some proof of your country having paid the required training fees to the Government of India, on arrival at the institute.

**Entry Level Knowledge Test**

0309 Students would be required to undergo an Entry Level Knowledge Test on reporting for the course. You will be tested for your knowledge on various aspects of Hydrography like Hydrographic Control, Hydrographic Practice and Tides etc. You are advised to prepare yourself for this test. This also helps the institute to conduct the course in accordance with the participants' previous knowledge level.
ARRIVAL AND STAY

Arrival in India

0310 If you choose to arrive first at New Delhi, you would be received by the staff of your Embassies/High Commissions and then be directed to the National Institute of Hydrography, Goa after appropriate briefing, settling of personal pay and allowances and other formalities. You may also arrive directly at Goa if so directed by your Embassies/High Commissions. The city of Vasco-da-Gama is fairly well connected by road, rail and air. You are to keep us informed of your arrival details.

Reception

0311 On arrival you will be received at Dabolim International Airport, Goa by a representative of National Institute of Hydrography, in Naval uniform. For easy identification he will have a board/placard with your name and country written in bold letters.

Air Tickets, Passport & Visa

0312 On reporting, all students are to deposit their air tickets, passports, visas, etc with the Course Officer till completion of their training for reasons of safety. Passports kept with the Institute for safe custody will be issued on the following occasions:-

(a) Bank transactions.
(b) Visit to a place within India during leave.
(c) Whilst moving from one station to another, during the course of training.
(d) On completion of course.

Accommodation & Living Allowance

0313 International students under ITEC scheme will be provided with accommodation and a living allowance of INR 1500/- per day (Indian Rupees Fifteen Hundred per day), which will be transferred to the sailor’s individual bank account directly. Sailors would be required to open savings account in a nationalized bank at Vasco. The Institute will coordinate with the bank for opening of account. A part of this allowance would be required for clearing of various bills like mess victualling charges of around Rs. 184/-per day in accordance with extant naval regulations.

Identity Card

0314 Students will be issued with “Indian Navy Trainee Identity Card” on reporting for the course. The Identity Card will facilitate entry/exit to and from naval
establishments/ships including INS Gomantak inside which the Institute is located. It is necessary for all trainees to carry this card on their person at all times. Students will be responsible for safe custody of the I-Card as it is Govt. of India Property. The special identity card is to be produced on demand by Security Personnel or any superior officer. Any loss of the identity card is to be reported to the Officer-in-Charge and the civil police immediately at the earliest opportunity. The loss of identity card will attract a fine of INR. 2,500/- (Indian Rupees Two Thousand and Five hundred only) and disciplinary action as per current Naval Regulations. These special identity cards are to be surrendered to the institute’s staff on completion of the training. You are required to be in possession of three passport size photographs and its negative (both in uniform). You are required to be in possession of eight photographs (passport size) in civilian clothing for registration & opening of bank account.

**Holidays**

0315 26 January, 15 August and 02 October are celebrated as National Holidays in India. However closed holidays for the year are notified by the Govt. of India every year.

**Regulation for Leave**

0316 Leave other than scheduled leave will not be granted during the course. Students desiring to avail unscheduled leave will be required to obtain permission from their Embassies. Such permission will have to be communicated by the embassies to NHQ, New Delhi.

**Valuables**

0317 All trainees are to declare their valuables soon after reporting. These include ornaments, expensive electronics, gadgets, musical instruments etc. A written approval is required for use of private appliances in the mess. Use of private appliances without prior approval is prohibited.

**Alcohol/ Drugs**

0318 Consumption of Alcohol and Narcotic Drugs is strictly prohibited within the Institute premises as well as the living area. Suitable administrative/ repatriation action will be initiated in respect of defaulting individuals.
CHAPTER 4

CONDUCT OF COURSES

Eligibility and Entry Level Qualifications

0401 The students selected to undergo this course should meet the following minimum criteria to the extent possible.

(a) Have qualified Basic ‘Q’ (HY) and LS ‘Q’ (HY) course.

(b) Must have a minimum of 07 years experience in Hydrographic surveying on completion of Basic ‘Q’ (HY) course.

OR

Diploma in Hydrographic Surveying from any recognized institute with at least 08 years of experience in a National Organisation.

(c) Be proficient in English, as medium of instruction in the institute is English.

