

IMAGINE.

You have to report for work on an offshore oil rig. The helicopter is not available to take you there, only a tugboat that goes just close enough. How do you get on it? Climb? Crazy!



[Credit: Wikimedia Commons]



Checkout the **Transfer Basket**

[Teachers/parents guidance may be required]

Personnel of the offshore oil & gas industry use it to transfer themselves to and from the oil rig. Before it was created, people had to cling on to a cargo net & then hoisted to the oil rig. Dangerous? It definitely was!

What to do

Request staff to show you how to get on & off the transfer basket and explain the safety aspects – where to stand, why you have to stand at designated areas, how to hold the ropes & where to place your bags.

Questions:

- Billy Pugh designed the first transfer basket after witnessing a mishap that took the lives of two rig hands & seriously injuring another. What did Billy Pugh work as when he witnessed this accident? *[Check out this website: <http://www.bilypugh.com/>]*
- How is the transfer basket lifted from the tugboat to the oil rig?
- Can this transfer basket fit more than 4 persons?
- Are transfer baskets only used in the oil & gas industry?



TO EXPLORE

Watch these!

Offshore Basket Transfer Malaysia – HD <https://youtu.be/gocwe7gbXb0>

Personnel transfer by FROG.MOV <https://youtu.be/OxRJT0mrYk8>

Identify the safety issue(s) of the video below:

Off Shore Personnel Transfer https://youtu.be/_7tEyWIPDrY



DO YOU KNOW?

There are other types of transfer baskets besides Billy Pugh:

The Esvagt	Personnel transfer capsule
Rigid framed construction with buoyancy ring & fenders, in which personnel stand inside the basket	Rigid framed device with buoyancy panels, in which personnel sit strapped in buckets seats

*Explore online to get a better picture of how these transfer baskets look like.

- Transfer baskets as a rule are not used for Evacuation, Escape & Rescue. If they are used, the following conditions need to be met:
 - a. HSE requirements of the local authority.
 - b. Carriers are suitably marked as to the number of persons that can be carried & also have been approved by an independent verification body.
 - c. HSE have no objection in principle to the type of carriers being used.
- A system & method for evacuation must be in place from the inaugural operations of an offshore oil platform.
- Personnel can be evacuated by different means:



Freefall Lifeboat

[Credit: Wikimedia Commons]



Life Raft

[Credit: Wikimedia Commons]



Escape chute

[Credit: Youtube]



Helicopter

[Credit: Wikimedia Commons]

To do

Explore other modes of offshore evacuation.

Keywords: transfer basket, evacuation

