

## USER'S MANUAL - Magnetic compass for navigation RIVIERA type URANIA 4 "

Dear Customer,

in thanking you for your preference and trust in our products, we wish to inform you that this marine magnetic compass has been designed and built to perfection in the RIVIERA srl factory in Genoa.

After manual assembly, it was subjected to tests and quality controls in accordance with the requirements of the Italian shipping register, RINA. It is made with materials that have proven to guarantee its functioning aboard boats for many years.

**Keep this manual together with the on-board documents.**

### GENERAL FEATURES

**Apparent diameter 4 "(100 mm)**  
**Mounting: binnacle or flush**  
**Dial gradation 5 ° or 2 °**  
**Dial colors: black or blue**  
**Front or rear reading**  
**LED lighting 12V (24V on request), blue color as standard**  
**Anti-glare screen**  
**Internal gimbal suspension**  
**Built-in manual compensation**  
**3 years warranty**  
**100% repairable**  
**Weight: 1,700 Kgs approx.**

### CERTIFICATIONS

The MED Directive 2014/90 / EU (and its subsequent amendments) covers the main equipment and materials that are intended to be used on board seagoing (non-military) vessels.

The distinctive marking for these products is the "Wheelmark". The technical rules applicable to marine equipment come from three sources: the Convention for the Safety of Life at Sea (SOLAS), the Resolutions of the International Maritime Organization (IMO) and the European Standards (EN).

**The RIVIERA class B compasses of the URANIA type (with the exception of the BU8, BU9 and BU10 models) have been certified in accordance with MED 2014/90 EU and HOMOLOGATED by ministerial decree (588/2000) as part of the mandatory on-board equipment for navigation beyond 6 MILES from the coast.**

**RIVIERA URANIA: This Type of compasses is Certificated as lifeboats and rescue boats equipment.** Any MED certificate for the single compass must be requested when ordering and cannot be issued after supply.

### INSTALLATION

The way to install a Riviera magnetic compass differs depending on the model. Please read the following carefully.

To install the purchased compass on board, in addition to the specific operations linked to the model and indicated in the attachment, keep in mind the following:

- 1) Choose the installation site so that it is as far away as possible from magnetic fields, or other moving ferrous masses.
- 2) Before connecting the two LED lighting wires to the on-board system, check the correspondence of the network voltage.
- 3) At the end of the installation, have the compensation of the RIVIERA compass performed by an authorized professional.

### BINNACLE MOUNT MODELS

According to the models, follow the instructions contained:  
only in Annex A for the assembly of models BU2 - BU4 - BU6 - BU7  
only in Annex B for the BU5 model  
only in Annex C for the BU9 model



# USER'S MANUAL - *Magnetic compass for navigation RIVIERA type URANIA 4 "*

## FLUSH MOUNT MODELS

For the models that must be mounted flush by cutting a boat wall (BU1 - BU3 - BU8 - BU10), refer to the on board mounting scheme contained in the box.

## BU3

To fix the compass to the dashboard, the cover flange must be lifted. To facilitate the operation, two slots have been provided on the right and left sides. Use a slotted screwdriver and insert it inside a slot. Rotate in any direction and repeat the same procedure on the opposite side. The flange will rise and you can remove it completely. Insert the compass in the seat and fix it using the holes as per the drilling diagram provided. Reposition the cover flange paying attention to the correct insertion, in order to avoid breaking the retaining forks. As a confirmation and indication, check that the RIVIERA logo placed on the flange is in the direction of the stern of the boat.

## COMPENSATION & MAINTENANCE

Riviera compasses are calibrated for zone A. On request, when ordering, they can be calibrated for zone B or C.

After installation on board, compass compensation must be carried out by a professional authorized by the local Maritime Authority who will operate on the screws accessible through the lower transverse holes. Clean the Riviera compass with a soft cloth moistened with fresh water.

## REPAIR

For the purposes of forfeiture of the warranty terms and for your safety, any repairs may be carried out only and exclusively by the manufacturer. In case of need, please contact RIVIERA Srl - [info@rivieragenova.com](mailto:info@rivieragenova.com)

## PACKAGING

The RIVIERA URANIA compass is delivered in protective packaging suitable for international shipping  
1 box dim.19x19x20 cm total weight Kgs.1,700

## LIQUID

The liquid contained in the RIVIERA compasses is stable in the temperature range from -30 ° to + 60 ° C. In this range there should be no bubbles, this is guaranteed by an elastic membrane that compensates for volumetric variations. The liquid is Shell SolD / 70 (petroleum).



**ATTENTION: Never unscrew the filler plugs and screws for any reason. The only screws to adjust are those of the compensators (with a non-magnetic screwdriver). When the cut of the compensator screws is in the horizontal position the compensation is neutral, bringing the cut in the vertical position is maximum.**

## Certificate of Warranty



This document is valid as a guarantee certificate.

