THE INCORPORATED
THAMES NAUTICAL TRAINING
COLLEGE

H.M.S. WORCESTER

Established 1862
Incorporated 1893

OFF GREENHITHE, KENT
Port of London

Offices: INGRESS ABBEY, GREENHITHE, KENT
"A ship life imparts to a boy a degree of disciplined self-confidence, which in itself is a guarantee of success in life and distinguishes him from the boy ashore."

The Earl of Inchcape.
THE INCORPORATED
THAMES NAUTICAL TRAINING COLLEGE
H.M.S. WORCESTER
ESTABLISHED 1862 INCORPORATED 1899

Patron:
HIS MAJESTY THE KING
(Master: British Merchant Navy and Fishing Fleets.)

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Secretary:
Ian A. Borland, F.Inst.P.S.

OFFICES: INGRESS ABBEY, GREENHITHE, KENT
Telephone: (Offices) Greenhithe 102; (Ship) Greenhithe 39.
Telegraphic Address: (Offices) Cadetship, Greenhithe.
(Ship) Worcester, Greenhithe.
Staff.

Captain Superintendent:
CAPTAIN G. C. STEELE, V.C., R.N.R.
(Younger Brother of Trinity House).

Director of Educational Studies:

Assistant Masters:
T. R. A. WAKEFORD, Master Mariner.
J. E. BREAC.
C. T. TIPPIN, A.M.I.M.E., A.I.N.A.
D. P. MELVILLE, B.Comm.
J. V. J. STEPHENS.
F. S. CAMPBELL, Master Mariner.
J. C. KINGSTON, Master Mariner.
E. F. ELLIOTT, Master Mariner.
G. R. H. WRIGHT, B.A., LL.B.
P. H. HENDREY, B.A.

Chaplain:
REV. C. STRONG, M.B.E.

Chief Officer:
R. M. RICHARDSON, Master Mariner.

Second Officer:
J. C. DONNEL.

Third Officer:
P. WOODS.

Instructors:
S. JACKSON (Boatswain).
W. J. WINDSOR.
E. POPEY.
S. P. KING.

Maintenance and Services Personnel:
G. L. DANKS (Chief Steward).
A. GIBBS (Sick Bay Steward).
F. MASKELL (Carpenter).
C. P. HEALEY (Chief Cook).

Examiner in General School Subjects:
PROFESSOR J. A. LAUWERS, D.S.C., F.R.I.C.

Examiner in Seamanship:
CAPTAIN A. HOPWOOD, Extra Master Mariner.

Lecturer in Ship Construction:
R. S. HOGG, M.I.N.A. (Hons.), C.G.I.T.

Sailing Instructor (Boat):
CAPTAIN D. P. MCCULLOCH, R.A.

Medical Officer:
T. MORGAN, L.M.S.S.A
Prize Distributors

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1864. THE RIGHT HONOURABLE T. MILNER GIBSON, M.P., President of the Board of Trade.
1865. LORD HARRIS, K.S.I., late Governor of Madras.
1866. His Royal Highness the Prince of Wales.
1867. THE Rt. HONOURABLE SIR JOHN S. PAKINGTON, BART., M.P.
1868. HIS GRACE THE DUKE OF NORTHUMBERLAND.
1869. HENRY GREEN, Esq., Chairman of the Worcester.
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      HONOURABLE OLIVIA PAGET.
1871. His Royal Highness the Duke of Edinburgh.
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1873. SIR FREDERICK ARROW, Trinity House. LADY ARROW.
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1875. THE RIGHT HONOURABLE SIR CHARLES B. ADDERLEY.
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1878. ADMIRAL A. P. RYDER. MRS. OLIVER.
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1881. SIR THOMAS SUTHERLAND. LADY SUTHERLAND.
1882. LORD ASHLEY. LADY HARRIETT ASHLEY.
1883. SIR GEORGE CHAMBERS, Chairman of the Worcester.
      THE HONOURABLE EVELINE ASHLEY.
1884. THE RIGHT HONOURABLE R. N. FOWLER, M.P., Lord Mayor.
      THE LADY MAYOR.
1885. THE RIGHT HONOURABLE EARL OF NORTHBOURG, G.C.S.I.
      MISS STOFFORD.
1886. SIR GEORGE CHAMBERS. MRS. SHEPPARD.
1887. A. B. FORWOOD, Esq., M.P., Parliamentary and Financial Secretary to the Admiralty. MRS. FORWOOD.
1888. CAPTAIN SIR J. SYDNEY WEBB, Trinity House. MISS SIM.
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1890. F. D. BARNES, Esq., J.P. MRS. BARNES.
1891. THE RIGHT HONOURABLE SIR JOHN ELDON GORST, Q.C.,
      M.P., Under Secretary of State for India. LADY BROOKE.
1892. THE RIGHT HONOURABLE LORD GEORGE F. HAMILTON.
      M.P., First Lord of the Admiralty. LADY HAMILTON.
1893. T. R. TUFNELL, Esq. MRS. TUFNELL.
1894. THE RIGHT HONOURABLE EARL SPENCER, K.G., First Lord of the Admiralty. THE COUNTESS SPENCER.
1895. SIR CLEMENTS ROBERT MARKHAM, K.C.B., F.R.S., F.R.G.S.,
      F.S.A. MRS. EGERTON.
1896. THE RIGHT HONOURABLE SIR JAMES FERGUSSON, BART.,
1897. SIR EDWYN SANDYS DAWES, K.C.M.G. MRS. GREEN.
1898. ADMIRAL SIR ANTHONY HILEY HOSKINS, G.C.B.
    LADY HOSKINS.
1899. THE RIGHT HONOURABLE C. T. RITCHIE, M.P., President
    of the Board of Trade. MISS RITCHIE.
1900. HIS GRACE THE DUKE OF ARGYLL, K.T. MISS DAWES.
1901. ADMIRAL THE HONOURABLE SIR EDMUND ROBERT
    FREMANTLE, G.C.B., C.M.G., LADY FREMANTLE.
1902. REAR-ADMIRAL SIR JAMES ANDREW THOMAS BRUCE,
    K.C.M.G. LADY BRUCE.
1903. THE RIGHT HONOURABLE THE EARL OF SELBORNE, First
    Lord of the Admiralty. LADY SELBORNE.
1904. HIS ROYAL HIGHNESS the Prince of Wales, and
    Her Royal Highness the Princess of Wales.
1905. SIR JOHN GLOVER, J.P., Lloyd's Registry. MISS GLOVER.
1906. THE RIGHT HONOURABLE DAVID LLOYD-GEORGE, M.P.,
    President of the Board of Trade. MRS. LLOYD-GEORGE.
1907. THE RIGHT HONOURABLE SIR GEORGE DASHWOOD
    TAUBMAN GOLDIE, K.C.M.G., D.C.L., LL.D., F.R.S.
    MISS GOLDIE.
1908. THE RIGHT HONOURABLE VISCOUNT MORLEY OF
    BLACKBURN, O.M. VISCOUNTESS MORLEY.
1909. Usual Ceremony abandoned owing to illness amongst Cadets. Prizes
    distributed by COMMANDER D. WILSON-BARKER, R.N.R.
1910. THE RIGHT HONOURABLE LORD GORELL, P.C., M.A., LL.D.
    LADY GORELL.
1911. THE RIGHT HONOURABLE SIR T. VEZEY STRONG, P.C.,
    Lord Mayor. THE LADY MAYORRESS.
    LL.D., Lord Warden of the Cinque Ports.
1913. THE MOST HONOURABLE THE MAROIS OF GRAHAM,
    D.L., C.B., C.V.O. THE MARQUESS OF GRAHAM.
1914. CAPTAIN SIR H. ACTON BLAKE, K.C.V.O., Trinity House. LADY
    BLAKE.
1915. SIR THOMAS SUTHERLAND, G.C.M.G., LL.D., Chairman of the
    Worcester. LADY SUTHERLAND.
1916. CAPTAIN D. WILSON-BARKER, R.N.R. MRS. WILSON-BARKER.
1917. SIR THOMAS SUTHERLAND, G.C.M.G., LL.D., Chairman of the
    Worcester. LADY SUTHERLAND.
1918. SIR THOMAS SUTHERLAND, G.C.M.G., LL.D., Chairman of the
    Worcester.
1919. SIR THOMAS SUTHERLAND, G.C.M.G., LL.D., late Chairman of the
    Worcester. LADY SUTHERLAND.
1920. THE RIGHT HONOURABLE SIR EDWARD COOPER, Lord
    Mayor. THE LADY MAYORRESS.
1921. HIS ROYAL HIGHNESS the Prince of Wales, R.G.
1923. THE RT. HON. SIR JOSEPH COOK, G.C.M.G., High Commissioner
    for Australia.
1924. VICE-ADMIRAL SIR WILLIAM E. GOODENOUGH, K.C.B.,
    M.V.O., Commander-in-Chief, The Nore. LADY GOODENOUGH.
1925. SIR PHILIP CUNLIFFE-LISTER, K.B.E., M.C., M.P., President of
    the Board of Trade. LADY CUNLIFFE-LISTER.
1926. HIS ROYAL HIGHNESS the Duke of York, R.G.
1927. THE RIGHT HONOURABLE VISCOUNT INCHCAPE, G.C.S.I.,
G.C.M.G., K.C.I.E. (H.M. KING FUAD OF EGYPT visited the Ship and addressed the
Cadets, July 16th, 1927).
1928. THE RIGHT HONOURABLE LORD KILSANT, G.C.M.G.
The Lady Kilsant, C.B.E.
1929. ADMIRAL SIR SYDNEY ROBERT FREMANTLE, G.C.B., M.V.O.
Lady Janet Bailey.
1930. THE RT. HONOURABLE SIR WILLIAM WATERLOW, K.B.E.,
Lord Mayor. The Lady Mayoress.
1931. VISCOUNT GLENANN.
1932. Usual Ceremony abandoned owing to illness. Prizes distributed on
board by Mrs. S. M. STEELE.
1933. SIR PERCY G. MACKINNON. LADY MACKINNON.
1934. THE RIGHT HONOURABLE VISCOUNT LEVERHULME.
1935. VISCOUNTESS LEVERHULME.
1936. THE RIGHT HONOURABLE SIR BOLTON EYRES MONSELL,
1937. THE RIGHT HONOURABLE WALTER RUNCIMAN, P.C., M.P.,
President of the Board of Trade. Mrs. Runciman.
1938. ADMIRAL SIR EDWARD R. G. R. EVANS, K.C.B., D.S.O., LL.D.,
1939. SIR JULIAN FOLEY, C.B. LADY CURRIE.
1940. VICE-ADMIRAL SIR NOEL F. LAURENCE, K.C.B., D.S.O.,
Admiral Commanding Reserves. Lady Laurence.
1941. SIR WILLIAM C. CURRIE, Chairman of the WOCESTER.
LADY CURRIE.
1942. ADMIRAL SIR SYDNEY R. FREMANTLE, G.C.B., M.V.O.
LADY FREMANTLE.
1943. SIR DOUGLAS RITCHIE, M.C. LADY RITCHIE.
1944. VICE-ADMIRAL SIR JOHN EDGELL, K.B.E., C.B., F.R.S.,
Hydrographer of the Navy.
1945. Usual Ceremony cancelled. Prizes distributed the following Term by
Mrs. A. F. JACKSON.
1946. SHERIFF S. MARSHALL. Deputising for the RT. HON. THE
LORD MAYOR OF LONDON.
1947. THE RIGHT HONOURABLE A. BARNES, M.P., Minister of
Transport. Mrs. Barnes.
1948. THE RIGHT HONOURABLE ANTHONY EDEN, M.C., M.P.
1949. THE RIGHT HONOURABLE SIR JOHN ANDERSON, G.C.B.,
G.C.S.I., G.C.E., F.R.S., M.P. LADY ANDERSON.
1950. ADMIRAL OF THE FLEET LORD FRASER OF NORTH CAPE,
G.B.E., D.C.L. First Sea Lord.
1951. FIELD MARSHAL THE VISCOUNT MONTGOMERY OF
ALAMEIN, K.G., G.C.B., D.S.O.
1952. AIR CHIEF MARSHAL SIR FREDERICK BOWHILL, G.B.E.,
K.C.B., C.M.G., D.S.O. LADY BOWHILL.
INTRODUCTION.