Duration

0402 The duration of the PO ‘Q’ (HY) Course will be 20 weeks. Details of the same are as follows:-

<table>
<thead>
<tr>
<th>Duration Weeks</th>
<th>Period</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>08</td>
<td>09-09-19 to 02-11-19</td>
<td>Professional Phase - I</td>
</tr>
<tr>
<td>02</td>
<td>04-11-19 to 16-11-19</td>
<td>Leave midterm break</td>
</tr>
<tr>
<td>08</td>
<td>18-11-19 to 11-01-20</td>
<td>Professional Phase - II</td>
</tr>
<tr>
<td>02</td>
<td>13-01-20 to 25-01-20</td>
<td>Practical phase at NIH</td>
</tr>
</tbody>
</table>

Course Curriculum

0403 The main subjects which will be covered in the professional phase are given in Appendix ‘G’.
**Medium of Instruction**

**0404** English will be the only medium of instruction for the course.

**Weekly Training Programme**

**0405** The schedule for classroom/practical instructions for each course is promulgated every week through the Weekly Training Programme. This weekly training programme will be ready on the last working day of the preceding week and a copy put up on the notice board in the classroom allotted to each course. The class leader is responsible for the collection of the weekly training programme from the Training Cell, on the last working day of the preceding week.

**Training Hours**

**0406** The Institute follows a six day week routine. The working hours are from 0730 h to 1330 h on all working days. In addition on Monday to Friday, Practical are conducted from 1545 h to 1800 h. The class timings are as follows :-

<table>
<thead>
<tr>
<th>Session</th>
<th>Timings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session I</td>
<td>0750-0910</td>
</tr>
<tr>
<td>Session II</td>
<td>0910-1030</td>
</tr>
<tr>
<td>Tea Break</td>
<td>1030-1045</td>
</tr>
<tr>
<td>Session III</td>
<td>1045-1205</td>
</tr>
<tr>
<td>Session IV</td>
<td>1205-1325</td>
</tr>
<tr>
<td>Dog watch</td>
<td>1545-1745</td>
</tr>
</tbody>
</table>

* Make and Mend routine (i.e. up to Lunch only) is followed on Saturdays. On Saturdays, training is conducted till 1230 h.

**Examination and Results**

**0407** All students are expected to be thorough in the knowledge of their previous level course attended. Examination for each subject will be conducted immediately on completion of the syllabus. The duration of examination will be 2 to 3 hours as appropriate. In order to qualify in each subject the students will have to secure a minimum of 50% marks in each written examination and 65% marks in each practical examination. Further, to qualify the course securing an overall aggregate of 55% marks is mandatory.
Grading of Students

0408 At the end of the course, the following grading, corresponding to the percentage value of total marks scored, will be awarded to the students and the same recorded in the Course Certificates:

♦ Outstanding - 80% and above.
♦ Distinguished - 75% to 79.9%
♦ Above Average - 70% to 74.9%
♦ High Average - 65% to 69.9%
♦ Average - 60% to 64.9%
♦ Below Average - 55% to 69.9%
♦ Failed - Below 55%

Sports and other facilities

0409 Apart from the complete infrastructure for training and accommodation, the institute and base provide ample opportunities for recreation and sports. The well-stocked library of the Institute as well as the Area Reference Library caters to all reading tastes. The gymnasium and other sports equipment afford the trainees sufficient facilities to remain physically fit. Adequate access to the internet is also available for both professional as well as personal use.

Discipline

0410 A very high level of discipline is expected from all the students. Some of the aspects are highlighted below:

♦ Punctuality - The Institute expects the highest level of punctuality from all students, in attending all institute and mess functions.
♦ Marks of Respect - Proper marks of respect must be paid to seniors.
♦ Uniform - A high standard of turnout is to be maintained. A good turnout reflects on your personality and adds to your smartness.
♦ Movements - While moving from place to place, the movement must be smart. If moving in a group, proper marching in squads must be adhered to
♦ Electronic Gadgets - Cellular phones/ tablets/ laptops etc., are not permitted inside the institute premises.
CONCLUSION

0411 With increasing responsibility which is a natural consequence of the expanding horizons of technological applications to Hydrographic surveying, your role as a student has become more demanding. The National Institute of Hydrography has a lot to offer you. Sincerity and diligence in your every endeavor will help you to get the best out of the training.

0412 Finally, we wish you a happy time during your stay at Goa. It is hoped that you will fully utilise the facilities provided at this institute and conduct yourself in every sphere in such a way that both National Institute of Hydrography and your Navy are proud of you.