The company RIVIERA srl Genoa guarantees that its compasses are built in a workmanlike manner and that they are free from manufacturing and material defects.

If within 36 months from the date of manufacture (stamped on the flange) the product should show malfunctions, the company will repair or replace it, at its sole discretion, free of charge.

The warranty is void if the damage is caused by improper use, incorrect installation or accidental breakage.

The warranty does not cover any costs deriving from assembly or disassembly of the products, transport of the same and expenses for technical personnel, even if attributable to manufacturing defects.

In the event of a dispute, the competent court is the court of Genoa.

## ALLEGATO A (ATTACHMENT A) - Istruzioni - (Instructions) BU2-BU4-BU6-BU7

Seguire scrupolosamente le indicazioni seguenti:

1. Per sollevare la bussola dalla sua chiesuola allentare le viti laterali della calotta.
2. Togliere la calotta antiriflesso.
3. Svitare **solo le due viti a taglio**. Per non danneggiare la bussola le viti a croce non devono essere allentate per nessun motivo.
4. Riavvitare le viti laterali della calotta, con queste, fare leva verso l'alto per estrarre la bussola dalla sua chiesuola.
5. Fissare la chiesuola all'imbarcazione utilizzando i 4 fori di fissaggio e le viti in dotazione.
6. Reinserire la bussola all'interno della chiesuola e fissarla tramite le due viti a taglio.
7. **Attenzione: i due elementi a croce sono i supporti dei magneti di compensazione e NON devono essere mai toccati da persone inesperte.**

Strictly follow the instructions below:

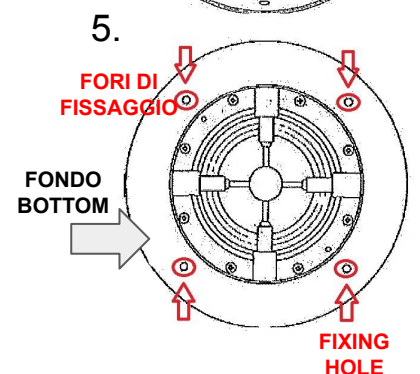
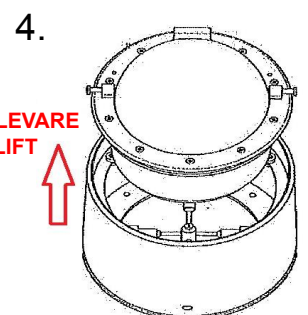
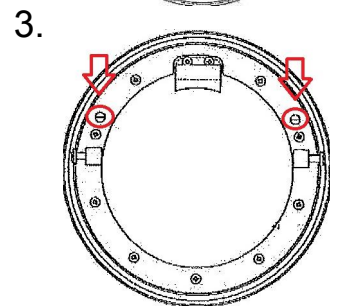
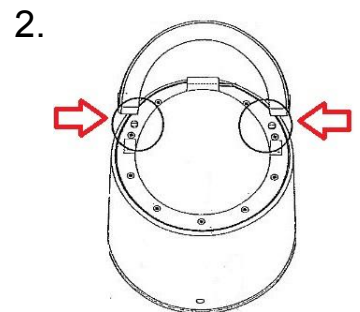
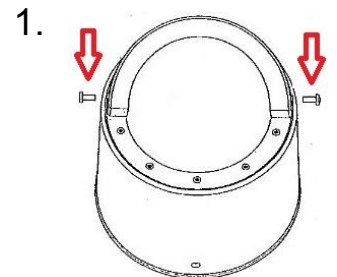
1. To lift the compass from its binnacle, loosen the screws on the side of the hood.
2. Remove the anti-reflective hood.
3. Unscrew **only the two slotted screws**. In order not to damage the compass, the Phillips screws must not be loosened for any reason.
4. Re-tighten the lateral screws of the cover, with these, lever upwards to extract the compass from its binnacle.
5. Secure the binnacle to the boat using the 4 fixing holes and screws provided.
6. Reinsert the compass inside the binnacle and fix it with the two slotted screws.
7. **Attention: the two cross elements are the supports of the compensation magnets and must NEVER be touched by inexperienced people.**

Suivez strictement les instructions ci-dessous :

1. Pour soulever le compas de son habitacle, desserrez les vis sur le côté du capot.
2. Retirez le capot antireflet.
3. **Dévissez uniquement les deux vis fendues**. Afin de ne pas endommager le compas, les vis cruciformes ne doivent en aucun cas être desserrées.
4. Resserrer les vis latérales du couvercle, avec celles-ci, lever vers le haut pour extraire le compas de son habitacle.
5. Fixez l'habitacle au bateau à l'aide des 4 trous de fixation et des vis fournis.
6. Réinsérez le compas à l'intérieur de l'habitacle et fixez-la avec les deux vis à fente.
7. **Attention : les deux éléments transversaux sont les supports des aimants de compensation et ne doivent JAMAIS être touchés par des professionnelles.**