The College, which was founded in 1862, specialises in training for the Merchant Navy, at the same time it gives a boy a good general education.

Naval training and discipline develop character and resource which should last a boy through life, whatever his career.

Under the officers of the College a boy is first taught to obey and then to command obedience; he is given daily responsibilities connected with ship life, and is trained generally to develop the qualities of an officer. The school curriculum affords a general education with a bias towards subjects which have a direct bearing on the boys' chosen career. Special attention is given to physical training, and the routine is arranged so that long hours of evening study are avoided.

By permission of the Lords Commissioners of the Admiralty all boys on entry are enrolled Cadets, Royal Naval Reserve, and given the privilege of wearing the uniform of that rank during their training in the College.

It cannot be too strongly emphasised that life on board develops a "ship sense"; it provides facilities ready at hand for a sea career. This is important when one considers there is little opportunity in a modern steamship for boat work, handling ropes, work aloft, rigging, sailmaking, etc.—in fact all that goes to make a sailor. The Worcester provides practical seamanship at a boy's most impressionable age, and accustoms him to a ship life, so that when he joins his shipping line he is already a sailor and free from the strangeness and awkwardness of the first voyager who has been trained ashore.

In addition, the Ship is now fully equipped with the latest navigational aids, such as Radar, Decca Navigator, Marconi Direction Finder, Gyro Compass, Echo Sounder, and Electric Submerged Log.
Fire Detecting Apparatus and Patent Gravity Boat Davits, such as are found in the modern liner, are also part of the Ship's equipment.

The Ship is most favourably situated for its purpose. To the observant cadet the environment is a training in itself. Every day he sees vessels of all classes and nationalities pass up and down the Thames; London and Tilbury Docks are easily accessible, and visits are paid to them. The future officer could not be given a better introduction to the shipping world.

Health records are excellent, for life on board ship and the open healthy locality develop a splendid physique in the cadets which can be best appreciated by paying a visit to the College.

From time to time in the course of their training, cadets may be invited to make visits to and trips in ships and other craft and to visit various places of interest. On such occasions the Honorary Committee of Management sometimes have to give to the owners of the ship or other craft and to other parties, a letter of indemnity whereby the Committee agree to indemnify the owners and other parties in respect of any liabilities incurred, arising out of any accident or injury which may happen to a cadet in the course of such visits or trips. Any such letters of indemnity shall be deemed to be given on behalf of the parents or guardians of any cadets who may meet with any such accident or injury, and all parents or guardians by signing the Form of Application for the admission of any cadet shall be deemed to authorise such letters of indemnity being given on their behalf so far as such cadet is concerned, and to agree to indemnify the Committee in respect thereof.
CHAPTER I.

The Worcester.

