

鳥取港千代地区防波堤整備事業
費用便益分析シート(割引前)
【全体事業】

		(億円)							
年度	施設供用期間	割引前							
		初期投資・更新投資	管理運営費	総費用(C)	輸送コストの削減便益	海難の減少便益	その他便益	総便益(B)	純便益(B-C)
1977		10.2		10.2					-10.2
1978		5.1		5.1					-5.1
1979		9.0		9.0					-9.0
1980		10.5		10.5					-10.5
1981		11.5		11.5					-11.5
1982		13.3		13.3					-13.3
1983		17.2		17.2					-17.2
1984		24.0		24.0					-24.0
1985		25.1		25.1					-25.1
1986		21.5		21.5	0.8		0.8		-20.7
1987		18.8		18.8	0.9		0.9		-17.9
1988		18.9		18.9	1.9		1.9		-17.0
1989		15.9		15.9	1.7		1.7		-14.2
1990	1	4.3	1.3	5.6	2.0		2.0	-3.6	
1991	2	5.5	1.3	6.8	1.9		1.9	-4.9	
1992	3	7.8	1.3	9.1	2.5		2.5	-6.6	
1993	4	10.7	1.3	12.0	3.4		3.4	-8.6	
1994	5	13.4	1.3	14.7	2.8		2.8	-11.9	
1995	6	8.6	1.3	9.9	2.8		2.8	-7.1	
1996	7	4.1	1.3	5.4	5.6		5.6	0.2	
1997	8	4.1	1.3	5.4	27.2		27.2	21.8	
1998	9	5.7	1.3	7.0	48.0		48.0	41.0	
1999	10	5.2	1.3	6.5	60.2		60.2	53.7	
2000	11	6.2	1.1	7.3	62.6		62.6	55.3	
2001	12	6.9	2.1	9.0	53.3		53.3	44.3	
2002	13	9.5	0.8	10.3	23.4		23.4	13.1	
2003	14	6.4	0.7	7.1	23.3		23.3	16.2	
2004	15	8.9	0.7	9.6	11.1		11.1	2.4	
2005	16	4.7	0.9	5.6	14.3		14.3	8.7	
2006	17	8.2	0.7	8.9	15.0		15.0	6.1	
2007	18	7.8	0.7	8.5	14.4		14.4	5.9	
2008	19	9.8	0.6	10.4	16.8		16.8	6.4	
2009	20	8.9	0.6	9.5	16.7		16.7	7.2	
2010	21	4.5	0.6	5.1	16.6		16.6	11.5	
2011	22	9.7	0.6	10.3	16.5		16.5	6.2	
2012	23	7.8	0.6	8.4	16.4		16.4	8.0	
2013	24	6.9	0.6	7.5	16.3		16.3	8.8	
2014	25	1	0.6	0.6	20.9	14.9	35.8	35.2	
2015	26	2	0.6	0.6	20.9	14.9	35.8	35.2	
2016	27	3	0.6	0.6	20.9	14.9	35.8	35.2	
2017	28	4	0.6	0.6	20.9	14.9	35.8	35.2	
2018	29	5	0.6	0.6	20.9	14.9	35.8	35.2	
2019	30	6	0.6	0.6	20.9	14.9	35.8	35.2	
2020	31	7	0.6	0.6	20.9	14.9	35.8	35.2	
2021	32	8	0.6	0.6	20.9	14.9	35.8	35.2	
2022	33	9	0.6	0.6	20.9	14.9	35.8	35.2	
2023	34	10	0.6	0.6	20.9	14.9	35.8	35.2	
2024	35	11	0.6	0.6	20.9	14.9	35.8	35.2	
2025	36	12	0.9	0.6	1.5	20.9	14.9	35.8	34.3
2026	37	13		0.6	0.6	20.9	14.9	35.8	35.2
2027	38	14		0.6	0.6	20.9	14.9	35.8	35.2
2028	39	15	3.7	0.6	4.3	20.9	14.9	35.8	31.5
2029	40	16	1.6	0.6	2.2	20.9	14.9	35.8	33.6
2030	41	17		0.6	0.6	20.9	14.9	35.8	35.2
2031	42	18	0.3	0.6	0.9	20.9	14.9	35.8	34.9
2032	43	19		0.6	0.6	20.9	14.9	35.8	35.2
2033	44	20		0.6	0.6	20.9	14.9	35.8	35.2
2034	45	21		0.6	0.6	20.9	14.9	35.8	35.2
2035	46	22		0.6	0.6	20.9	14.9	35.8	35.2
2036	47	23		0.6	0.6	20.4	14.9	35.3	34.7
2037	48	24		0.6	0.6	19.3	14.9	34.2	33.6
2038	49	25		0.6	0.6	19.3	14.9	34.2	33.6
2039	50	26		0.6	0.6	19.3	14.9	34.2	33.6
2040		27		0.6	0.6		14.9	14.3	20.4
2041		28		0.6	0.6		14.9	14.3	
2042		29		0.6	0.6		14.9	14.3	
2043		30		0.6	0.6		14.9	14.3	
2044		31		0.6	0.6		14.9	14.3	
2045		32		0.6	0.6		14.9	14.3	
2046		33		0.6	0.6		14.9	14.3	
2047		34		0.6	0.6		14.9	14.3	
2048		35		0.6	0.6		14.9	14.3	
2049		36		0.6	0.6		14.9	14.3	
2050		37		0.6	0.6		14.9	14.3	
2051		38		0.6	0.6		14.9	14.3	
2052		39		0.6	0.6		14.9	14.3	
2053		40		0.6	0.6		14.9	14.3	
2054		41		0.6	0.6		14.9	14.3	
2055		42		0.6	0.6		14.9	14.3	
2056		43		0.6	0.6		14.9	14.3	
2057		44		0.6	0.6		14.9	14.3	
2058		45		0.6	0.6		14.9	14.3	
2059		46		0.6	0.6		14.9	14.3	
2060		47		0.6	0.6		14.9	14.3	
2061		48		0.6	0.6		14.9	14.3	
2062		49		0.6	0.6		14.9	14.3	
2063		50		0.6	0.6		14.9	39.3	38.7
合計		383.1	55.8	438.9	1,021.2	745.0	44.8	1,811.0	1,372.1

費用便益分析シート(割引後)

EIRR= 5.7% NPV= 181 億円
B/C= 1.2

		(億円)							
年度	施設供用期間	社会的割引率	割引後						
			初期投資・更新投資	管理運営費	総費用(C)	輸送コストの削減便益	海難の減少便益	その他便益	総便益(B)
1977		3.6	60.0	60.0					-60.0
1978		3.5	26.6	26.6					-26.6
1979		3.4	41.2	41.2					-41.2
1980		3.2	42.0	42.0					-42.0
1981		3.1	43.5	43.5					-43.5
1982		3.0	48.6	48.6					-48.6
1983		2.9	60.7	60.7					-60.7
1984		2.8	80.3	80.3					-80.3
1985		2.7	82.2	82.2					-82.2
1986		2.6	67.6	67.6	1.9		1.9		-65.7
1987		2.5	56.0	56.0	2.1		2.1		-53.9
1988		2.4	52.8	52.8	4.3		4.3		-48.6
1989		2.3	40.8	40.8	3.6		3.6		-37.2
1990	1	2.2	10.2	3.1	13.3		3.9		-9.4
1991	2	2.1	12.2	2.9	15.1		3.5		-11.6
1992	3	2.0	16.5	2.7	19.2		4.4		-14.8
1993	4	1.9	21.8	2.6	24.4		5.7		-18.7
1994	5	1.9	26.0	2.5	28.5		4.5		-23.9
1995	6	1.8	16.0	2.4	18.4		4.4		-14.0
1996	7	1.7	7.3	2.3	9.7		8.5		-1.2
1997	8	1.7	7.0	2.2	9.2		39.2		30.0
1998	9	1.6	9.5	2.2	11.7		67.0		55.3
1999	10	1.5	8.5	2.1	10.6		82.0		71.4
2000	11	1.5	9.7	1.7	11.4		83.3		71.9
2001	12	1.4	10.6	3.2	13.8		69.1		55.3
2002	13	1.4	14.1	1.2	15.3		29.7		14.4
2003	14	1.3	9.1	1.0	10.1		28.8		18.7
2004	15	1.3	11.9	2.9	14.9		19.0		4.1
2005	16	1.2	6.0	1.1	7.1		16.7		9.6
2006	17	1.2	9.9	0.8	10.7		17.0		6.3
2007	18	1.1	8.8	0.8	9.6		15.8		6.2
2008	19	1.1	10.3	0.6	10.9		17.8		6.9
2009	20	1.0	9.3	0.6	9.9		17.4		7.5
2010	21	1.0	4.5	0.6	5.1		16.6		11.5
2011	22	1.0	9.3	0.6	9.9		15.9		6.0
2012	23	0.9	7.2	0.6	7.8		15.2		7.4
2013	24	0.9	6.1	0.5	6.7		14.5		7.8
2014	25	1	0.9	0.5	0.5		17.9		30.6
2015	26	2	0.8	0.5	0.5		17.2		29.4
2016	27	3	0.8	0.5	0.5		16.5		27.8
2017	28	4	0.8	0.5	0.5		15.9		26.7
2018	29	5	0.7	0.4	0.4		15.3		25.7
2019	30	6	0.7	0.4	0.4		14.7		24.7
2020	31	7	0.7	0.4	0.4		14.1		23.8
2021	32	8	0.6	0.4	0.4		13.6		22.9
2022	33	9	0.6	0.4	0.4		13.1		22.0
2023	34	10	0.6	0.4	0.4		12.6		21.1
2024	35	11	0.6	0.3	0.3		12.1		20.3
2025	36	12	0.6	0.5	0.3		11.6		19.9
2026	37	13	0.5	0.3	0.3		11.2		19.1
2027	38	14	0.5	0.3	0.3		10.7		18.4
2028	39	15	0.5	1.8	0.3		10.3		17.7
2029	40	16	0.5	0.8	0.3		9.9		17.0
2030	41	17	0.5	0.3	0.3		9.5		16.3
2031	42	18	0.4	0.1	0.3		9.2		15.3
2032	43	19	0.4	0.3	0.3		8.8		14.9
2033	44	20	0.4	0.2	0.2		8.5		14.3
2034	45	21	0.4	0.2	0.2		8.2		13.7
2035	46	22	0.4	0.2	0.2		7.8		13.2
2036	47	23	0.4	0.2	0.2		7.4		12.5
2037	48	24	0.3	0.2	0.2		6.7		11.7
2038	49	25	0.3	0.2	0.2		6.4		11.2
2039	50	26	0.3	0.2	0.2		6.2		10.7
2040		27	0.3	0.2	0.2		4.6		4.4
2041		28	0.3	0.2	0.2		4.4		4.2
2042		29	0.3	0.2					

