



## Check List for Performing an Annual Gyro Overhaul

*July 28, 2015; prepared by Ray Southard*

<b>Vessel Name:</b>	<b>SVC Call ID:</b>
<b>Date of Service:</b>	<b>Port and Dock:</b>

	TASK DESCRIPTION	Done?	Remarks
<b>Parts</b>	<b>Overhaul Kit:</b> Fluid, Brushes, Weights, hose; gasket, pump, cleaning supplies.		
	Sphere or Sensitive Element, just in case.		
<b>Svc</b>			
1	Inspect and record gyro data (pre-overhaul)		
2	Disassemble gyro, drain fluids.		
3	Inspect and clean sphere, contacts, slip rings		
4	Re-assemble gyrocompass.		
5	Install new supporting fluids and gasket set		
6	Restart and verify settling of gyro-sphere on Ship's heading		
7	Check and record gyro data (post overhaul)		
8	Perform routine adjustments to gyro as required.		
9	Check, adjust and verify normal operation of all associated repeaters.		
10	Demonstrate proper operation of gyro and repeaters to Ship's master.		
11	Record the following data:		
12	a. Height of the sphere		
13	b. Current		
14	c. Temperature		
15	d. Brand		
16	e. Model		
17	f. Serial # of Sphere		
18	g. Serial # of Gyrocompass		
19	h. Date installed		
20	Complete and attach service sticker.		