The present Worcester (late Exmouth) was specially built as a school ship by Messrs. Vickers-Armstrongs Ltd., Barrow-in-Furness, to the order of the London County Council. During World War II she was taken over by the Admiralty and used as the parent ship for minesweepers at Scapa Flow, and fitted to accommodate 600 officers and men. She was loaned to the Thames Nautical Training College by the Ministry of War Transport, in June, 1945, and was refitted to meet the latest requirements of an officers’ training college for 220 cadets, with a staff of 50. She is the third and largest ship to be used by the College since it was founded.

Accommodation. The Worcester is of 5,480 gross tonnage. Length 346 feet, and beam 53 feet. She is the largest training ship afloat, with a clear upper deck of 160 feet and four enclosed decks each with over nine feet headroom.

Sleeping Arrangements. Cadets sleep in hammocks on the Lower and Orlop Decks, 110 boys on each deck. A cadet’s sea chest is placed in the vicinity of his hammock, and he is also provided with a locker for boots and shoes, and a rail for coats. The hammocks are stowed away when not in use, so the sleeping decks are kept clear throughout the day. All bedding is provided by the College.

Mess Room. The cadets’ Mess Room is situated in the fore part of the Lower Deck, and is used exclusively as a dining-room. Immediately adjoining it, are the pantries, cold chamber and galley, the latter being equipped with the latest cooking appliances. Officers preside at a centre table and a staff of stewards serve meals.
School Accommodation. There are nine permanent classrooms on the after part of the Orlop Deck. Each cadet has his own desk which is of the latest pattern. Special attention has been given to the lighting and ventilation of these class-rooms, and they compare most favourably with those of any modern shore school.

Instructional Rooms. The Chart Room: This is situated on the poop, and is modelled on that of the modern liner. It contains the latest Gyro Compass, Echo-Sounding and Decca installations, besides a steering teacher, automatic helmsman and the usual chart room fittings.

The Radar House: The ship is fitted with Metropolitan-Vickers Marine "Seascan" Radar Set and Marconi Direction Finder, and cadets are given theoretical and practical instruction in its working.

The Model Room: This consists of a class room where engineering, electrical gear and models are used in conjunction with lectures.

The Seamanship Room: This space adjoins the model room in the Hold Deck and is used for wire splicing and other practical seamanship work.

Recreational Spaces. The Main Deck is used as a recreational deck for the cadets, and seats are placed throughout its length. At the fore end of it is the Library well stocked with reference books and containing a lending library renewed each term. Dances and social functions are held on the Main Deck.

Sick Quarters. A large Sick Bay, consisting of a general ward and day room, dispensary and isolation room, is situated aft on the Lower Deck, and is used for cases of minor ailments and sickness (infectious cases and serious illnesses are removed to the Sanatorium or Hospital ashore). A resident Sick Berth Attendant is in charge of the Sick Quarters, and has a cabin in the vicinity.
**Gymnasium and Cinema.** The gymnasium is on the Orlop Deck. It is used also for boxing instruction and competitions, and serves as a cinema hall for films which are shown every fortnight during the winter terms.

**Chapel.** Church Services are held on the Main Deck. Morning and Evening prayers are held daily. In addition, there is a special Chapel furnished with the fittings of the Chapel of H.M.S. Iron Duke, presented by an ex-Worcester Cadet who last commanded her. The Chapel is always open for private prayer, and is used for Holy Communion, which is held weekly.

**Lighting, Heating and Water Services.** The Ship is connected to the shore for electrical supply, water and telephone services. The latest heating and ventilating systems are installed on board.

Water is supplied direct from the Metropolitan Water Board by means of a pipe-line from the shore. The ship is equipped with modern sea-going ship's fire service, with steam and electric pumps. In addition, there is a fire detecting apparatus installed on the main deck, and portable fire extinguishers are placed conveniently throughout the ship. Fire stations and abandon ship are exercised every Wednesday morning.

**Tender and Boats.** The 17-ton Auxiliary Yawl Karina serves as a sailing tender for taking cadets out for day trips down the Thames Estuary for practical seamanship and navigation. In addition there are numerous pulling and sailing boats of various classes in constant use for instruction, racing, lifeboat drill and routine work.

There are four sailing dinghies, one attached to each division of cadets. Termly sailing races are held between them.
CHAPTER II.

SHORE BUILDINGS AND ESTATE.

Ingress Abbey. This historic mansion, and its grounds, are the property of the College and are used in conjunction with the Worcester for a number of purposes.

College Offices. The Offices of the College are situated on the ground floor of the east wing of the Abbey.

Sanatorium. The first floor of the west wing of Ingress Abbey is set aside as the Sanatorium.

Laboratory. A laboratory equipped for practical physics and mechanics is on the ground floor of the east wing.

Chart Room. A room of the ground floor of the west wing is used by senior cadets for practical chartwork.

Chapel. The old panelled library of the Abbey has been fitted out and dedicated as a second Worcester Chapel. It contains a collection of flags of Commodores of Shipping Lines presented by "Old Worcesters," and is used alternately for Holy Communion with the Chapel on board.

Laundry. The College possesses its own electric laundry in an annexe to the Abbey. It is equipped with the latest washing, drying and airing plants; no chemicals are used and the clothes are sundried when possible.

Swimming Bath. This was built in 1929 and is situated in the lower grounds. It is equipped with cabins, gallery, showers and engine house. The water and building are heated so that swimming can be carried on throughout the year. All cadets are taught swimming and life-saving, special classes being
formed for backward swimmers. Water Polo matches are played with teams from other schools.

**Grounds.** The Estate comprises 37 acres extending from the main London Road to the foreshore immediately opposite the *Worcester*. There are rugby fields, tennis courts and cricket pitches, providing adequate facilities for games. Rugby football is played in winter terms; cricket and tennis in summer; water-polo and basketball take place throughout the year. Great attention is paid to games, and instruction is given by the Schoolmasters. There are opportunities also for cross-country running throughout the year, and Athletic Sports are held in the Summer term. The Cricket Pavilion on the upper ground was presented by members of the Corporation of Lloyd’s in Coronation Year, 1937. A smaller pavilion is situated on the lower ground.

**Foreshore.** The College possesses its own private Causeway and Motor Park immediately abreast the Ship, with a private approach to it. Boat Houses, Waiting Room and Garages belonging to the College are in the vicinity.
Chapter III.

ADMISSION AND FEES.

Application for Admission. Applications for admission must be made to the Secretary on the printed form at the end of this Prospectus, and should be accompanied by Birth Certificate, recent School Reports, a Testimonial of Character, Health Certificate, Doctor’s Certificate of Physical Fitness, and Ministry of Transport Certificate for Colour and Form Vision. Where the slightest doubt as to eyesight exists it is imperative that in addition to the latter an Ophthalmic Surgeon’s Certificate should be forwarded (vide Ministry of Transport Regulations, Appendix A).

If recent School Reports are not available, a confidential statement should be forwarded by the candidate’s Headmaster direct to the Secretary of the College.

The Birth Certificate, Eyesight Certificate and School Reports are retained, as these are required by Shipping Companies when a cadet’s name is entered for a line. These documents will be returned when a cadet leaves the College.

Ages of Admission. The minimum age for entry is 13 years 6 months. The upper age limit is determined by the requirements of Shipping Companies when accepting apprentices, and at present 18 is regarded as the maximum age for acceptance as an apprentice. Consequently, new cadets must enter the Worcester before their 16th birthday. No cadet is awarded a leaving certificate until he has reached 16½ years of age.