Siga estrictamente las siguientes instrucciones:

1. Para levantar la brújula de su bitácora, afloje los tornillos en el lateral de la capota.
2. Retire la capota antirreflejante.
3. **Desatornille solo los dos tornillos ranurados**. Para no dañar la brújula, los tornillos Phillips no deben aflojarse por ningún motivo.
4. Vuelva a apretar los tornillos laterales de la tapa, con estos, haga palanca hacia arriba para extraer el casquillo de su bitácora.
5. Fije la bitácora a la embarcación utilizando los 4 orificios de fijación y los tornillos proporcionados.
6. Vuelva a insertar la brújula dentro de la bitácora y fíjelo con los dos tornillos ranurados.
7. **Atención: los dos elementos transversales son los soportes de los imanes de compensación y NUNCA deben ser tocados por personas inexpertas.**



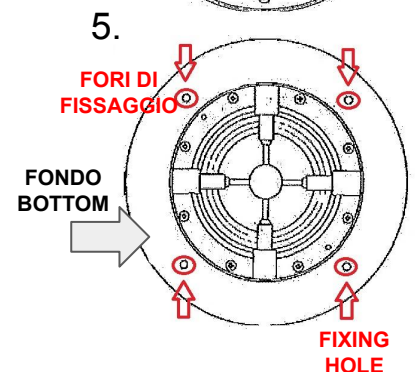
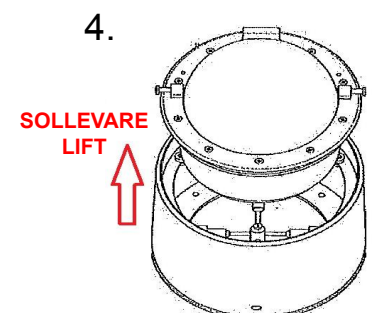
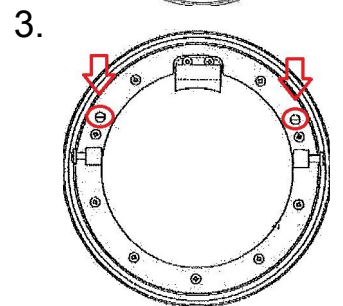
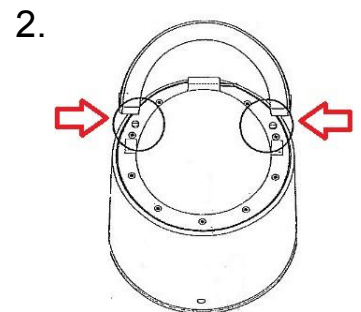
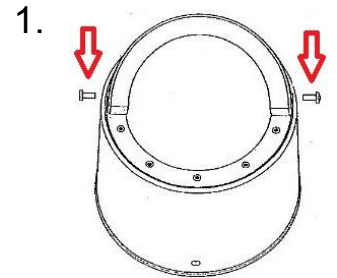
## ALLEGATO A (ATTACHMENT A) - Istruzioni - (Instructions) BU2-BU4-BU6-BU7

Befolgen Sie strikt die folgenden Anweisungen:

1. Um den Magnetkompass aus seiner Halterung zu heben, lösen Sie die Schrauben an der Seite der Haube
2. Entfernen Sie die Antireflexhaube
3. **Lösen Sie nur die beiden Schlitzschrauben.** Um den Magnetkompass nicht zu beschädigen, dürfen die Kreuzschlitzschrauben keinesfalls gelöst werden.
4. Ziehen Sie die seitlichen Schrauben der Abdeckung wieder fest und hebeln Sie diese nach oben, um den Magnetkompass aus seinem Gehäuse zu ziehen.
5. Befestigen Sie die Binnacle mit den 4 mitgelieferten Befestigungslöchern und Schrauben am Boot.
6. Setzen Sie den Kompass wieder in das Gehäuse ein und befestigen Sie sie mit den beiden Schlitzschrauben.
7. **Achtung: Die beiden Querelemente sind die Träger der Kompensationsmagnete und dürfen NIEMALS von unerfahrenen Personen berührt werden.**

Строго следуйте приведенным ниже инструкциям:

1. Чтобы снять магнитный компас с нактоуза, ослабьте винты сбоку бленды.
2. Снимите антибликовый колпак.
3. **Отвинтите только два винта со шлицем.** Чтобы не повредить магнитный компас, винты с крестообразным шлицем ни в коем случае нельзя ослаблять.
4. Снова затяните боковые винты крышки, подняв их рычагом вверх, чтобы извлечь магнитный компас из нактоуза.
5. Прикрепите нактоуз к лодке с помощью 4 крепежных отверстий и винтов, входящих в комплект.
6. Снова вставьте компас в нактоуз и закрепите его двумя винтами со шлицем.
7. **Внимание: два поперечных элемента являются опорами компенсационных магнитов и НИКОГДА не должны прикасаться к ним неопытными людьми.**





