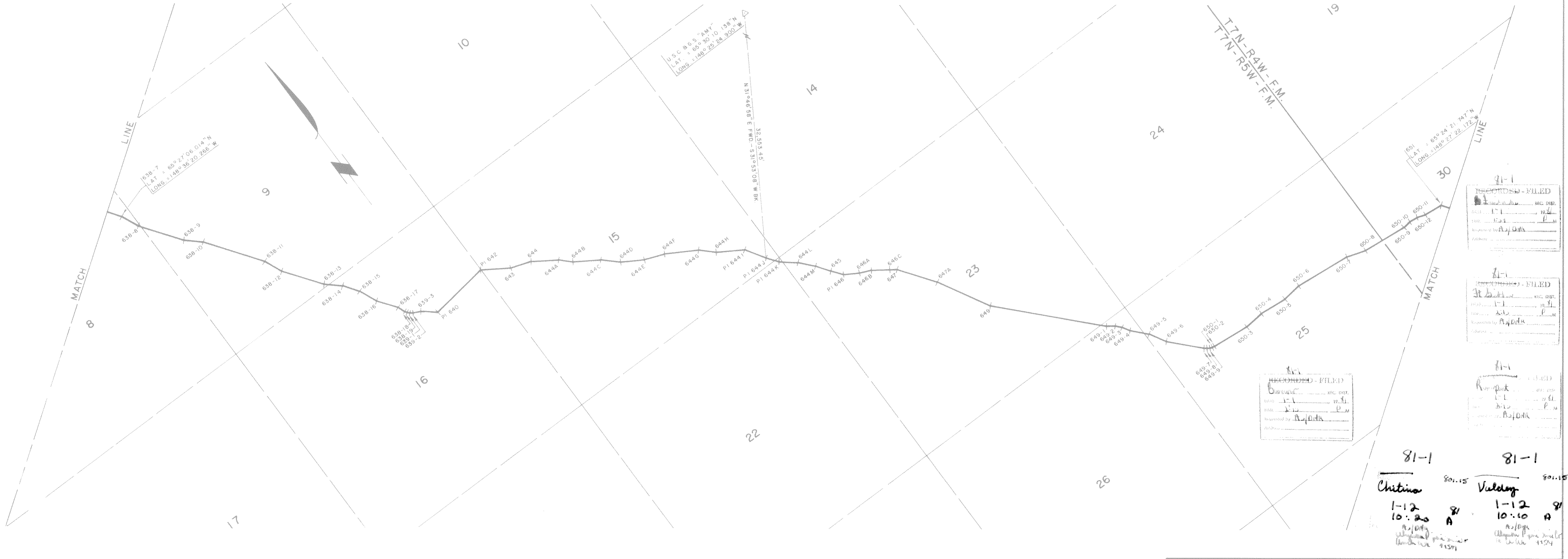


POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE													
	RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD							
638-6	S 35°55'40"E	-	478.08'	638-14	S 35°55'08"E	-	358.94'	639-3	S 51°03'19"E	-	354.42'	644D	S 59°26'23"E	-	524.43'	644L	S 42°22'08"E	-	403.46'	647A	S 29°01'30"E	-	1232.43'	649-7	S 49°25'24"E	-	58.43'	650-6	S 84°06'47"E	-	1194.11'	652										
638-7	S 23°28'32"E	-	419.66'	638-15	S 23°25'42"E	-	419.35'	PI 640	248.81'	107.93'	198.02'	644E	S 69°24'21"E	-	433.20'	644M	S 38°36'39"E	-	355.71'	649	S 43°10'08"E	-	2537.82'	649-8	S 57°43'19"E	-	58.15'	650-7	S 71°36'14"E	-	419.75'											
638-8	S 35°57'04"E	-	1017.42'	638-16	S 35°58'02"E	-	478.60'	PI 642	311.00'	115.34'	216.29'	644F	S 89°25'19"E	-	745.83'	645	S 37°32'48"E	-	266.41'	649-1	S 85°42'02"E	-	178.77'	649-9	S 68°52'04"E	-	58.41'	650-8	S 84°05'53"E	-	956.26'											
638-9	S 48°26'33"E	-	420.28'	638-17	S 23°29'32"E	-	179.51'	643	S 71°27'03"E	-	434.95'	644G	S 45°49'20"E	-	379.43'	PI 646	290.93'	51.37'	101.17'	649-2	S 42°50'30"E	-	163.79'	649-10	S 79°20'26"E	-	57.86'	650-9	N 83°25'07"E	-	180.37'											
638-10	S 35°58'46"E	-	1361.25'	638-18	S 36°16'20"E	-	60.25'	644	S 56°42'30"E	-	599.98'	644H	S 56°47'41"E	-	606.78'	646A	S 67°03'20"E	-	262.18'	649-3	S 30°40'28"E	-	178.04'	650-2	S 84°03'58"E	-	800.51'	650-10	S 84°05'13"E	-	179.46'											
638-11	S 23°22'00"E	-	420.60'	638-19	S 43°25'51"E	-	59.66'	644A	237.26'	55.48'	106.04'	PI 644I	S 32°28'14"E	-	488.80'	646B	S 55°16'46"E	-	395.62'	649-4	S 43°20'14"E	-	401.78'	650-3	N 83°18'26"E	-	419.71'	650-11	S 71°27'17"E	-	179.87'											
638-12	S 35°56'22"E	-	942.30'	639-1	S 51°27'36"E	-	62.50'	644B	S 57°46'59"E	-	610.45'	PI 644J	S 36°01'07"E	-	287.23'	646C	S 56°35'08"E	-	141.88'	649-5	S 30°40'52"E	-	419.67'	650-4	S 84°09'32"E	-	583.34'	650-12	S 84°04'36"E	-	397.00'											
638-13	S 48°30'37"E	-	419.08'	639-2	S 64°01'07"E	-	178.82'	644C	S 51°58'17"E	-	387.77'	PI 644K	S 51°58'17"E	-	387.77'	647	S 36°17'28"E	-	915.36'	649-6	S 43°10'14"E	-	819.18'	650-5	N 83°23'23"E	-	417.97'	651	S 35°09'06"E	-	2371.25'											

