

FPSO Brasil (90,000 BWPD)

Process:	Sulphate Removal
Client:	Single Buoy Moorings Inc.
Country:	Monaco, Switzerland, Brasil.
Contract Description:	Supply of membrane plant module for Sulphate Removal
Contract Date:	July 2001
Contract Completion Date:	December 2001
Capacity:	2 x 45,000 barrels/day
Sea Water Conversion:	75%
Sea Water Feed Quality:	35,000 mg/l (tds)
Product Water Output Quality:	≤ 100 mg/l sulphate



Project Description:

Turnkey supply of a sulphate removal plant for the FPSO, which will operate in the Roncador Field offshore Brazil, and is the first installation of this technology in the Brazilian oil industry.

Process Description:

Seawater is treated by a cartridge filter package prior to the membrane arrays using Dow Filmtec SR90-400 membranes. Pumps, Valves and Zeron 100 Super Duplex Piping were all provided by Weir Group companies.