0413 Wish You All the Best.
Appendix ‘A’
(Refers to Para 0206)
Appendix ‘B’
(Refers to Para 0302)

PERSONAL DATA
(To be filled in by the Trainee)

My government has selected me to attend a course of training in the Indian Navy, and I am submitting the following personal information as requested:

1. Name of the Course_________________________________________________________
2. Duration of Course From_________________________To___________________________
3. Full Name______________________________________________________________
4. Country_______________________________________________________________
5. Photograph (Passport Size)_______________________________________________
6. Branch of Service________________________________________________________
7. Rank_______________________________________________________________
8. Service Number________________________________________________________
9. Date of Rank___________________________________________________________
10. Date of commission________________________________________________________
11. Date of Birth___________________________________________________________
12. Place of Birth__________________________________________________________
13. Physical Description
   Weight_______________________ Height___________________
   Colour of Hair__________________ Colour of Eyes____________________
14. Academic Qualifications (Civilian Education)
   High School_____________________________________________________________
   (Dates Attended)
   College or University_____________________________________________________
   (Dates Attended)
15. Military Education_______________________________________________________
   (Details and dates attended to be given)
16. Marital Status Married/ Single
17. Dependents
   Wife’s Name___________________________________________________________
   Child Name Date of Birth Sex
   ____________________________________________ ____________________________
   ____________________________________________ ____________________________
   ____________________________________________ ____________________________
18. Whether family will accompany____________________________________________
19. If not accompanying, whether family will join later, and if so, when____________
20. Religion_______________________________________________________________
21. Details of course, if any attended in India
   Name of Course  Where  When
   __________________________  __________________________  ________
   __________________________  __________________________  ________
   __________________________  __________________________  ________

22. My last duty assignment was ________________________________________

23. Details of Naval Service (list all principal duties and major assignments in the last five years)
   ________________________________________________________________

24. Special Qualification, if any ________________________________________

25. Mother Tongue ____________________________________________________

26. Other languages and fluency (Fl – Fluent, F – Fair, P – Poor)
   Language  Speak  Write  Translate
   __________________________  ________  ________  ________
   __________________________  ________  ________  ________
   __________________________  ________  ________  ________
   (i.e.) English  Fl  F  P

27. Home Address _____________________________________________________

28. Decorations ______________________________________________________

29. Proficiency in sports ______________________________________________
   Extra curricular activities/ Hobbies ____________________________________

30. Passport & Visa
   (a)  Passport Number________________________ Valid up to__________
        Date and Port of Entry________________________
        Entry Permit valid up to______________________
        Visa valid up to____________________________
   (b)  Wife’s Passport Number____________________ Valid up to________
        Date and Port of Entry________________________
        Entry Permit valid up to______________________
        Visa valid up to____________________________
   (c)  Children
        Passport Number__________________________ Valid up to________
        Date and Port of Entry________________________
        Entry Permit valid up to______________________
        Visa valid up to____________________________
   (d)  Others_____________________________________

   Signature
## STATEMENT OF IDENTIFICATION

(This certificate should be shown on joining the Training Establishment in India)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Surname</td>
</tr>
<tr>
<td>2.</td>
<td>First Name(s)</td>
</tr>
<tr>
<td>3.</td>
<td>Rank</td>
</tr>
<tr>
<td>4.</td>
<td>Next of Kin</td>
</tr>
<tr>
<td></td>
<td>Relationship</td>
</tr>
<tr>
<td></td>
<td>Address</td>
</tr>
</tbody>
</table>

| 5. | Country and Service | __________________________ |
| 6. | Title of Course | __________________________ |
|   | From | __________________________ |
|   | to | __________________________ |
| 7. | Details of previous courses attended in India |
| Date | Title of Course | Remarks |
|   |   |   |

**Note:** The certificate must be authenticated, at least, by an official of the rank of Commander, duly stamped with the official stamp of his designation and appointment and must be in trainee’s possession.
CERTIFICATE OF SECURITY AND ASSURANCE

1. Surname __________________________
2. First Name(s) __________________________
3. Rank __________________________
4. Next of Kin __________________________
   Relationship __________________________
   Address __________________________
5. Country and Service __________________________
6. Date and Place of Birth __________________________
7. Colour of Hair __________________________ Colour of Eyes __________________________
8. Height __________________________ Weight __________________________
9. Distinguishing Marks (If Any) __________________________
10. Address in India (If Applicable) __________________________
11. Highest grade of classified information for which individual is security cleared. __________________________
12. The above named has been selected to attend : Title of Course __________________________
    __________________________ At __________________________ duration of course
    From __________________________ to __________________________
13. He has been subjected to political and security screening by the Government and does not constitute a security risk to the Indian Government __________________________.
14. The __________________________ Government will not use any information disclosed to the individual, during his course of training, to a third Government, without the approval of the Ministry of Defence, Government of India.
15. The __________________________ Government will not use any information disclosed to the individual for other military purposes.
INSTRUCTION FOR COMPLETION
(For Appendix ‘D’)

1. This appendix is to be completed with appropriate security classifications, which are defined under, in accordance with the current Government instructions.