鳥取港千代地区防波堤整備事業 需要-10%
費用便益分析シート(割引前)

【全体事業】

年度	施設供用期間	(億円)							
		初期投資・更新投資	管理運営費	総費用(C)	割引前 輸送コストの削減便益	割引前 海難の減少便益	その他便益	総便益(B)	純便益(B-C)
1977		10.2		10.2				-10.2	
1978		5.1		5.1				-5.1	
1979		9.0		9.0				-9.0	
1980		10.5		10.5				-10.5	
1981		11.5		11.5				-11.5	
1982		13.3		13.3				-13.3	
1983		17.2		17.2				-17.2	
1984		24.0		24.0				-24.0	
1985		25.1		25.1				-25.1	
1986		21.5		21.5	0.8		0.8	-20.7	
1987		18.8		18.8	0.9		0.9	-17.9	
1988		18.9		18.9	1.9		1.9	-17.0	
1989		15.9		15.9	1.7		1.7	-14.2	
1990	1	4.3	1.3	5.6	2.0		2.0	-3.6	
1991	2	5.5	1.3	6.8	1.9		1.9	-4.9	
1992	3	7.8	1.3	9.1	2.5		2.5	-6.6	
1993	4	10.7	1.3	12.0	3.4		3.4	-8.6	
1994	5	13.4	1.3	14.7	2.8		2.8	-11.9	
1995	6	8.6	1.3	9.9	2.8		2.8	-7.1	
1996	7	4.1	1.3	5.4	5.6		5.6	0.2	
1997	8	4.1	1.3	5.4	27.2		27.2	21.8	
1998	9	5.7	1.3	7.0	48.0		48.0	41.0	
1999	10	5.2	1.3	6.5	60.2		60.2	53.7	
2000	11	6.2	1.1	7.3	62.6		62.6	55.3	
2001	12	6.9	2.1	9.0	53.3		53.3	44.3	
2002	13	9.5	0.8	10.3	23.4		23.4	13.1	
2003	14	6.4	0.7	7.1	23.3		23.3	16.2	
2004	15	8.9	11.1	20.0	4.7		4.7	15.8	
2005	16	4.7	0.9	5.6	14.3		14.3	8.7	
2006	17	8.2	0.7	8.9	15.0		15.0	6.1	
2007	18	7.8	0.7	8.5	14.4		14.4	5.9	
2008	19	9.8	0.6	10.4	16.8		16.8	6.4	
2009	20	8.9	0.6	9.5	16.7		16.7	7.2	
2010	21	4.5	0.6	5.1	14.9		14.9	9.8	
2011	22	9.7	0.6	10.3	14.9		14.9	4.6	
2012	23	7.8	0.6	8.4	14.8		14.8	6.4	
2013	24	6.9	0.6	7.5	14.7		14.7	7.2	
2014	25	1	0.6	1.6	18.8	13.4	32.2	31.6	
2015	26	2	0.6	2.6	18.8	13.4	32.2	31.6	
2016	27	3	0.6	3.6	18.8	13.4	32.2	31.6	
2017	28	4	0.6	4.6	18.8	13.4	32.2	31.6	
2018	29	5	0.6	5.6	18.8	13.4	32.2	31.6	
2019	30	6	0.6	6.6	18.8	13.4	32.2	31.6	
2020	31	7	0.6	7.6	18.8	13.4	32.2	31.6	
2021	32	8	0.6	8.6	18.8	13.4	32.2	31.6	
2022	33	9	0.6	9.6	18.8	13.4	32.2	31.6	
2023	34	10	0.6	10.6	18.8	13.4	32.2	31.6	
2024	35	11	0.6	11.6	18.8	13.4	32.2	31.6	
2025	36	12	0.9	12.9	18.8	13.4	32.2	30.7	
2026	37	13	0.6	13.6	18.8	13.4	32.2	31.6	
2027	38	14	0.6	14.6	18.8	13.4	32.2	31.6	
2028	39	15	0.6	15.6	18.8	13.4	32.2	27.9	
2029	40	16	1.6	17.6	18.8	13.4	32.2	30.0	
2030	41	17	0.6	17.6	18.8	13.4	32.2	31.6	
2031	42	18	0.3	18.3	18.8	13.4	32.2	31.3	
2032	43	19	0.6	19.6	18.8	13.4	32.2	31.6	
2033	44	20	0.6	20.6	18.8	13.4	32.2	31.6	
2034	45	21	0.6	21.6	18.8	13.4	32.2	31.6	
2035	46	22	0.6	22.6	18.8	13.4	32.2	31.6	
2036	47	23	0.6	23.6	18.4	13.4	31.8	31.2	
2037	48	24	0.6	24.6	17.4	13.4	30.8	30.2	
2038	49	25	0.6	25.6	17.4	13.4	30.8	30.2	
2039	50	26	0.6	26.6	17.4	13.4	30.8	30.2	
2040		27	0.6	27.6	13.4	12.8	26.2	23.1	
2041		28	0.6	28.6	13.4	12.8	26.2	23.1	
2042		29	0.6	29.6	13.4	12.8	26.2	23.1	
2043		30	0.6	30.6	13.4	12.8	26.2	23.1	
2044		31	0.6	31.6	13.4	12.8	26.2	23.1	
2045		32	0.6	32.6	13.4	12.8	26.2	23.1	
2046		33	0.6	33.6	13.4	12.8	26.2	23.1	
2047		34	0.6	34.6	13.4	12.8	26.2	23.1	
2048		35	0.6	35.6	13.4	12.8	26.2	23.1	
2049		36	0.6	36.6	13.4	12.8	26.2	23.1	
2050		37	0.6	37.6	13.4	12.8	26.2	23.1	
2051		38	0.6	38.6	13.4	12.8	26.2	23.1	
2052		39	0.6	39.6	13.4	12.8	26.2	23.1	
2053		40	0.6	40.6	13.4	12.8	26.2	23.1	
2054		41	0.6	41.6	13.4	12.8	26.2	23.1	
2055		42	0.6	42.6	13.4	12.8	26.2	23.1	
2056		43	0.6	43.6	13.4	12.8	26.2	23.1	
2057		44	0.6	44.6	13.4	12.8	26.2	23.1	
2058		45	0.6	45.6	13.4	12.8	26.2	23.1	
2059		46	0.6	46.6	13.4	12.8	26.2	23.1	
2060		47	0.6	47.6	13.4	12.8	26.2	23.1	
2061		48	0.6	48.6	13.4	12.8	26.2	23.1	
2062		49	0.6	49.6	13.4	12.8	26.2	23.1	
2063		50	0.6	50.6	13.4	12.8	26.2	23.1	
合計		383.1	55.8	438.9	960.8	670.5	40.3	1671.6	1232.7

費用便益分析シート(割引後)

EIRR=	5.5%	NPV=	116 億円
B/C=	1.1		

年度	施設供用期間	社会的割引率	(億円)						
			初期投資・更新投資	管理運営費	総費用(C)	割引後 輸送コストの削減便益	割引後 海難の減少便益	その他便益	総便益(B)
1977		3.65	60.0		60.0				-60.0
1978		3.51	26.6		26.6				-26.6
1979		3.37	41.2		41.2				-41.2
1980		3.24	42.0		42.0				-42.0
1981		3.12	43.5		43.5				-43.5
1982		3.00	48.6		48.6				-48.6
1983		2.88	60.7		60.7				-60.7
1984		2.77	80.3		80.3				-80.3
1985		2.67	82.2		82.2				-82.2
1986		2.56	67.6	1.9	67.6	1.9		1.9	-65.7
1987		2.46	56.0	2.1	56.0	2.1		2.1	-53.9
1988		2.37	52.8	4.3	52.8	4.3		4.3	-48.6
1989		2.28	40.8	3.6	40.8	3.6		3.6	-37.2
1990	1	2.19	10.2	3.1	13.3	3.9		3.9	-9.4
1991	2	2.11	12.2	2.9	15.1	3.5		3.5	-11.6
1992	3	2.03	16.5	2.7	19.2	4.4		4.4	-14.8
1993	4	1.95	21.8	2.6	24.4	5.7		5.7	-18.7
1994	5	1.87	26.0	2.5	28.5	4.5		4.5	-23.9
1995	6	1.80	16.0	2.4	18.4	4.4		4.4	-14.0
1996	7	1.73	7.3	2.3	9.7	8.5		8.5	-1.2
1997	8	1.67	7.0	2.2	9.2	39.2		39.2	30.0
1998	9	1.60	9.5	2.2	11.7	67.0		67.0	55.3
1999	10	1.54	8.5	2.1	10.6	82.0		82.0	71.4
2000	11	1.48	9.7	1.7	11.4	83.3		83.3	71.9
2001	12	1.42	10.6	3.2	13.8	69.1		69.1	55.3
2002	13	1.37	14.1	1.2	15.3	29.7		29.7	14.4
2003	14	1.32	9.1	1.0	10.1	28.8		28.8	18.7
2004	15	1.27	11.9	2.9	14.9	19.0		19.0	4.1
2005	16	1.22	6.0	1.1	7.1	16.7		16.7	9.6
2006	17	1.17	9.9	0.8	10.7	17.0		17.0	6.3
2007	18	1.12	8.8	0.8	9.6	15.8		15.8	6.2
2008	19	1.08	10.3	0.6	10.9	17.8		17.8	6.9
2009	20	1.04	9.3	0.6	9.9	17.4		17.4	7.5
2010	21	1.00	4.5	0.6	5.1	14.9		14.9	9.8
2011	22	0.96	9.3	0.6	9.9	14.3		14.3	4.4
2012	23	0.92	7.2	0.6	7.8	13.6		13.6	5.9
2013	24	0.89	6.1	0.5	6.7	13.0		13.0	6.4
2014	25	1	0.85	0.5	0.5	16.1	11.5	16.1	27.0
2015	26	2	0.82	0.5	0.5	15.5	11.0	15.5	26.0
2016	27	3	0.79	0.5	0.5	14.9	10.6	14.9	25.0
2017	28	4	0.76	0.5	0.5	14.3	10.2	14.3	24.0
2018	29	5	0.73	0.4	0.4	13.7	9.8	13.7	23.1
2019	30	6	0.70	0.4	0.4	13.2	9.4	13.2	22.2
2020	31	7	0.68	0.4	0.4	12.7	9.1	12.7	21.4
2021	32	8	0.65	0.4	0.4	12.2	8.7	12.2	20.5
2022	33	9	0.62	0.4	0.4	11.7	8.4	11.7	19.7
2023	34	10	0.60	0.4	0.4	11.3	8.1	11.3	19.0
2024	35	11	0.58	0.3	0.3	10.9	7.7	10.9	18.3
2025	36	12	0.56	0.5	0.3	10.4	7.4	10.4	17.1
2026	37	13	0.53	0.3	0.3	10.0	7.2	10.0	16.9
2027	38	14	0.51	0.3	0.3	9.7	6.9	9.7	16.2
2028	39	15	0.49	1.8	0.3	2.1	9.3	6.6	15.9
2029	40	16	0.47	0.8	0.3	1.0	8.9	6.4	15.3
2030	41	17	0.46	0.3	0.3	8.6	6.1	8.6	14.4
2031	42	18	0.44	0.1	0.3	0.4	8.3	5.9	14.1
2032	43	19	0.42	0.3	0.3	7.9	5.7	7.9	13.6
2033	44	20	0.41	0.2	0.2	7.6	5.4	7.6	13.1
2034	45	21	0.39	0.2	0.2	7.3	5.2	7.3	12.6
2035	46	22	0.38	0.2	0.2	7.1	5.0	7.1	12.1
2036	47	23	0.36	0.2	0.2	6.6	4.8	6.6	11.5
2037	48	24	0.35	0.2	0.2	6.0	4.7	6.0	

