

From: Schaff, Keith  
Sent: Tue Mar 30 12:18:23 2010  
To: Clawson, Bryan R; Crane, Allison  
Cc: Gaspard, Greg  
Subject: RE: Macondo - 7" Float Equipment  
Importance: Normal

Yes the shoe was modified we removed the nose and the down jet ports then machined a bevel with a bit guide profile. This will give it a full ID opening.

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From: Clawson, Bryan R  
Sent: Monday, March 29, 2010 6:22 PM  
To: 'Crane, Allison'  
Cc: Schaff, Keith; Gaspard, Greg  
Subject: RE: Macondo - 7" Float Equipment

Al, please see the following. I will have to confirm the 7" Guide Shoe was modified.

Keith, please confirm the Guide Shoe was modified and provide new description.

RD070082C-S13/S19 - Shoe, reamer, diamond Back, 7 CSG x 8-1/4 OD, w/baffle, 11r513 32ppf

M222W70H513H112A003 - SHOE, GUIDE 7 M222W CONCENTRIC COMPOSITE DOWN JETS MIDBORE HCQ125 HYDL 513 32.0 BAR TO CAPTURE AFU TUBE, NEXEN FE REQUIREMENTS PDC DRILLABLE

M45AP70H513H12A001 - COLLAR, FLOAT 7 M45AP DOUBLE MID BORE ALUMINUM FLAPPER VALVE NR HCQ125 HYDL 513 32.0 W/ AFU TUBE, 2.000" BALL RETAINED, NEXEN FE REQUIREMENTS PDC DRILLABLE

541R0740H513H12A005- SUB, CENTRALIZER ROTATING 7 541R HCQ125 HYDRIL 513 32.00 WITH 36S (.171) BOWS 10.750 OD, EXTRA LENGTH ON PIN AND BOX, NEXEN CENTRALIZER SUB REQ (MIN. WALL - .373"), DRIFT 6.000

Regards,

Bryan Clawson  
Weatherford Cementation Sales  
Office: 281-260-1393  
Cell: 713-823-2385  
E-Mail: bryan.clawson@weatherford.com

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From: Crane, Allison [mailto:Allison.Crane@bp.com]  
Sent: Monday, March 29, 2010 11:42 AM  
To: Clawson, Bryan R  
Subject: Macondo - 7" Float Equipment

Bryan,

Can you provide me with the complete description of th items highlighted on the attached?

Thanks



## ***Al Crane***

**Materials Management Coordinator**  
**BP GoM Deepwater Exploration**  
281-366-5951  
allison.crane@bp.com

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**From:** Schaff, Keith [mailto:Keith.Schaff@weatherford.com]  
**Sent:** Friday, March 26, 2010 3:49 PM  
**To:** Crane, Allison  
**Subject:**  
Here is the nexen customer owned list!

*Keith Schaff*  
*Customer Service Rep. III*  
*Weatherford Cementation*  
*8920 Point Six Circle*  
*Houston, Texas 77095*  
*Phone: 281-859-7888*  
*Fax: 281-859-7863*  
*keith.schaff@weatherford.com*

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