



Guideline for replacing

Saracom whistles with

TYFON®



1 Introduction

As you may or may not know Korean Whistle manufacturer SARACOM has declared bankruptcy. This is a guideline in order to replace SARACOM whistles with Kockum Sonics TYFON.

In many cases the existing control unit and push buttons, morse keys and manoeuvring lamps etc can be kept.

Very often a ship is equipped with two horns one air driven horn and one electrical. This guideline has been written in order to assist when a replacement of SARACOM unit is considered. Depending on what type of horn that needs replacement certain data has to be known for us in order for us to produce the unit as fast as possible.

1.1 AIR HORN Replacement guide

If replacing an air horn we need to know the following in order to replace the air horn:

Air supply pressure:

(Service air system 6-9 Bar or starting air system 16-30 Bar)

Voltage for solenoid valve to operate horn:

Normally 230V AC (50 or 60Hz) or 115V AC (50 or 60Hz) or 24V DC

Voltage for heating element:

Normally 230V AC (50 or 60Hz) or 115 (50 or 60Hz) or 24VDC

Voltage for emergency solenoid if connected:

(Normally not connected)

LOA (length overall) of ship:

Just to double check that the correct type of horns is picked.

SARACOM Whistle: LOA of Ship		TYFON replacement
WA-11/143	>200m	MKT 150/110
WA-21/138	<200m	AT 150/200
WA-26/138	<200m	AT 150/330
WA-31/130	20-75m or	MKT 75/260 MKT 75/350
WA-4100	<20m or	MKT 75/350 MKT 75/440



1.2 ELECTRICAL HORN replacement guideline

If replacing an electrical horn we need to know the following in order to replace the air horn.

Supply voltage for ships with LOA from 75m and upwards
660-690V AC 3-phase (50 or 60Hz) or
440V AC 3-phase (50 or 60Hz) or
380V AC 3-phase (50 or 60Hz)

Control voltage for contactor unit (for MT or MTX):
230V AC or 115V AC 1-phase (50 or 60Hz)

Supply voltage for ships with LOA <75m:
ETD 100/350 24V DC
LP75 230V AC

LOA (length overall) of ship: Just to double check that the correct type of horns is picked.

SARACOM Whistle:	LOA of Ship	TYFON replacement
WE-12/143	>200	MTX 150/130
WE-22/138	75-200	MT 150/130
WE-22A/138	75-200	MT 150/130
WE-34/130	20-75 or	ETD 100/350 LP75

Datasheets for above products are attached on the following pages:

Best Regards,

Kockum Sonics AB
Sweden