Fees. Fees are £180 per annum; the Committee retain the right to reduce or increase this figure as circumstances may demand, but cannot consider any reduction in individual cases. All fees are payable before the commencement of the term to which they
refer, and are as follows: First Term, £68; Second Term, £56; Third Term, £56. The fees include some of the school books. Text-books of which considerable use is made, are charged against the cadet. Books in good condition not likely to be needed at sea may be bought back by the College when the cadet leaves. Charges are kept as low as possible and all aspects of economy are studied. The first term's fees for each year of training include certain items of uniform. (See page 35).

**Payment of Fees.** All cheques should be made payable to the Thames Nautical Training College and forwarded to the Secretary, Ingress Abbey, Greenhithe, Kent.

**School Fees Insurance.** The Honorary Committee of Management has introduced a School Fees Insurance Scheme to compensate for time lost during term through illness or accident. Full details of the Scheme are forwarded to parents and guardians of new cadets before joining, and they are advised to take advantage of this Scheme, although it should be emphasised that participation is purely voluntary.

The terminal premium is 14s. based on terminal fees of £56.

**Extra Charges.** A charge of £1 is made each term for Laundry and £1 1s. as subscription for library, games, swimming bath and entertainments. College property damaged will be charged against the cadet responsible.

The personal effects of each cadet on board are insured in the sum of £50, against total loss only, and a charge of 1s. is made each term for premium. The Honorary Committee cannot accept responsibility for losses of individual articles by cadets.

The above extra charges are payable at the end of each term.
Vacancies. In every case where application is made for admission to the College, the Application Form must be accompanied by a deposit of £5. If the candidate is accepted and enters the College, the £5 will be allowed off the first term’s fees, but if the application is withdrawn the £5 will be forfeited to the College.

Entrance Examination. Papers are set in the following subjects: (a) Mathematics (Arithmetic, Algebra, Geometry). (b) English and General Knowledge. (c) French. The current examination papers are forwarded to the candidate’s school, the worked papers being returned to the College for marking. A signed certificate is required from the invigilator stating that the papers have been worked under examination conditions.

The standard expected at the examination depends on the age of candidates, and an outline of the syllabus is given below:

Elementary Mathematics—3 Papers.

Paper I. Arithmetic.
Knowledge of British and metric systems of weights and measures and of the English and French monetary systems.

The four rules applied to numerical calculations, including vulgar and decimal fractions.


Paper II. Algebra.

Paper III. Geometry and Trigonometry.

Geometry.

The formal proofs of theorems are not required. Simple riders on the following:—Angles and parallel lines, triangles and parallelograms, areas of triangles, parallelograms and rectangles, Pythagoras' theorem and its converse. Simple constructions based on the above topics.

Trigonometry.

Similarity of triangles. Definitions of sine, cosine and tangent of an acute angle. Numerical questions in plain Trigonometry which can easily be solved by the use of right-angled triangles and trigonometrical tables, but solutions by drawing to scale will be accepted.

English Language and General Knowledge.

One Paper.

English Language.

A choice of subjects for continuous composition.

General Knowledge.

Questions on History, Geography, English Literature, General Science and topics of current interest.

French. One Paper.


Note.—In the case of candidates for admission who are in their 14th year, consideration will be given to granting exemption from the Worcester Entrance Examination if details of Common Entrance Examination performance are submitted.

Interviews. Before final acceptance, Candidates qualifying educationally are required to attend at the Offices of the College for interview. Marks are given for interview which, combined with the marks for the written examination, determine whether a candidate is accepted. Parents are informed of the result after all candidates have been interviewed.
Festival Year Illuminations.

Divisional Sailing Dinghies.
Terms. The terms are Lent, Summer and Michaelmas, opening respectively about the middle of January, end of April, and the middle of September. The Lent term is of 11 weeks' duration, Summer Term 13 weeks, and the Michaelmas Term 12 weeks.

The exact dates are regulated by local circumstances and are duly announced before the end of the preceding terms. The course is arranged so that a cadet can commence at any term.

Applications for admission close as follows:— For entry in January—at the end of the previous September; for entry in May—at the end of the previous January; and for entry in September, at the end of the previous April, the Entrance Examinations taking place in October, February and May respectively.

Telephone. The Ship is connected by two telephone lines to the shore. Parents are informed that cadets are not normally in telephone communication, and messages direct to cadets are restricted to important family messages for which urgency does not permit a letter being sent (Greenhithe 203). The same applies to official communications by telephone (Greenhithe 39), which are received in the Captain Superintendent's office. These should be normally restricted to office hours. Letters are the normal means of communication, both with the Captain Superintendent and with individual cadets.

Vacations. The Vacations consist of four weeks in the Spring, eight at Midsummer, and four at Christmas.

Notice of Withdrawal. In every case a term's notice of intention to withdraw a cadet must be given to the Secretary of the College whether or not the cadet shall have completed his course of training, or in lieu of such notice a payment of £56, being the equivalent of a term's fees, shall be made to the College by the parent or guardian of the cadet.
When it cannot be determined a cadet is to leave, as awards for leaving certificates are made on the results of the end-of-term examinations, provisional notice should be given.

**Period of Training.** The course prepares a cadet for the Ministry of Transport *Worcester* Certificate, the examinations for which are held at the end of each term. The period which a cadet remains in the College therefore will depend upon his ability to obtain this leaving certificate as well as his time on board. Two years is the minimum period of training, and 17 is the age for a cadet to join the Merchant Navy.

It must be realised, therefore, that the length of training is determined by a cadet's educational progress and his age when he joins the *Worcester*.

To derive the greatest benefit from the training, a cadet should have passed into the top form and seamanship section, and where this has not been achieved, parents are advised to allow their son to remain an extra term or more, provided he will still be under the age of 18.

If, in exceptional cases, it transpires that a cadet proves he is unsuited for a career in the Merchant Navy, or is unable to compete educationally with the course, the Committee will inform the parents and may request that the cadet be withdrawn.
CHAPTER IV.

GENERAL INFORMATION.

Information and Regulations. A book of General Information and Regulations is issued to each cadet when he is accepted for entry to the College. Cadets should make themselves fully acquainted with these Regulations. Without being in any way oppressive, the discipline on board is strict, on the principle that the well-disciplined ship is the happy ship. The Committee reserve the right to expel, or to request the withdrawal, of any cadet if they consider it desirable to do so, in which case no remission of fees will be granted.

Pocket Money for the Term. This should be sent by postal order or cheque direct to the Ship addressed to the Captain-Superintendent, before each term commences and not included in remittances for fees. The amount of pocket money allowed cadets is on an average £2 per term, but parents should use their own discretion and should in no case exceed the sum of £3. Parents are particularly asked not to give cadets sums of money in excess of this allowance, and any extra money gifts from relatives should be placed in the Cadets' Bank. Cadets must not have pound or ten shilling notes in their sea chests. A Bank Book is issued to each cadet and pocket money is paid out every Thursday.

Correspondence. Letters concerning the welfare of cadets should be addressed Captain-Superintendent and ample time allowed for reply. Questions relating to school work may be addressed direct to the Director of Educational Studies, and appointments to see him on educational matters may be arranged.

Visiting and Leave. Greenhithe is on the Southern Railway, 23 miles from London. Parents wishing to visit the College can travel from
Charing Cross, Waterloo Junction or London Bridge, the journey taking about 50 minutes. The Ship’s causeway is about 15 minutes’ walk from Greenhithe Station. Visiting days are Wednesdays and Saturdays between 2 p.m. and 6 p.m., and no extension of these times is permitted.

Parents are reminded that cadets receive a total of four months’ holiday in the course of the year. Also that, in the nature of a sea career for which cadets are training, long periods of separation from home are inevitable. Parents are therefore particularly requested not to ask for leave of absence during the term, or for any exception to be made to the rules regarding leave.

