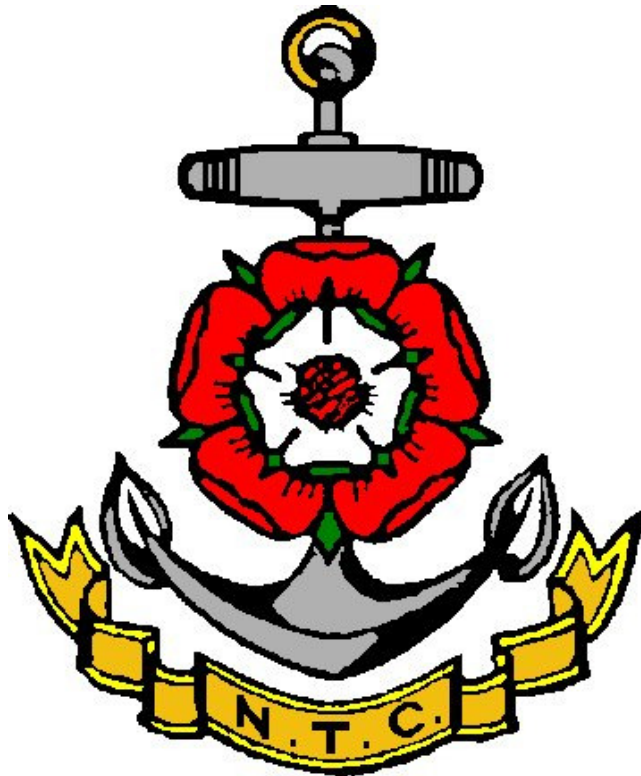


NAUTICAL TRAINING CORPS



THE BOATSWAINS CALL HANDBOOK

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1. INTRODUCTION

Piping is a naval method of passing Orders and information, every Cadet should have an understanding of how to use a '**Boatswain's Call (the Call)**' and how to pipe an order. Verbal Orders passed are known as '**Pipes**'. The expression '**to pipe**' means to make the sound of the boatswain's call and to give the spoken order which may qualify it. Some pipes are orders in themselves and do not require any verbal addition.

2. THE HISTORY

The use of the Boatswains Call in English ships can be traced back with certainty to the days of the Crusades, AD 1248. In former days it was worn in English ships as an honoured badge of rank, probably because it had always been used for passing orders. As long ago as 1485 it was worn as the badge of the Lord High Admiral of England and was worn by his successor in office up to 1562. In those days it was known as a whistle and was worn on a silver chain. Thereafter it was used throughout the English fleets for passing Orders, and since 1671 it has always been known as the Boatswain's Call.

The sizes and designs of call have varied considerably; some were short and fat and others long and thin and often they had intricate designs on the metal work. They were usually silver up to the time of the last world war; sailors had the names of their ships engraved on them too. The silver call has a much clearer, shriller note than modern massed produced ones.

Nowadays the "**Boatswain's Call and Chain**" is the badge of office of "The Chief Boatswains Mate, Quartermaster and Boatswains Mates". In the Nautical Training Corps, the office holder would normally be the "Quartermaster" and and/or the "Boatswains Mate".

3. THE BOATSWAINS CALL AND CHAIN

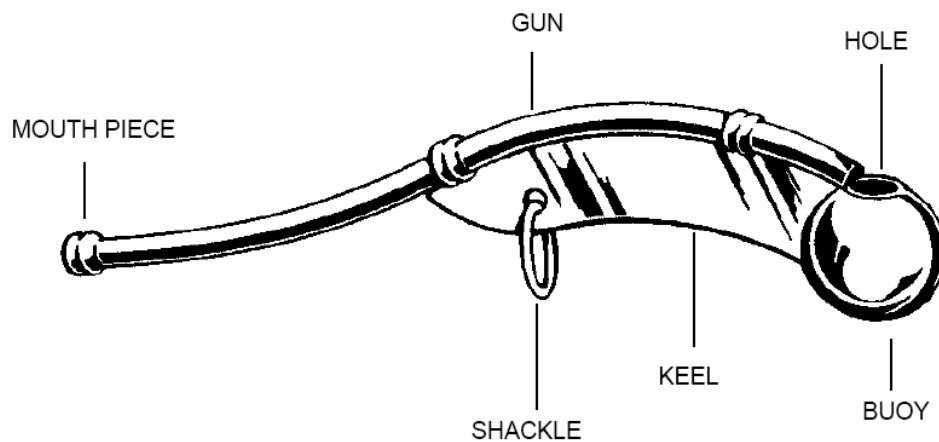
Cadets with the permission of the Commanding Officer may wear **The Boatswain's Call and Chain** in Full Uniform, when **NOT** on duty. The Boatswain's Call and Chain is not to be worn by cadets attending National Courses or Camps, or parading with cadets from other Units. The Boatswain's Call and Chain should be worn by Piping and Side parties. Quartermasters, Messengers/Runners at the discretion of the Commanding Officer, may also wear it. The Call should be worn on the end of a chain at all times. The chain is worn round the neck, (under the collar) replacing the lanyard. The call is tucked into the inside uniform pocket (square rig) or outside pocket (female not in square rig) where applicable, if there is no pocket the mouth piece should be tucked in behind the bow (square rig).

