Table 2: Burma's Oil and Gas: Offshore Blocks

Block(s)	Companies [Parent Co. in Brackets]	Contract	Status	Notes
A-1 (Shwe) and A-3	Daewoo International (*operator, 60 percent interest*) Korea Gas Corp. (KOGAS) (*10 percent interest*) Gas Authority of India Ltd. (GAIL) (*10 percent interest*) ONGC Videsh Ltd. [Oil and Natural Gas Co. (ONGC)] (*20 percent interest*)	PSC for block A-1 originally signed August 2000 (Daewoo International), joined by others in November 2001 and January 2002; contract for block A-3 signed October 2004.	In advanced exploration. Anticipated, optimistically, to enter production in 2009 or 2010. The fields hold confirmed reserves of up to 9.1 trillion cubic feet (tcf) of natural gas, of which 4.5 to 7.7 tcf is recoverable.	According to the Shwe Gas Movement, the value of the Shwe deposits ranges between US$37-52 billion and could lead to a total gain in revenues to the Burmese junta or future governments of $12-17 billion over 20 years.
A-2	Essar Oil [EGL] (*operator, 100 percent interest*)	PSC signed May 2005.	Under exploration, with seismic studies underway in 2007.	
A-4	CNOOC Myanmar Ltd. [CNOOC] (*operator*) China Huanqiu Contracting and Engineering Corp. [CNPC] Golden Aaron Pte. Ltd.	PSC signed December 2004.	Under exploration, drilling appraisal wells in 2007.	
A-5	IGE Rimbunan Retrogas Ltd.	PSC signed February 2007.	Recent acquisition; extent of activity unknown.	
A-6	MPRL E&P Pte. Ltd. (*operator, 100 percent interest*)	PSC signed January 2007; field had been previously explored.	Recent acquisition; extent of activity unknown.	
A-7	Silver Wave Sputnik Petroleum Pte. Ltd. [Silver Wave Energy/ Sputnik Petroleum Ltd.] (*operator, 70 percent interest*) GAIL (*30 percent interest*)	PSC signed December 2006.	Drilling results have been disappointing, according to GAIL.	In July 2007 GAIL said it intended to withdraw from A-7 due to disappointing prospects. It is unclear if the decision has taken effect and, if so, which company took over GAIL's stake.

M-1	Rimbunan Retrogas Ltd. UNOG Pte. Ltd.	PSC signed March 2007.	Recent acquisition; extent of activity unknown.	
M-2	CNOOC Myanmar Ltd. [CNOOC] (*operator, 81.25 percent interest*) China Huanqiu Contracting and Engineering Corp. [CNPC] Golden Aaron Pte. Ltd.	PSC dated January 2005.	Unclear; presumed to be under exploration.	Press reporting in mid-2007 indicated that Petrovietnam (Vietnam state company) would help appraise oil and gas reserves at M-2.
M-3 and M-4	PTTEP International Ltd. [PTT] (*operator*)	PSCs for both M-3 and M-4 signed August 2004.	Under exploration, with seismic studies underway.	
M-5 and M-6 (Yadana)	Total E&P Myanmar [Total] (*operator, 31.2375 percent interest*) Unocal Myanmar [Chevron] (*28.2625 percent interest*) PTTEP International Ltd. [PTT] (25.5 percent interest) MOGE [Ministry of Energy of Burma] (15 percent)	PSC signed 1992, joined by one partner in 1993 and another in 1995. In 1997 MOGE exercised its option to purchase a stake in the consortium.	In production since 1998, with output of about 650mmcfd and remaining gas reserves of over 5 tcf.	The bulk of the gas is exported to Thailand via pipeline. The construction in the 1990s of the pipeline and associated infrastructure triggered major human rights controversies.
M-7 and M-9	PTTEP International Ltd. [PTT]	PSC signed November 2003.	Under exploration, with a significant gas find at M-9 in 2007. M-9 has estimated reserve of 1.5 trillion cubic feet. Production at M-9 is anticipated by 2012.	MOGE reportedly has exercised its option to purchase a 15 percent share in M-9. PTTEP announced plans to sell a 5 percent share in M-9 to Oman Oil Co. of Oman, pending approval by Burmese authorities. PTT has proposed to build a pipeline to transport the gas from M-9 to Thailand for sale.

M-8	JSC Zarubezhneft Itera [Zarubeznheft/Itera Oil and Gas]	PSC signed September 2006.	New exploration contract; area was previously explored.	The contract—the first with a Russian oil and gas company—was signed on September 15, 2006, the same day that a divided Security Council agreed to place Burma on its agenda over the strong objections of Russia (and China), whose veto power does not extend to procedural votes.
	Sun Group			
M-10	CNOOC Myanmar Ltd. [CNOOC] (*operator*)	PSC signed December 2004.	Unknown, presumed under exploration.	
	China Huanqiu Contracting and Engineering Corp. [CNPC]			
	Golden Aaron Pte. Ltd.			
M-11	PTTEP International Ltd. [PTT]	PSC signed July 2005.	Under exploration.	
M-12, M-13, AND M-14 (YETAGUN)	Petronas Carigali Myanmar [Petronas] (*operator, 40.9102 percent interest*)	PSC signed January 1997.	In production since 2000, with current output of about 450mmcfd and remaining gas reserves of over 3 tcf.	As is the case for the gas from the Yadana field, the bulk of the Yetagun gas is exported to Thailand via pipeline. The construction in the 1990s of the Yadana-Yetagun pipeline and associated infrastructure triggered major human rights controversies.
	PTTEP International Ltd. [PTT] (*19.3178 percent interest*)	PSC signed May 1990 (M-13 and M-14) and 1992 (M-12).		
	Nippon Oil Exploration Ltd. (Myanmar) [Nippon Oil] (*19.3178 percent interest*)	PSC signed September 1991 (M-13 and M-14) and September 1992 (M-12).		
	MOGE [Ministry of Energy] (*20.4541 percent interest*)	MOGE exercised its option to buy a 15 percent stake in the project by 1994 and increased its holding to the present level in 2003.		
M-15, M-16, M-17, AND M-18	Petronas Carigali Myanmar [Petronas] (*operator*)	PSC signed August 2002.	Under exploration, with site surveys carried out in 2006 and test drilling planned.	

YEB (Yetagun East Block)	Danford Equities Corp. [Twinza Oil] (*operator, 100 percent interest*)	PSC signed November 2006.	Recent acquisition; extent of exploration activities unknown.	
AD-7	Daewoo International Corp.	PSC signed February 2007.	Recent acquisition in early exploration phase.	
AD-1, AD-6, and AD-8	CNPC (*operator, 100 percent interest*)	PSC signed January 2007.	Recent acquisition in early exploration phase.	The contract was signed on January 15, 2007, three days after China (with Russia) vetoed a proposed UN Security Council resolution that criticizes Burma's human rights record.
AD-2, AD-3, and AD-9	ONGC Videsh Ltd. [ONGC](*operator, 100 percent interest*)	PSC signed September 2007.	Recent acquisition; exploration not yet begun.	On September 24, 2007, India's oil minister, Murli Deora, traveled to Burma to sign the contract as mass pro-democracy protests took place in the country.