鳥取港千代地区防波堤整備事業 需要+10%
費用便益分析シート(割引前)

【全体事業】

年度	施設供用期間	(億円)							
		初期投資・更新投資	管理運営費	総費用(C)	割引前 輸送コストの削減便益	割引前 海難の減少便益	その他便益	総便益(B)	純便益(B-C)
1977		10.2		10.2				-10.2	
1978		5.1		5.1				-5.1	
1979		9.0		9.0				-9.0	
1980		10.5		10.5				-10.5	
1981		11.5		11.5				-11.5	
1982		13.3		13.3				-13.3	
1983		17.2		17.2				-17.2	
1984		24.0		24.0				-24.0	
1985		25.1		25.1				-25.1	
1986		21.5		21.5	0.8		0.8	-20.7	
1987		18.8		18.8	0.9		0.9	-17.9	
1988		18.9		18.9	1.9		1.9	-17.0	
1989		15.9		15.9	1.7		1.7	-14.2	
1990	1	4.3	1.3	5.6	2.0		2.0	-3.6	
1991	2	5.5	1.3	6.8	1.9		1.9	-4.9	
1992	3	7.8	1.3	9.1	2.5		2.5	-6.6	
1993	4	10.7	1.3	12.0	3.4		3.4	-8.6	
1994	5	13.4	1.3	14.7	2.8		2.8	-11.9	
1995	6	8.6	1.3	9.9	2.8		2.8	-7.1	
1996	7	4.1	1.3	5.4	5.6		5.6	0.2	
1997	8	4.1	1.3	5.4	27.2		27.2	21.8	
1998	9	5.7	1.3	7.0	48.0		48.0	41.0	
1999	10	5.2	1.3	6.5	60.2		60.2	53.7	
2000	11	6.2	1.1	7.3	62.6		62.6	55.3	
2001	12	6.9	2.1	9.0	53.3		53.3	44.3	
2002	13	9.5	0.8	10.3	23.4		23.4	13.1	
2003	14	6.4	0.7	7.1	23.3		23.3	16.2	
2004	15	8.9	2.2	11.1	15.8		15.8	4.7	
2005	16	4.7	0.9	5.6	14.3		14.3	8.7	
2006	17	8.2	0.7	8.9	15.0		15.0	6.1	
2007	18	7.8	0.7	8.5	14.4		14.4	5.9	
2008	19	9.8	0.6	10.4	16.8		16.8	6.4	
2009	20	8.9	0.6	9.5	16.7		16.7	7.2	
2010	21	4.5	0.6	5.1	18.3		18.3	13.2	
2011	22	9.7	0.6	10.3	18.2		18.2	7.9	
2012	23	7.8	0.6	8.4	18.0		18.0	9.6	
2013	24	6.9	0.6	7.5	17.9		17.9	10.4	
2014	25	1	0.6	1.6	23.0	16.4	39.4	38.8	
2015	26	2	0.6	2.6	23.0	16.4	39.4	38.8	
2016	27	3	0.6	3.6	23.0	16.4	39.4	38.8	
2017	28	4	0.6	4.6	23.0	16.4	39.4	38.8	
2018	29	5	0.6	5.6	23.0	16.4	39.4	38.8	
2019	30	6	0.6	6.6	23.0	16.4	39.4	38.8	
2020	31	7	0.6	7.6	23.0	16.4	39.4	38.8	
2021	32	8	0.6	8.6	23.0	16.4	39.4	38.8	
2022	33	9	0.6	9.6	23.0	16.4	39.4	38.8	
2023	34	10	0.6	10.6	23.0	16.4	39.4	38.8	
2024	35	11	0.6	11.6	23.0	16.4	39.4	38.8	
2025	36	12	0.9	12.9	23.0	16.4	39.4	37.9	
2026	37	13	0.6	13.6	23.0	16.4	39.4	38.8	
2027	38	14	0.6	14.6	23.0	16.4	39.4	38.8	
2028	39	15	0.6	15.6	23.0	16.4	39.4	35.1	
2029	40	16	1.6	17.6	23.0	16.4	39.4	37.2	
2030	41	17	0.6	17.6	23.0	16.4	39.4	38.8	
2031	42	18	0.3	18.3	23.0	16.4	39.4	38.5	
2032	43	19	0.6	19.6	23.0	16.4	39.4	38.8	
2033	44	20	0.6	20.6	23.0	16.4	39.4	38.8	
2034	45	21	0.6	21.6	23.0	16.4	39.4	38.8	
2035	46	22	0.6	22.6	23.0	16.4	39.4	38.8	
2036	47	23	0.6	23.6	22.4	16.4	38.8	38.2	
2037	48	24	0.6	24.6	21.2	16.4	37.6	37.0	
2038	49	25	0.6	25.6	21.2	16.4	37.6	37.0	
2039	50	26	0.6	26.6	21.2	16.4	60.1	59.5	
2040		27	0.6	27.6	16.4	22.4	15.8	16.4	
2041		28	0.6	28.6	16.4	16.4	15.8	16.4	
2042		29	0.6	29.6	16.4	16.4	15.8	16.4	
2043		30	0.6	30.6	16.4	16.4	15.8	16.4	
2044		31	0.6	31.6	16.4	16.4	15.8	16.4	
2045		32	0.6	32.6	16.4	16.4	15.8	16.4	
2046		33	0.6	33.6	16.4	16.4	15.8	16.4	
2047		34	0.6	34.6	16.4	16.4	15.8	16.4	
2048		35	0.6	35.6	16.4	16.4	15.8	16.4	
2049		36	0.6	36.6	16.4	16.4	15.8	16.4	
2050		37	0.6	37.6	16.4	16.4	15.8	16.4	
2051		38	0.6	38.6	16.4	16.4	15.8	16.4	
2052		39	0.6	39.6	16.4	16.4	15.8	16.4	
2053		40	0.6	40.6	16.4	16.4	15.8	16.4	
2054		41	0.6	41.6	16.4	16.4	15.8	16.4	
2055		42	0.6	42.6	16.4	16.4	15.8	16.4	
2056		43	0.6	43.6	16.4	16.4	15.8	16.4	
2057		44	0.6	44.6	16.4	16.4	15.8	16.4	
2058		45	0.6	45.6	16.4	16.4	15.8	16.4	
2059		46	0.6	46.6	16.4	16.4	15.8	16.4	
2060		47	0.6	47.6	16.4	16.4	15.8	16.4	
2061		48	0.6	48.6	16.4	16.4	15.8	16.4	
2062		49	0.6	49.6	16.4	16.4	15.8	16.4	
2063		50	0.6	50.6	16.4	26.8	43.2	42.6	
合計		383.1	55.8	438.9	1081.6	819.5	49.3	1950.4	1511.5

費用便益分析シート(割引後)