Cadets in working rig should wear the call with the chain around their neck and in the left breast pocket (where applicable) when not wearing a jumper.

The Boatswains Call should only be worn whilst in accordance with their duty i.e. Quartermaster or Messenger/Runner. While under instruction and training, the calls should be stowed away on completion of each period and not worn around the unit to save confusion with those that are duty.



4. PARTS OF THE BOATSWAINS CALL



The Boatswains Call should never be used or worn without a chain

5. THE POSITION OF ATTENTION

When making a pipe, the piper will stand to attention, pipe at the ready in the right hand, the left hand at the side of the body. No salutes are ever given by the individual Piper or Piping Party.

6. TIMING

Whilst it is important to maintain the correct timing of the pipe, particularly when piping as a team or as a piping party, it is recognised that in some cases breathing control and lung capacity in the smaller cadets cannot be maintained. It is important however, that the correct sequence and spacing between the notes of the pipe are accurate and the sound clear and distinctive.

7. TUNING THE BOATSWAIN'S CALL

A Boatswain's Call can be tuned by scraping away and enlarging the wind edge of the hole on the buoy, until the note sounds sharp and clear. This can be achieved with a fine grade emery cloth. A shriller note can be achieved by closing the top of the lip of the hole a little, on the buoy. **CARE MUST BE TAKEN WHEN TUNING A CALL** and should **NOT** be attempted without supervision.

8. CLEANING THE BOATSWAIN'S CALL

A Boatswain's Call will not play properly if it is not clean, this can be done with warm soapy water and a pipe cleaner to clean the gun and a cotton bud to clean out the buoy. **Never use sterilising agents**, and where possible never share the call, if you have to, then clean between users.

9. TRAINING ENVIRONMENT

For health and safety reasons all training should take place in the largest open space available i.e. the main deck, the instructor should be at least ten feet or three metres away from the pipers at all times. The training period actually playing the call should last no longer than ten minutes then take the same time fault finding and correcting the cadets before returning to playing the call again. Remember it is the instructor that is most at risk. Never be tempted to train in a small room.

Do not teach the actual playing of the call while the cadet is sitting down and always warm up the call and do some simple breathing exercises before you start.

10. HOLDING THE BOATSWAIN'S CALL

The Boatswain's Call is held in the right hand between the index finger and the thumb. The buoy lies in the hollow of the right hand, the keel braced against the fleshy pad of the thumb with the hole of the buoy looking upwards. The thumb should press upwards against the keel, usually just by the shackle, but not wedged in the shackle, the index finger crooked over the top of the gun. The other three fingers are used to create the notes by closing and opening the airway of the hole of the gun over the hole of the buoy.

Diagram 1

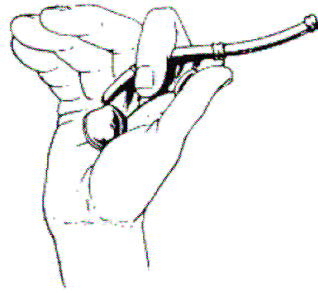
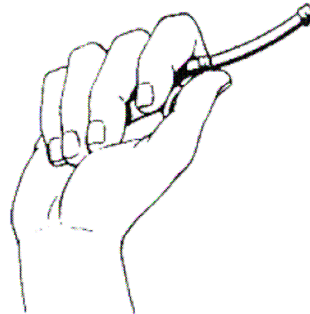


Diagram 2



11. BEFORE YOU START TO BLOW

The Boatswain's Call is held securely and firmly between the thumb and index finger of the right hand. Diagram 1 shows how to make a low note. To make a high note the other three fingers should be bent curling over but not blocking the hole as shown in Diagram 2. You will only know when you have got it right when you start blowing the call.