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



81-1
RECORDED - FILED
DATE: 1-11-80
BY: [Signature]
Suggested by: R. J. Duda

81-1
RECORDED - FILED
DATE: 1-11-80
BY: [Signature]
Suggested by: R. J. Duda

81-1
RECORDED - FILED
DATE: 1-11-80
BY: [Signature]
Suggested by: R. J. Duda

81-1
801.15
Chitina
1-12 10:20
81
A
801.15
Valdez
1-12 10:10
81
A
801.15

Date of Survey	Beginning Feb, 1977	Ending Oct, 1980	Name of Surveyor	OCEAN TECHNOLOGY LTD. DBA F.M. LINDSEY & ASSOC.
Drawn by	A. D. A.	Approved	R. C. D.	Scale 1" = 1000'

Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T. 7N., R. 5W., & T. 7N., R. 4W., F.M., ALASKA

UNITED STATES DEPARTMENT OF THE INTERIOR	STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA
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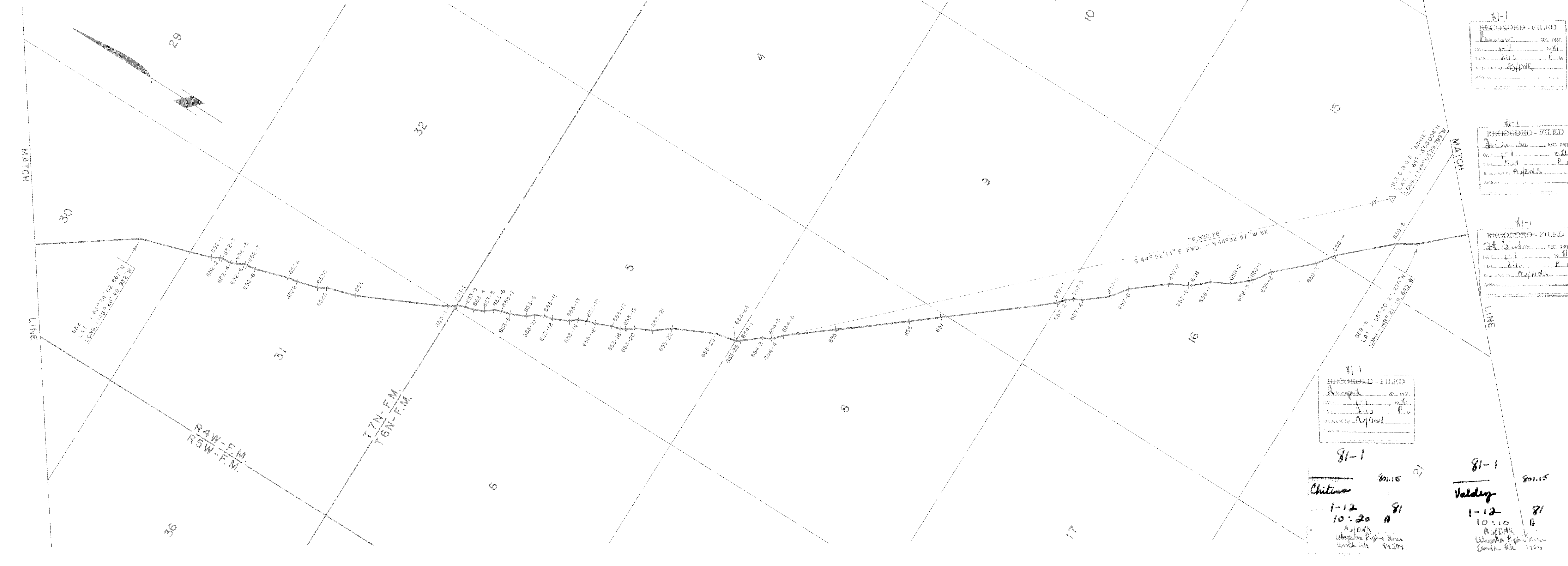
AL-00-GIOI SHEET 72 OF 143		ER-	
ALYESKA PIPELINE SERVICE CO., AGENT			
TRANS ALASKA PIPELINE SYSTEM			
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE			
Approval Recommended	[Signature]	Approval Recommended	[Signature]
Approval	[Signature]	Approval	[Signature]
Title	Authorized Officer	Title	Authorized Officer
File No.		File No.	102-7