## ALLEGATO B (ATTACHMENT B) - Istruzioni - (Instructions) BU5

Seguire scrupolosamente le indicazioni seguenti:

1. Per sollevare la bussola dalla sua chiesuola **svitare solo le 3 viti a taglio**. Per non danneggiare la bussola le viti a croce non devono essere allentate per nessun motivo.
2. Sollevare la bussola dalla sua chiesuola.
3. Fissare la chiesuola all'imbarcazione utilizzando i 4 fori di fissaggio e le viti in dotazione.
4. Reinserrire la bussola all'interno della chiesuola e fissarla tramite le 3 viti a taglio.
5. **Attenzione: i due elementi a croce sono i supporti dei magneti di compensazione e NON devono essere mai toccati da persone inesperte.**

Strictly follow the instructions below:

1. To lift the compass from its binnacle **unscrew only the 3 slotted screws**. In order not to damage the compass, the Phillips screws must not be loosened for any reason.
2. Lift the compass from its binnacle.
3. Secure the binnacle to the boat using the 4 fixing holes and screws provided.
4. Reinsert the compass inside the binnacle and fix it with the 3 slotted screws.
5. **Attention: the two cross elements are the supports of the compensation magnets and must NEVER be touched by inexperienced people.**

Suivez strictement les instructions ci-dessous :

1. Pour soulever le compas de son habitacle, **dévissez uniquement les 3 vis fendues**. Afin de ne pas endommager le compas, les vis cruciformes ne doivent en aucun cas être desserrées.
2. Soulever le compas de son habitacle.
3. Fixez l'habitacle au bateau à l'aide des 4 trous de fixation et des vis fournis.
4. Réinsérez le compas à l'intérieur de l'habitacle et fixez-la avec les 3 vis à fente.
5. **Attention : les deux éléments transversaux sont les supports des aimants de compensation et ne doivent JAMAIS être touchés par des professionnelles.**

Siga estrictamente las siguientes instrucciones:

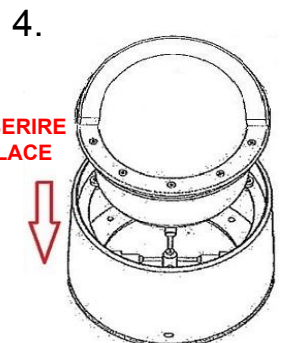
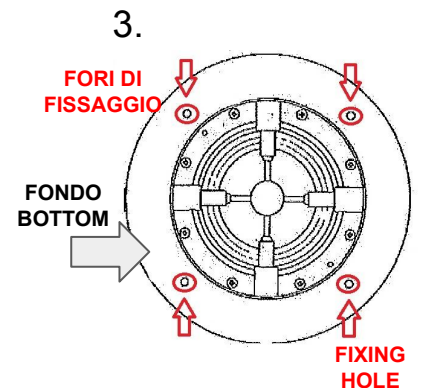
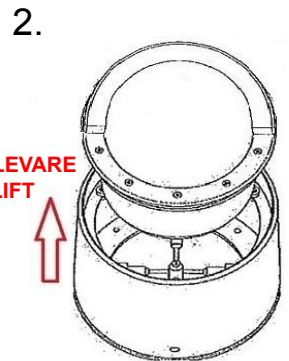
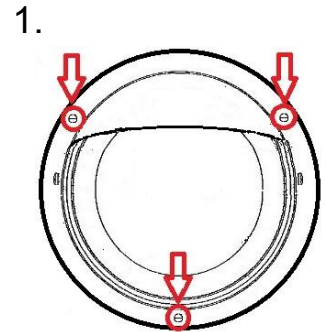
1. Para levantar la brújula de su bitácora, **desatornille solo los 3 tornillos ranurados**. Para no dañar la brújula, los tornillos Phillips no deben aflojarse por ningún motivo.
2. Levantar la brújula de su bitácora.
3. Fije la bitácora a la embarcación utilizando los 4 orificios de fijación y los tornillos proporcionados.
4. Vuelva a insertar la brújula dentro de la bitácora y fíjelo con los 3 tornillos ranurados.
5. **Atención: los dos elementos transversales son los soportes de los imanes de compensación y NUNCA deben ser tocados por personas inexpertas.**

Befolgen Sie strikt die folgenden Anweisungen:

