

GREATSHIP LAXMI

MT6012 MK II MULTI ROLE ROV AND SUPPORT VESSEL



Artist's Impression

Class Notation	DNV : + 1A1- EO,SSC, Dynpos-AUTR Clean, Comf-V(3), Helideck, DK(+) Naut (OSV)
Place of Build	Mazgaon Dock Limited, India
Year of Build	2010
Flag	Singapore
IMO	9483047

Main Particulars

Design	MT 6012 MK II
LOA	93.50 m
Length PP	86.60 m
Breadth Moulded	19.70 m
Depth Moulded	7.70 m
Max. Loaded Draft	6.30 m

Performance

Trial Speed	14.5 Knots
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Capacities

Deadweight	Min. 4000 tons
Net Tonnage	1475 tons
Gross Tonnage	4925 tons
Cargo Deck Dimensions	50 m x 15.85 m
Deck Area	800 m ²
Deck Strength	5-10 t/ m ²
Anti Heeling	560 m ³
Ballast Water	3345 m ³
Potable/Fresh Water	630 m ³
Miscellaneous Tanks	250 m ³
Fuel Oil	1700 m ³
Lubricating Oil	40 m ³
Freezer Room	Available
Cooler Room	Available

Deck Equipment

Capstans	2 x 10 tons hydraulic mooring
Tugger Winches	2 x 15 Tons hydraulic
Deck Crane	2 x 5T @ 15 m radius
Cargo Securing Winch	6 x 3 T

Special Operation Features

ROV Handling Capability	Launching / recovery area
Fire Fighting	Prepared for Class II
Moonpool	6m X 6.6 m

Discharge

Fresh Water	1 x 0-200 m ³ / hr at 9 bar
Ballast / Drill water	2 x 0-200 m ³ / hr at 9 bar
Anti Heeling System	1 x 1200 m ³ / hr
Fuel Oil	2 x 0-250 m ³ / hr at 9 bar

Propulsion and Machinery

Electric Driven: Power	2 X 2600 kW, 2 X 1480 kW
Electric Driven : Type	2 x Wartsila 8L26 + 2 x Wartsila 8L20
Propellers	2 x Fixed Pitch Azimuth Electric driven, 2600 kw, 2800 mm (dia)
System Voltage	690 V / 440 V / 220 V

Thruster

Bow 1	1 x 1050 kw / 900 rpm CPP, Tunnel
Bow 2	1 x 1050 kw / 900 rpm CPP, Tunnel
Bow 3	1 x 1050 kw / 900 rpm CPP, Tunnel

Auxiliary Engines

Emergency Generator	1 x diesel 189 kw, 1800 rpm
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Accommodation

Total Accommodation	100 Berths, Fully Air-conditioned
1 Man Cabin	24
2 Man Cabin	30
4 Man Cabins	4
Hospital	Yes
Day Room	1 , 36 seats
Additional Work Rooms	Workshop, Gymnasium
ROV Control Room	1
ROV Workshop	1
Coference Room	2
Offices	2

Anchoring Equipment

Windlass	2 x electric driven for anchor / mooring
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Dynamic Positioning System

DP System	Kongsberg K Pos DP 21
References	2 x DGPS 1 x Hipap 500

Offshore Crane

On Single Fall:	
Maximum Lift	100 tons at 15 m
Maximum Outreach	25 tons at 32 m
Subsea Capability	40 tons at 3000 m Depth
Type	Hydrmarine Crane Active Heave Compensated