EIRR= 5.9% NPV= 246 億円
B/C= 1.2

年度	施設供用期間	社会的割引率	(億円)						
			初期投資・更新投資	管理運営費	総費用(C)	割引後 輸送コストの削減便益	割引後 海難の減少便益	その他便益	総便益(B)
1977		3.65	60.0		60.0				-60.0
1978		3.51	26.6		26.6				-26.6
1979		3.37	41.2		41.2				-41.2
1980		3.24	42.0		42.0				-42.0
1981		3.12	43.5		43.5				-43.5
1982		3.00	48.6		48.6				-48.6
1983		2.88	60.7		60.7				-60.7
1984		2.77	80.3		80.3				-80.3
1985		2.67	82.2		82.2				-82.2
1986		2.56	67.6		67.6	1.9		1.9	-65.7
1987		2.46	56.0		56.0	2.1		2.1	-53.9
1988		2.37	52.8		52.8	4.3		4.3	-48.6
1989		2.28	40.8		40.8	3.6		3.6	-37.2
1990	1	2.19	10.2	3.1	13.3	3.9		3.9	-9.4
1991	2	2.11	12.2	2.9	15.1	3.5		3.5	-11.6
1992	3	2.03	16.5	2.7	19.2	4.4		4.4	-14.8
1993	4	1.95	21.8	2.6	24.4	5.7		5.7	-18.7
1994	5	1.87	26.0	2.5	28.5	4.5		4.5	-23.9
1995	6	1.80	16.0	2.4	18.4	4.4		4.4	-14.0
1996	7	1.73	7.3	2.3	9.7	8.5		8.5	-1.2
1997	8	1.67	7.0	2.2	9.2	39.2		39.2	30.0
1998	9	1.60	9.5	2.2	11.7	67.0		67.0	55.3
1999	10	1.54	8.5	2.1	10.6	82.0		82.0	71.4
2000	11	1.48	9.7	1.7	11.4	83.3		83.3	71.9
2001	12	1.42	10.6	3.2	13.8	69.1		69.1	55.3
2002	13	1.37	14.1	1.2	15.3	29.7		29.7	14.4
2003	14	1.32	9.1	1.0	10.1	28.8		28.8	18.7
2004	15	1.27	11.9	2.9	14.9	19.0		19.0	4.1
2005	16	1.22	6.0	1.1	7.1	16.7		16.7	9.6
2006	17	1.17	9.9	0.8	10.7	17.0		17.0	6.3
2007	18	1.12	8.8	0.8	9.6	15.8		15.8	6.2
2008	19	1.08	10.3	0.6	10.9	17.8		17.8	6.9
2009	20	1.04	9.3	0.6	9.9	17.4		17.4	7.5
2010	21	1.00	4.5	0.6	5.1	18.3		18.3	13.2
2011	22	0.96	9.3	0.6	9.9	17.5		17.5	7.5
2012	23	0.92	7.2	0.6	7.8	16.7		16.7	8.9
2013	24	0.89	6.1	0.5	6.7	15.9		15.9	9.3
2014	25	1	0.85	0.5	0.5	19.7	14.0	33.7	33.1
2015	26	2	0.82	0.5	0.5	18.9	13.5	32.4	31.9
2016	27	3	0.79	0.5	0.5	18.2	13.0	31.1	30.6
2017	28	4	0.76	0.5	0.5	17.5	12.5	29.9	29.5
2018	29	5	0.73	0.4	0.4	16.8	12.0	28.8	28.3
2019	30	6	0.70	0.4	0.4	16.2	11.5	27.7	27.2
2020	31	7	0.68	0.4	0.4	15.5	11.1	26.6	26.2
2021	32	8	0.65	0.4	0.4	14.9	10.6	25.6	25.2
2022	33	9	0.62	0.4	0.4	14.4	10.2	24.6	24.2
2023	34	10	0.60	0.4	0.4	13.8	9.8	23.7	23.3
2024	35	11	0.58	0.3	0.3	13.3	9.5	22.7	22.4
2025	36	12	0.56	0.5	0.3	12.8	9.1	21.9	21.0
2026	37	13	0.53	0.3	0.3	12.3	8.8	21.0	20.7
2027	38	14	0.51	0.3	0.3	11.8	8.4	20.2	19.9
2028	39	15	0.49	1.8	0.3	11.3	8.1	19.4	17.3
2029	40	16	0.47	0.8	0.3	10.9	7.8	18.7	17.6
2030	41	17	0.46	0.3	0.3	10.5	7.5	18.0	17.7
2031	42	18	0.44	0.1	0.3	10.1	7.2	17.3	16.9
2032	43	19	0.42	0.3	0.3	9.7	6.9	16.6	16.4
2033	44	20	0.41	0.2	0.2	9.3	6.6	16.0	15.7
2034	45	21	0.39	0.2	0.2	9.0	6.4	15.4	15.1
2035	46	22	0.38	0.2	0.2	8.6	6.1	14.8	14.5
2036	47	23	0.36	0.2	0.2	8.1	5.9	14.0	13.8
2037	48	24	0.35	0.2	0.2	7.4	5.7	13.0	12.8
2038	49	25	0.33						

鳥取港千代地区防波堤整備事業 建設費-10%
費用便益分析シート(割引前)

【全体事業】

費用便益分析シート(割引後)

EIRR= 5.7% NPV= 185 億円
B/C= 1.2

年度	施設供用期間	(億円)							
		初期投資・更新投資	管理運営費	総費用(C)	割引前 輸送コストの削減便益	海難の減少便益	その他便益	総便益(B)	純便益(B-C)
1977		10.2		10.2				-10.2	
1978		5.1		5.1				-5.1	
1979		9.0		9.0				-9.0	
1980		10.5		10.5				-10.5	
1981		11.5		11.5				-11.5	
1982		13.3		13.3				-13.3	
1983		17.2		17.2				-17.2	
1984		24.0		24.0				-24.0	
1985		25.1		25.1				-25.1	
1986		21.5		21.5	0.8		0.8	-20.7	
1987		18.8		18.8	0.9		0.9	-17.9	
1988		18.9		18.9	1.9		1.9	-17.0	
1989		15.9		15.9	1.7		1.7	-14.2	
1990	1	4.3	1.3	5.6	2.0		2.0	-3.6	
1991	2	5.5	1.3	6.8	1.9		1.9	-4.9	
1992	3	7.8	1.3	9.1	2.5		2.5	-6.6	
1993	4	10.7	1.3	12.0	3.4		3.4	-8.6	
1994	5	13.4	1.3	14.7	2.8		2.8	-11.9	
1995	6	8.6	1.3	9.9	2.8		2.8	-7.1	
1996	7	4.1	1.3	5.4	5.6		5.6	0.2	
1997	8	4.1	1.3	5.4	27.2		27.2	21.8	
1998	9	5.7	1.3	7.0	48.0		48.0	41.0	
1999	10	5.2	1.3	6.5	60.2		60.2	53.7	
2000	11	6.2	1.1	7.3	62.6		62.6	55.3	
2001	12	6.9	2.1	9.0	53.3		53.3	44.3	
2002	13	9.5	0.8	10.3	23.4		23.4	13.1	
2003	14	6.4	0.7	7.1	23.3		23.3	16.2	
2004	15	8.9	2.2	11.1	15.8		15.8	4.7	
2005	16	4.7	0.9	5.6	14.3		14.3	8.7	
2006	17	8.2	0.7	8.9	15.0		15.0	6.1	
2007	18	7.8	0.7	8.5	14.4		14.4	5.9	
2008	19	9.8	0.6	10.4	16.8		16.8	6.4	
2009	20	8.9	0.6	9.5	16.7		16.7	7.2	
2010	21	4.1	0.5	4.6	16.6		16.6	12.0	
2011	22	8.7	0.5	9.3	16.5		16.5	7.2	
2012	23	7.0	0.5	7.6	16.4		16.4	8.8	
2013	24	6.2	0.5	6.8	16.3		16.3	9.6	
2014	25	1	0.5	0.5	20.9	14.9	35.8	35.3	
2015	26	2	0.5	0.5	20.9	14.9	35.8	35.3	
2016	27	3	0.5	0.5	20.9	14.9	35.8	35.3	
2017	28	4	0.5	0.5	20.9	14.9	35.8	35.3	
2018	29	5	0.5	0.5	20.9	14.9	35.8	35.3	
2019	30	6	0.5	0.5	20.9	14.9	35.8	35.3	
2020	31	7	0.5	0.5	20.9	14.9	35.8	35.3	
2021	32	8	0.5	0.5	20.9	14.9	35.8	35.3	
2022	33	9	0.5	0.5	20.9	14.9	35.8	35.3	
2023	34	10	0.5	0.5	20.9	14.9	35.8	35.3	
2024	35	11	0.5	0.5	20.9	14.9	35.8	35.3	
2025	36	12	0.8	0.5	1.4	20.9	14.9	35.8	34.5
2026	37	13	0.5	0.5	20.9	14.9	35.8	35.3	
2027	38	14	0.5	0.5	20.9	14.9	35.8	35.3	
2028	39	15	0.5	0.5	20.9	14.9	35.8	31.9	
2029	40	16	1.4	0.5	2.0	20.9	14.9	35.8	33.8
2030	41	17	0.5	0.5	20.9	14.9	35.8	35.3	
2031	42	18	0.3	0.5	0.8	20.9	14.9	35.8	35.0
2032	43	19	0.5	0.5	20.9	14.9	35.8	35.3	
2033	44	20	0.5	0.5	20.9	14.9	35.8	35.3	
2034	45	21	0.5	0.5	20.9	14.9	35.8	35.3	
2035	46	22	0.5	0.5	20.9	14.9	35.8	35.3	
2036	47	23	0.5	0.5	20.4	14.9	35.3	34.8	
2037	48	24	0.5	0.5	19.3	14.9	34.2	33.7	
2038	49	25	0.5	0.5	19.3	14.9	34.2	33.7	
2039	50	26	0.5	0.5	19.3	14.9	54.6	54.1	
2040		27	0.5	0.5	19.3	14.9	14.9	14.4	
2041		28	0.5	0.5	0.5	14.9	14.9	14.4	
2042		29	0.5	0.5	0.5	14.9	14.9	14.4	
2043		30	0.5	0.5	0.5	14.9	14.9	14.4	
2044		31	0.5	0.5	0.5	14.9	14.9	14.4	
2045		32	0.5	0.5	0.5	14.9	14.9	14.4	
2046		33	0.5	0.5	0.5	14.9	14.9	14.4	
2047		34	0.5	0.5	0.5	14.9	14.9	14.4	
2048		35	0.5	0.5	0.5	14.9	14.9	14.4	
2049		36	0.5	0.5	0.5	14.9	14.9	14.4	
2050		37	0.5	0.5	0.5	14.9	14.9	14.4	
2051		38	0.5	0.5	0.5	14.9	14.9	14.4	
2052		39	0.5	0.5	0.5	14.9	14.9	14.4	
2053		40	0.5	0.5	0.5	14.9	14.9	14.4	
2054		41	0.5	0.5	0.5	14.9	14.9	14.4	
2055		42	0.5	0.5	0.5	14.9	14.9	14.4	
2056		43	0.5	0.5	0.5	14.9	14.9	14.4	
2057		44	0.5	0.5	0.5	14.9	14.9	14.4	
2058		45	0.5	0.5	0.5	14.9	14.9	14.4	
2059		46	0.5	0.5	0.5	14.9	14.9	14.4	
2060		47	0.5	0.5	0.5	14.9	14.9	14.4	
2061		48	0.5	0.5	0.5	14.9	14.9	14.4	
2062		49	0.5	0.5	0.5	14.9	14.9	14.4	
2063		50	0.5	0.5	0.5	14.9	24.4	39.3	38.8
合計		379.6	52.6	432.1	1021.2	745.0	44.8	1811.0	1378.9

