NOTES:

1) THIS DRAWING PROVIDES A PICTORIAL REFERENCE FOR THE HARDWARE TO BE SUPPLIED WITH THE PURCHASE OF A SEAKEEPER MODEL 21000 GYRO.

2) GYRO IS SUPPLIED WITH CONTROL BOX MOUNTED TO ITEM 1AND CABLING PRE-INSTALLED. CABLES AND HOSES TO CONNECT TO ITEM 2 COME COILED AND ATTACHED TO REAR OF GYRO.

3) ITEM NOS. 4 & 5 ARE SUPPLIED WITH 1 ELECTRICAL CABLE PERMANENTLY ATTACHED TO EACH.

4) USE THE FOLLOWING MOUNTING KITS FOR INSTALLATIONS WHERE THE GYRO WILL BE BONDED TO THE SHIP'S COMPOSITE STRUCTURE:

90085, M21000 GYRO SADDLE KIT - CONTAINS SADDLES AND HARDWARE FOR SECURING GYRO TO SADDLES. QTY 1 KIT REQUIRED FOR EACH GYRO.

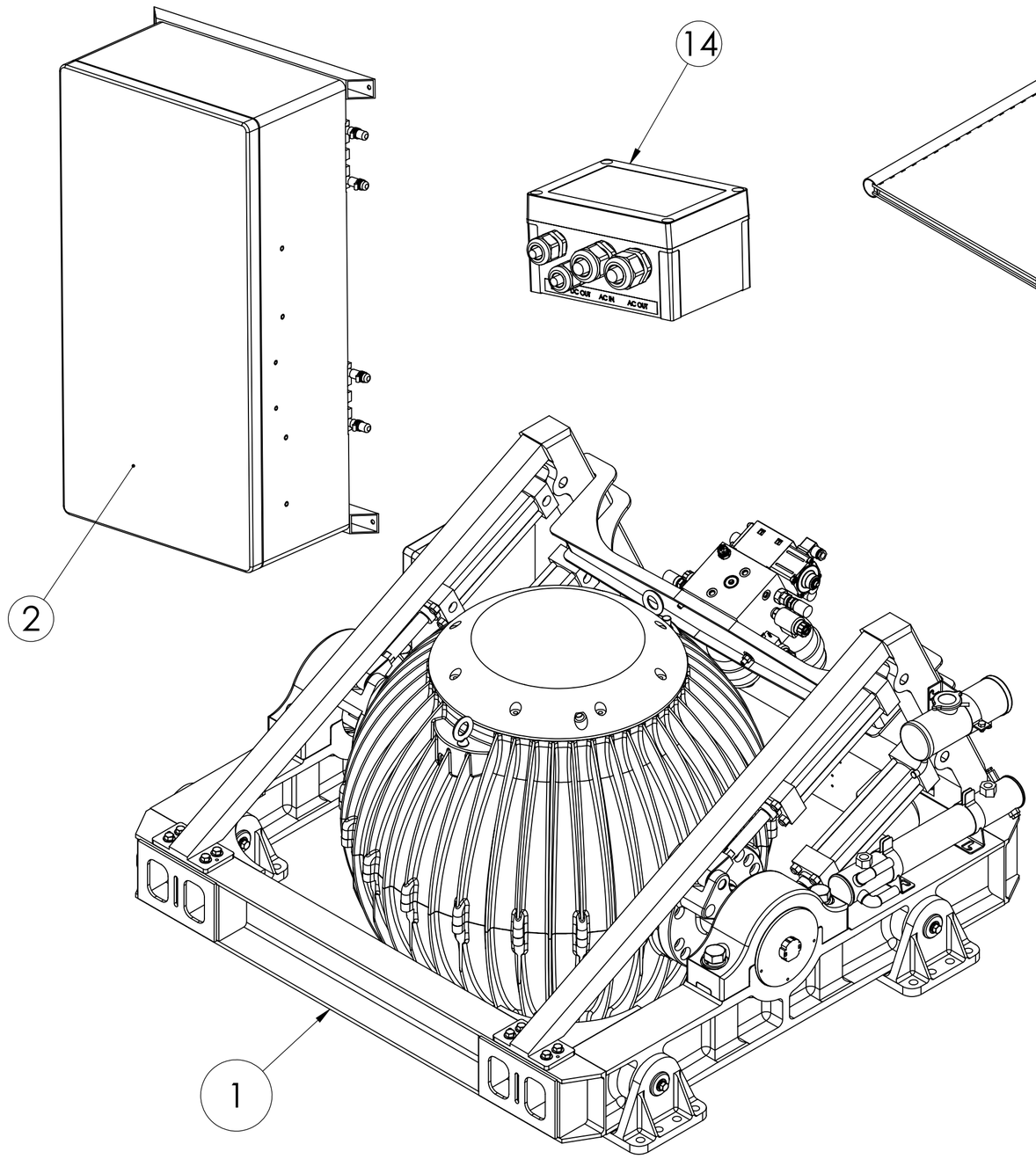
90088, M21000 GYRO SADDLE INSTALLATION FIXTURE KIT - CONTAINS COMPONENTS USED TO CORRECTLY POSITION SADDLES FOR BONDING.

