



**Deepwater Horizon  
Safety Pulse Check -Report & Action Plan**

February 20<sup>th</sup> to March 26<sup>th</sup>, 2008



## Safety "Pulse Check" Process Transocean Horizon



### Process:

- Started Pulse Check on Feb 20<sup>th</sup>, 2008 and finished on March 26<sup>th</sup>, 2008.
- Distributed the Safety Pulse Check questionnaire to facility personnel
- Received 146 out of a possible 170 surveys back ( 86 %)
- Crew engagement sessions conducted (involving approx. 18 people)
- 1 Leadership team feedback session conducted (approx. 8 leaders)
- Developed an Action Plan to address safety-related opportunities for improvement (see last slide).



## Safety "Pulse Check" Positive Feedback From Teams



### Summary of positive feedback received from questionnaire & engagement sessions:

- Strong performance and safety culture is imbedded.
- Excellent team work between Transocean, 3<sup>rd</sup> party, and BP personnel.
- Excellent problem solving with emphasis on doing the job safely also.
- All rig personnel are very proud of safety and performance history.
- STOP the job culture was noted as very strong by all personnel interviewed.
- No confusion over when and to whom to report incidents.
- Good reporting culture on the rig - everyone knows to report everything.
- Crews understand and accept hand safety programs - HERO, new glove program, etc.
- BP, TOI, 3rd parties are doing a good job of trying to provide the right gloves and comply fully with all programs.
- Hazard Hunts with crews taking photos and presenting the findings are working well. Not only hands but DROPs also.



## Safety "Pulse Check" Positive Feedback From Teams



### Summary of positive feedback received from questionnaire & engagement sessions:

- Good Team work across all departments on rig, ie. Marine, Drilling, Deck.
- Galley LCD TV is good source of HSE information.
- Designated time to do start tours are given each tour.
- THINK culture is well established on the rig.
- Most jobs have THINK drills performed.
- There seems to be good participation of everyone involved in the job.
- Written and TSTP are being done more often in the last year.
- TSTPs are being updated and improved.
- Good third party participation - just as engaged as TOL
- Mentor program works - doing a good job of teaching new hands START philosophy/practice.



## Safety "Pulse Check" Identified Opportunities



- Criteria for deciding whether to have a verbal or a written THINK plan is sometimes unclear.
- SLT CD could help new TOI and 3<sup>rd</sup> parties become more familiar with TOI HSE processes.
- Trend HSE data and regularly publish it on the rig and in meetings.
- Supervisors encouraged to accompany hands on start tours. Emphasize quality of cards when START tours are performed.
- More feedback of trends is needed - would encourage more quality cards and participation if guys knew they were being looked more often. START Feedback given more often to crews in meetings weekly
- Supervisors encouraged to pick a card and revisit the topic/incident/location with the employee who wrote it



## Safety "Pulse Check" Identified Opportunities



- A process for addressing issues/hazards resulting from glove program needs to be implemented (dirty handrails, door handles, lack of dexterity, etc.) Identify jobs that are exempt from wearing gloves.
- Streamline handling and reduce investigation of minor first aids such as bumps, bruises, scrapes, blisters, minor cuts, etc. to encourage reporting.
- Possibly install a permanent computer to facilitate presentation of safety alerts, daily plan, etc. rather than just reading them to the group.
- Reinforcement of assigning specific duties to each person during THINK plan and more detailed/specific hazard identification and how to mitigate would be helpful.



## Safety "Pulse Check" Identified Opportunities



- Take turns leading THINK drills and get verbal agreement/acknowledgement of understanding before going to task
- Safety Alerts - need to increase visibility and embedding of lessons learned. Rig to recommend a better way to increase Exposure of Safety Alerts to all crew members.
- Pre Tour meetings could stand to have more structure and be more interactive with crews attending. Rig should recommend changes/improvements.
- Stop The Job - may want to implement recognition of stopping the job in pre-tours or dept safety meetings to show new hands that it is OK



## Safety "Pulse Check" Action Plan Deepwater Horizon



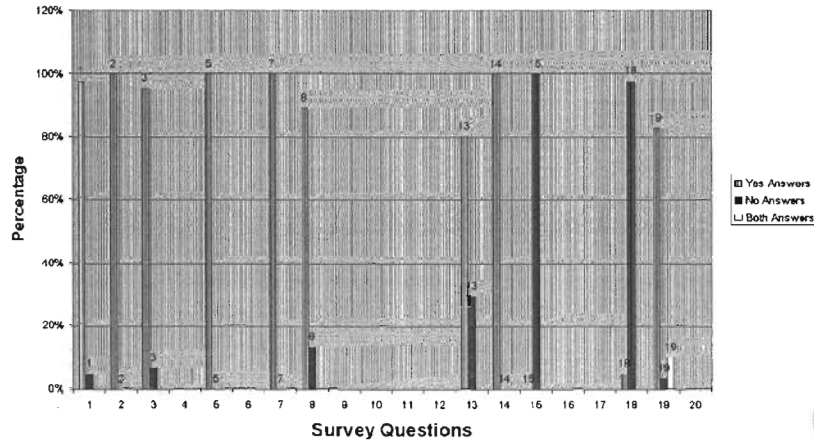
#	ACTIONS TO ADDRESS GAPS & PROMOTE CONTINUOUS SAFETY IMPROVEMENT	Resp Person	Target Date
1.	Identify personnel for Transocean Safety Leadership Class for all crew members.	Horizon RSTC	April 25th 2008
2.	Feedback given weekly by HSE personnel on START and SOC trending data.	RSTC, OSA, BP HSE Advisor	April 25th 2008
3.	Review glove policy with the objective to clarify the requirements.	Offshore Installation Manager	April 25th 2008
4.	Review 1 <sup>st</sup> Aid reporting and response process to ease and encourage reporting of minor 1 <sup>st</sup> Aid incidents.	BP and TOI Houston	TBD
5.	Expand Hazard Hunt photo learning process with Supervisors and Crews.	RSTC, OSA, BP HSE Advisor	Ongoing
6.	Re-emphasize dedicated START Tours with Supervisors / Crew and dedicated time for START process.	Horizon Supervisors	April 25 <sup>th</sup> 2008
7.	Recommend a solution on how to encourage Stop the Job participation.	Offshore Installation Manager	June 25 <sup>th</sup> 2008



# Safety "Pulse Check" Feedback Charts Deepwater Horizon



Totals Averaged



Microsoft Excel  
Worksheet