INTRODUCTION

According to the mariner safety repository of near misses the third most common report type, including the terms 'job hazard analysis' (JHA), or 'job safety analysis' (JSA) or risk assessment, is of instances where JSAs prevented accidents from occurring.

The purpose of performing a JSA is apparent, and reinforced by these data. It is encouraging to know that taking the time and effort to perform these surveys and accurately assess the situation before beginning will be of benefit.

How JSAs prevent hazards:

- Make required alterations to equipment/ task Organization
- Proper assessment of hazards
- Monitor work/environmental conditions
- Follow procedures

In the near miss repository using JSAs enabled the crew

to change the equipment, either for something more appropriate, for a tool in better condition, or to better organize the task before starting. They also allowed a proper assessment of the risks involved, hazards were noticed at this point that had not previously been considered, giving the crew an opportunity to familiarize themselves with these hazards and make necessary arrangements. These analyses also let the crew become aware of factors which may change during the task, allowing them to consciously monitor these conditions such as weather, or sea state and adjust or cease the job accordingly. Performing a JSA also gave the crew a chance to re-familiarize themselves with the procedures and therefore follow the procedures, thereby avoiding undue risk.

These reports are offering a great lesson to others, JSAs can prevent accidents. Often we use accident data to learn from others mistakes; here is an opportunity to learn from what ship crews have done right.

ABS FOUNDED 1862

LAMAR UNIVERSITY