



ITEM	QTY	DRAWING NO	DESCRIPTION	MATERIAL
1	2	641123-205	ELEMENT SHELL	HMP-305
2	2	-	ELEMENT CORE	SYNTACTIC
3	1	641123-203	INTERNAL CLAMP	SEE DRAWING
4	2	641123-206	ELEMENT STRAP	KEVLAR / E.A.A.
5	2	641123-207	TENSIONING ASSEMBLY	ASTM A276 S32760

- GENERAL NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETERS [INCHES] U.N.O.
 - DIMENSIONS IN MILLIMETERS TAKE PRECEDENCE OVER THE ONES IN INCHES. DIMENSIONS IN INCHES ARE FOR REFERENCE ONLY AND ARE ROUNDED TO AN ACCURACY OF 1/16 OF AN INCH.
 - ALL WORK IS TO BE CONDUCTED IN ACCORDANCE WITH THE RELEVANT TRELLEBORG OFFSHORE US, INC. FABRICATION SPECIFICATION.
 - THE BUOYANCY MODULE CLAMP DETAILED IN DRAWING 641123-203 IS TO BE SECURED TO A SUBSEA LINE THAT HAS A NOMINAL EXTERNAL DIAMETER OF 55.4 mm [2 3/16 in] AND A MINIMUM BEND RADIUS OF 830 mm [32 11/16 in].
 - GENERAL PROPERTIES: [CALCULATED - COMPLETE MODULE]

DESIGN DEPTH	:	1015 m [3330 ft]
INITIAL WEIGHT IN AIR	:	CLAMP 14.2 kg [31.4 lbs]
	:	ELEMENTS 93.0 kg [205.2 lbs]
	:	TOTAL 107.3 kg [236.6 lbs]
INITIAL BUOYANCY	:	53.8 kg [118.6 lbs]
FINAL BUOYANCY	:	51.0 kg [112.5 lbs]

- REFERENCE DRAWINGS:**
- 641123-203 : INTERNAL CLAMP ARRANGEMENT
 - 641123-204 : IDENTIFICATION PANEL DETAILS
 - 641123-205 : ELEMENT EXTERNAL SHELL
 - 641123-206 : ELEMENT SECURING STRAP
 - 641123-207 : ELEMENT TENSIONING ASSEMBLY

NO.	DATE	REVISION	DRAWN	CHECK	APPRD
04	9/7/2010	UPDATE PROJECT NAME	JB	KR	DD
03	9/3/2010	UPDATE PARTS LIST TO SHOW MATERIALS	KR	JB	DD
02	8/24/2010	CHANGE DESCRIPTIVE TEXT FOR CLARITY	KR	JB	DD
01	8/11/2010	ISSUE FOR MANUFACTURE	KR	JB	DD

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CLIENT OCEANEERING
 PROJECT KIZOMBA SATELLITES 04

TITLE **DISTRIBUTED BUOYANCY MODULE
 HCL UMBILICAL GENERAL ARRANGEMENT**

SCALE NTS	DRAWN BY KR	DATE 8/11/2010	PROJECTION ☉
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PROJECT NUMBER WO6257	DRAWING NUMBER 641123-208	SHEET 1 OF 1	ISSUE 04
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