1. Um den Magnetkompass aus seiner Halterung zu heben, **lösen Sie nur die 3 Schlitzschrauben**. Um den Magnetkompass nicht zu beschädigen, dürfen die Kreuzschlitzschrauben keinesfalls gelöst werden.
2. Magnetkompass aus seiner Halterung zu heben.
3. Befestigen Sie die Binnacle mit den 4 mitgelieferten Befestigungslöchern und Schrauben am Boot.
4. Setzen Sie den Kompass wieder in das Gehäuse ein und befestigen Sie sie mit den 3 Schlitzschrauben.
5. **Achtung: Die beiden Querelemente sind die Träger der Kompensationsmagnete und dürfen NIEMALS von unerfahrenen Personen berührt werden.**

Строго следуйте приведенным ниже инструкциям:

1. Чтобы снять магнитный компас с нактоуза, **Отвинтите только 3 винта со шлицем**. Чтобы не повредить магнитный компас, винты с крестообразным шлицем ни в коем случае нельзя ослаблять.
2. Снять магнитный компас с нактоуза.
3. Прикрепите нактоуз к лодке с помощью 4 крепежных отверстий и винтов, входящих в комплект.
4. Снова вставьте компас в нактоуз и закрепите его 3 винтами со шлицем.
5. **Внимание: два поперечных элемента являются опорами компенсационных магнитов и НИКОГДА не должны прикасаться к ним неопытными людьми.**



## ALLEGATO C (ATTACHMENT C) - Istruzioni - (Instructions) BU9

Seguire scrupolosamente le indicazioni seguenti:

1. Per sollevare la bussola dalla sua chiesuola, allentare le 2 viti laterali con la testa a croce.
2. Sollevare la bussola dalla sua chiesuola.
3. Fissare la chiesuola all'imbarcazione utilizzando i 4 fori di fissaggio e le viti in dotazione.
4. Reinserrire la bussola all'interno della chiesuola e fissarla tramite le 2 viti con la testa a croce.
5. Applicare la flangia copri viti. L'applicazione è ad incastro.
6. **Attenzione: i due elementi a croce sono i supporti dei magneti di compensazione e NON devono essere mai toccati da persone inesperte.**

Strictly follow the instructions below:

1. To lift the compass from its binnacle, loosen the 2 side Phillips screws.
2. Lift the compass from its binnacle.
3. Secure the binnacle to the boat using the 4 fixing holes and screws provided.
4. Reinsert the compass inside the binnacle and fix it with the two Phillips screws.
5. Apply the cover flange. The application is interlocking.
6. **Attention: the two cross elements are the supports of the compensation magnets and must NEVER be touched by inexperienced people.**

Suivez strictement les instructions ci-dessous :

1. Pour soulever le compas de son habitacle, desserrez les 2 vis cruciformes.
2. Soulever le compas de son habitacle.
3. Fixez l'habitacle au bateau à l'aide des 4 trous de fixation et des vis fournis.
4. Réinsérez le compas à l'intérieur de l'habitacle et fixez-la avec les 2 vis cruciformes.
5. Appliquez la bride du cache-vis. L'application est imbriquée.
6. **Attention : les deux éléments transversaux sont les supports des aimants de compensation et ne doivent JAMAIS être touchés par des professionnelles.**

Siga estrictamente las siguientes instrucciones:

1. Para levantar la brújula de su bitácora, afloje los 2 tornillos Phillips..
2. Levantar la brújula de su bitácora.
3. Fije la bitácora a la embarcación utilizando los 4 orificios de fijación y los tornillos proporcionados.
4. Vuelva a insertar la brújula dentro de la bitácora y fíjelo con los 2 tornillos Phillips..
5. Aplique la brida de la cubierta del tornillo. La aplicación está entrelazada.
6. **Atención: los dos elementos transversales son los soportes de los imanes de compensación y NUNCA deben ser tocados por personas inexpertas.**

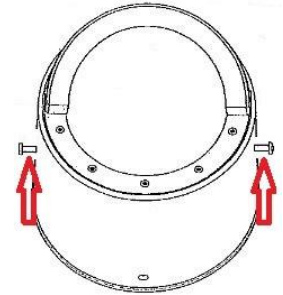
Befolgen Sie strikt die folgenden Anweisungen:

1. Um den Magnetkompass aus seiner Halterung zu heben, Lösen Sie die 2 seitlichen Kreuzschlitzschrauben.
2. Magnetkompass aus seiner Halterung zu heben.
3. Befestigen Sie die Binnacle mit den 4 mitgelieferten Befestigungslöchern und Schrauben am Boot.
4. Setzen Sie den Kompass wieder in das Gehäuse ein und befestigen Sie sie mit den 2 Kreuzschlitzschrauben.
5. Bringen Sie den Schraubenabdeckungsflansch an. Die Anwendung ist ineinandergreifend.
6. **Achtung: Die beiden Querelemente sind die Träger der Kompensationsmagnete und dürfen NIEMALS von unerfahrenen Personen berührt werden.**

