<u>L Blackmore – Functi</u>	onal Safety Clien	ts and Activities

CLIENT	APPLICATION	DATES	SERVICE PROVIDED
McDermott	Offshore	6/94 – 6/97	Manager of the C&I Group,
Engineering		0///	supervising the implementation of
London			IEC61508 on the Elf Elgin/Franklin
			platform
Brown & Root	FPSO	3/98 - 8/98	Chairman of IEC61508 SIL
			assessment group.
Kvaerner Oil & Gas	FPSO	4/98 - 9/98	Chairman of IEC61508 SIL
ICS Triploy	Corporate	2/99	assessment group. IEC61508 training
ICS Triplex ICS Triplex	Corporate	6/99 - 02	IEC61508 support contract
Wessex Water	Corporate	7/99	IEC61508 training
Amec Process &	Corporate	12/99	IEC61508 training
Energy			· · · · · · · · · · · · · · · · ·
Total Aberdeen	Corporate	9/99	IEC61508 training
Rhone-Poulenc	Agri-chemicals project	1/00	IEC61508 training
ICS	Offshore	5/00	FMEA reviews
Gas Experts	Gas transmission/PRS project	9/00	IEC61508 consultancy and training
			IEC61511 Corporate Procedures
			recorder corporate rrocedures
SBM Offshore	Group Functional Safety Technical Authority	3/01 – 12/13	Company FS Technical authority
(Worldwide)	Functional Safety work on multiple		Corporate FS management
Monaco Rotterdam	FPSO's through the tender, design, construction and operational phases,		FPSO Marlim Sul SIL assessment
Houston Kuala Lumpur	in Brazil, Canada, Norway, UK,		FPSO Espirito Santo SIL assessment
Ruala Lumpul	Angola, GOM		Deep Panuke MOPU SIL assessment
	TUV FS Eng certified training in all		Talisman MOPU SIL assessment
	locations. (6 courses)		N'Koma SIL assessment
	Bespoke FS training at all levels (engineers, management,		BP Quad turret FS management
	operations)		FPSO Okha Woodside FSA 3
			FPSO Fram functional safety management plan
			FPSO OX2 Brazil SIL assessment, validation and SRS production for non-API instrumented protection functions
			FPSO Cidade de Ilhabela FSA 3
			Chairman of fleet relief risk review workshop
			Design study for full IEC61511 SIS implementation, to evaluate system and cost implications. Includes SIL assessment, SIS design, new C&E's etc.
			TUV FS Eng formal training in all SBM worldwide locations

CLIENT	APPLICATION	DATES	SERVICE PROVIDED
Amec/Gaz de France	UK offshore project	1/13 – 11/13	SIL assessment chairman for 5 assessment sessions
Safety Critical Software Portugal	Corporate	5/13	IEC61508 training
DNV Korea for SK Engineering	Onshore chemicals project	11/13	SIL assessment chairman
Technica	LNG Terminal, Pakistan	1/14	SIL assessment chairman
AMEC London	Corporate	3/14	Corporate FS support
AMEC London	Dana UK Offshore Project	6/14 to 9/14	Project FS support
AMEC London	BP Baku	9/14 to 12/14	Project FS support
AMEC Abu Dhabi	ADMA/OPCO Umm Lulu Complex	10/15	FS Consultancy
BW Offshore	FPSO Catcher	10/14 – 12/18	FS Manager, production of FS Management Plan, SIL assessment chairman, production of SRS and SIL Validation report, FSA management. FS Training
			Operations FS manager
BW Offshore	Corporate	12/14	Corporate FS procedures
SBM Offshore	Training	9/16 – 11/19	3 TUV FS Eng Training Course
Bumi Armada	FPSO Kraken	3/18 ongoing	Operations FS TA
Bumi Armada	FPSO Kraken	5/18 ongoing	Operations FS Training
Golar LNG	FLNG Gimi	8/18 ongoing	Project FS Manager