5) USE THE FOLLOWING MOUNTING KITS FOR INSTALLATIONS WHERE THE GYRO FOUNDATION WILL BOLT DIRECTLY TO THE SHIP'S STRUCTURE:

90086, M21000 GYRO ISOLATION PAD KIT - CONTAINS HARD GASKETS USED BETWEEN SHIP'S STRUCTURE AND GYRO'S FOUNDATION MOUNTS TO MINIMIZE POTENTIAL CORROSION. QTY 1 KIT REQUIRED FOR EACH GYRO.

90089, M21000 GYRO BOLT-IN INSTALLATION FIXTURE KIT - CONTAINS COMPONENTS TO BE USED AS A TEMPLATE FOR TRANSFERRING HOLE CENTERS FOR DRILLING MOUNTING HOLES.

REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	APPROVED
2	PARTS LIST	1. ADDED ITEMS 17-19 TO PARTS LIST. 2. DELETED ITEM 16 FROM PARTS LIST. 3. ADDED NOTES 4 & 5.	20APR10	BHS BRD
3	PARTS LIST	1. DELETED ITEM 15 FROM PARTS LIST. 2. DELETED LAST SENTENCE FROM NOTE 5.	25MAY10	BHS BRD



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	NOTE
19	30129	EXTENSION CABLE FOR DRIVE CONTROL, 3m	1	NOT SHOWN
18	30089	EXTENSION CABLE FOR MOTOR INSTRUMENTATION, 3m	1	NOT SHOWN
17	20126	EXTENSION CABLE FOR MOTOR POWER, 3m	1	NOT SHOWN
16		THIS ITEM HAS BEEN DELETED.		
15		THIS ITEM HAS BEEN DELETED.		
14	20115	24V DELAY-OFF TIMER BOX	1	
13	30104	CONNECTOR, FIELD WIREABLE, 3-CONTACT FEMALE	1	NOT SHOWN
12	30078	CONNECTOR, ALL METAL SHIELDED, FIELD WIREABLE, 4-CONTACT MALE	1	NOT SHOWN
11	30076	CONNECTOR, ALL METAL SHIELDED, FIELD-WIREABLE, 8-CONTACT MALE	1	NOT SHOWN
10	90079	MODEL 21000 DRAWING MANUAL	1	
9	90078	MODEL 21000 OPERATION MANUAL	1	
8	90077	MODEL 21000 INSTALLATION MANUAL	1	
7	20077	SERIAL COMMS CONNECTION SHIELDED CABLE BREAK-OUT BOX ASSY	1	
6	30033	SERIAL COMMS TERMINATOR	1	
5	30025	DISPLAY	1	
4	20107	KEYPAD	1	
3	30026	SERIAL COMMS 6-WAY JUNCTION BOX	1	
2	20132	MODEL 7000A / 21000 MOTOR DRIVE BOX ASSEMBLY	1	
1	10480	MODEL 21000 GYRO ASSEMBLY	1	

THIRD ANGLE PROJECTION

PROPRIETARY AND CONFIDENTIAL

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UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±0.01
THREE PLACE DECIMAL ±.005
INTERPRET GEOMETRIC TOLERANCING PER:
MATERIAL
FINISH
DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	BRD	09MAR10
CHECKED	WED	09MAR10
ENG APPR.	JDA	09MAR10

COMMENTS:

Seakeeper
P.O. BOX 999
SOLOMONS, MARYLAND 20688, USA
PHONE: (410) 326-1590 FAX: (410) 326-1199

TITLE:
MODEL 21000 GYRO HARDWARE SCOPE OF SUPPLY

SIZE	DWG. NO.	REV
C	90050	3

SCALE: 1:10 | WEIGHT: | SHEET 1 OF 1