年度	施設供用期間	社会的割引率	(億円)						
			初期投資・更新投資	管理運営費	総費用(C)	割引後 輸送コストの削減便益	海難の減少便益	その他便益	総便益(B)
1977		3.65	60.0		60.0				-60.0
1978		3.51	26.6		26.6				-26.6
1979		3.37	41.2		41.2				-41.2
1980		3.24	42.0		42.0				-42.0
1981		3.12	43.5		43.5				-43.5
1982		3.00	48.6		48.6				-48.6
1983		2.88	60.7		60.7				-60.7
1984		2.77	80.3		80.3				-80.3
1985		2.67	82.2		82.2				-82.2
1986		2.56	67.6	1.9	67.6	1.9		1.9	-65.7
1987		2.46	56.0	2.1	56.0	2.1		2.1	-53.9
1988		2.37	52.8	4.3	52.8	4.3		4.3	-48.6
1989		2.28	40.8	3.6	40.8	3.6		3.6	-37.2
1990	1	2.19	10.2	3.1	10.2	3.9		3.9	-9.4
1991	2	2.11	12.2	2.9	12.2	3.5		3.5	-11.6
1992	3	2.03	16.5	2.7	16.5	4.4		4.4	-14.8
1993	4	1.95	21.8	2.6	21.8	5.7		5.7	-18.7
1994	5	1.87	26.0	2.5	26.0	4.5		4.5	-23.9
1995	6	1.80	16.0	2.4	16.0	4.4		4.4	-14.0
1996	7	1.73	7.3	2.3	7.3	8.5		8.5	-1.2
1997	8	1.67	7.0	2.2	7.0	9.2		9.2	39.2
1998	9	1.60	9.5	2.2	9.5	11.7		11.7	67.0
1999	10	1.54	8.5	2.1	8.5	10.6		10.6	82.0
2000	11	1.48	9.7	1.7	9.7	11.4		11.4	83.3
2001	12	1.42	10.6	3.2	10.6	13.8		13.8	69.1
2002	13	1.37	14.1	1.2	14.1	15.3		15.3	29.7
2003	14	1.32	9.1	1.0	9.1	10.1		10.1	28.8
2004	15	1.27	11.9	2.9	11.9	14.9		14.9	19.0
2005	16	1.22	6.0	1.1	6.0	7.1		7.1	16.7
2006	17	1.17	9.9	0.8	9.9	10.7		10.7	17.0
2007	18	1.12	8.8	0.8	8.8	9.6		9.6	15.8
2008	19	1.08	10.3	0.6	10.3	10.9		10.9	17.8
2009	20	1.04	9.3	0.6	9.3	9.9		9.9	17.4
2010	21	1.00	4.1	0.5	4.1	4.6		4.6	16.6
2011	22	0.96	8.4	0.5	8.4	8.9		8.9	15.9
2012	23	0.92	6.5	0.5	6.5	7.0		7.0	15.2
2013	24	0.89	5.5	0.5	5.5	6.0		6.0	14.5
2014	25	1	0.85	0.5	0.85	0.5	17.9	12.7	30.6
2015	26	2	0.82	0.4	0.82	0.4	17.2	12.2	29.4
2016	27	3	0.79	0.4	0.79	0.4	16.5	11.8	28.3
2017	28	4	0.76	0.4	0.76	0.4	15.9	11.3	27.2
2018	29	5	0.73	0.4	0.73	0.4	15.3	10.9	26.2
2019	30	6	0.70	0.4	0.70	0.4	14.7	10.5	25.2
2020	31	7	0.68	0.4	0.68	0.4	14.1	10.1	24.2
2021	32	8	0.65	0.4	0.65	0.4	13.6	9.7	23.3
2022	33	9	0.62	0.3	0.62	0.3	13.1	9.3	22.0
2023	34	10	0.60	0.3	0.60	0.3	12.6	8.9	21.5
2024	35	11	0.58	0.3	0.58	0.3	12.1	8.6	20.7
2025	36	12	0.56	0.4	0.56	0.3	11.6	8.3	19.9
2026	37	13	0.53	0.3	0.53	0.3	11.2	8.0	19.1
2027	38	14	0.51	0.3	0.51	0.3	10.7	7.6	18.4
2028	39	15	0.49	1.6	0.3	1.9	10.3	7.4	17.7
2029	40	16	0.47	0.7	0.3	0.9	9.9	7.1	17.0
2030	41	17	0.46	0.2	0.46	0.2	9.5	6.8	16.3
2031	42	18	0.44	0.1	0.44	0.2	9.2	6.5	15.7
2032	43	19	0.42	0.2	0.42	0.2	8.8	6.3	15.1
2033	44	20	0.41	0.2	0.41	0.2	8.5	6.0	14.5
2034	45	21	0.39	0.2	0.39	0.2	8.2	5.8	14.0
2035	46	22	0.38	0.2	0.38	0.2	7.8	5.6	13.4
2036	47	23	0.36	0.2	0.36	0.2	7.4	5.4	12.7
2037	48	24	0.35	0.2	0.35	0.2	6.7	5.2	11.9
2038	49	25	0.33	0.2	0.33	0.2	6.4	5.0	

鳥取港千代地区防波堤整備事業 建設費+10%
費用便益分析シート(割引前)

【全体事業】

年度	施設供用期間	(億円)							
		初期投資・更新投資	管理運営費	総費用(C)	割引前 輸送コストの削減便益	海難の減少便益	その他便益	総便益(B)	純便益(B-C)
1977		10.2		10.2				-10.2	
1978		5.1		5.1				-5.1	
1979		9.0		9.0				-9.0	
1980		10.5		10.5				-10.5	
1981		11.5		11.5				-11.5	
1982		13.3		13.3				-13.3	
1983		17.2		17.2				-17.2	
1984		24.0		24.0				-24.0	
1985		25.1		25.1				-25.1	
1986		21.5		21.5	0.8		0.8	-20.7	
1987		18.8		18.8	0.9		0.9	-17.9	
1988		18.9		18.9	1.9		1.9	-17.0	
1989		15.9		15.9	1.7		1.7	-14.2	
1990	1	4.3	1.3	5.6	2.0		2.0	-3.6	
1991	2	5.5	1.3	6.8	1.9		1.9	-4.9	
1992	3	7.8	1.3	9.1	2.5		2.5	-6.6	
1993	4	10.7	1.3	12.0	3.4		3.4	-8.6	
1994	5	13.4	1.3	14.7	2.8		2.8	-11.9	
1995	6	8.6	1.3	9.9	2.8		2.8	-7.1	
1996	7	4.1	1.3	5.4	5.6		5.6	0.2	
1997	8	4.1	1.3	5.4	27.2		27.2	21.8	
1998	9	5.7	1.3	7.0	48.0		48.0	41.0	
1999	10	5.2	1.3	6.5	60.2		60.2	53.7	
2000	11	6.2	1.1	7.3	62.6		62.6	55.3	
2001	12	6.9	2.1	9.0	53.3		53.3	44.3	
2002	13	9.5	0.8	10.3	23.4		23.4	13.1	
2003	14	6.4	0.7	7.1	23.3		23.3	16.2	
2004	15	8.9	2.2	11.1	15.8		15.8	4.7	
2005	16	4.7	0.9	5.6	14.3		14.3	8.7	
2006	17	8.2	0.7	8.9	15.0		15.0	6.1	
2007	18	7.8	0.7	8.5	14.4		14.4	5.9	
2008	19	9.8	0.6	10.4	16.8		16.8	6.4	
2009	20	8.9	0.6	9.5	16.7		16.7	7.2	
2010	21	5.0	0.7	5.6	16.6		16.6	11.0	
2011	22	10.7	0.7	11.3	16.5		16.5	5.2	
2012	23	8.6	0.7	9.2	16.4		16.4	7.2	
2013	24	7.6	0.7	8.3	16.3		16.3	8.1	
2014	25	1	0.7	1.7	20.9	14.9	35.8	35.1	
2015	26	2	0.7	2.7	20.9	14.9	35.8	35.1	
2016	27	3	0.7	3.7	20.9	14.9	35.8	35.1	
2017	28	4	0.7	4.7	20.9	14.9	35.8	35.1	
2018	29	5	0.7	5.7	20.9	14.9	35.8	35.1	
2019	30	6	0.7	6.7	20.9	14.9	35.8	35.1	
2020	31	7	0.7	7.7	20.9	14.9	35.8	35.1	
2021	32	8	0.7	8.7	20.9	14.9	35.8	35.1	
2022	33	9	0.7	9.7	20.9	14.9	35.8	35.1	
2023	34	10	0.7	10.7	20.9	14.9	35.8	35.1	
2024	35	11	0.7	11.7	20.9	14.9	35.8	35.1	
2025	36	12	1.0	13.7	20.9	14.9	35.8	34.2	
2026	37	13	0.7	14.7	20.9	14.9	35.8	35.1	
2027	38	14	0.7	15.7	20.9	14.9	35.8	35.1	
2028	39	15	0.7	16.7	20.9	14.9	35.8	35.1	
2029	40	16	1.8	18.5	20.9	14.9	35.8	33.4	
2030	41	17	0.7	19.4	20.9	14.9	35.8	35.1	
2031	42	18	0.3	20.4	20.9	14.9	35.8	34.8	
2032	43	19	0.7	21.1	20.9	14.9	35.8	35.1	
2033	44	20	0.7	21.8	20.9	14.9	35.8	35.1	
2034	45	21	0.7	22.5	20.9	14.9	35.8	35.1	
2035	46	22	0.7	23.2	20.9	14.9	35.8	35.1	
2036	47	23	0.7	23.9	20.4	14.9	35.3	34.6	
2037	48	24	0.7	24.6	19.3	14.9	34.2	33.5	
2038	49	25	0.7	25.3	19.3	14.9	34.2	33.5	
2039	50	26	0.7	26.0	19.3	14.9	54.6	53.9	
2040		27	0.7	27.7	14.9	14.9	14.9	14.2	
2041		28	0.7	28.4	14.9	14.9	14.9	14.2	
2042		29	0.7	29.1	14.9	14.9	14.9	14.2	
2043		30	0.7	29.8	14.9	14.9	14.9	14.2	
2044		31	0.7	30.5	14.9	14.9	14.9	14.2	
2045		32	0.7	31.2	14.9	14.9	14.9	14.2	
2046		33	0.7	31.9	14.9	14.9	14.9	14.2	
2047		34	0.7	32.6	14.9	14.9	14.9	14.2	
2048		35	0.7	33.3	14.9	14.9	14.9	14.2	
2049		36	0.7	34.0	14.9	14.9	14.9	14.2	
2050		37	0.7	34.7	14.9	14.9	14.9	14.2	
2051		38	0.7	35.4	14.9	14.9	14.9	14.2	
2052		39	0.7	36.1	14.9	14.9	14.9	14.2	
2053		40	0.7	36.8	14.9	14.9	14.9	14.2	
2054		41	0.7	37.5	14.9	14.9	14.9	14.2	
2055		42	0.7	38.2	14.9	14.9	14.9	14.2	
2056		43	0.7	38.9	14.9	14.9	14.9	14.2	
2057		44	0.7	39.6	14.9	14.9	14.9	14.2	
2058		45	0.7	40.3	14.9	14.9	14.9	14.2	
2059		46	0.7	41.0	14.9	14.9	14.9	14.2	
2060		47	0.7	41.7	14.9	14.9	14.9	14.2	
2061		48	0.7	42.4	14.9	14.9	14.9	14.2	
2062		49	0.7	43.1	14.9	14.9	14.9	14.2	
2063		50	0.7	43.8	14.9	14.9	14.9	14.2	
合計		386.6	59.0	445.7	1021.2	745.0	44.8	1811.0	1365.3