Approval/Recommended	[Signature]	Approval/Recommended	[Signature]
Name	[Signature]	Name	[Signature]
Title	Chief, Division of Cadastral Survey Bureau of Land Management	Title	Chief Cadastral Surveyor
Approval	[Signature]	Approval	[Signature]
Name	[Signature]	Name	[Signature]
Title	Authorized Officer	Title	Authorized Officer
File No.		File No.	102-7

POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE						
	RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD				
651	S 55° 09' 06" E	—	2371.25'	652-7	S 05° 05' 30" E	—	179.73'	653-2	S 25° 26' 32" E	—	164.96'	653-18	S 25° 09' 32" E	—	119.72'	654-1	S 39° 02' 06" E	—	473.66'	657-1	S 52° 01' 22" E	—	180.13'	658	S 40° 56' 42" E	—	385.72'	659-5	S 30° 23' 43" E	—	420.22'
652	S 17° 32' 50" E	—	1528.61'	652-8	S 17° 36' 40" E	—	708.09'	653-3	S 12° 50' 18" E	—	178.86'	653-11	S 12° 56' 54" E	—	180.08'	654-2	S 26° 10' 27" E	—	177.16'	657-2	S 39° 21' 51" E	—	169.99'	658-1	S 28° 23' 40" E	—	419.74'	659-6	S 42° 53' 27" E	—	1435.80'
652-1	S 30° 14' 43" E	—	178.47'	652 A	S 07° 21' 48" E	—	191.42'	653-4	S 25° 28' 10" E	—	233.93'	653-12	S 25° 27' 55" E	—	358.19'	654-3	S 38° 32' 40" E	—	61.34'	657-3	S 26° 55' 26" E	—	180.12'	658-2	S 40° 54' 10" E	—	393.68'	659-7			
652-2	S 17° 24' 24" E	—	58.15'	652 B	S 17° 06' 44" E	—	467.60'	653-5	S 37° 59' 48" E	—	179.55'	653-13	S 37° 55' 28" E	—	180.04'	654-4	S 51° 51' 09" E	—	178.01'	657-4	S 39° 25' 19" E	—	591.70'	658-3	S 42° 55' 23" E	—	59.94'	659-1	S 55° 25' 10" E	—	419.17'
652-3	S 04° 39' 13" E	—	179.71'	652 C	S 28° 51' 35" E	—	181.12'	653-6	S 25° 28' 43" E	—	178.75'	653-14	S 25° 29' 22" E	—	179.52'	654-5	S 38° 58' 09" E	—	1073.12'	657-5	S 51° 56' 49" E	—	419.94'	658-4	S 42° 55' 16" E	—	950.81'	659-2	S 55° 27' 05" E	—	419.58'
652-4	S 17° 43' 22" E	—	118.99'	652 D	S 17° 19' 36" E	—	605.51'	653-7	S 12° 55' 19" E	—	179.31'	653-15	S 12° 55' 34" E	—	179.69'	655	S 38° 36' 24" E	—	1548.44'	657-6	S 39° 27' 26" E	—	838.28'	659-3	S 42° 55' 16" E	—	950.81'	659-3	S 55° 27' 05" E	—	419.58'
652-5	S 29° 57' 05" E	—	179.14'	653	S 25° 25' 08" E	—	1959.14'	653-8	S 25° 25' 47" E	—	358.94'	653-16	S 25° 09' 49" E	—	59.36'	656	S 39° 10' 24" E	—	686.70'	657-7	S 26° 52' 16" E	—	420.02'	659-4	S 42° 53' 24" E	—	1309.75'	659-4	S 42° 53' 24" E	—	1309.75'
652-6	S 17° 23' 33" E	—	59.18'	653-1	S 38° 00' 10" E	—	178.87'	653-9	S 37° 57' 22" E	—	180.26'	653-17	S 13° 09' 27" E	—	179.74'	657	S 39° 10' 18" E	—	2428.10'	657-8	S 39° 17' 44" E	—	59.35'								

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



Date of Survey	Feb. 1977	Ending	Oct. 1980	Name of Surveyor	OCEAN TECHNOLOGY LTD. DBA F.M. LINDSEY & ASSOC.
Drawn by	A. D. A.	Approved	R. C. D.	Scale	1" = 1000'
Description:	A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.7N., R.4W., & T.6N., R.4W., F.M., ALASKA				
UNITED STATES DEPARTMENT OF THE INTERIOR			STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA		
Approval Recommended	Name: <i>R. C. Davis</i>			Approval Recommended	Name: <i>Alfred Best</i> 11/14/80
Title:	Chief, Division of Cadastral Survey Bureau of Land Management			Title:	Chief Cadastral Surveyor
Approved	Name: <i>Alan H. Kohl</i>			Approved	Name: <i>Alfred Best</i>
Title:	Acting Authorized Officer			Title:	Authorized Officer
File No.				File No.	102-7