Helicopter Deck

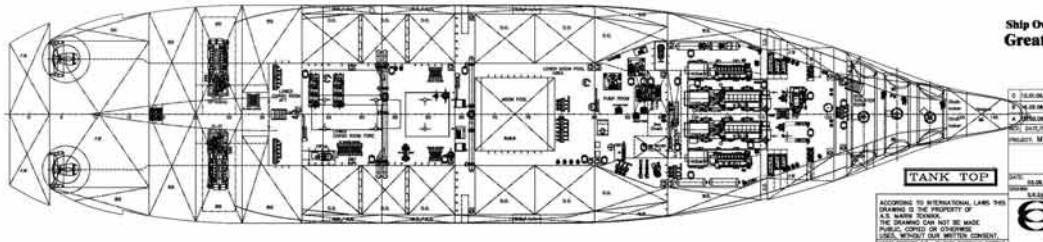
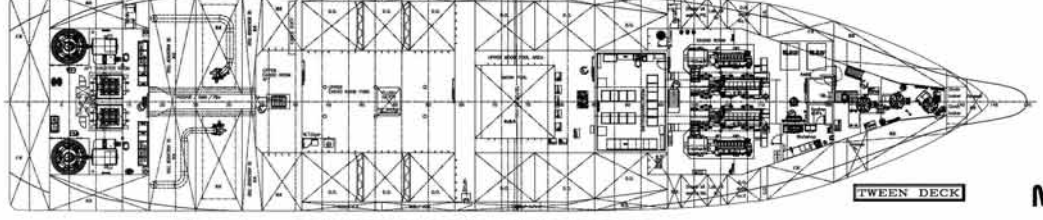
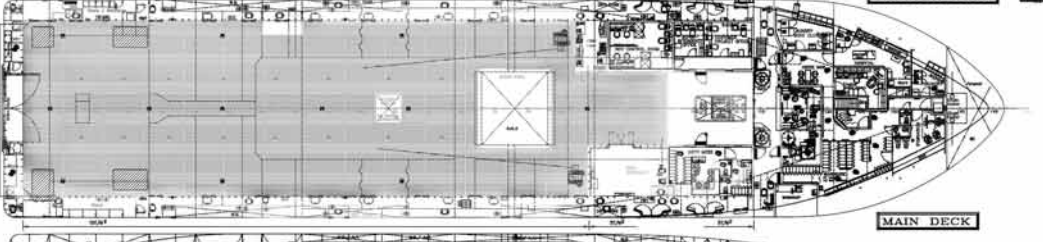
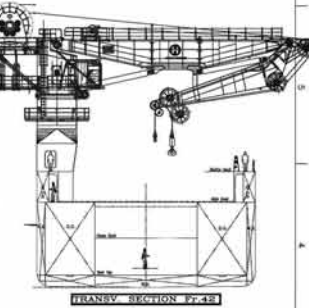
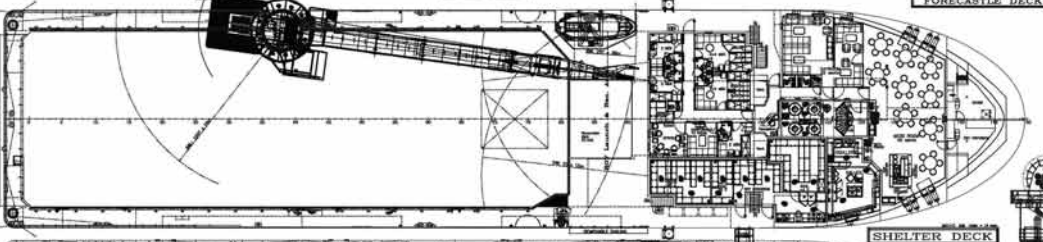