Cadets are limited to receive three visits a term from parents or friends of their families on visiting days. These visits do not include the special occasions, for which parents receive official invitations, or for watching College matches ashore. Departures from these rules cause dislocation to the Ship’s routine and extra work to other cadets in providing special boats.

It is not necessary for parents to write for permission to take their sons out on the three visits authorised. The cadet himself applies for the necessary leave from the Chief Officer after his parents have notified the boy of their intended visit. Permission, however, must be obtained from the Captain-Superintendent for any special leave, which is granted on compassionate grounds only, such as severe illness of a parent. The Captain-Superintendent is always pleased to see parents who wish to consult him about the welfare or the future of a cadet. For mutual convenience, however, when parents especially wish to see the Captain-Superintendent, they are requested to make an appointment with him.

Cadets are not allowed to leave before the appointed time of breaking-up except those travelling long distances on night trains, who are allowed to leave the evening before the end of the Lent and Michaelmas Terms only, at the discretion of the Captain Superintendent. All cadets are required to be on board on Prize Day, which is the last day of the Summer Term.
Daily Routine. The daily routine of the Ship will be found in Appendix C.

Fire and Boat Drill. Every precaution is taken against fire. All parts of the College are under constant supervision day and night; automatic fire alarm apparatus and numerous fire extinguishers are readily accessible and powerful hand and electric pumps are installed. The cadets are drilled weekly at Fire and Boat Stations and “Abandon Ship.” The supply of boats is more than ample to accommodate the whole Ship’s company.

Divine Services and Confirmation. Daily Morning and Evening Services are conducted on board by the Chaplain. Communion Services are held on board or in the Chapel in Ingress Abbey. A few minutes are given for private prayer every evening when absolute silence is maintained throughout the Ship. The Chaplain is always pleased to see a cadet privately at any time.

A Confirmation Service is held on board by the Bishop of Rochester every Michaelmas term, candidates being prepared by the Chaplain.

Roman Catholic cadets attend services in their local Church, and their priest pays visits to the College.

Medical Attendance. The Medical Officer is in regular attendance and a Sick Berth Attendant is resident. Should a cadet be ill and when he is admitted to the Sanatorium or Hospital, his parents or guardian will be immediately informed, and they will be kept informed of his condition during his illness. Unless such notice is received, it may be assumed that a cadet, even though admitted to the sick bay, is merely suffering from a slight and temporary indisposition. Notice to parents and guardians will be issued should any epidemic be sufficiently serious to give the
least reason for anxiety. Unless such notices are issued, it must be understood that the Medical Officer sees no necessity for such a step. If a cadet is suffering from any infectious disease (or is suspected to be suffering) he cannot be visited without the permission of the Medical Officer, who will see that all proper precautions in the public interest are taken to prevent the spreading of infection.

It must be understood that during term time, cadets are in the hands of the Medical Officer, and consequently parents must not refer cadets, in special cases, to their own doctors or specialists.

Under the provisions of the 1948 National Health Service Scheme, all cadets on entering the *Worcester* are registered with the College Medical Officer for medical attendance.

Extra charge is made for the employment of a special trained nurse or convalescence for an individual cadet. Visits to cadets admitted to the Sanatorium are arranged with the Sister-in-Charge.

Cadets’ teeth must be attended to in the holidays. Many Shipping Companies require a Dental Certificate before accepting a cadet.

Where an Ophthalmic Surgeon’s Report is required by a Shipping Company, this must be obtained during a holiday period.

**Dietary.** The messing arrangements, by the Chief Steward, are under the direct supervision of the Captain-Superintendent. The food and galley are inspected regularly by the Medical Officer, a report being submitted every term to the Committee.

**Regulation Uniform.** Cadets must always wear regulation uniform during the term, and plain clothes must not be brought to the College. The wearing of uniform during the holidays is optional.

The following items of uniform are provided annually by the College, and their cost is included in
Cadets' Band

Physical Training Display.

**Initial Outfit.** In addition to uniform supplied by the College, parents can obtain from the College Outfitters all items of outfit (see Appendix B), the cost of which is defrayed by the parents. This outfit will approximate £60.

Regular visits are made by a representative of the Outfitters and orders taken from cadets are only executed on receipt of consent from parent or guardian.

**Sea Chests.** The regulation sea chest is hired to cadets by the College Outfitters at a cost of 7/6 per term during their period of training, instead of the chest being purchased.

If a cadet’s clothes require mending or overhauling, they should be taken home at the end of term in his suitcase or kit-bag.

**Tuck Shop.** The Tuck Shop is run entirely for the benefit of the cadets and profits are devoted to their sports and entertainment fund. In addition to “tuck” and ice cream, the shop contains most articles that cadets need. Whilst there is no objection to a boy receiving an occasional parcel of “tuck,” parents are informed that in view of the adequate diet and stock in the Tuck Shop, this is unnecessary, and in any case should be kept within strict limits. No “tuck” is allowed to be left in the mess-room, and parents, when sending “tuck,” should exclude food liable to perish.
Cricket Pavilion presented by Members of Lloyd’s.

A Racing Crew.
CHAPTER V.

EDUCATION AND TRAINING.

School. The School Syllabus is based upon the principle of both completing a boy's general education, and giving technical instruction for a sea career.

On promotion to the higher forms, a cadet's studies include the theory and practice of navigation, nautical astronomy, chart work, the use of navigational instruments, meteorology, stability, applied electricity and engineering.

Promotion to higher forms is based upon the result of examinations held during and at the end of each term.

"Worcester" Leaving Certificate. This Certificate is divided into School and Seamanship sections. In each section there are three grades—Ordinary, First Class and First Class Extra.

It is necessary for a cadet to have reached 16½ years of age and to pass in both school work and seamanship in order to qualify for the Certificate.

The examinations for the Certificate are the ordinary end of term examinations, and the Certificate is awarded on the last term's results only. Details of the marks required for each grade of Certificate are given at the beginning of each cadet's report book.

No Certificate is awarded to a cadet whose conduct has been unsatisfactory, and no Certificate will be issued until all payments due to the College have been made.

Value of Certificate. The Ministry of Transport allows two years spent at the College to count as one year's sea service for qualified cadets. A qualified Worcester cadet need therefore serve only three

39
years as an apprentice at sea, whereas the youth from the ordinary school, who goes direct to sea, must serve four years before being allowed to sit for the Second Mate's Examination by the Ministry of Transport.

No testimonials are issued other than the official certificate, and cadets are not prepared for the School Certificate. Civil Service Commissioners' Examinations, or the Entrance Examinations for the Royal Navy.

**Seamanship.** Instruction in seamanship is carried out concurrently with school work. One hour every forenoon and two evening periods a week are devoted to the subject. In addition there are many practical seamanship duties which the cadets are called upon daily to perform.

Cadets run the routine boats. Power boats are avoided for the reason that boat pulling under utility conditions is considered the best form of training.

For seamanship work the cadets are divided into four sections—First, Second, Third, and Fourth. These are sub-divided into half-sections—A and B—whenever a section becomes too large for individual attention to be given.

Every cadet on joining commences in the Fourth Section, and he is advanced each term, in exceptional cases, at half-term, on examination results as in the case of school work.
1939-1945 War Memorial
CHAPTER VI.

ON LEAVING THE "WORCESTER"

The Worcester specialises exclusively for the Merchant Navy as a career, and parents will naturally want to know what prospects that Service offers to the cadet after he has finished his training in the Worcester. It is therefore of first importance that the Committee of Management can report that even through the worst years of past shipping depressions appointments were found for qualified cadets leaving the Worcester.