<table>
<thead>
<tr>
<th>Security Classification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TOP SECRET</strong></td>
<td>Documents, information and material, security of which is of paramount importance and whose unauthorized disclosure would cause EXCEPTIONAL DAMAGE TO THE NATION</td>
</tr>
<tr>
<td><strong>SECRET</strong></td>
<td>Documents, information and material, the unauthorized disclosure of which would endanger national security, cause serious injury to the interest or prestige of the nation or serious embarrassment to Government or would be of great advantage to a foreign nation</td>
</tr>
<tr>
<td><strong>CONFIDENTIAL</strong></td>
<td>Documents, information and material, the unauthorized disclosure of which, while not endangering the national security, would be prejudicial to the interest of the nation, any Government activity or individual, or would cause administrative embarrassment or difficulty or be of advantage to a foreign nation</td>
</tr>
<tr>
<td><strong>RESTRICTED</strong></td>
<td>Documents (other than covered by higher categories) are not published or communicated to anyone except official purposes.</td>
</tr>
</tbody>
</table>

2. The certificate must be authenticated at least, by an officer of the rank of Commander and duly stamped with the official stamp of his designation and appointment, accompanied by two passport size photographs of the trainee.
MEDICAL (HIV/ AIDS FREE) CERTIFICATE

It is hereby certified that______________________________has been screened for AIDS and has been found free from HIV infection.

Signature of Competent
Medical Authority

Date

Seal
GUIDE TO CLOTHING REQUIRED

1. Tropical (white) uniform is worn throughout the year at Goa.

2. International students will need the following items of clothing during their stay at Goa:-

   (a) **Uniform** A minimum of six sets of summer working dress, two sets of summer ceremonial dress. (Patterns as prescribed by the rules of your country). Two pairs of blues/ navy camouflages are also suggested.

   (b) **Civil** Casual wear appropriate to the local tropical climate.

   (c) **Sports Outfit** White T-Shirt, white shorts and sports shoes are compulsory.

3. Light woolen clothing may be required during December and January.
Appendix ‘G’
(Refers to Para 0403)

MAIN SUBJECTS – PO ‘Q’ (HY) COURSE

<table>
<thead>
<tr>
<th>Sl.</th>
<th>Subject</th>
<th>Periods</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a)</td>
<td>Hydrographic Control I</td>
<td>64</td>
<td>100</td>
</tr>
<tr>
<td>(b)</td>
<td>Hydrographic Control II</td>
<td>26</td>
<td>100</td>
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<tr>
<td>(c)</td>
<td>Hydrographic Practice I</td>
<td>76</td>
<td>100</td>
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<tr>
<td>(d)</td>
<td>Hydrographic Practice II</td>
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<td>100</td>
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<tr>
<td>(e)</td>
<td>Tides and Basic Oceanography</td>
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<tr>
<td>(f)</td>
<td>Data Processing I</td>
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<td>100</td>
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<tr>
<td>(g)</td>
<td>Data Processing II</td>
<td>168</td>
<td>100</td>
</tr>
<tr>
<td>(h)</td>
<td>Data Processing II Practical</td>
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<tr>
<td>(j)</td>
<td>Administration, Stores &amp; Teaching Techniques</td>
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<td>100</td>
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<tr>
<td>(k)</td>
<td>Practical Ashore</td>
<td>01 Week</td>
<td>100</td>
</tr>
<tr>
<td>(l)</td>
<td>Practical Afloat</td>
<td>01 Week</td>
<td>100</td>
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<td>(m)</td>
<td>Class Work Book/ Practical Work Book/ Field Book/ Fair Chart</td>
<td>--</td>
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<td>Total</td>
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<td>636 + (02 weeks practicals)</td>
<td>1200</td>
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**Note:**

(i) For Theory classes 01 period consists of 40 minutes duration.
(ii) Practical classes will be 01 hour duration each.