# **Human Performance Improvements**



# EC Recreational Craft Directive (94/25/EC as amended by 2003/44/EC) Examination Report

This is to certify that the:

## Recreational Craft

As described below

Name and Address of Manufacturer (or Qingdao Shunyu Yacht Co.,Ltd Authorised Representative)

Liquanzhuang Industrial park, Laixi city

Qingdao, Shandong, China

Craft Description / Model SY-380

Length / Beam 3.80 m / 1.70 m

Load (people + baggage) 6 people + 150 kg baggage

Max Engine Power / Weight 22.0kW (30 hp) / 50 kg

Total Load People + baggage + engine

Stability Standard used ISO 6185-3

Category

Report Reference HPi/014-058-01

has been assessed and found to be in conformity with the requirements of the European Recreational Craft Directive Annex VI (Module Aa, option 1). This Certificate is valid in any European Economic Area Member State.

920 kg

This report has been issued by HPi which is a body notified to the European Commission according to the provisions of the Recreational Craft Directive (Notified Body Number 1521).

This report is issued following the assessment of a representative example or examples of the Recreational Craft type submitted in accordance with the provisions of the above regulations.

Certificate No: HPi/014-058-01

 $\epsilon$ 

1521

Approval Date: 18 May 2010

Director

Technical Director

The builder of the craft to which this report applies must inform HPi of any proposed changes that could affect any of the assessed Essential Safety Requirements. Failure to do this will invalidate the report.



## **Human Performance Improvements**

920 kg (people + baggage + engine)



22.0 kW (30 hp) / 50 kg

# RECREATIONAL CRAFT ASSESSMENT REPORT FORM

RECREATIONAL CRAFT DIRECTIVE - 94/25/EC as amended by 2003/44/EC

NAME AND ADDRESS OF BUILDER (or AUTHORISED | LOCATION OF INSPECTION | REPORT NO

REPRESENTATIVE)		Builder's Premises		HPi/014-058-01	
Qingdao Shunyu Yacht Co.,Ltd					
Liquanzhuang Industrial park,Laixi city,Qingdao,					
Shandong,China	W 140 BOAR DAY P.				
DESCRIPTION	SY-380				
Maker			Standard	ISO	6185-3
Length / Beam	3.80m / 1.70m		Category	С	
Crew Limit	6people + 150kg baggage		RCD Module	Aa	

#### REPORT

Max Engine

Power/weight 50 kg

### Introduction

Total Load

The SY-380, manufactured by Qingdao Shunyu Yacht Co., Ltd falls within the scope of the Recreational Craft Directive when used for recreational purposes in the European Economic Area, and appropriate conformity assessment procedures must be applied. At 3.80 m long and when used in Category C water, Module Aa is an appropriate conformity assessment module.

### Scope

Undertake an Aa assessment of the SY-380 as required by the Recreational Craft Directive for Category C water and issue the necessary documentation.

## Contents / Results

The results of stability and buoyancy tests for the SY-380 were found to show that the boat meets the requirements of the Recreational Craft Directive for stability and buoyancy for Category C water.

#### Recommendations

The stability and buoyancy of the SY-380, has been assessed and found to meet the requirements of the Recreational Craft Directive for Category C water. As a consequence of this Examination Report No HPi/014-058-01 has been issued. This report can be used for all craft of this model, provided that no changes are made that could affect the stability and buoyancy of the craft. HPi must be informed of any changes to subsequent craft that could invalidate this inspection report.

Signature

T.J. Egginton Name

1. S. Essul

Date of Report 18 May 2010 Assessment / Inspection Engineer HPi Verification