The Committee cannot guarantee to find appointments for cadets, but the Captain-Superintendent is in personal touch with the leading shipping companies, and a close connection has been formed between them and the Worcester. Forms of application for apprenticeship and conditions of service of any line, can be obtained from the Captain-Superintendent. The latest shipping intelligence is available, and a boy's name can be entered for a particular line at the parents' request during his fourth term in the Ship. Notices of vacancies are received and arrangements can be made for cadets to interview officials of Shipping Companies.

The Captain-Superintendent takes the initiative in entering cadets for Shipping Lines. He keeps parents informed of every step taken and normally it is not necessary for parents to conduct this business. Should they desire to do so, however, they may make their own enquiries and arrange for placing their son in a shipping line, but they are asked to inform the Captain-Superintendent that they are doing so, in order to regulate the reservations offered in respective shipping lines. Unless there is some special reason, a cadet's name should not be entered for more than one line.

On leaving the Worcester, a qualified cadet serves three years' apprenticeship at sea in the line he intends to adopt for his future. During this time he is little expense to his parents, for the Worcester outfit, with
minor alterations, will serve at sea. Wages have been mostly standardised, commencing about £90 per annum, rising to £120 per annum for Worcester cadets; no premium being charged. There are however a few exceptions to these conditions.

After having served his apprenticeship, a cadet sits for his Second Mate's Certificate at the minimum age of twenty. On successfully passing this examination, he is a qualified officer and eligible for appointment as such. Rate of promotion varies in the different lines. A contributory Pensions Scheme is in force throughout the Merchant Navy, the benefits comparing favourably with schemes adopted in other professions.

Shore appointments in connection with the sea arise from time to time, such as marine superintendents, harbour masters, pilots, Ministry of Transport officers, dock masters, Lloyd's nautical surveyors, nautical assessors, marine officers in the Colonial Service, etc.

The Brethren of Trinity House are officers of the Merchant Navy, and the Honourable Company of Master Mariners has as its object the welfare of the Merchant Navy.

Royal Naval Reserve. The Lords of the Admiralty present termly to the Worcester a limited number of appointments as Midshipmen in the Royal Naval Reserve. Candidates must be between 16 and 18 years of age at the date of appointment. They are required to be nominated by the Captain Superintendent and are called upon for interview by the Admiralty before final acceptance.

It should be the ambition of every Worcester cadet to join the R.N.R. In view of the limited quota of appointments direct from the Worcester each year, a note is taken by the Admiralty of certain cadets nominated who may be unsuccessful in interview, and they will be given an opportunity of applying again after 12 months at sea.
CHAPTER VII.

SCHOLARSHIPS.

The object of all scholarships is to assist parents who are unable to afford full fees, to place their sons in the Worcester. Their renewal depends upon the donors agreeing to continue the awards year by year. The dates that Scholarships fall vacant can be obtained on application to the Secretary.

General Rules Governing Scholarships. The following Rules apply to all Scholarships and are in addition to any special clause added by the donor:

1. The Scholarships are restricted to British subjects and will be awarded only to candidates whose parents can prove that they are in need of pecuniary assistance towards the expenses of training.

2. Candidates must be 15 years of age at the date of commencement of the Scholarship. They must be considered eligible by the Worcester Committee on grounds of health, social standing and good character.

3. They must undergo a Scholarship Examination and appear before a Selection Board of the College.

4. Parents must sign a declaration that the candidate intends to go to sea in the Merchant Navy on completion of his training. If he fails to do this, except for reasons of health, parents will have to refund the Scholarship money paid during his training.

5. Payment of the Scholarship will be made direct to the College, except in the case of the Fishmongers’ Company’s Scholarships, where payment will be made each term to the parents.
In the former cases the termly value of the Scholarship is deducted from the account rendered for school fees.

6. Copies of a boy’s report are sent each term to the donors of the scholarships, and second year payments will be made only if the reports are satisfactory during the first year.

7. All Scholarships are in reduction of fees.

8. All applications for scholarships must be made to the Secretary, Thames Nautical Training College, Ingress Abbey, Greenhithe, Kent, except where otherwise stated.

"Shell" Scholarship. The Anglo Saxon Petroleum Co., Ltd., have established this Scholarship which is awarded annually for entry at the Michaelmas Term, applications closing at the end of April each year. The recipient will be expected to enter the Service of the donors on completion of his training in the Worcester, subject to progress and conduct. The Scholarship is valued at £227 10s. per annum, representing the full fees of the College of £180 per annum with an additional payment of £47 10s. per annum against the cost of outfit, etc.

Ellerman & Bucknall Scholarship. The Ellerman & Bucknall Steamship Co., Ltd., have founded this scholarship which is valued at £180 per annum, tenable for two years. The recipient will be required to enter the service of the Donors on completion of his training in the Worcester, subject to progress and conduct. Available for entry at the Summer Term, 1953. Applications close January, 1953.

Lloyd’s Scholarship. The Committee of Lloyd’s grant this Scholarship bi-annually. The Scholarship, tenable for two years, will be next available for entry in September, 1953, applications closing in April, 1953. Candidates who obtain the
highest marks in the Scholarship Examination will be required for a personal interview by the Committee of Lloyd's, who will make the final selection.

**The Leverhulme Scholarship.** The Trustees of the late Viscount Leverhulme have founded this Scholarship, which is valued at £125 per annum, tenable for a period of two years. Awarded bi-annually and next available for entry at the Summer Term, 1952. Applications close January, 1952.

**New Zealand Shipping Company's and Federal Steam Navigation Company's Scholarships.** Cadetships of the value of £100 per annum for a two years' course in the Worcester are granted by these Companies. Candidates must be New Zealand or Australian born and of British parentage. Cadets will be indentured to the Companies on completion of their Worcester training. Approved candidates will be given a free passage from New Zealand or Australia. Applicants must be 15 years of age. Applications should be made to the General Manager, New Zealand Shipping Company, Limited, Wellington, N.Z.; or to Messrs. Birt & Company (Pty.) Ltd., 4, Bridge Street, Sydney, N.S.W.; or to the Secretary, Thames Nautical Training College, Ingress Abbey, Greenhithe, Kent.

**China Navigation Company's Scholarship.** One Scholarship of £50 a year tenable for two years under the general rules governing Worcester Scholarships. Awarded bi-annually and next available for entry at Lent Term, 1952.

**The Worshipful Company of Fishmongers' Scholarship.** One scholarship of £50 a year tenable for two years under the general rules governing Worcester Scholarships. Awarded annually at the Michaelmas Term.
The Worshipful Company of Clothworkers' Scholarship.

Worcester Scholarships. Awarded bi-annually and next available for entry at Lent Term, 1953.

The Worshipful Company of Goldsmiths' Scholarship.

Worcester Scholarships. Awarded bi-annually and next available for entry at Summer Term, 1952.

The Worshipful Company of Grocers' Scholarship.

Worcester Scholarships. Awarded bi-annually and next available for entry at Michaelmas Term, 1952.

The Honourable Company of Master Mariners. This Company is open to receive applications for the Alexander Anderson Scholarship, which is valued at £40 per annum, tenable at the Worcester, Conway or the Nautical College, Pangbourne. The choice of the establishment will remain with the recipient, and preference will be given to the sons of Merchant Navy Officers. The Trustees of the Honourable Company's Education Fund have also available the "Marchwood Scholarship," which is tenable for a period not exceeding two years at any residential Training Establishment training boys for careers as officers in the Merchant Navy. The Scholarship is valued at £60 per annum and, in considering applications, preference will be given to the sons of Merchant Navy Officers. The address of the Company is H.Q.S. "Wellington," Temple Stairs, Victoria Embankment, London, W.C.2.
The Rt. Hon. Anthony Eden, M.C., M.P., presenting the King's Gold Medal
The Worshipful Company of Ironmongers This Scholarship, valued at £50 per annum, is tenable for a period not exceeding three years at the Worcester, Conway, or the Nautical College, Pangbourne. The Honourable Company of Master Mariners will receive and consider applications for the Scholarship, and nominate suitable candidates for the approval of the Court of the Ironmongers' Company. Applications should be made to the Clerk of the Honourable Company of Master Mariners, address above.

