

Seaskimmer--

BP Builds Oil Recovery Device

The first practical system for containing and recovering oil spills in open sea conditions has been developed by British Petroleum, the Company has announced.

The system called Vikoma is being given its first public showing at the International Conference and Exposition on the Prevention and Control of Oil Spills being held in Washington D.C.

BP's Vikoma system uses a specially-designed boom which prevents spilt oil from spreading over the sea. Once contained, the Vikoma Seaskimmer picks up the oil on rotating discs and pumps it to a container.

This skimming device is currently at the experimental prototype stage, but has already recovered at the rate of about 100 tons per hour during tests at BP's Sunbury Research Centre and the Department of Trade and Industry's Warren Springs Laboratory.

The Seaskimmer is capable of riding 6 ft. seas without the pick-up discs lifting from the sea surface.

As an alternative to the use of Seaskimmer, the oil can be dispersed using an agent such

as BP 110X. Dispersal is more efficient when the oil spill is confined by the boom.

The Vikoma Seapack is a glass reinforced plastic hull containing inflation equipment and 1,600 ft. of boom. The boom design incorporates two main chambers, the upper one (27 inches in diameter) filled with air and the lower one (17 inches in diameter) filled with water.

The large volume of these chambers provides stability at the air/sea interface and ensures that oil does not leak past the barrier.

Seapack is towed down wind in the path of the oil spill and the boom is automatically paid out and inflated to form a 'U'-shaped wind trap.

The 'trap' is controlled by drogues at each end to move at a lower speed than the oil and the spill is eventually contained entirely within the boom. The total laying operation takes about twenty minutes.

It is estimated that a single boom can contain 1,000 tons of oil and several booms can be deployed to deal with larger spills. The boom has been used successfully in waves 6 ft. high and a fully deployed boom has ridden out a force 7 gale.

The Seapack is now commercially available and a production version of the Seaskimmer will be available by the end of the year.

If Your Teen-Ager Has Become a Jekyll-Hyde, Be on the Alert for Possible Drug Addiction

Has your once alert, friendly, studious teen-ager developed a Jekyll and Hyde personality?

Is he or she cheerful one day and depressed the next? Have you noticed an abnormal inclination to drowsiness and irritability, an inability to concentrate and a tendency to tell little white lies?

If your child displays any of these characteristics, you may have cause to worry, for he may be on the road to narcotics addiction. If, indeed, he is not already "hooked."

Because of widespread parental concern about drugs, the safety research department of the Combined Insurance Company of America consulted experts on narcotics to produce a set of symptoms to look for in detecting addiction.

"Actually, the signs of addiction are easy to spot, if one is really looking for them," observed W. Clement Stone, chairman and chief executive officer of Combined, who has been associated with juvenile narcotics work for more than a decade.

Stone is an adviser to Teen Challenge, a nationwide organization that works with juvenile narcotics addicts. It is headed by the Rev. David Wilkerson, the evangelist.

Generally speaking, Stone

said, Teen Challenge has found that heroin addicts display some or all of these symptoms.

Needle marks on arms or legs, watery eyes, furtive glances, chronic drowsiness, marked restlessness, upset stomach, ulcerous sores, strong body odor, habitual scratching or nose-rubbing, frequent dizziness, mental and physical deterioration, spells of preoccupation or talkativeness, depression and despondency and a persecution complex.

Government narcotics experts in the Department of Health, Education and Welfare and the National Institute of Mental Health described some obvious symptoms of the use of amphetamines, or speed. There is a tendency to talk loud and fast and pace the floor. Loss of appetite, irritability and instability also are the marks of the "speedbreak," along with lethargy, fatigue, muscle pains, ravenous hunger and depression that can lead to suicide.

One high on LSD has an increased pulse and heart rate, higher blood pressure and temperature, dilate pupils and cold, sweaty, trembling hands and feet, a pallor, chills and goose pimples often develop, along with a wet mouth, irregular breathing, nausea

and loss of appetite.

Smoking marijuana, or pot, produces increased heartbeat, coughing spasms, hunger and drowsiness.

One of the thousands of addicts who have sought help at Teen Challenge once told Wilkerson that he wished his parents had kept a closer watch over him.

"I'd check how long a kid stays in the bathroom," he said. "If he is there very long, he might be taking drugs. I used to do that."

"It's a good idea to look for some of the signs of narcotics. If arms or hand-kerchiefs have any blood on them, it might mean a kid has been using the needle. Also, when he gets high his eyes get very red, especially from marijuana, and his pupils get very small."

"People can tell from looking at you if you have been smoking pot. Dark glasses help because when a fellow is high on marijuana, he can't stand the sun. When a kid gets into the habit of wearing sunglasses all the time, it's a sign he might be using drugs."

What should a parent do when he comes to the painful conclusion that his child is "hooked?"

Wilkerson recommends that you comfort your youngster with the evidence, and then ask him if he needs and wants help.

"Above all," he counsels, "you can show him you love him and want to help him. Recriminations will only drive him deeper into drugs."

Urgent! Enroll

"It is urgent that all persons of Alaska Native descent be reminded that completed enrollment applications must be received in the Anchorage Enrollment Office no later than March 30, 1973," states BIA Area Director Morris Thompson.

Thompson emphasizes that filing an enrollment application is extremely important, as only enrolled Alaska Natives will receive benefits from the Alaska Native Claims Settlement Act. These benefits include a share of the nearly one billion dollars and forty million acres of land provided by the Act.

Anyone who is 1/4 or more Alaska Indian, Aleut, or Eskimo is eligible to enroll. Those who have not filled out the application forms are urged to do so immediately. The forms and assistance in filling them out are available at the nearest BIA office.

Completed applications should be sent to the Anchorage Enrollment Office, Pouch 7-1971, Anchorage, Alaska 99501, before the deadline - March 30, 1973.

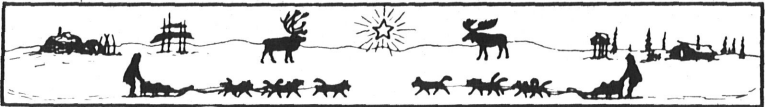
BUSH...

(Continued from page 6)

According to a Juneau observer, "The only chance of saving the budgets for these important programs, both in RDA and the Department of Economic Development, appears to lie now in the Senate."

If passed by the House, the budget will be examined by the Senate Finance Committee, headed by Senator John Sackett of Galena who is expected to lead a fight to restore bush funds for rural development.

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