AL-00-GIOI SHEET 73 OF 143

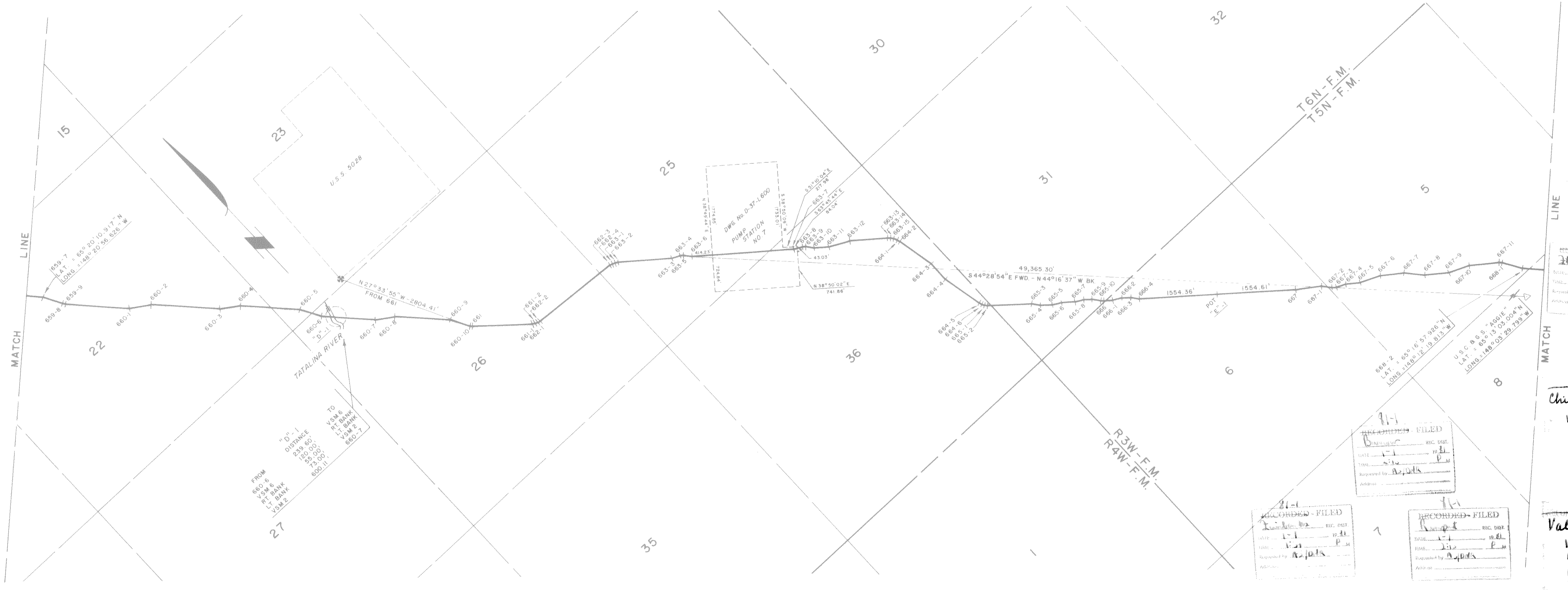
ER-

ALYESKA PIPELINE SERVICE CO., AGENT
TRANS ALASKA PIPELINE SYSTEM
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE
Approval Recommended <i>A. D. A.</i>
Approval <i>R. C. Davis</i>

POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD		
659-6	S 42° 53' 27" E - 1435.80'	660-5	S 30° 49' 15" E - 420.34'	661-2	S 63° 41' 36" E - 58.80'	663-4	S 51° 01' 16" E - 51.51'	663-12	S 51° 17' 45" E - 777.84'	664-5	S 18° 11' 17" E - 59.52'	665-7	S 61° 56' 02" E - 179.38'	666-4	S 50° 25' 10" E - 3108.97'	667-7	S 40° 57' 21" E - 419.33'		
659-7	S 30° 22' 55" E - 419.52'	660-6	S 43° 17' 35" E - 1087.71'	662-1	S 80° 02' 09" E - 58.23'	663-5	S 38° 41' 54" E - 180.64'	663-13	S 45° 21' 59" E - 59.82'	664-6	S 30° 33' 39" E - 61.30'	665-8	S 49° 28' 42" E - 162.66'	667	S 53° 06' 12" E - 535.94'	667-8	S 53° 15' 28" E - 477.46'		
659-8	S 42° 08' 15" E - 60.14'	660-7	S 55° 54' 27" E - 420.15'	662-2	S 86° 00' 35" E - 1766.82'	663-6	S 51° 10' 18" E - 2036.43'	663-14	S 36° 13' 29" E - 62.65'	665-1	S 43° 25' 36" E - 59.33'	665-9	S 37° 00' 14" E - 180.01'	667-1	S 41° 19' 10" E - 180.01'	667-9	S 68° 51' 28" E - 419.44'		
659-9	S 43° 23' 03" E - 1260.41'	660-8	S 43° 19' 21" E - 1082.84'	662-3	S 78° 13' 16" E - 59.93'	663-7	S 63° 45' 44" E - 179.70'	663-15	S 26° 14' 59" E - 58.20'	665-2	S 49° 31' 29" E - 869.80'	665-10	S 48° 44' 10" E - 60.39'	667-2	S 53° 23' 14" E - 109.66'	667-10	S 53° 21' 01" E - 604.35'		
660-1	S 55° 51' 47" E - 419.73'	660-9	S 30° 42' 53" E - 416.33'	662-4	S 70° 58' 21" E - 60.67'	663-8	S 50° 58' 56" E - 58.59'	664-1	S 16° 22' 16" E - 59.02'	665-3	S 37° 06' 49" E - 179.70'	666	S 50° 39' 47" E - 181.36'	667-3	S 65° 56' 35" E - 179.22'	667-11	S 43° 29' 08" E - 60.37'		
660-2	S 43° 20' 06" E - 1379.17'	660-10	S 43° 23' 30" E - 60.32'	663-1	S 56° 36' 28" E - 58.79'	663-9	S 38° 40' 10" E - 179.46'	664-2	S 11° 59' 12" E - 764.45'	665-4	S 49° 29' 20" E - 235.05'	666-1	S 63° 04' 00" E - 180.02'	667-4	S 53° 21' 50" E - 295.45'	668-1	S 31° 04' 29" E - 418.84'		
660-3	S 55° 51' 56" E - 420.25'	661	S 49° 11' 43" E - 1161.16'	663-2	S 51° 01' 52" E - 1064.36'	663-10	S 51° 09' 15" E - 298.93'	664-3	S 00° 31' 12" W - 419.98'	665-5	S 61° 56' 41" E - 179.90'	666-2	S 80° 30' 21" E - 185.65'	667-5	S 66° 54' 04" E - 418.96'	668-2	S 43° 30' 15" E - 845.43'		
660-4	S 43° 21' 00" E - 1195.76'	661-1	S 59° 20' 05" E - 58.19'	663-3	S 63° 41' 07" E - 180.01'	663-11	S 63° 41' 48" E - 419.07'	664-4	S 11° 55' 05" E - 819.93'	665-6	S 49° 29' 01" E - 281.38'	666-3	S 38° 01' 30" E - 180.15'	667-6	S 53° 14' 42" E - 478.34'	668-3			

P.I. - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



Date of Survey	Beginning Feb, 1977	Ending Oct, 1980	Name of Surveyor	OCEAN TECHNOLOGY LTD DBA F.M. LINDSEY & ASSOC.	Lic. No.	1637-5
Drawn by	A. D. A.	Approved	R.C.D.	Scale	1" = 1000'	
Description	A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.6N., R.4 & 3W., & T.5N., R.3W., F.M., ALASKA					
UNITED STATES DEPARTMENT OF THE INTERIOR			STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA			
Approval Recommended	Name: <i>[Signature]</i> Title: Chief, Division of Cadastral Survey Bureau of Land Management			Approval Recommended	Name: <i>[Signature]</i> 4/14/80 Title: Chief Cadastral Surveyor	
Approval Recommended	Name: <i>[Signature]</i> Title: Authorized Officer 12/12/1980			Approval	Name: <i>[Signature]</i> Title: Authorized Officer	
File No.						File No. 102-7

AL-00-G101 SHEET 74 OF 143				ER-			
ALYESKA PIPELINE SERVICE CO., AGENT				TRANS ALASKA PIPELINE SYSTEM			
PRUDHOE BAY TO VALDEZ				48" OIL PIPELINE			
Approval Recommended <i>[Signature]</i>				Approval <i>[Signature]</i>			
DATE	REVISION	BY	CHKD	APP			

POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE				
	RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		
668-2	S43°36'15"E		845.43	669-7	S32°02'20"E		177.42	671-3	S34°39'27"E		179.46	673-2	S08°26'15"W		784.14	673-10	S08°26'23"W		179.72										
668-3	S37°00'40"E		58.70	669-8	S19°22'06"E		167.33	671-4	S22°00'36"E		701.25	673-3	S20°57'48"W		419.41	673-11	S04°03'42"E		179.28										
669-1	S27°03'26"E		60.26	669-9	S06°39'54"E		177.97	671-5	S34°33'55"E		418.11	673-4	S08°24'48"W		634.10	673-12	S08°27'20"W		627.42										
669-2	S19°16'42"E		668.56	669-10	S19°21'47"E		3271.77	671-6	S21°53'46"E		58.75	673-5	S20°57'11"W		419.75	PI 674	286.96 96.84 183.51												
669-3	S06°46'56"E		416.63	PI 670	201.91 134.15 223.46			671-7	S17°41'54"E		1041.74	673-6	S08°25'00"W		839.16	PI 675	413.90 98.68 191.97												
669-4	S19°20'53"E		1080.42	PI 671	330.18 208.65 352.76			672-1	S13°07'30"E		57.23	673-7	S04°03'55"E		419.59	676	S13°37'14"E		2459.12										
669-5	S31°54'43"E		417.54	671-1	S09°24'55"E		179.74	672-2	S04°26'02"E		56.93	673-8	S08°25'22"W		719.24	676-1	S26°06'23"E		180.25										
669-6	S19°21'01"E		939.39	671-2	S21°57'31"E		172.51	673-1	S03°37'40"W		56.97	673-9	S20°48'54"W		179.82	676-2													