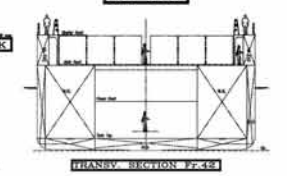
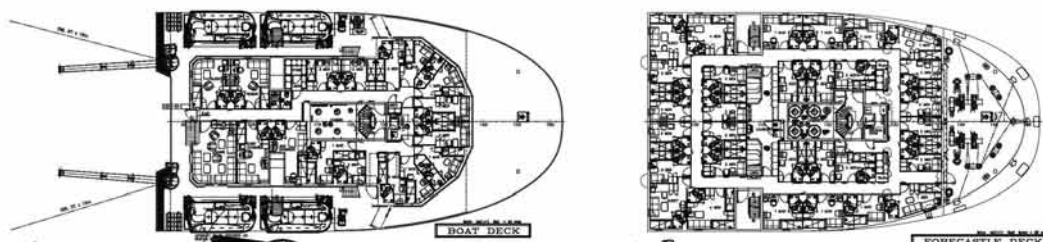
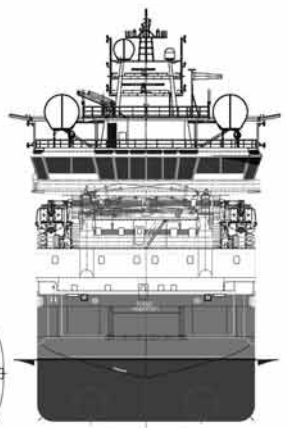
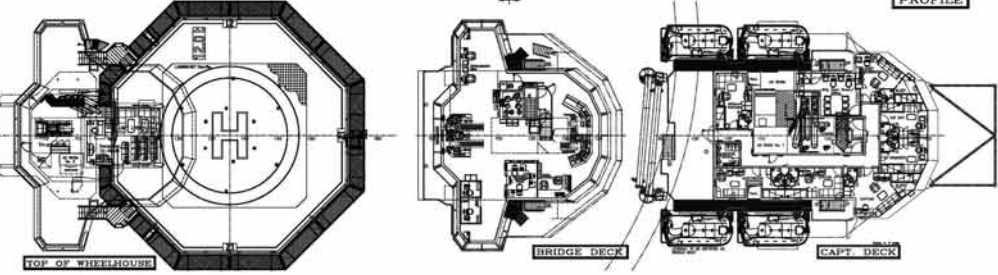
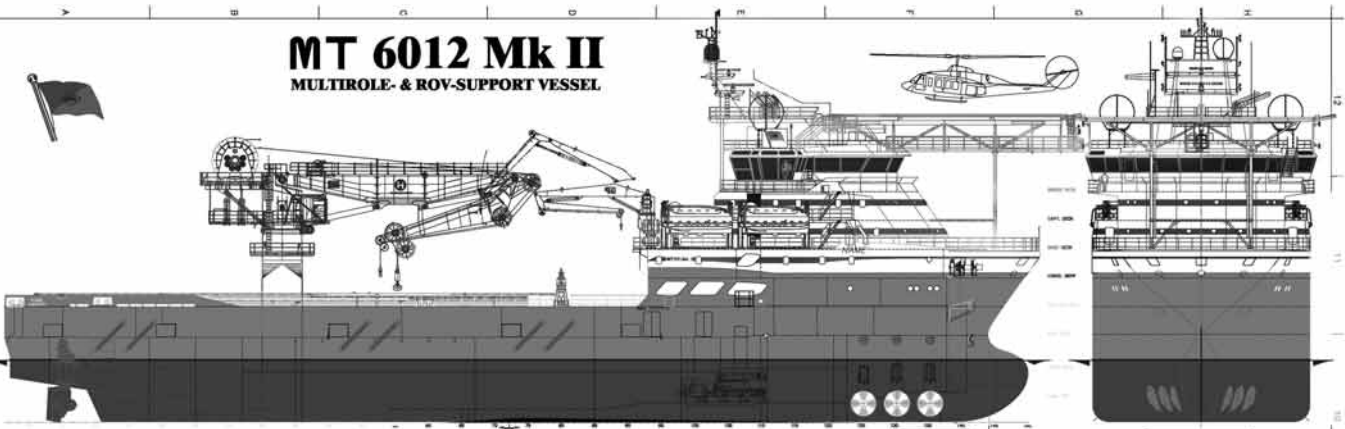
Diameter	22 m
Suitable For	Sikorsky S92 or Equivalent

