CLAIMS:

1. A valved tree member for inclusion in a riser system and suitable for use with a floating vessel having a moon pool, the valved tree member comprising:-

one or more valve members adapted to selectively permit and prevent flow of fluid therethrough, and

one or more moveable stab members adapted to respectively selectively provide a sealed fluid communication path between a throughbore of the riser system and the one or more valve members,

wherein the one or more moveable stab members are arranged to selectively sealingly engage with a port provided in the riser system;

wherein the port is included in the riser system and comprises at least an aperture through a sidewall of the riser system; and

wherein the said one or more moveable stab members are arranged to selectively move radially inwards toward the longitudinal axis of the riser system in a direction substantially perpendicular to the longitudinal axis of the riser system to sealingly engage with the port such that fluid in the throughbore of the riser system is allowed to flow in a sealed manner from the throughbore of the riser system through the one or more moveable stab members and into the said one or more valves mounted on the valved tree member.

2. A valved tree member as claimed in claim 1, wherein the valved tree member comprises a body member upon which the said one or more valves are mounted and each of the one or more valve members mounted thereon comprises a longitudinal axis arranged substantially perpendicularly to a longitudinal axis of the riser system at the point at which the valved tree member is included in the riser system.

3. A valved tree member as claimed in claim 2, wherein the one or more valve members are connected to the body member by a tubular coupling having a throughbore.

4. A valved tree member as claimed in claim 3, wherein the said moveable stab member is located within the throughbore of the tubular coupling.

5. A valved tree member as claimed in any one of the preceding claims, wherein a flow diverter member is included in the riser system, the flow diverter member comprising a substantially vertical tubular member having a longitudinal axis substantially parallel with the longitudinal axis of the riser system at a point at which the flow diverter member is included in the riser system.

6. A valved tree member as claimed in claim 5, wherein the substantially vertical tubular member has the longitudinal axis substantially co-incident with the longitudinal axis of the riser system at the point at which the flow diverter member is included in the riser system.

7. A valved tree member as claimed in claim 5 or claim 6, wherein the flow diverter member further comprises a cross tubular member.

8. A valved tree member as claimed in claim 7, wherein the cross tubular member is arranged with its longitudinal axis to be substantially perpendicular to the longitudinal axis of the substantially vertical tubular member.

9. A valved tree member as claimed in claim 7 or claim 8, wherein the cross tubular member provides the port at each end thereof.

10. A valved tree member as claimed in any one of claims 7 to 9, wherein the flow diverter member comprises three or more fluid entry/exit points.

11. A valved tree member as claimed in claim 10, wherein the flow diverter member comprises four fluid entry/exit points where two are provided by each end of the substantially vertical tubular member and two are provided by each end of the cross tubular member.

12. A valved tree member as claimed in any one of claims 7 to 11, wherein respective throughbores of the cross tubular member and the substantially vertical tubular member intersect one another.

13. A valved tree member as claimed in any preceding claim, wherein the valved tree member is selectively coupled to a housing member provided on the floating vessel.

14. A valved tree member as claimed in claim 13, wherein the valved tree member comprises a selective locking system configured to selectively lock the valved tree member to the said housing member of the floating vessel.

15. A valved tree member as claimed in claim 14, wherein the valved tree member is locked to the said housing member when the riser system is being run into the body of water on which the vessel is floating, the riser system being run in through a throughbore of the valved tree member and through the moon pool of the floating vessel.

16. A valved tree member as claimed in claim 15, wherein once the one or more valves of the valved tree member are in sealed fluid communication with the throughbore of the riser system, the selective locking system is unlocked to release the valved tree member from engagement with the housing member and one or more tension supporting members are provided to support the weight of the valved tree member.

17. A valved tree member as claimed in claim 16, wherein the one or more tension supporting members permit relative movement to occur between the valved member which is secured to the riser system and the floating vessel such that the one or more tension supporting members also bear at least a portion of the weight of the riser system and thereby compensate for relative heave between the riser system and the floating vessel.