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



RECORDED - FILED
 DATE: 1-1-80
 TIME: 1:15 P.M.
 BY: [Signature]

RECORDED - FILED
 DATE: 1-1-80
 TIME: 1:15 P.M.
 BY: [Signature]

RECORDED - FILED
 DATE: 1-1-80
 TIME: 1:15 P.M.
 BY: [Signature]

RECORDED - FILED
 DATE: 1-1-80
 TIME: 1:15 P.M.
 BY: [Signature]

81-1
 Chitina
 1-12 81
 10:20 A
 [Signature]

81-1
 Valdez
 1-12 81
 10:10 A
 [Signature]

AL-00-GIOI SHEET 75 OF 143 ER-

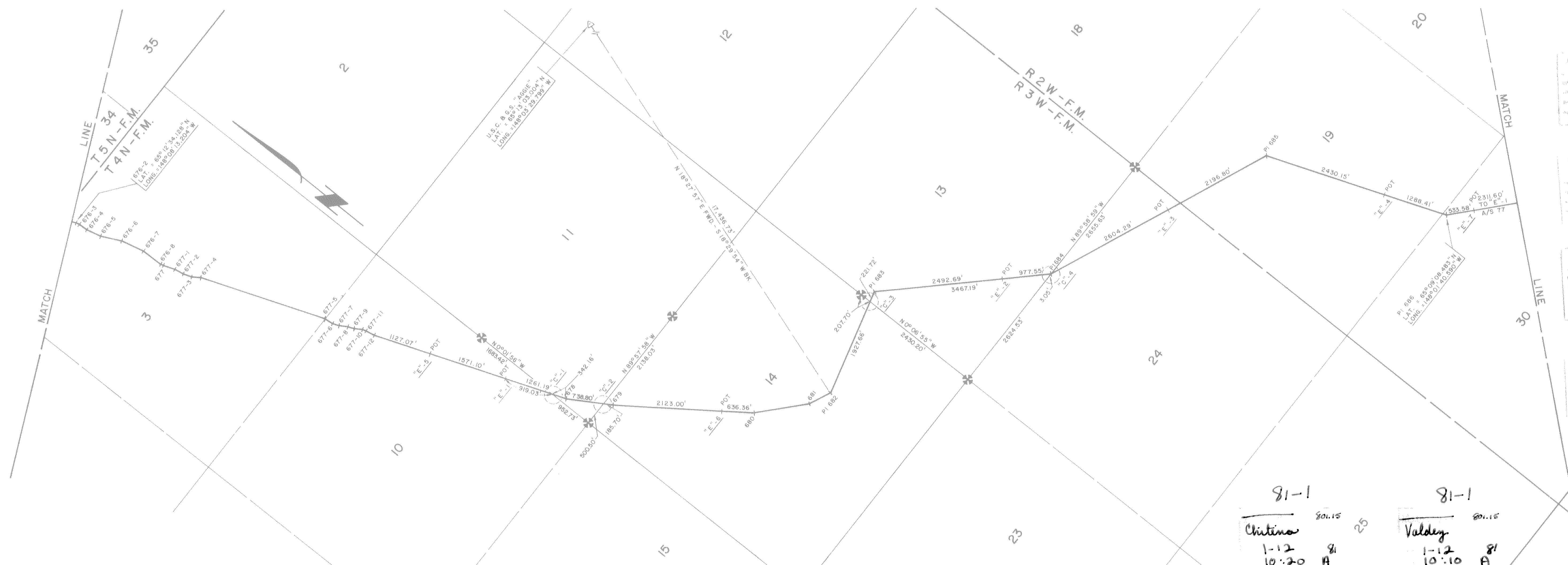
ALYESKA PIPELINE SERVICE CO., AGENT			
TRANS ALASKA PIPELINE SYSTEM			
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE			
Approval Recommended	[Signature]		
Approval	[Signature]		

Date of Survey	Beginning Feb, 1977	Ending Oct, 1980	Name of Surveyor	OCEAN TECHNOLOGY LTD. DBA F.M. LINDSEY & ASSOC.
Drawn by	A.D.A.	Approved	R.C.D.	Scale 1" = 1000'
Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.5N., R.3W., & T.4N., R.3W., F.M., ALASKA				
UNITED STATES DEPARTMENT OF THE INTERIOR			STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA	
Approval Recommended	[Signature]	Approval Recommended	[Signature]	11/14/80
Name	[Signature]	Name	[Signature]	
Title	Chief, Division of Cadastral Survey Bureau of Land Management	Title	Chief Cadastral Surveyor	
Approved	[Signature]	Approved	[Signature]	
Name	[Signature]	Name	[Signature]	
Title	Authorized Officer	Title	Authorized Officer	
File No.		File No.	102-7	

POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE				
	RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD	
676-1	S 26°06'23" E	180.25'	677	S 20°21'09" E	238.65'	677-8	S 20°13'28" E	123.19'	681	S 64°53'27" E	463.91'													
676-2	S 13°40'53" E	62.20'	677-1	S 07°33'42" E	179.43'	677-9	S 32°46'14" E	178.96'	PI 682	S 19.22' 116.52'	218.90'													
676-3	S 01°04'50" E	179.48'	677-2	S 20°16'10" E	176.01'	677-10	S 18°53'13" E	60.31'	PI 683	N 75°00'44" E	2149.38'													
676-4	S 13°35'40" E	300.75'	677-3	S 33°03'10" E	176.99'	677-11	S 08°05'39" E	177.26'	PI 684	S 44°08'46" E	3470.24'													
676-5	S 28°11'01" E	418.83'	677-4	S 20°11'44" E	2551.19'	677-12	S 20°13'16" E	3959.36'	PI 685	S 44°08'46" E	136.87'													
676-6	S 13°36'04" E	477.37'	677-5	S 07°43'49" E	179.43'	678	S 31°12'15" E	924.50'	PI 686	S 67°01'29" E	4801.09'													
676-7	S 01°03'20" E	418.43'	677-6	S 20°14'33" E	127.54'	679	S 35°08'07" E	2759.36'	PI 687	S 272.71' 117.91'	216.45'													
676-8	S 13°18'13" E	59.59'	677-7	S 32°48'40" E	178.93'	680	S 47°53'06" E	1096.40'		S 338.01' 82.83'	160.89'													
										S 47°45'30" E	7992.14'													

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



81-1
RECORDED - FILED
DATE: 1-1-81
BY: [Signature]
Prepared by: A.J.D.M.

81-1
RECORDED - FILED
DATE: 1-1-81
BY: [Signature]
Prepared by: A.J.D.M.

81-1
RECORDED - FILED
DATE: 1-1-81
BY: [Signature]
Prepared by: A.J.D.M.

81-1
RECORDED - FILED
DATE: 1-1-81
BY: [Signature]
Prepared by: A.J.D.M.

81-1
Chitina 80.15
1-12 81
10:20 A
A.J.D.M.
Alaska Pipeline Service
Anchorage, Alaska 99504

81-1
Valdez 80.15
1-12 81
10:10 A
A.J.D.M.
Alaska Pipeline Service
Anchorage, Alaska 99504

Date of Survey	Beginning Feb, 1977	Ending Oct, 1980	Name of Surveyor	OCEAN TECHNOLOGY LTD DBA F.M. LINDSEY & ASSOC.
Drawn by	C.F.G.	Approved	R.C.D.	Scale 1" = 1000'
Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.4 N., R.3 W., & T.4 N., R.2 W., F.M., ALASKA				
UNITED STATES DEPARTMENT OF THE INTERIOR		STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA		
Approval Recommended	Name: [Signature]	Title: Chief, Division of Cadastral Survey Bureau of Land Management	Approval Recommended	Name: [Signature] 4/14/80
Approval Recommended	Name: [Signature]	Title: [Signature] Acting Authorized Officer 10/12/80	Approval	Name: [Signature]
File No.				File No. 102-8