Regulatory Compliance

SPS Code 2008	Yes
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The vessel specifications are subject to modifications and may change without prior notice.

MT 6012 Mk II
MULTIROLE- & ROV-SUPPORT VESSEL



MAIN DIMENSIONS:

Length o.a.:	89.80m
Length b.p.p.:	86.80m
Beam:	19.70m
Depth maindeck:	7.00m
Depth hold:	10.00m
Crane water:	400 m³
Fuel oil:	1780 m³
Dist. Heating:	564 m³
Lub oil:	40 m³
Miscellaneous tk:	850 m³
Water ballast:	2345 m³
CRF:	4000 NITrate 1870

Accommodation for 88 Pers:

- 2 x 1 man cabin
- 30 x 2 man cabins
- 2 x 4 man cabins
- 2 x 2-2 man cabins

CARGO DECK AREA (Aft of ROV Area):

- 120 x 200 x 10.80m - 800m²

MT-Design
Ship Owner:
Greatship Global Offshore Services Pte. Ltd.
Ship Yard:
Mazagon Dock Limited.

© 2018/2019/2020/2021/2022/2023/2024/2025/2026/2027/2028/2029/2030/2031/2032/2033/2034/2035/2036/2037/2038/2039/2040/2041/2042/2043/2044/2045/2046/2047/2048/2049/2050/2051/2052/2053/2054/2055/2056/2057/2058/2059/2060/2061/2062/2063/2064/2065/2066/2067/2068/2069/2070/2071/2072/2073/2074/2075/2076/2077/2078/2079/2080/2081/2082/2083/2084/2085/2086/2087/2088/2089/2090/2091/2092/2093/2094/2095/2096/2097/2098/2099/2100/2101/2102/2103/2104/2105/2106/2107/2108/2109/2110/2111/2112/2113/2114/2115/2116/2117/2118/2119/2120/2121/2122/2123/2124/2125/2126/2127/2128/2129/2130/2131/2132/2133/2134/2135/2136/2137/2138/2139/2140/2141/2142/2143/2144/2145/2146/2147/2148/2149/2150/2151/2152/2153/2154/2155/2156/2157/2158/2159/2160/2161/2162/2163/2164/2165/2166/2167/2168/2169/2170/2171/2172/2173/2174/2175/2176/2177/2178/2179/2180/2181/2182/2183/2184/2185/2186/2187/2188/2189/2190/2191/2192/2193/2194/2195/2196/2197/2198/2199/2200/2201/2202/2203/2204/2205/2206/2207/2208/2209/2210/2211/2212/2213/2214/2215/2216/2217/2218/2219/2220/2221/2222/2223/2224/2225/2226/2227/2228/2229/2230/2231/2232/2233/2234/2235/2236/2237/2238/2239/2240/2241/2242/2243/2244/2245/2246/2247/2248/2249/2250/2251/2252/2253/2254/2255/2256/2257/2258/2259/2260/2261/2262/2263/2264/2265/2266/2267/2268/2269/2270/2271/2272/2273/2274/2275/2276/2277/2278/2279/2280/2281/2282/2283/2284/2285/2286/2287/2288/2289/2290/2291/2292/2293/2294/2295/2296/2297/2298/2299/2300/2301/2302/2303/2304/2305/2306/2307/2308/2309/2310/2311/2312/2313/2314/2315/2316/2317/2318/2319/2320/2321/2322/2323/2324/2325/2326/2327/2328/2329/2330/2331/2332/2333/2334/2335/2336/2337/2338/2339/2340/2341/2342/2343/2344/2345/2346/2347/2348/2349/2350/2351/2352/2353/2354/2355/2356/2357/2358/2359/2360/2361/2362/2363/2364/2365/2366/2367/2368/2369/2370/2371/2372/2373/2374/2375/2376/2377/2378/2379/2380/2381/2382/2383/2384/2385/2386/2387/2388/2389/2390/2391/2392/2393/2394/2395/2396/2397/2398/2399/2400/2401/2402/2403/2404/2405/2406/2407/2408/2409/2410/2411/2412/2413/2414/2415/2416/2417/2418/2419/2420/2421/2422/2423/2424/2425/2426/2427/2428/2429/2430/2431/2432/2433/2434/2435/2436/2437/2438/2439/2440/2441/2442/2443/2444/2445/