18. A valved tree member as claimed in claim 17, wherein the relative movement is substantially vertical.

19. A riser completion system comprising:-

a riser system comprising a lower in-line valve, a flow diverter member located above the lower inline valve and at least one upper in-line valve located

above the flow diverter member and a telescoping device located above the said upper in-line valve to permit compensation for heave; and

a valved tree member suitable for use with a floating vessel having a moon pool, the valved tree member comprising:-

one or more valve members adapted to selectively permit and prevent flow of fluid therethrough, and

one or more moveable stab members adapted to respectively selectively seal with at least one portion of the flow diverter member to thereby provide a sealed fluid communication path between a throughbore of the riser system and the one or more valve members,

wherein the one or more moveable stab members are arranged to selectively sealingly engage with a port provided in the riser system;

wherein the port is included in the riser system and comprises at least an aperture through a sidewall of the riser system; and

wherein the said one or more moveable stab members are arranged to selectively move radially inwards toward the longitudinal axis of the riser system in a direction substantially perpendicular to the longitudinal axis of the riser system to sealingly engage with the port such that fluid in the throughbore of the riser system is allowed to flow in a sealed manner from the throughbore of the riser system through the one or more moveable stab members and into the said one or more valves mounted on the valved tree member.

20. A riser completion system as claimed in claim 19, wherein the lower and upper in-line valves are adapted to be selectively opened or closed to respectively permit or prevent flow of fluid through the throughbore of the riser system.

21. A riser completion system as claimed in claim 20, wherein the lower in-line valves is located below the valved tree member when the one or more valves of the valved tree member are in sealed fluid communication with the throughbore of the riser system.

22. A riser completion system as claimed in claim 20 or claim 21, wherein the upper in-line valve is located between the valved tree member and the telescoping device.

23. A riser completion system as claimed in claim 22, wherein two upper in-line valves are provided.

24. A riser completion system as claimed in any one of claims 19 to 23, wherein the valved tree member is in accordance with any one of claims 1 to 22.

25. A riser completion system as claimed in any one of claims 19 to 24, wherein the flow diverter member comprises:-

a substantially vertical tubular member comprising a throughbore having a longitudinal axis substantially co-incident with the longitudinal axis of the riser system at the point at which the flow diverter member is included in the riser system; and

a cross tubular member having a throughbore arranged with its longitudinal axis substantially perpendicular to the longitudinal axis of the substantially vertical tubular member;

wherein, a lower end of the substantially vertical tubular member is coupled to a lower portion of the riser system such that, in use, fluid passing through the lower portion of the riser system is arranged to enter the throughbore of the lower end of the substantially vertical tubular member in a fluid tight manner;

an upper end of the substantially vertical tubular member is coupled to an upper portion of the riser system such that, in use, fluid passing through the upper end of the substantially vertical tubular member is arranged to enter the upper portion of the riser system in a fluid tight manner;

and wherein the throughbore of the cross tubular member is in fluid communication with the throughbore of the substantially vertical tubular member such that, in use, fluid produced from the lower portion of the riser system is permitted to flow through the end(s) of the cross tubular member and/or the upper end of the substantially vertical tubular member depending upon the configuration of valves attached thereto.

26. A riser completion system according to any of claims 19 to 24, wherein the telescoping device comprises:-

an inner member telescopingly provided in an outer member;

the inner member being moveable between three configurations in which:-

i) the inner member is locked to the outer member in a substantially closed configuration such that a substantial proportion of the inner member is located within the outer member such that the telescoping device is relatively short;

ii) the inner member is locked to the outer member in a substantially open configuration such that a substantial proportion of the inner member is located outwith of the outer member such that the telescoping device is relatively long; and

iii) the inner member is in a substantially free to move configuration with respect to the outer member such that the inner member can telescope in and out of the outer member;

characterised in that the inner member is adapted to be sealed to the outer member when in at least one of configurations i) and ii) but the seals are arranged to be clear of at least a portion of the outer member when in configuration iii).

27. A riser completion system according to claim 26, wherein the telescoping device comprises a seal member provided on one of the inner and outer members wherein the seal acts against the other of the inner and outer members to thereby provide a seal there between when the telescoping device is in at least one of the configurations i) and ii).