King George's Fund for Sailors Special Scholarships are available to the sons of Officers of the Merchant Navy. Preference in the award of these Scholarships will be as follows:—1. Sons of Officers of the Merchant Navy and Royal Naval Reserve killed as a result of hostilities in the last War, or who may have died as the result of such hostilities; 2. Sons of Officers seriously disabled as the result of hostilities in the same war; 3. Sons of Officers who died during the war, whilst actually in the Service, though not as the result of hostilities; 4. Sons of Officers or ex-Officers of the Merchant Navy.

The Scholarships will be awarded subject to the above limitations to those necessitous candidates whose circumstances and qualifications the selectors consider most deserving of help. Scholarships will be tenable for the normal period of training, i.e., two years, and will be valued at £100 a year.

In view of the nature of these awards, the Honorary Committee of Management has decided that the fees of this College should be reduced to £140 per annum in these particular cases.

Applications should be made to the Elder Brethren of the Trinity House, London, E.C.3, by whom the selection of candidates will be made. Applicants for the Scholarships will be subject to the normal conditions of entry at the College.
In addition to the above Scholarships, the Committee of King George’s Fund for Sailors have founded a Scholarship to be known as Westminster Stores Scholarship. The value of this award is £50 per annum and tenable as long as the recipient is in the Worcester. The successful applicant should be the son of an Officer in the Royal Navy, Royal Naval Reserve or Merchant Navy, and be 15 years of age. The Scholarship will be subject to the general rules for Worcester Scholarships.

Shaw Savill & Albion Co. Ltd. This Company has decided to award a scholarship, tenable at the Worcester for a period of two years. The award will be valued at the full College fees and will be reserved for the sons of Merchant Navy Officers or Engineers whose fathers have died or become disabled during the last War, whilst in the service of Messrs. Shaw Savill & Albion Company.

Marine Society. A limited number of full and half bursaries are awarded annually by the Marine Society under the general rules governing Worcester Scholarships. A full bursary is valued at £180 per annum with an additional sum of £60 against the cost of initial Worcester outfit. A half bursary is valued at £90 per annum with an outfit allowance of £30.

Westminster Stores Scholarship. This Scholarship is valued at £50 per annum and is reserved for the son of an Officer in the Royal Navy or Merchant Navy. The award of the Scholarship is in the hands of the King George’s Fund for Sailors, and will next be available for entry at the Summer term, 1953.

Worcester War Memorial Scholarships. As a mark of appreciation of the services rendered by ex-Worcester cadets during the War, and in particular in memory of the 168 Old Boys who gave their lives in the War, the Honorary Committee of Management has
decided to establish special Scholarships for entry to the 
Worcester for the sons of ex-Worcester cadets.

The general rules governing Worcester Scholarships 
will apply with the following special conditions:—(1) 
The Scholarships will be reserved for the sons of ex-
Worcester cadets, with a preference for the sons of those 
who lost their lives in the last War. (2) One Scholarship 
will be awarded annually for entry at the Michaelmas 
term opening in September. (3) The Scholarships when 
awarded to boys whose fathers lost their lives during the 
War, will cover in full the annual fees of the College. 
When awarded to the sons of “Old Worcesters” still 
living, the Scholarships will be valued at £100 per annum 
in reduction of the College Fees.
CHAPTER VIII.

AWARDS AND PRIZES.

The King's Gold Medal. His Most Gracious Majesty the King has been pleased to continue the grant of a Gold Medal awarded annually to the cadets of the Worcester. This award was instituted by Her late Majesty Queen Victoria in 1868. The medal is awarded to the boy who shows the qualities likely to make the finest sailor: "These consist of cheerful submission to superiors, self-respect and independence of character, kindness and protection to the weak, readiness to forgive offence, desire to conciliate the differences of others, and above all, fearless devotion to duty and unflinching truthfulness."

The following Regulation will, by His Majesty's command, be observed in awarding the prize:—

"The Medal will be open to boys who have been one year on board the Ship, and who have received not less than half the total number of marks at the previous term examination. The Commander, after conferring with the Headmaster, shall select not less than three or more than five of the boys whom he considers to possess the qualities for which the prize is given. He shall then submit these names to the boys who have been assembled for the purpose in the School, and each boy who has been on board a term previous to the time of distribution, shall then and there vote for one of the boys so selected.

The boy who obtains the highest number of votes shall receive the medal."

In addition to the School and Seamanship prizes given by the College, special presentations are made annually by various Corporations and Companies, including the following:—

CHAPTER IX.

MISCELLANEOUS.

The Association of Old Worcesters. The Association was founded in 1887 to keep “Old Worcesters” in touch with one another and to retain their association with the Ship. The Association Dinner is held annually, and sporting and social functions are held during the year. All cadets are earnestly invited to join the Association when they leave the Worcester.

The annual subscription is 10s. Life membership £5. Cadets who enrol as Life Members within six months of leaving the Worcester, are accepted at a reduced Life Membership rate of £3 3s. 0d.

Communications should be forwarded to the Honorary Secretary, Ingress Abbey, Greenhithe, Kent.

“Dog Watch.” The Magazine is published at the end of each term, and contains information of the activities of the College, cadets and “Old Worcesters.” There are also numerous articles written by “Old Worcesters” and cadets. The price is 2s.

The Overseas League. The League has its headquarters at Vernon House, Park Place, St. James’s Street, London, S.W.1, and branches in most of the principal ports of the world. It offers good facilities to “Old Worcesters” as a Club.

The Public Schools Club. The Worcester is on the list of Public Schools which are eligible for Membership of the Club. Applications for membership should be forwarded to the Club Secretary at 100, Piccadilly, London, W.1.
APPENDIX A.

EYESIGHT TESTS.

It is most important that before entering upon a sea career a boy’s eye-sight should undergo a thorough examination. To this end it is compulsory to pass a Ministry of Transport test for colour and form vision, which can be undertaken for the fee of 2/6 at any of the Mercantile Marine Offices named below:—

Aberdeen.—Second Monday in every month. Other days by appointment.
Belfast.—Every Monday.
Bristol.—First and Third Mondays in every month.
Cardiff.—Every Monday.
Dundee.—Fourth Monday in every month.
Fleetwood.—During Examinations of Fishermen, and other days by appointment.
Glasgow.—Any day.
Greenock.—Every Monday.
Grimsby.—First and third Mondays in every month.
Hull.—Every Friday and Saturday.
Leith.—First and third Mondays in every month.
Liverpool (Canning Place).—Every Thursday, Friday and Saturday.
London (Dock Street, E.1).—Every Friday (9.30 a.m.—12 noon and 1.30 p.m.—3.30 p.m.), and Saturday (9.30 a.m.—12 noon only).

London (133, East India Dock Road, E.14).—Every Monday and Tuesday.
London (Victoria Docks, E.16).—Every Wednesday and Thursday.
London (Tilbury, Essex).—Every Thursday and Friday.
Manchester (Salford).—By appointment only.
Middlesbrough.—Every Tuesday.
Newcastle.—Every Friday and Saturday.
Plymouth.—Every Monday.
Ramsgate.—Every Tuesday.
Southampton.—Every Wednesday (9 a.m.—12 noon).
South Shields.—Every Wednesday at 9.30 a.m.
Sunderland.—Every Monday.
Swansea.—Every Monday and Tuesday.

