



ZODIAC INTERNATIONAL

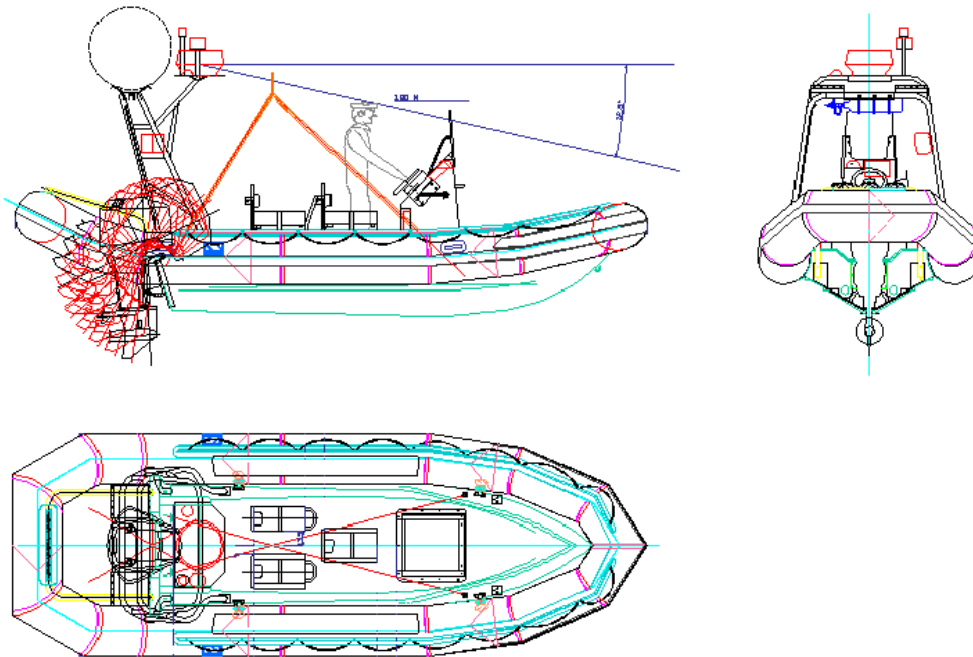
DIVISION MARINE

SEA RIB MARINE & NAVY

ZODIAC 550 SRMN Wraparound collar

P/N Zxxxx

Rev 0 – 2 feb 04
TECHNICAL DATA SHEET



Zodiac's SRMN were originally built for Military use so their hulls are reinforced to take the maximum G forces that are applied when fully laden and powered at maximum speed. These Sea Ribs are simple, functional and tough. The collar is a heavy-duty neoprene hypalon with Zodiac's special intercommunicating valves. The total deck area is open and reinforced allowing installation anywhere of our wide range of steering consoles, bolsters and other equipment.

The 550 SRMN with wraparound collar is designed to be safely launched from the stern ramp of a patrol vessel. The buoyancy tube provides more buoyancy at the aft during the launching and recovery operations, although it behaves like a conventional collar in navigation, allowing the boat to go 30+ knots with a 90 hp OB engine.

The overall appearances of the watercraft depicted in this document are trademarks of Zodiac

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BOAT DEFINITION

CAPACITY

. maximum number of persons (ISO6185) :	14	14
. maximum payload including engine and fuels (ISO6185) :	1270 kg	2800 lb
. floorboard usable area :	4.2 m ²	45.2 sq ft
. buoyancy volume :	2660 l	94 cu ft

DIMENSIONS

. overall length :	6.25 m	20'6"
. inside length :	4.20 m	13'09"
. overall width :	2.18 m	7'02"
. inside width :	1.18 m	3'10"
. weight empty (no accessories) :	330 kg	727 lb
. weight with accessories* and 90 hp engine (no fuel) :	720 kg	1587 lb
. buoyancy tube diameter :	0.50 m	1'8"
. hull storage dimensions :	5.50x1.55x0.80 18'x5'11"x2'8"	

SAFETY / INFLATION

. number of airtight compartments :	5	5
. inflation pressure :	0.24 bar	3.4 P.S.I.
. intercommunication / inflation valves :	4	4

ENGINE POWER

. shaft length :	L	20"
. recommended power :	67 kW	90 HP
. maximum power :	87 kW	120 HP
. maximum engine weight :	175 KG	386 lbs

* : stand up console, 2 single jockey seat with fuel tank, 1 single jockey seat with storage, aft frame with self righting system, transom well, 90 hp 2 strokes engine, battery, nav instruments.

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BUOYANCY TUBE- (GLUED ON, WRAPAROUND STYLE)

BUOYANCY TUBE CONSTRUCTION

- . fabric : navy gray , 1 880 dtx, polyamid, hypalon neoprene
- . intercommunication inflation valves : 4
- . teardrop all around rubbing strake : 1
- . additional bow rubstrake : 1

HANDLING

- . lateral carrying handles : 2 + 2
- . bow carrying handle (nickel brass) : 1
- . exterior lifeline, on lacing cuff : 1 all around

HULL (NAVY GREY)

HULL CONSTRUCTION

- . glass reinforced plastic : yes
- . deck w/all surface reinforcements : yes
- . hull drain : 1
- . buoyancy foam, closed cells : 139 I
- . bow protection profile, neoprene : 1

TRANSOM

- . self-bailers, large flow, w/ scuppers : 2
- . engine transom pad (plywood) : 1
- . engine aluminium mounting plate : 1
- . trim tabs, GRP, bolted on transom : 1
- . cross leg reinforcements : 2
- . supporting frame for aft collar section, aluminum, black : 1
- . transom well, aluminum, black : 1

LIFTING & TOWING

- . bow towing rings on hull : 2
- . bow lifting rings on hull : 2
- . transom lifting rings : 2
- . bow mooring eye : 1

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ACCESSORIES

- . foot pump : 1
- . repair kit : 1
- . paddles with support : 2

OPTIONS

- . green buoyancy tube (1670 dtx)
- . self righting system
- . antenna support on aft frame
- . console
- . jockey seat with fuel tank



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