Строго следуйте приведенным ниже инструкциям:

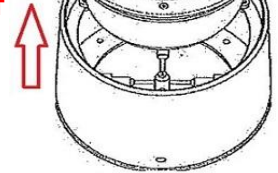
1. Чтобы снять магнитный компас с нактоуза, ослабьте 2 боковых винта Phillips.
2. снять магнитный компас с нактоуза.
3. Прикрепите нактоуз к лодке с помощью 4 крепежных отверстий и винтов, входящих в комплект.
4. Снова вставьте компас в нактоуз и закрепите его с помощью 2 винта Phillips.
5. Установите фланец крышки винта. Приложение блокируется.
6. **Внимание: два поперечных элемента являются опорами компенсационных магнитов и НИКОГДА не должны прикасаться к ним неопытными людьми.**

1.



2.

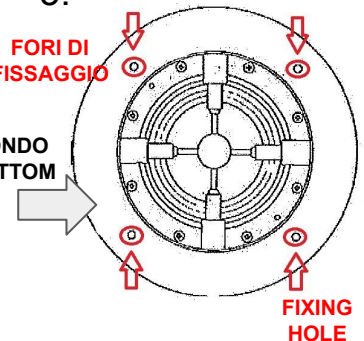
SOLLEVARE  
LIFT



3.