費用便益分析シート(割引後)

EIRR= 5.7% NPV= 176 億円
B/C= 1.2

年度	施設供用期間	社会的割引率	(億円)						
			初期投資・更新投資	管理運営費	総費用(C)	割引後 輸送コストの削減便益	海難の減少便益	その他便益	総便益(B)
1977		3.65	60.0		60.0				-60.0
1978		3.51	26.6		26.6				-26.6
1979		3.37	41.2		41.2				-41.2
1980		3.24	42.0		42.0				-42.0
1981		3.12	43.5		43.5				-43.5
1982		3.00	48.6		48.6				-48.6
1983		2.88	60.7		60.7				-60.7
1984		2.77	80.3		80.3				-80.3
1985		2.67	82.2		82.2				-82.2
1986		2.56	67.6		67.6	1.9		1.9	-65.7
1987		2.46	56.0		56.0	2.1		2.1	-53.9
1988		2.37	52.8		52.8	4.3		4.3	-48.6
1989		2.28	40.8		40.8	3.6		3.6	-37.2
1990	1	2.19	10.2	3.1	13.3	3.9		3.9	-9.4
1991	2	2.11	12.2	2.9	15.1	3.5		3.5	-11.6
1992	3	2.03	16.5	2.7	19.2	4.4		4.4	-14.8
1993	4	1.95	21.8	2.6	24.4	5.7		5.7	-18.7
1994	5	1.87	26.0	2.5	28.5	4.5		4.5	-23.9
1995	6	1.80	16.0	2.4	18.4	4.4		4.4	-14.0
1996	7	1.73	7.3	2.3	9.7	8.5		8.5	-1.2
1997	8	1.67	7.0	2.2	9.2	39.2		39.2	30.0
1998	9	1.60	9.5	2.2	11.7	67.0		67.0	55.3
1999	10	1.54	8.5	2.1	10.6	82.0		82.0	71.4
2000	11	1.48	9.7	1.7	11.4	83.3		83.3	71.9
2001	12	1.42	10.6	3.2	13.8	69.1		69.1	55.3
2002	13	1.37	14.1	1.2	15.3	29.7		29.7	14.4
2003	14	1.32	9.1	1.0	10.1	28.8		28.8	18.7
2004	15	1.27	11.9	2.9	14.9	19.0		19.0	4.1
2005	16	1.22	6.0	1.1	7.1	16.7		16.7	9.6
2006	17	1.17	9.9	0.8	10.7	17.0		17.0	6.3
2007	18	1.12	8.8	0.8	9.6	15.8		15.8	6.2
2008	19	1.08	10.3	0.6	10.9	17.8		17.8	6.9
2009	20	1.04	9.3	0.6	9.9	17.4		17.4	7.5
2010	21	1.00	5.0	0.7	5.6	16.6		16.6	11.0
2011	22	0.96	10.3	0.6	10.9	15.9		15.9	5.0
2012	23	0.92	7.9	0.6	8.5	15.2		15.2	6.6
2013	24	0.89	6.7	0.6	7.3	14.5		14.5	7.2
2014	25	1	0.85	0.6	0.6	17.9	12.7	30.6	30.0
2015	26	2	0.82	0.5	0.5	17.2	12.2	29.4	28.9
2016	27	3	0.79	0.5	0.5	16.5	11.8	28.3	27.8
2017	28	4	0.76	0.5	0.5	15.9	11.3	27.2	26.7
2018	29	5	0.73	0.5	0.5	15.3	10.9	26.2	25.7
2019	30	6	0.70	0.5	0.5	14.7	10.5	25.2	24.7
2020	31	7	0.68	0.4	0.4	14.1	10.1	24.2	23.7
2021	32	8	0.65	0.4	0.4	13.6	9.7	23.3	22.8
2022	33	9	0.62	0.4	0.4	13.1	9.3	22.4	21.9
2023	34	10	0.60	0.4	0.4	12.6	8.9	21.5	21.1
2024	35	11	0.58	0.4	0.4	12.1	8.6	20.7	20.3
2025	36	12	0.56	0.5	0.4	11.6	8.3	19.9	19.0
2026	37	13	0.53	0.4	0.4	11.2	8.0	19.1	18.8
2027	38	14	0.51	0.3	0.3	10.7	7.6	18.4	18.0
2028	39	15	0.49	2.0	0.3	2.3	10.3	7.4	17.7
2029	40	16	0.47	0.8	0.3	1.1	9.9	7.1	17.0
2030	41	17	0.46	0.3	0.3	9.5	6.8	16.3	16.0
2031	42	18	0.44	0.1	0.3	0.4	9.2	6.5	15.7
2032	43	19	0.42	0.3	0.3	8.8	6.3	15.1	14.8
2033	44	20	0.41	0.3	0.3	8.5	6.0	14.5	14.3
2034	45	21	0.39	0.3	0.3	8.2	5.8	14.0	13.7
2035	46	22	0.38	0.2	0.2	7.8	5.6	13.4	13.2
2036	47	23	0.36	0.2	0.2	7.4	5.4	12.7	12.5
2037	48	24	0.35	0.2	0.2	6.7	5.2	11.9	11.6
2038	49	25	0.33	0.2	0.				

鳥取港千代地区防波堤整備事業 建設期間-10%
費用便益分析シート(割引前)