12. HOW TO MAKE THE VARIOUS NOTES ON THE CALL

To make the high and low notes you need to control the breathing as much as the curling of the fingers. To produce a high note you must squeeze the air out as a tight steady stream whilst the fingers are curled down over the buoy (**diagram 2**), you also have to blow harder to produce a high note.

To produce a low note the air must be gently and relaxingly blown out with your three fingers in the raised position (**diagram 1**).

A good way of describing this is by drawing bubbles, a lot of small bubbles to represent the high note and a few very big bubbles for the low note.

Some calls require a sharp finish; this can be achieved by putting your tongue over the end of the mouth piece. This practice should not be used for natural breaks in calls (where a breath is taken) as the result will be a popping sound at each break.

13. THE TRILL AND THE WARBLE

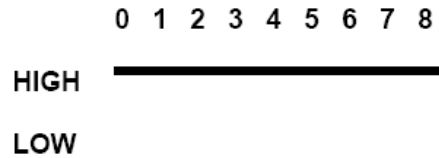
a. **The TRILL** – To obtain a Trill, put your tongue to the front of your mouth, the tip curled up behind the teeth and "roll your R's". Try it without a Call. With the Call at the ready, at the same time as you blow into the Call, "roll your R's", the result will be a **TRILL**.

b. **The WARBLE** – The Warble is produced by flicking the tongue slowly up and down or from side to side over the mouthpiece. Not too slowly though and not as fast as you roll your R's, with practice this results in a warble similar to that of a canary. It can also be achieved by a jerky blowing action into the mouth piece. The results in both cases will be a **WARBLE**.

IMPORTANT NOTE: Before you continue to learn the various pipes, it is important to master all these exercises. These are the basic sounds necessary to play a Boatswain's Call. Good piping is achieved by good posture, good breathing and a good sense of timing.

PLAYING / PIPING THE CALLS

THE "STILL"



Fingers closed over the hole, blow as hard as you can for eight seconds, the whole note must be on the same high note and stop blowing abruptly at the end of the eight seconds. The note must be the highest you can get, a high-pitched piercing note.

Reason for the pipe - The "Still" is used to call all hands to attention as a mark of respect, to order silence, to give an instruction. It is **ALWAYS** followed, after an interval, by the **"Carry On"**.

NOTES: Four occasions that the "Still" is or might be used.

1. Can be used in the vicinity of work to avert an accident.
2. At Colours and Evening Colours / Sunset **BEFORE** the Ensign is hoisted and lowered. (You should only salute at the hoisting or lowering of the Ensign, **NOT** when the Still is sound)
3. As a mark of respect on the arrival or departure of a visitor who it is wished to honour but is not entitled to be piped over the side.
4. When it is necessary to give detailed Orders that requires absolute silence.

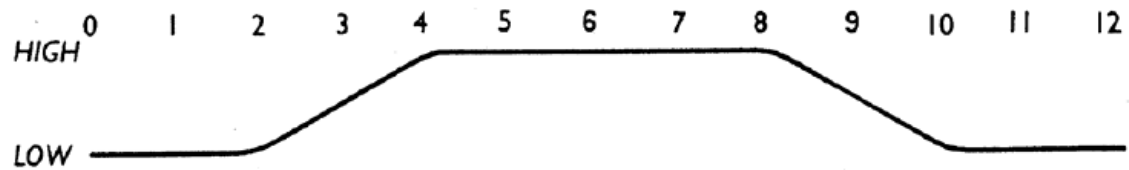
THE "CARRY ON"



Blow the high note for one second then drop to the low note for one second and finish abruptly. Do not let it trail away.

Reason for the pipe The "Carry On" is used in conjunction with the still and may follow a verbal order.

"PIPING THE SIDE"



Start low and work up to the high note gradually, continue the high note for four seconds and gradually return to the low note.

Reason for the pipe – In years gone by, when gangways were much more cumbersome and "wooden" ships' decks were high above the water-line, the only method of coming aboard when the ship was not alongside, was to climb ropes or a rope ladder. This was not considered suitable for Captains and Senior Officers, many of whom were portly and generally unfit. It was therefore necessary to hoist these personages in-board into a boat or a special chair. The first call gave the order for the lowering of the chair over the side so that the Senior Officer was not kept waiting but could get into the chair immediately the boat was alongside. The second call was given to hoist the chair. Orders were passed to the seamen manning the falls (ropes for hoisting or lowering the chair) by the "Boatswain" on his Call. The low note indicated to the men on the falls that they were to hoist or lower away slowly and carefully, (until the chair was well clear of obstructions) and the high note told them to work faster. Nowadays, ships carry gangways that can easily be rigged, so the need to hoist has ceased but the custom of piping still remains.