FORI DI  
FISSAGGIO

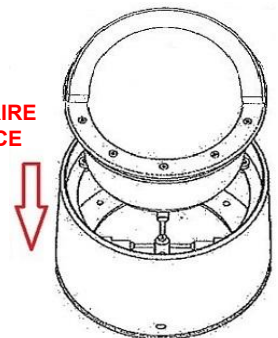
FONDO  
BOTTOM



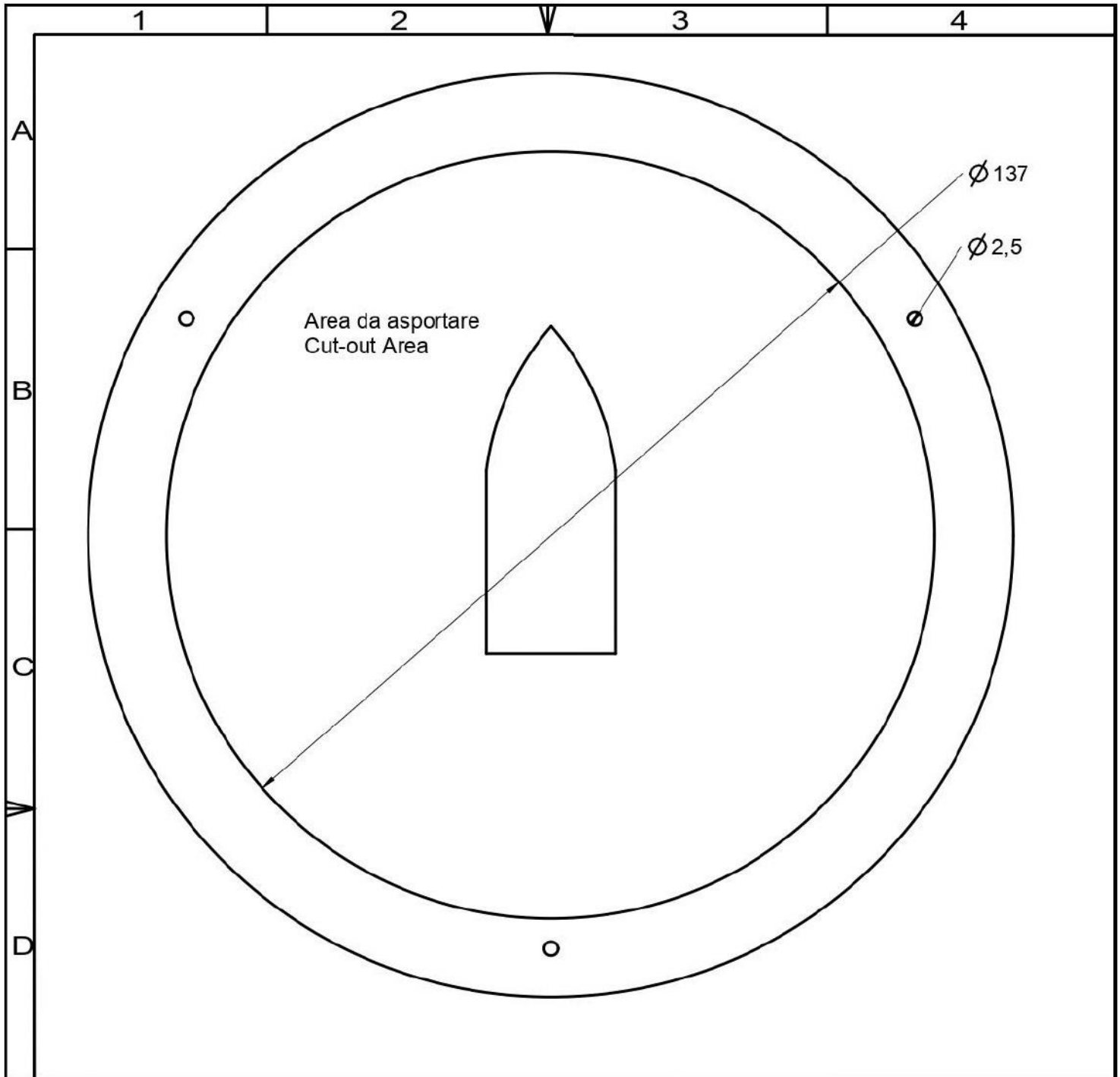
FIXING  
HOLE

4.

