



M\Y HAPPY DAYS
ISA 47m 2005

MAIN CHARACTERISTICS

The vessel will have the following main characteristics

- *Built:* 2005
- *Builder:* ISA Yachts, Italy
- *Hull Material:* Steel
- *Superstructure Material:* Aluminium
- *Hull Type:* Mono Hull, Displacement
- *Deck Material:* Teak
- *Build Port:* Ancona, Italy

Design & Architecture:

- *Exterior Design:* Walter Franchini Architetto
- *Interior Design:* Cristiano Gatto Design
- *Naval Architecture:* ISA Yachts

Main dimensions

- Length overall	Mts	47.50
- Length at water line	Mts	41.20
- Breadth mld	Mts	8.60
- Breadth max (at rub rail)	Mts	8.90
- Moulded depth	Mts	4.50
- Gross tonnage	GRT	498

Full load displacement and draft

- Light displacement	Tons.	401
- Fuel oil	Tons.	55
- Lube oil	Tons.	2
- Fresh water tanks	Tons	10
- Crew/Passengers/provisions	Tons.	8
- Ship store	Tons.	8
- Full load displacement	Tons.	484
- Draft at full load (from B.L.)	Mts	2,50
- Draft at full load (including skeg)	Mts	3,10

Tanks capacity

- Fuel oil tanks	litres	69,000
- Fuel oil trim tanks	litres	20,000
- Dirty oil tank	litres	1000
- New oil tank	litres	1,150
- Fresh water tanks	litres	15,000
- Grey/Black water tanks	litres	11,100
- Sludge tank	litres	800
- Bilge tank	litres	3,700

Main Engines

Two MTU 12V 4000 M70 each by max power of kW 1740 at 2000 rpm

Total Power Output: 3,504 kW | 4,698 HP

Speed

- maximum speed of 16.70 knots with MM/EE at max power of 3480 KW and 2000 rpm
- continuous speed of 15.50 knots with MM/EE at continuous power of 2250 KW
- cruising speed of 14.50 knots with MM/EE at power of 1700 KW

Range

- 1800 miles at 15 knots
- 2300 miles at 14 knots
- 2700 miles at 13 knots
- 3150 miles at 12 knots
- 4100 miles at 11 knots

ACCOMODATION:

- *Guests:* Up to 12
- *Crew:* 9 members, including captain
- *Staterooms:* 5
- *Crew Cabins:* 5

ARRANGEMENT**Owner's party:**

- N. 1 Owner's suite
- N. 3 Guest cabins (double bed)
- N. 2 Guest cabins (twin bed)

Ship's complement:

- N. 1 Captain cabin with one bed
- N. 4 Crew's cabins with two beds each

MAIN GENERATORS

The main generating plant shall consist of two diesel generators of kW 125 each, having the following specification:

Model	Kokler 125 EFOF
Rated output	125 kW
Rated voltage	AC 400 V
Frequency	50 Hz
Number of phases	3
Power factor	0.8
RPM	1500
Rating	Full load continuous
Insulation	Class H
Protection	IP 21
Screening	Grade N
Voltage constant	+/- 2%
Construction form	NEMA MG 1-22
Max intake air	45 deg. C
Intake sea water	32 deg C
Starting system	24 V D.C.

The vessel is also equipped with an emergency diesel generator Kohler 55EFOZ of 55 kW 380 VAC 50 Hz at 1500 rpm.

STABILIZERS

One set of electro-hydraulic driven non retractable type anti-rolling fins

FOREDECK HANDLING ARRANGEMENT

One electro-hydraulic crane on foredeck handling an air inflatable boat with specification and equipment in compliance with MCA (for Yachts < 500 GRT) model Castoldi Jet 15 with diesel engine.

TENDERS

Tender model CASTOLDI Jet 21, having the following specifications:

Length	6.4	m
Beam	2.60	m
Max Height	1.12	m
Max Weight	1.6	tons

WAVE RIDERS

Two wave riders (one 3 seats and one stand-up type)





















RAIL (INCLUDING RUB RAIL)	L.O.A. = 47.50 m
LENGTH	L.W.L. = 41.81 m
BETWEEN PERPENDICULARS	L.P.p. = 40.80 m
BREADTH	B = 8.60 m
DEPTH	D = 4.50 m
DRAFT	T = 2.60 m
MENT	△ = 484 ton
PEED	V = 18.8 knots
INES POWER	PI = 2 x 1740 KW
RACING	σ = 0.60 m

IF / MODIFICAZIONE	DATE	NAME
DIMENSIONI PRINCIPALI (MAIN DIMENSIONS)		
47.50 L.M.A. 5.60	2007/04/04 15.00	modificato
INTERIOR DESIGN		
CRISTIANO GATTO		
EXTERIOR DESIGN		
STUDIO DI ARCHITETTURA WALTER FRANCHINI		
GENERAL ARRANGEMENT		
GENERAL SCALE		
GENERAL SCALE	1:75	BY CONSENT OF
TUTTI I DIRITTI SONO RISERVATI ALLA SEA-TECH CONSULTING S.R.L.		

This diagram provides a detailed cross-section of the ship's hull, revealing the internal layout. Key features include the engine room at the stern, fuel tanks, and various compartments for crew and passengers. The diagram illustrates the structural integrity and internal organization of the vessel.