28. A riser completion system according to claim 27, wherein the seal member is provided on one of the inner and outer members in such a manner that the seal is clear of the at least a portion of the other of the inner and outer members to thereby not make contact with and thereby not provide a seal with the other of the inner and outer members when the telescoping device is in configuration iii).

29. A riser completion system according to claim 27 or claim 28, wherein the telescoping device comprises a selective locking system to selectively lock the inner member to the said outer member.

30. A riser completion system as claimed in claim 29, wherein the locking system comprises a dog member provided on one of the inner and outer members, the dog being moveable toward and away from the other of the inner and outer members to make contact with the other of the inner and outer members to prevent relative movement occurring therebetween.

31. A riser completion system as claimed in claim 30, wherein the dog member is provided on the outer member and is selectively moveable toward and away from the inner member to make contact with an outer portion of the inner member to prevent relative movement occurring therebetween.

32. A riser completion system as claimed in claim 30 or claim 31, wherein the outer portion of the inner member comprises a formation formed at least part way around the outer circumference of the inner member.

33. A riser completion system as claimed in claim 32, wherein the inner member comprises two said formations at or toward each end of the inner member.

34. A riser completion system as claimed in claim 33, wherein one of the inner and outer members is provided with a varied inner or outer circumference such that the seal is prevented from acting against the other of the inner and outer members when the seal is at a location in between the two formations such that the seal does not act when the telescoping device is in configuration iii).

35. A riser completion system as claimed in any one of claims 32 to 34, wherein the dog member is moved radially towards or away from the respective formation by an actuating mechanism.

36. A riser completion system as claimed in claim 35, wherein the actuating mechanism comprises at least one angled or tapered surface provided on the dog member and against which the actuating mechanism acts upon in a direction substantially parallel to a longitudinal axis of the riser system and which results in movement of the dog member in a direction substantially perpendicular to the longitudinal axis of the riser system.

37. A riser completion system as claimed in any one of claims 27 to 36, wherein the seal is mounted on a portion secured to the outer member and acts against an inner bore of the inner member.

38. A riser completion system as claimed in claim 37, wherein the seal is located within the bore of the inner member and acts against the inner surface of the bore of the inner member.

39. A riser completion system as claimed in claim 38, wherein the seal is secured within a recess provided on an outer surface of the said portion secured to the outer member and acts against the inner surface of the bore of the inner member to provide a seal therebetween when the telescoping device is in one of configurations i) or ii).

40. A method of completing a riser installation comprising the steps of:-

i) lowering a riser system from a vessel through a moon pool at the surface of a body of water to or in close proximity to the surface at the bottom of the body of water;

ii) connecting a lower inline valve toward an upper end of the riser system;

iii) connecting a flow diverter member above the said lower inline valve in the riser system;

iv) connecting at least one upper inline valve above the said flow diverter member in the riser system;

v) connecting a telescoping member above the said upper inline valve in the riser system;

vi) connecting the lower end of the riser system to wellhead equipment provided at the head of a well;

vii) providing a valved tree member suitable for use with the vessel, the valved tree member comprising one or more valve members adapted to selectively permit and prevent flow of fluid therethrough, and one or more moveable stab members wherein the riser system is run into the sea through a throughbore of the valved tree member wherein the one or more moveable stab members are arranged to selectively sealingly engage with a port provided in the riser system;

wherein the port is included in the riser system and comprises at least an aperture through a sidewall of the riser system; and

wherein the said one or more moveable stab members are arranged to selectively move radially inwards toward the longitudinal axis of the riser system in a direction substantially perpendicular to the longitudinal axis of the riser system to

sealingly engage with the port such that fluid in the throughbore of the riser system is allowed to flow in a sealed manner from the throughbore of the riser system through the one or more moveable stab members and into the said one or more valves mounted on the valved tree member;

viii) aligning and coupling the flow diverter member with the valved tree member and moving the said one or more stab members to respectively seal with at least one portion of the flow diverter member to thereby provide a sealed fluid communication path between a throughbore of the riser system and the one or more valve members;

wherein the flow of fluid produced from the upper end of the riser system is capable of being selectively diverted from flowing up through the upper end of the riser system and instead is capable of being selectively diverted through the said one of more stab members and through the said one or more valves of the valved tree member.