

ACTIVE GYROSCOPIC ROLL-STABILISER UNIT

CLIENT INFORMATION REQUEST



Ship Dynamics produce a range of Gyroscopic Stabiliser Units to suit vessels from 20 to 100+ metres in a range of unit sizes.

Inquiry Information

When corresponding with Ship Dynamics in seeking to size a unit for a particular vessel application please provide the following information.

1. Name: _____
2. Address: _____
3. Business name: _____
4. Location: _____
5. Vessel name: _____
6. Vessel description: _____
7. New build or retrofit required?: _____
8. Number of vessels to be fitted?: _____
9. Hull length overall (LOA) [m]: _____
10. Hull beam overall (BOA) [m]: _____
11. Displacements (for range of loading conditions) [tonnes]
 - a. Loading condition 1: _____
 - b. Loading condition 2: _____
 - c. Loading condition 3: _____



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12. Metacentric height (GMt) (for range of loading conditions) [m]
- a. Loading condition 1: _____
 - b. Loading condition 2: _____
 - c. Loading condition 3: _____
13. Hull roll radius of gyration (if known, for range of loading conditions) [m]
- a. Loading condition 1: _____
 - b. Loading condition 2: _____
 - c. Loading condition 3: _____
14. Natural roll period (if known, for range of loading conditions) [s]
- a. Loading condition 1: _____
 - b. Loading condition 2: _____
 - c. Loading condition 3: _____
15. Vessel general arrangement drawing/sketch or hull description (i.e. hard chined, round chined, planning or displacement hull): _____
16. Ship based AC power voltage [V]: _____
17. Ship based AC power frequency [Hz]: _____
18. Operating speed [knots]: _____
19. Expected area of operation (at anchor, loiter speed operations, open ocean transits,):

20. Other roll damping devices or appendages fitted to hull?: _____
21. Please list any specific performance requirements: _____
22. Date required: _____
23. Delivery location: _____
24. Where did you find out about Ship Dynamics' Gyroscopic Stabilisers?: _____