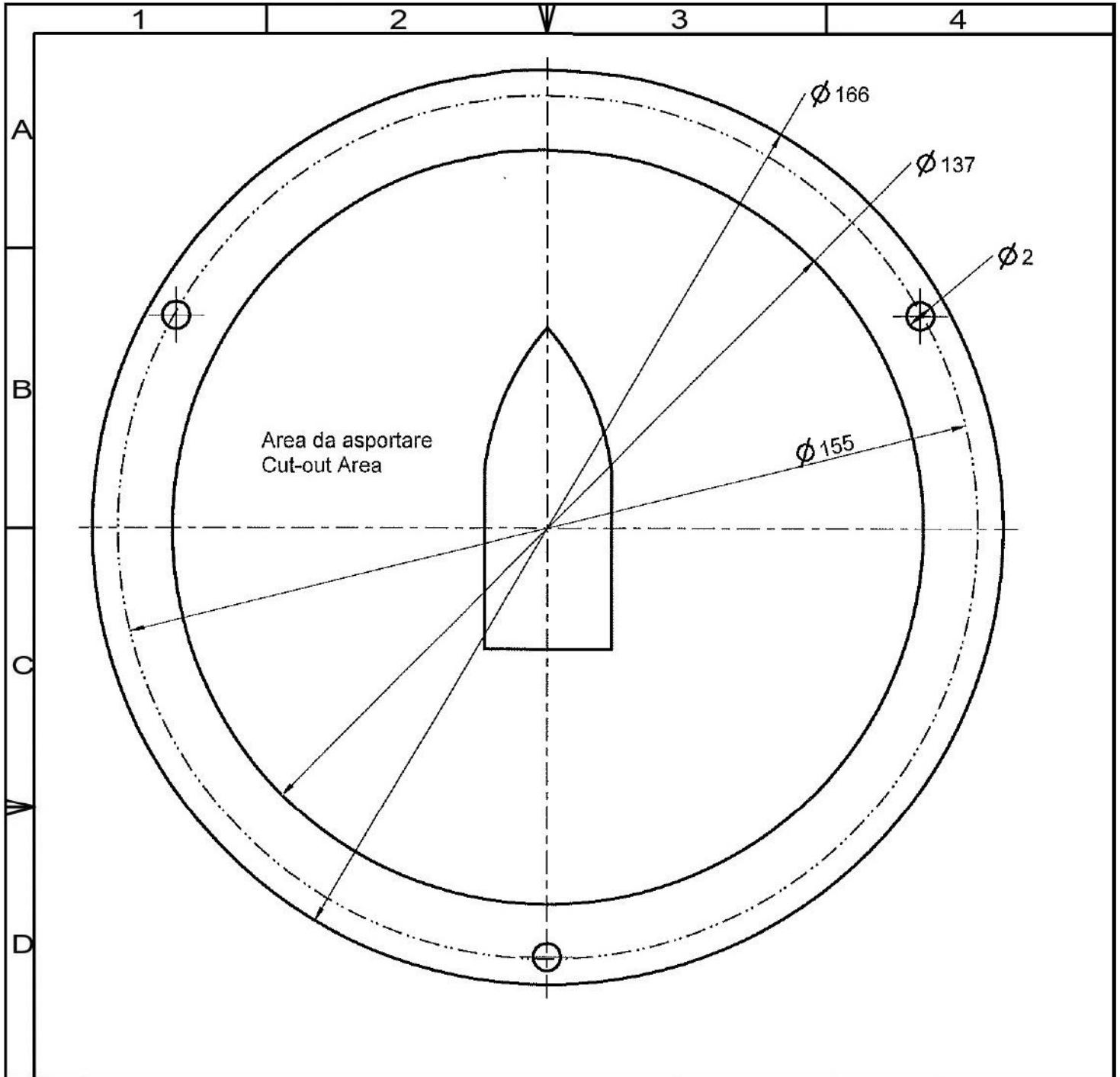
INSERIRE  
PLACE



## SCHEMA DI FORATURA (ON BOARD MOUNTING SCHEME) tipo URANIA BU1

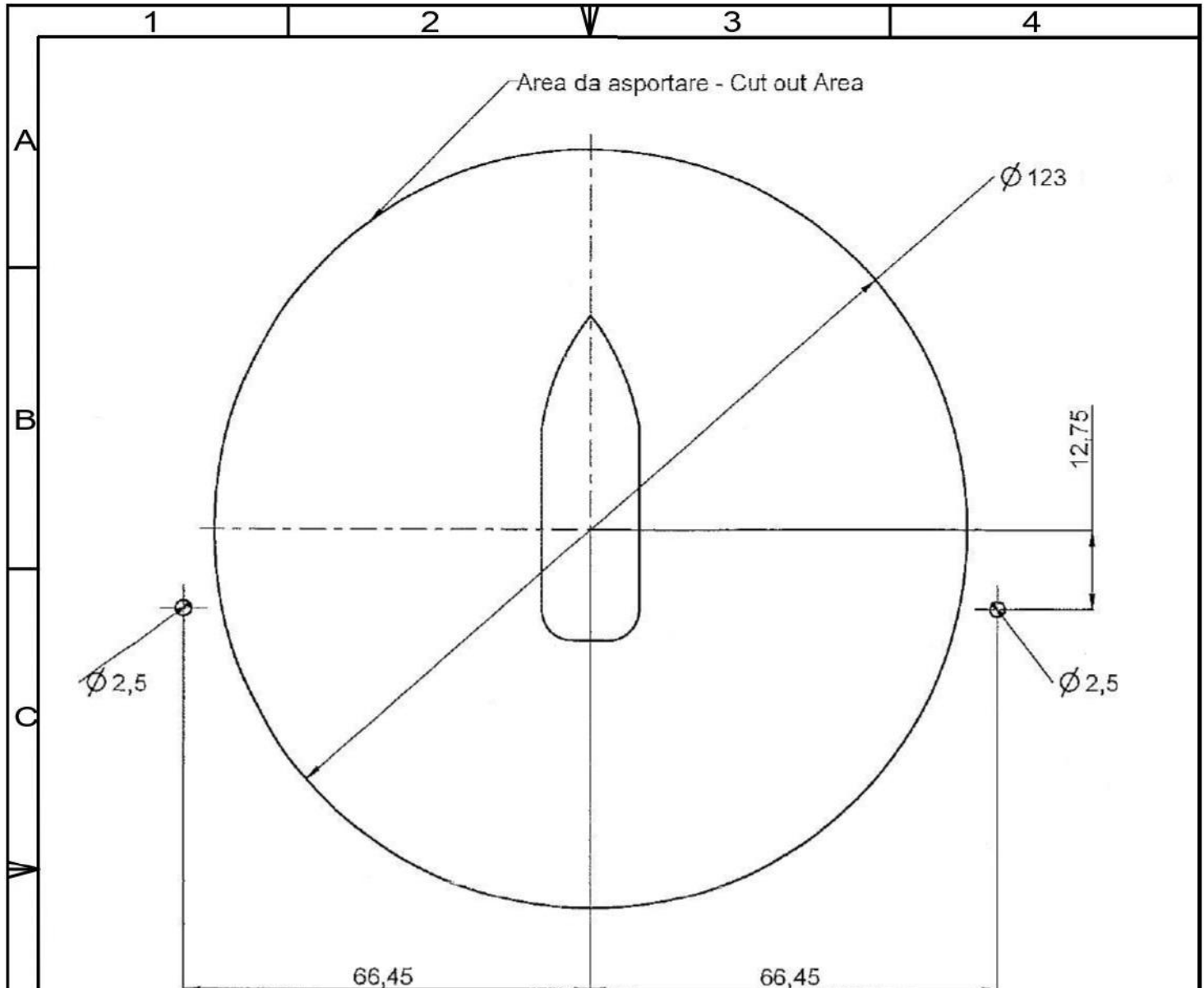


## SCHEMA DI FORATURA (ON BOARD MOUNTING SCHEME) tipo URANIA BU3 - ASTRA BAS1





## SCHEMA DI FORATURA (ON BOARD MOUNTING SCHEME) tipo URANIA BU8 - BU10



Utilizzare i fori da  $\varnothing 2,5$  mm. per il fissaggio della bussola. Non occorre smontare la flangia di copertura. Inserire la bussola nel foro praticato e avvitare le due viti.

Use the  $\varnothing 2.5$  mm. holes for fixing the compass. It is not necessary to remove the cover flange. Insert the compass in the drilled hole and fix the two screws.