【全体事業】

年度	施設供用期間	(億円)							
		初期投資・更新投資	管理運営費	総費用(C)	割引前 輸送コストの削減便益	海難の減少便益	その他便益	総便益(B)	純便益(B-C)
1977		10.2		10.2				-10.2	
1978		5.1		5.1				-5.1	
1979		9.0		9.0				-9.0	
1980		10.5		10.5				-10.5	
1981		11.5		11.5				-11.5	
1982		13.3		13.3				-13.3	
1983		17.2		17.2				-17.2	
1984		24.0		24.0				-24.0	
1985		25.1		25.1				-25.1	
1986		21.5		21.5	0.8		0.8	-20.7	
1987		18.8		18.8	0.9		0.9	-17.9	
1988		18.9		18.9	1.9		1.9	-17.0	
1989		15.9		15.9	1.7		1.7	-14.2	
1990	1	4.3	1.3	5.6	2.0		2.0	-3.6	
1991	2	5.5	1.3	6.8	1.9		1.9	-4.9	
1992	3	7.8	1.3	9.1	2.5		2.5	-6.6	
1993	4	10.7	1.3	12.0	3.4		3.4	-8.6	
1994	5	13.4	1.3	14.7	2.8		2.8	-11.9	
1995	6	8.6	1.3	9.9	2.8		2.8	-7.1	
1996	7	4.1	1.3	5.4	5.6		5.6	0.2	
1997	8	4.1	1.3	5.4	27.2		27.2	21.8	
1998	9	5.7	1.3	7.0	48.0		48.0	41.0	
1999	10	5.2	1.3	6.5	60.2		60.2	53.7	
2000	11	6.2	1.1	7.3	62.6		62.6	55.3	
2001	12	6.9	2.1	9.0	53.3		53.3	44.3	
2002	13	9.5	0.8	10.3	23.4		23.4	13.1	
2003	14	6.4	0.7	7.1	23.3		23.3	16.2	
2004	15	8.9	2.2	11.1	15.8		15.8	4.7	
2005	16	4.7	0.9	5.6	14.3		14.3	8.7	
2006	17	8.2	0.7	8.9	15.0		15.0	6.1	
2007	18	7.8	0.7	8.5	14.4		14.4	5.9	
2008	19	9.8	0.6	10.4	16.8		16.8	6.4	
2009	20	8.9	0.6	9.5	16.7		16.7	7.2	
2010	21	7.7	0.6	8.3	16.6		16.6	8.3	
2011	22	11.7	0.6	12.3	16.5		16.5	4.2	
2012	23	9.5	0.6	10.1	16.4		16.4	6.3	
2013	24	1	0.6	1.6	31.2	14.9	31.2	30.6	
2014	25	2	0.6	2.6	20.9	14.9	35.8	35.2	
2015	26	3	0.6	3.6	20.9	14.9	35.8	35.2	
2016	27	4	0.6	4.6	20.9	14.9	35.8	35.2	
2017	28	5	0.6	5.6	20.9	14.9	35.8	35.2	
2018	29	6	0.6	6.6	20.9	14.9	35.8	35.2	
2019	30	7	0.6	7.6	20.9	14.9	35.8	35.2	
2020	31	8	0.6	8.6	20.9	14.9	35.8	35.2	
2021	32	9	0.6	9.6	20.9	14.9	35.8	35.2	
2022	33	10	0.6	10.6	20.9	14.9	35.8	35.2	
2023	34	11	0.6	11.6	20.9	14.9	35.8	35.2	
2024	35	12	0.6	12.6	20.9	14.9	35.8	35.2	
2025	36	13	0.9	13.9	20.9	14.9	35.8	34.3	
2026	37	14	0.6	14.6	20.9	14.9	35.8	35.2	
2027	38	15	0.6	15.6	20.9	14.9	35.8	35.2	
2028	39	16	0.6	16.6	20.9	14.9	35.8	31.5	
2029	40	17	1.6	18.2	20.9	14.9	35.8	33.6	
2030	41	18	0.6	18.6	20.9	14.9	35.8	35.2	
2031	42	19	0.3	19.3	20.9	14.9	35.8	34.9	
2032	43	20	0.6	20.6	20.9	14.9	35.8	35.2	
2033	44	21	0.6	21.6	20.9	14.9	35.8	35.2	
2034	45	22	0.6	22.6	20.9	14.9	35.8	35.2	
2035	46	23	0.6	23.6	20.9	14.9	35.8	35.2	
2036	47	24	0.6	24.6	20.4	14.9	35.3	34.7	
2037	48	25	0.6	25.6	19.3	14.9	34.2	33.6	
2038	49	26	0.6	26.6	19.3	14.9	34.2	33.6	
2039	50	27	0.6	27.6	19.3	14.9	54.6	54.0	
2040		0.6		0.6			14.9	14.3	
2041		29	0.6	29.6			14.9	14.3	
2042		30	0.6	30.6			14.9	14.3	
2043		31	0.6	31.6			14.9	14.3	
2044		32	0.6	32.6			14.9	14.3	
2045		33	0.6	33.6			14.9	14.3	
2046		34	0.6	34.6			14.9	14.3	
2047		35	0.6	35.6			14.9	14.3	
2048		36	0.6	36.6			14.9	14.3	
2049		37	0.6	37.6			14.9	14.3	
2050		38	0.6	38.6			14.9	14.3	
2051		39	0.6	39.6			14.9	14.3	
2052		40	0.6	40.6			14.9	14.3	
2053		41	0.6	41.6			14.9	14.3	
2054		42	0.6	42.6			14.9	14.3	
2055		43	0.6	43.6			14.9	14.3	
2056		44	0.6	44.6			14.9	14.3	
2057		45	0.6	45.6			14.9	14.3	
2058		46	0.6	46.6			14.9	14.3	
2059		47	0.6	47.6			14.9	14.3	
2060		48	0.6	48.6			14.9	14.3	
2061		49	0.6	49.6			14.9	14.3	
2062		50	0.6	50.6			14.9	39.3	
合計		383.1	55.2	438.3	1021.2	745.0	44.8	1811.0	1372.7

費用便益分析シート(割引後)

EIRR=	5.7%	NPV=	192 億円
B/C=	1.2		

年度	施設供用期間	社会的割引率	(億円)						
			初期投資・更新投資	管理運営費	総費用(C)	割引後 輸送コストの削減便益	海難の減少便益	その他便益	総便益(B)
1977		3.65	60.0		60.0				-60.0
1978		3.51	26.6		26.6				-26.6
1979		3.37	41.2		41.2				-41.2
1980		3.24	42.0		42.0				-42.0
1981		3.12	43.5		43.5				-43.5
1982		3.00	48.6		48.6				-48.6
1983		2.88	60.7		60.7				-60.7
1984		2.77	80.3		80.3				-80.3
1985		2.67	82.2		82.2				-82.2
1986		2.56	67.6	1.9	67.6	1.9		1.9	-65.7
1987		2.46	56.0	2.1	56.0	2.1		2.1	-53.9
1988		2.37	52.8	4.3	52.8	4.3		4.3	-48.6
1989		2.28	40.8	3.6	40.8	3.6		3.6	-37.2
1990	1	2.19	10.2	3.1	10.2	3.9		3.9	-9.4
1991	2	2.11	12.2	2.9	12.2	3.5		3.5	-11.6
1992	3	2.03	16.5	2.7	16.5	4.4		4.4	-14.8
1993	4	1.95	21.8	2.6	21.8	5.7		5.7	-18.7
1994	5	1.87	26.0	2.5	26.0	4.5		4.5	-23.9
1995	6	1.80	16.0	2.4	16.0	4.4		4.4	-14.0
1996	7	1.73	7.3	2.3	7.3	8.5		8.5	-1.2
1997	8	1.67	7.0	2.2	7.0	9.2		9.2	39.2
1998	9	1.60	9.5	2.2	9.5	11.7		11.7	67.0
1999	10	1.54	8.5	2.1	8.5	10.6		10.6	82.0
2000	11	1.48	9.7	1.7	9.7	11.4		11.4	83.3
2001	12	1.42	10.6	3.2	10.6	13.8		13.8	69.1
2002	13	1.37	14.1	1.2	14.1	15.3		15.3	29.7
2003	14	1.32	9.1	1.0	9.1	10.1		10.1	28.8
2004	15	1.27	11.9	2.9	11.9	14.9		14.9	19.0
2005	16	1.22	6.0	1.1	6.0	7.1		7.1	16.7
2006	17	1.17	9.9	0.8	9.9	10.7		10.7	17.0
2007	18	1.12	8.8	0.8	8.8	9.6		9.6	15.8
2008	19	1.08	10.3	0.6	10.3	10.9		10.9	17.8
2009	20	1.04	9.3	0.6	9.3	9.9		9.9	17.4
2010	21	1.00	7.7	0.6	7.7	8.3		8.3	16.6
2011	22	0.96	11.3	0.6	11.3	11.8		11.8	15.9
2012	23	0.92	8.8	0.6	8.8	9.3		9.3	15.2
2013	24	0.89	14.5	0.5	14.5	14.5		14.5	27.7
2014	25	2	0.85	0.5	0.5	17.9	13.2	12.7	30.6
2015	26	3	0.82	0.5	0.5	17.2	12.2	12.2	29.4
2016	27	4	0.79	0.5	0.5	16.5	11.8	11.8	28.3
2017	28	5	0.76	0.5	0.5	15.9	11.3	11.3	27.2
2018	29	6	0.73	0.4	0.4	15.3	10.9	10.9	26.2
2019	30	7	0.70	0.4	0.4	14.7	10.5	10.5	25.2
2020	31	8	0.68	0.4	0.4	14.1	10.1	10.1	24.2
2021	32	9	0.65	0.4	0.4	13.6	9.7	9.7	23.3
2022	33	10	0.62	0.4	0.4	13.1	9.3	9.3	22.0
2023	34	11	0.60	0.4	0.4	12.6	8.9	8.9	21.5
2024	35	12	0.58	0.3	0.3	12.1	8.6	8.6	20.7
2025	36	13	0.56	0.5	0.3	11.6	8.3	8.3	19.9
2026	37	14	0.53	0.3	0.3	11.2	8.0	8.0	19.1
2027	38	15	0.51	0.3	0.3	10.7	7.6	7.6	18.4
2028	39	16	0.49	1.8	0.3	10.3	7.4	7.4	17.7
2029	40	17	0.47	0.8	0.3	10.0	7.1	7.1	17.0
2030	41	18	0.46	0.3	0.3	9.5	6.8	6.8	16.3
2031	42	19	0.44	0.1	0.3	9.2	6.5	6.5	15.7
2032	43	20	0.42	0.3	0.3	8.8	6.3	6.3	15.1
2033	44	21	0.41	0.2	0.2	8.5	6.0	6.0	14.5
2034	45	22	0.39	0.2	0.2	8.2	5.8	5.8	14.0
2035	46	23	0.38	0.2	0.2	7.8	5.6	5.6	13.4
2036	47	24	0.36	0.2	0.2	7.4	5.4	5.4	12.7
2037	48	25	0.35	0.2	0.2	6.7	5.2	5.2	11.9
2038	49	26	0.33	0.2	0.2	6.4	5.0	5.0	11.4
2039	50	27	0.32	0.2	0.2	6.2	4.8	4.8	11.0
2040		28	0.31	0.2	0.2	6.0	4.6	4.6	10.6
2041		29	0.30	0.2	0				

鳥取港千代地区防波堤整備事業 建設期間+10%
費用便益分析シート(割引前)