PERSONAGES ENTITLED TO BE PIPED OVER THE SIDE

NTC Personnel when in Full Uniform

- ❖ Corps Patron, Commodore, and Vice Commodore
- ❖ NTC Personnel of the rank 1st Officer or Above
- ❖ NTC Personnel in Command of a Unit without holding the rank of 1st Officer

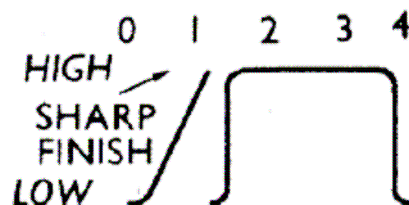
The following when in Royal Navy or Royal Marines Uniform:

- ❖ Royal Navy Officers of Flag Rank
- ❖ Royal Navy Officer in Command of HM Ships and Shore Establishments
- ❖ Foreign Naval Officers

Royalties

- ❖ Her Majesty the Queen
- ❖ Members of the Royal Family

THE "GENERAL CALL" OR "GENERAL ORDERS"



Start Low and work quickly up to the highest note, then break off abruptly, which will take a second, again start at the Low note, work up quickly to the high note which should be continued for two seconds, then come down quickly to the low note and finish abruptly.

Reason for the pipe - This pipe will require a verbal order. This is known as "passing the pipe"; literally the word pipe refers to the spoken word. The Carry On does NOT follow this pipe.

"THE HAIL"

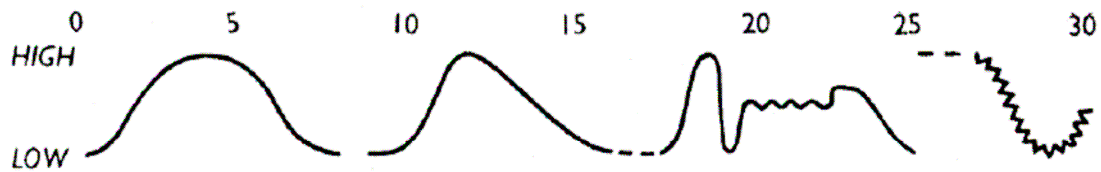
HIGH 0 1 2 3 4 5

LOW

Sound between five and seven short sharp high notes, or until the pipe is acknowledged.

Reason for the pipe – Occasionally used to attract the attention of a particular person in an unobtrusive manner, for example the coxswain of a boat, other members of the gangway staff or to call the Officer of the Day / Duty Officer.

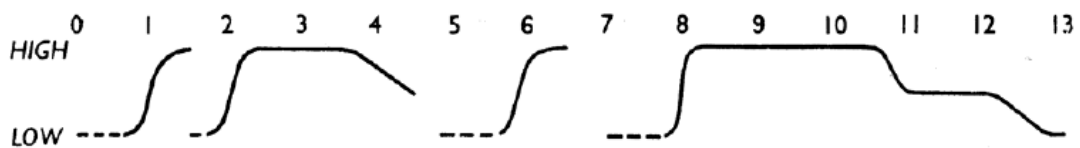
THE "DINNER CALL"



This pipe is for the experts. It is long and requires plenty of practice and breathing control if it is to be piped well.

Reason for the pipe - The pipe is sounded for Officers Dinner. It is NOT Followed by a verbal pipe. For the lower deck, for breakfast, tea and supper times, the "**General Call**" will be piped followed by a verbal pipe such as "**Hands to Breakfast, Tea or Supper**".

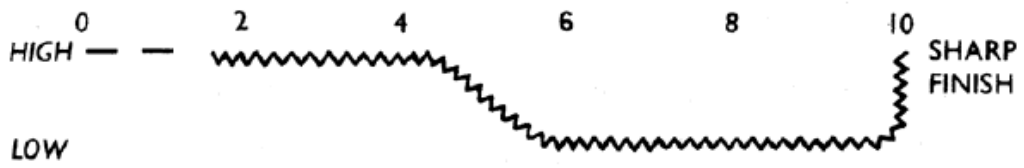
THE "STOW" OR "SPECIAL CALL"



This pipe is also for the experts. It is long and requires plenty of practice and breathing control if it is to be piped well.

Reason for the pipe – Precedes the "Calling of the Hands" and is followed by the order "Heave Ho, Heave Ho, Lash up and stow, All Hands turn out".

"PIPE DOWN"



Although the two notes before the long trill are only short notes, they should be sounded with great emphasis to attract attention to the rest of the pipe.