A candidate who wishes to have his sight tested should apply in the first place, to the Superintendent of the Mercantile Marine Office at one of the above ports. The normal hours for the sight tests are 9.30 a.m. to 12.30 p.m., and wherever possible, candidates should attend between those hours. A candidate who lives at a distance from the port and cannot attend before 12.30 should apply in writing to the Superintendent for a special appointment.

Should there be the least doubt about a candidate’s eye-sight, he is advised, in addition to the official tests, to be examined by the consultant to the College—G. H. Giles, F.B.O.A. (Hons.), F.S.M.C., F.I.O., at 65, Brook Street, London, W.1 (Telephone: Mayfair 5382), with whom appointments should be made direct.
APPENDIX B.

OUTFIT.

The following articles must be provided by the cadet's parents:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sea Chest (on hire).</td>
</tr>
<tr>
<td>1</td>
<td>Suit Case.</td>
</tr>
<tr>
<td>2</td>
<td>Bags for soiled linen.</td>
</tr>
<tr>
<td>1</td>
<td>Pr. Best Cloth Trousers.</td>
</tr>
<tr>
<td>3</td>
<td>Soft White Uniform Shirts.</td>
</tr>
<tr>
<td>3</td>
<td>Stiff Collars.</td>
</tr>
<tr>
<td>6</td>
<td>Soft Collars.</td>
</tr>
<tr>
<td>2</td>
<td>Cream Flannel Shirts.</td>
</tr>
<tr>
<td>3</td>
<td>Pyjama Suits.</td>
</tr>
<tr>
<td>3</td>
<td>Prs. Pants.</td>
</tr>
<tr>
<td>3</td>
<td>Undervests.</td>
</tr>
<tr>
<td>1</td>
<td>Pr. Braces.</td>
</tr>
<tr>
<td>1</td>
<td>Pr. Bathing Trunks.</td>
</tr>
<tr>
<td>6</td>
<td>Pocket Handkerchiefs.</td>
</tr>
<tr>
<td>6</td>
<td>Prs. Socks.</td>
</tr>
<tr>
<td>1</td>
<td>Pr. Working Trousers.</td>
</tr>
<tr>
<td>2</td>
<td>Neckties.</td>
</tr>
<tr>
<td>1</td>
<td>Pr. Gym. Shorts.</td>
</tr>
<tr>
<td>1</td>
<td>Belt</td>
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<td>2</td>
<td>Prs. White Flannel Trousers.</td>
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<td>2</td>
<td>Cricket Shirts.</td>
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<tr>
<td>1</td>
<td>Pr. Cricket Shoes.</td>
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<tr>
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<td>Pr. Leather Shoes.</td>
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<tr>
<td>1</td>
<td>Pr. Sea Boots.</td>
</tr>
<tr>
<td>2</td>
<td>Prs. Regulation Shoes.</td>
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<tr>
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<td>Pr. Slippers.</td>
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<td>Pr. Gym. Shoes.</td>
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<tr>
<td>1</td>
<td>Clothes Brush.</td>
</tr>
<tr>
<td>1</td>
<td>Hair Brush and Comb.</td>
</tr>
<tr>
<td>1</td>
<td>Nail Brush.</td>
</tr>
<tr>
<td>1</td>
<td>Blue Jersey.</td>
</tr>
<tr>
<td>1</td>
<td>S.B. Regulation Naval Waterproof.</td>
</tr>
<tr>
<td>1</td>
<td>Dressing Gown.</td>
</tr>
<tr>
<td>2</td>
<td>Lanyards.</td>
</tr>
<tr>
<td>1</td>
<td>Band and Badge.</td>
</tr>
<tr>
<td>1</td>
<td>Assortment of Haberdashery.</td>
</tr>
<tr>
<td>2</td>
<td>Prs. Blue Shorts.</td>
</tr>
<tr>
<td>2</td>
<td>Prs. Stockings.</td>
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<tr>
<td>1</td>
<td>British Warm.</td>
</tr>
<tr>
<td>1</td>
<td>Gym. Vest.</td>
</tr>
<tr>
<td>4</td>
<td>Towels.</td>
</tr>
<tr>
<td>2</td>
<td>Football Jerseys.*</td>
</tr>
<tr>
<td></td>
<td>(1 white, 1 coloured).</td>
</tr>
<tr>
<td>1</td>
<td>Pr. Shorts. *</td>
</tr>
<tr>
<td>2</td>
<td>Prs. Stockings.*</td>
</tr>
<tr>
<td>1</td>
<td>Pr. Football Boots. *</td>
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<tr>
<td>1</td>
<td>Tooth Mug.</td>
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<tr>
<td>1</td>
<td>Tooth Brush.</td>
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<tr>
<td>2</td>
<td>Shoe Brushes.</td>
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<tr>
<td>1</td>
<td>Face Flannel.</td>
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<tr>
<td></td>
<td>Cuff Links.</td>
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<td></td>
<td>Suspenders.</td>
</tr>
<tr>
<td></td>
<td>Studs.</td>
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The above is a general list, but the College Outfitters issue to parents and guardians an approved list applicable to the 3 Terms in the College year.
## APPENDIX C

### DAILY ROUTINE.

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<th>A.M.</th>
<th>F.M.</th>
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<td>7.0</td>
<td>12.15—Seamanship and Drills.</td>
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<tr>
<td>7.30—Physical Exercises.</td>
<td>1.15—Dinner.</td>
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<tr>
<td>7.50—Divisions for Inspection.</td>
<td>2.15—School.</td>
</tr>
<tr>
<td>8.0—Prayers. Breakfast.</td>
<td>4.30—Dinners School. Clear up Decks.</td>
</tr>
<tr>
<td>8.30—Stow Hammocks. Clear up Decks.</td>
<td>5.30—Taps.</td>
</tr>
<tr>
<td>9.0—School.</td>
<td>6.15—Gymnastics or Physical Drill. Prep. or Seamanship.</td>
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<tr>
<td>10.30—Fifteen minutes Interval.</td>
<td>7.45—Supper.</td>
</tr>
<tr>
<td>12.15—Divisions School.</td>
<td>8.15—Hammocks hung.</td>
</tr>
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</table>

**Saturday**
- The Decks are scrubbed in the forenoon by the cadets, and leave ashore is granted in the afternoon.
- The bedding is opened out for airing and made up again at 12.15, and hammocks stowed. Clean sheets are issued every second week.
- School from 9.0 to 11.15 a.m. Soiled clothes are sent to the Laundry and the clean clothes brought back.
- Fire and Boat Stations and "Abandon Ship" are held.
- Half-holiday.
- Bathing in the Swimming Bath.

Monday and Thursday Evenings—School from 6.45 to 7.45.

Tuesday and Friday Evenings—Seamanship, 7.0.

**In the Summer term**, cadets "turn in" half-an-hour later.

### SUNDAYS

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<th>A.M.</th>
<th>P.M.</th>
</tr>
</thead>
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<tr>
<td>7.0</td>
<td>1.0 —Dinner.</td>
</tr>
<tr>
<td>8.0—Prayers. Breakfast.</td>
<td>2.0—Library open until 5 p.m.</td>
</tr>
<tr>
<td>8.30—Clear up Decks.</td>
<td>5.0—Taps.</td>
</tr>
<tr>
<td>10.0—Divisions for Inspection by Captain Superintendent.</td>
<td>8.30—Hammocks hung.</td>
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<td>11.0—Divine Service, conducted by the Chaplain.</td>
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* Subject to alteration.
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