【全体事業】

年度	施設供用期間	割引前 (億円)							
		初期投資・更新投資	管理運営費	総費用(C)	輸送コストの削減便益	海難の減少便益	その他便益	総便益(B)	純便益(B-C)
1977		10.2		10.2				-10.2	
1978		5.1		5.1				-5.1	
1979		9.0		9.0				-9.0	
1980		10.5		10.5				-10.5	
1981		11.5		11.5				-11.5	
1982		13.3		13.3				-13.3	
1983		17.2		17.2				-17.2	
1984		24.0		24.0				-24.0	
1985		25.1		25.1				-25.1	
1986		21.5		21.5	0.8		0.8	-20.7	
1987		18.8		18.8	0.9		0.9	-17.9	
1988		18.9		18.9	1.9		1.9	-17.0	
1989		15.9		15.9	1.7		1.7	-14.2	
1990	1	4.3	1.3	5.6	2.0		2.0	-3.6	
1991	2	5.5	1.3	6.8	1.9		1.9	-4.9	
1992	3	7.8	1.3	9.1	2.5		2.5	-6.6	
1993	4	10.7	1.3	12.0	3.4		3.4	-8.6	
1994	5	13.4	1.3	14.7	2.8		2.8	-11.9	
1995	6	8.6	1.3	9.9	2.8		2.8	-7.1	
1996	7	4.1	1.3	5.4	5.6		5.6	0.2	
1997	8	4.1	1.3	5.4	27.2		27.2	21.8	
1998	9	5.7	1.3	7.0	48.0		48.0	41.0	
1999	10	5.2	1.3	6.5	60.2		60.2	53.7	
2000	11	6.2	1.1	7.3	62.6		62.6	55.3	
2001	12	6.9	0.6	7.5	53.3		53.3	45.8	
2002	13	9.5	0.8	10.3	23.4		23.4	13.1	
2003	14	6.4	0.7	7.1	23.3		23.3	16.2	
2004	15	8.9	2.2	11.1	15.8		15.8	4.7	
2005	16	4.7	0.9	5.6	14.3		14.3	8.7	
2006	17	8.2	0.7	8.9	15.0		15.0	6.1	
2007	18	7.8	0.7	8.5	14.4		14.4	6.6	
2008	19	9.8	0.6	10.4	16.8		16.8	6.4	
2009	20	8.9	0.6	9.5	16.7		16.7	7.2	
2010	21	3.6	0.6	4.2	16.6		16.6	12.4	
2011	22	6.7	0.6	7.3	16.5		16.5	9.2	
2012	23	7.0	0.6	7.6	16.4		16.4	8.8	
2013	24	6.1	0.6	6.7	16.3		16.3	9.6	
2014	25	5.5	0.6	6.1	20.9		20.9	14.8	
2015	26	1	0.6	1.6	35.8	14.9	35.8	35.2	
2016	27	2	0.6	2.6	35.8	14.9	35.8	35.2	
2017	28	3	0.6	3.6	35.8	14.9	35.8	35.2	
2018	29	4	0.6	4.6	35.8	14.9	35.8	35.2	
2019	30	5	0.6	5.6	35.8	14.9	35.8	35.2	
2020	31	6	0.6	6.6	35.8	14.9	35.8	35.2	
2021	32	7	0.6	7.6	35.8	14.9	35.8	35.2	
2022	33	8	0.6	8.6	35.8	14.9	35.8	35.2	
2023	34	9	0.6	9.6	35.8	14.9	35.8	35.2	
2024	35	10	0.6	10.6	35.8	14.9	35.8	35.2	
2025	36	11	0.9	11.9	35.8	14.9	35.8	34.3	
2026	37	12	0.6	12.6	35.8	14.9	35.8	35.2	
2027	38	13	0.6	13.6	35.8	14.9	35.8	35.2	
2028	39	14	3.7	17.7	35.8	14.9	35.8	31.5	
2029	40	15	1.6	16.6	35.8	14.9	35.8	33.6	
2030	41	16	0.6	17.2	35.8	14.9	35.8	35.2	
2031	42	17	0.3	17.3	35.8	14.9	35.8	34.9	
2032	43	18	0.6	18.6	35.8	14.9	35.8	35.2	
2033	44	19	0.6	19.6	35.8	14.9	35.8	35.2	
2034	45	20	0.6	20.6	35.8	14.9	35.8	35.2	
2035	46	21	0.6	21.6	35.8	14.9	35.8	35.2	
2036	47	22	0.6	22.6	35.3	14.9	35.3	34.7	
2037	48	23	0.6	23.6	34.2	14.9	34.2	33.6	
2038	49	24	0.6	24.6	34.2	14.9	34.2	33.6	
2039	50	25	0.6	25.6	54.6	20.4	54.6	54.0	
2040		26	0.6	27.2	14.3		14.3	14.3	
2041		27	0.6	27.8	14.9		14.9	14.3	
2042		28	0.6	29.4	14.9		14.9	14.3	
2043		29	0.6	30.0	14.9		14.9	14.3	
2044		30	0.6	30.6	14.9		14.9	14.3	
2045		31	0.6	31.2	14.9		14.9	14.3	
2046		32	0.6	31.8	14.9		14.9	14.3	
2047		33	0.6	32.4	14.9		14.9	14.3	
2048		34	0.6	33.0	14.9		14.9	14.3	
2049		35	0.6	33.6	14.9		14.9	14.3	
2050		36	0.6	34.2	14.9		14.9	14.3	
2051		37	0.6	34.8	14.9		14.9	14.3	
2052		38	0.6	35.4	14.9		14.9	14.3	
2053		39	0.6	36.0	14.9		14.9	14.3	
2054		40	0.6	36.6	14.9		14.9	14.3	
2055		41	0.6	37.2	14.9		14.9	14.3	
2056		42	0.6	37.8	14.9		14.9	14.3	
2057		43	0.6	38.4	14.9		14.9	14.3	
2058		44	0.6	39.0	14.9		14.9	14.3	
2059		45	0.6	39.6	14.9		14.9	14.3	
2060		46	0.6	40.2	14.9		14.9	14.3	
2061		47	0.6	40.8	14.9		14.9	14.3	
2062		48	0.6	41.4	14.9		14.9	14.3	
2063		49	0.6	42.0	14.9		14.9	14.3	
2064		50	0.6	42.6	14.9		14.9	14.3	
合計		383.1	56.4	439.5	1021.2	745.0	44.8	1811.0	1371.5

費用便益分析シート(割引後)

EIRR= 5.7% NPV= 170 億円
B/C= 1.2

年度	施設供用期間	社会的割引率	割引後 (億円)						
			初期投資・更新投資	管理運営費	総費用(C)	輸送コストの削減便益	海難の減少便益	その他便益	総便益(B)
1977		3.65	60.0		60.0				-60.0
1978		3.51	26.6		26.6				-26.6
1979		3.37	41.2		41.2				-41.2
1980		3.24	42.0		42.0				-42.0
1981		3.12	43.5		43.5				-43.5
1982		3.00	48.6		48.6				-48.6
1983		2.88	60.7		60.7				-60.7
1984		2.77	80.3		80.3				-80.3
1985		2.67	82.2		82.2				-82.2
1986		2.56	67.6		67.6				-67.6
1987		2.46	56.0		56.0	1.9		1.9	-53.9
1988		2.37	52.8		52.8	4.3		4.3	-48.6
1989		2.28	40.8		40.8	3.6		3.6	-37.2
1990	1	2.19	10.2	3.1	13.3	3.9		3.9	-9.4
1991	2	2.11	12.2	2.9	15.1	3.5		3.5	-11.6
1992	3	2.03	16.5	2.7	19.2	4.4		4.4	-14.8
1993	4	1.95	21.8	2.6	24.4	5.7		5.7	-18.7
1994	5	1.87	26.0	2.5	28.5	4.5		4.5	-23.9
1995	6	1.80	16.0	2.4	18.4	4.4		4.4	-14.0
1996	7	1.73	7.3	2.3	9.7	8.5		8.5	-1.2
1997	8	1.67	7.0	2.2	9.2	39.2		39.2	30.0
1998	9	1.60	9.5	2.2	11.7	67.0		67.0	55.3
1999	10	1.54	8.5	2.1	10.6	82.0		82.0	71.4
2000	11	1.48	9.7	1.7	11.4	83.3		83.3	71.9
2001	12	1.42	10.6	3.2	13.8	89.1		89.1	55.3
2002	13	1.37	14.1	1.2	15.3	29.7		29.7	14.4
2003	14	1.32	9.1	1.0	10.1	28.8		28.8	18.7
2004	15	1.27	11.9	2.9	14.9	19.0		19.0	4.1
2005	16	1.22	6.0	1.1	7.1	16.7		16.7	9.6
2006	17	1.17	9.9	0.8	10.7	17.0		17.0	6.3
2007	18	1.12	8.8	0.8	9.6	15.8		15.8	6.2
2008	19	1.08	10.3	0.6	10.9	17.8		17.8	6.9
2009	20	1.04	9.3	0.6	9.9	17.4		17.4	7.5
2010	21	1.00	3.6	0.6	4.2	16.6		16.6	12.4
2011	22	0.96	6.6	0.6	7.0	15.9		15.9	8.8
2012	23	0.92	6.5	0.6	7.0	15.2		15.2	8.1
2013	24	0.89	5.4	0.5	6.0	14.5		14.5	8.5
2014	25	0.85	4.7	0.5	5.2	17.9		17.9	12.7
2015	26	0.82	0.5	0.5	1.0	17.2	12.2	29.4	28.9
2016	27	0.79	0.5	0.5	1.0	16.5	11.8	28.3	27.8
2017	28	0.76	0.5	0.5	1.0	15.9	11.3	27.2	26.7
2018	29	0.73	0.4	0.4	0.8	15.3	10.9	26.2	25.7
2019	30	0.70	0.4	0.4	0.7	14.7	10.5	25.2	24.7
2020	31	0.68	0.4	0.4	0.6	14.1	10.1	24.2	23.8
2021	32	0.65	0.4	0.4	0.5	13.6	9.7	23.3	22.9
2022	33	0.62	0.4	0.4	0.4	13.1	9.3	22.4	22.0
2023	34	0.60	0.4	0.4	0.4	12.6	8.9	21.5	21.1
2024	35	0.58	0.3	0.3	0.3	12.1	8.6	20.7	20.3
2025	36	0.56	0.3	0.3	0.3	11.6	8.3	19.9	19.0
2026	37	0.53	0.3	0.3	0.3	11.2	8.0	19.1	18.8
2027	38	0.51	0.3	0.3	0.3	10.7	7.6	18.4	18.1
2028	39	0.49	1.8	0.3	2.1	10.3	7.4	17.7	15.5
2029	40	0.47	0.8	0.3	1.0	9.9	7.1	17.0	15.9
2030	41	0.46	0.3	0.3	0.3	9.5	6.8	16.3	16.1
2031	42	0.44	0.1	0.3	0.4	9.2	6.5	15.7	15.3
2032	43	0.42	0.3	0.3	0.3	8.8	6.3	15.1	14.9
2033	44	0.41	0.2	0.2	0.2	8.5	6.0	14.5	14.3
2034	45	0.39	0.2	0.2	0.2	8.2	5.8	14.0	13.7
2035	46	0.38	0.2	0.2	0.2	7.8	5.6	13.4	13.2
2036	47	0.36	0.2	0.2	0.2	7.4	5.4	12.7	12.5
2037	48	0.35	0.2	0.2	0.2	6.7	5.2	11.9	11.7
2038	49	0.33	0.2	0.2	0.2	6.4	5.0	11.4	11.2