2446/2447/2448/2449/2450/2451/2452/2453/2454/2455/2456/2457/2458/2459/2460/2461/2462/2463/2464/2465/2466/2467/2468/2469/2470/2471/2472/2473/2474/2475/2476/2477/2478/2479/2480/2481/2482/2483/2484/2485/2486/2487/2488/2489/2490/2491/2492/2493/2494/2495/2496/2497/2498/2499/2500/2501/2502/2503/2504/2505/2506/2507/2508/2509/2510/2511/2512/2513/2514/2515/2516/2517/2518/2519/2520/2521/2522/2523/2524/2525/2526/2527/2528/2529/2530/2531/2532/2533/2534/2535/2536/2537/2538/2539/2540/2541/2542/2543/2544/2545/2546/2547/2548/2549/2550/2551/2552/2553/2554/2555/2556/2557/2558/2559/2560/2561/2562/2563/2564/2565/2566/2567/2568/2569/2570/2571/2572/2573/2574/2575/2576/2577/2578/2579/2580/2581/2582/2583/2584/2585/2586/2587/2588/2589/2590/2591/2592/2593/2594/2595/2596/2597/2598/2599/2600/2601/2602/2603/2604/2605/2606/2607/2608/2609/2610/2611/2612/2613/2614/2615/2616/2617/2618/2619/2620/2621/2622/2623/2624/2625/2626/2627/2628/2629/2630/2631/2632/2633/2634/2635/2636/2637/2638/2639/2640/2641/2642/2643/2644/2645/2646/2647/2648/2649/2650/2651/2652/2653/2654/2655/2656/2657/2658/2659/2660/2661/2662/2663/2664/2665/2666/2667/2668/2669/2670/2671/2672/2673/2674/2675/2676/2677/2678/2679/2680/2681/2682/2683/2684/2685/2686/2687/2688/2689/2690/2691/2692/2693/2694/2695/2696/2697/2698/2699/2700/2701/2702/2703/2704/2705/2706/2707/2708/2709/2710/2711/2712/2713/2714/2715/2716/2717/2718/2719/2720/2721/2722/2723/2724/2725/2726/2727/2728/2729/2730/2731/2732/2733/2734/2735/2736/2737/2738/2739/2740/2741/2742/2743/2744/2745/2746/2747/2748/2749/2750/2751/2752/2753/2754/2755/2756/2757/2758/2759/2760/2761/2762/2763/2764/2765/2766/2767/2768/2769/2770/2771/2772/2773/2774/2775/2776/2777/2778/2779/2780/2781/2782/2783/2784/2785/2786/2787/2788/2789/2790/2791/2792/2793/2794/2795/2796/2797/2798/2799/2800/2801/2802/2803/2804/2805/2806/2807/2808/2809/2810/2811/2812/2813/2814/2815/2816/2817/2818/2819/2820/2821/2822/2823/2824/2825/2826/2827/2828/2829/2830/2831/2832/2833/2834/2835/2836/2837/2838/2839/2840/2841/2842/2843/2844/2845/2846/2847/2848/2849/2850/2851/2852/2853/2854/2855/2856/2857/2858/2859/2860/2861/2862/2863/2864/2865/2866/2867/2868/2869/2870/2871/2872/2873/2874/2875/2876/2877/2878/2879/2880/2881/2882/2883/2884/2885/2886/2887/2888/2889/2890/2891/2892/2893/2894/2895/2896/2897/2898/2899/2900/2901/2902/2903/2904/2905/2906/2907/2908/2909/2910/2911/2912/2913/2914/2915/2916/2917/2918/2919/2920/2921/2922/2923/2924/2925/2926/2927/2928/2929/2930/2931/2932/2933/2934/2935/2936/2937/2938/2939/2940/2941/2942/2943/2944/2945/2946/2947/2948/2949/2950/2951/2952/2953/2954/2955/2956/2957/2958/2959/2960/2961/2962/2963/2964/2965/2966/2967/2968/2969/2970/2971/2972/2973/2974/2975/2976/2977/2978/2979/2980/2981/2982/2983/2984/2985/2986/2987/2988/2989/2990/2991/2992/2993/2994/2995/2996/2997/2998/2999/3000/3001/3002/3003/3004/3005/3006/3007/3008/3009/3010/3011/3012/3013/3014/3015/3016/3017/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