

DELIVERY REPORT*

**CONTROL UMBILICAL DELIVERED BY UMF MEMBERS
IN THE YEARS 2001 - 2016**

The data below is intended to provide information on the volume of control umbilical supplied to the offshore oil and gas industry and it should be noted that the data does not reflect the total world market as not all relevant umbilical manufacturers have so far joined UMF.

	YEAR															
	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>
1. Length of control umbilical with fluid conduits in km:	772	1081	848	470	688	1409	1754	973	825	875	1525	1753	1397	1485	1132	973
2. Number of control umbilical with fluid conduits:	156	189	138	63	72	222	249	160	159	245	275	300	260	284	208	186
3. Categories of control umbilical:																
3.1 Hydraulic umbilical in km	53	138	16	6	11	5	17	12	21	6	35	14	34	20	96	1
3.2 Electro-Hydraulic Umbilical in km	561	929	798	452	657	1073	1224	811	481	756	1318	949	978	886	601	460
3.3 Electro-Fibre Optical-Hydraulic Umbilical in km	158	15	35	12	20	331	513	150	324	105	161	791	363	518	426	509
3.4 Umbilicals from 3.2 and 3.3 above with medium voltage cores										48	58	73	113	366	149	75
4. Length of fluid conduits in km:																
Super duplex tubes:	3112	3808	2699	2216	4541	10605	10047	5672	7109	5565	7865	9240	7587	5277	8136	6709
Thermoplastic hoses:	3798	4210	3721	3206	3276	5232	5519	3034	1434	3042	3771	4272	4713	4644	3024	2018
Medium voltage cores										598	572	527	1022	1549	622	220
Other metallic tubes (previously Carbon steel tubes)	511	336	2488	90	70	397	132	15	372	46	331	0		57	0	845
5. Total length of tubes,cores and hoses in km:	7421	8354	8908	5512	7887	16234	15698	8720	8915	9251	12539	14039	13322	11527	11782	9792

* The information contained in this experience report is based on information collected from each of the members of UMF. The information received from each member is treated as confidential information by the UMF secretariat and will only be made available to the members on an aggregated basis. The only purpose of this information exchange is to provide the UMF members with information in order for them to be better entrusted to independently determine their market behaviour.