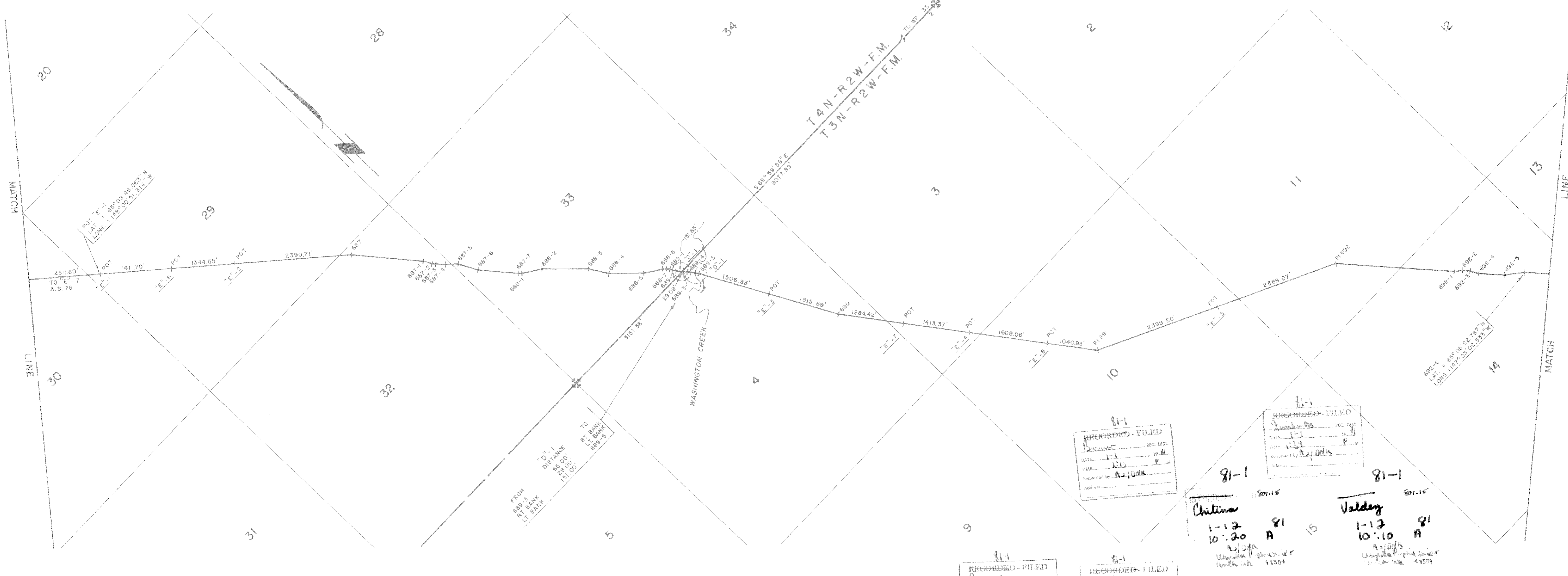
AL-00-GIOI SHEET 76 OF 143 ER-

ALYESKA PIPELINE SERVICE CO., AGENT
TRANS ALASKA PIPELINE SYSTEM
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE
Approval Recommended [Signature]
Approval [Signature]

POINT I.D.	BEARING & DISTANCE	POINT I.D.	BEARING & DISTANCE	POINT I.D.	BEARING & DISTANCE	POINT I.D.	BEARING & DISTANCE	POINT I.D.	BEARING & DISTANCE	POINT I.D.	BEARING & DISTANCE	POINT I.D.	BEARING & DISTANCE	POINT I.D.	BEARING & DISTANCE	POINT I.D.	BEARING & DISTANCE
	RADIUS TANGENT CHORD		RADIUS TANGENT CHORD		RADIUS TANGENT CHORD		RADIUS TANGENT CHORD		RADIUS TANGENT CHORD		RADIUS TANGENT CHORD		RADIUS TANGENT CHORD		RADIUS TANGENT CHORD		RADIUS TANGENT CHORD
PI 686	338.01' 82.83' 160.89'	687-7	S 44° 15' 06" E - 60.14'	689-1	S 28° 22' 24" E - 116.07'	692-1	S 51° 50' 54" E - 178.83'										
	S 47° 45' 30" E - 7992.14'	688-1	S 56° 07' 09" E - 419.61'	689-2	S 41° 11' 59" E - 180.94'	692-2	S 39° 50' 23" E - 162.36'										
687	S 38° 55' 25" E - 1464.41'	688-2	S 43° 40' 35" E - 958.03'	689-3	S 28° 43' 56" E - 55.44'	692-3	S 27° 14' 02" E - 179.39'										
687-1	S 26° 25' 07" E - 180.18'	688-3	S 31° 11' 51" E - 420.64'	689-4	S 16° 08' 43" E - 179.54'	692-4	S 39° 46' 50" E - 526.12'										
687-2	S 39° 09' 59" E - 55.95'	688-4	S 43° 38' 56" E - 717.73'	689-5	S 28° 43' 30" E - 3022.82'	692-5	S 52° 23' 22" E - 417.42'										
687-3	S 51° 38' 38" E - 178.86'	688-5	S 56° 07' 46" E - 420.26'	690	S 35° 36' 11" E - 5346.78'	692-6	S 39° 47' 18" E - 1075.35'										
687-4	S 38° 55' 42" E - 296.50'	688-6	S 43° 38' 14" E - 60.10'	PI 691	296.10' 73.56' 142.77'	692-7	S 63° 28' 57" E - 5188.67'										
687-5	S 26° 24' 42" E - 418.87'	688-7	S 36° 47' 32" E - 59.83'	PI 692	459.62' 96.40' 188.68'												
687-6	S 38° 55' 18" E - 838.50'				S 39° 46' 26" E - 2403.07'												

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



RECORDED - FILED
 DATE: 1-1-81
 TIME: 1:15 P.M.
 Requested by: A. J. J. [Signature]
 Address: [Address]

RECORDED - FILED
 DATE: 1-1-81
 TIME: 10:10 A.M.
 Requested by: A. J. J. [Signature]
 Address: [Address]

Date of Survey: Beginning Feb, 1977 Ending Oct., 1980
 Name of Surveyor: OCEAN TECHNOLOGY LTD. DBA F.M. LINDSEY & ASSOC.
 Drawn by: C.F.G. Approved: R.C.D. Scale: 1" = 1000'

Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.4 N., R.2 W., & T.3 N., R.2 W., F.M., ALASKA

UNITED STATES DEPARTMENT OF THE INTERIOR
 STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA

Approval Recommended
 Name: [Signature]
 Title: Chief, Division of Cadastral Survey, Bureau of Land Management

Approval Recommended
 Name: [Signature]
 Title: Chief Cadastral Surveyor

Approved
 Name: [Signature]
 Title: Authorized Officer

File No. 102-8

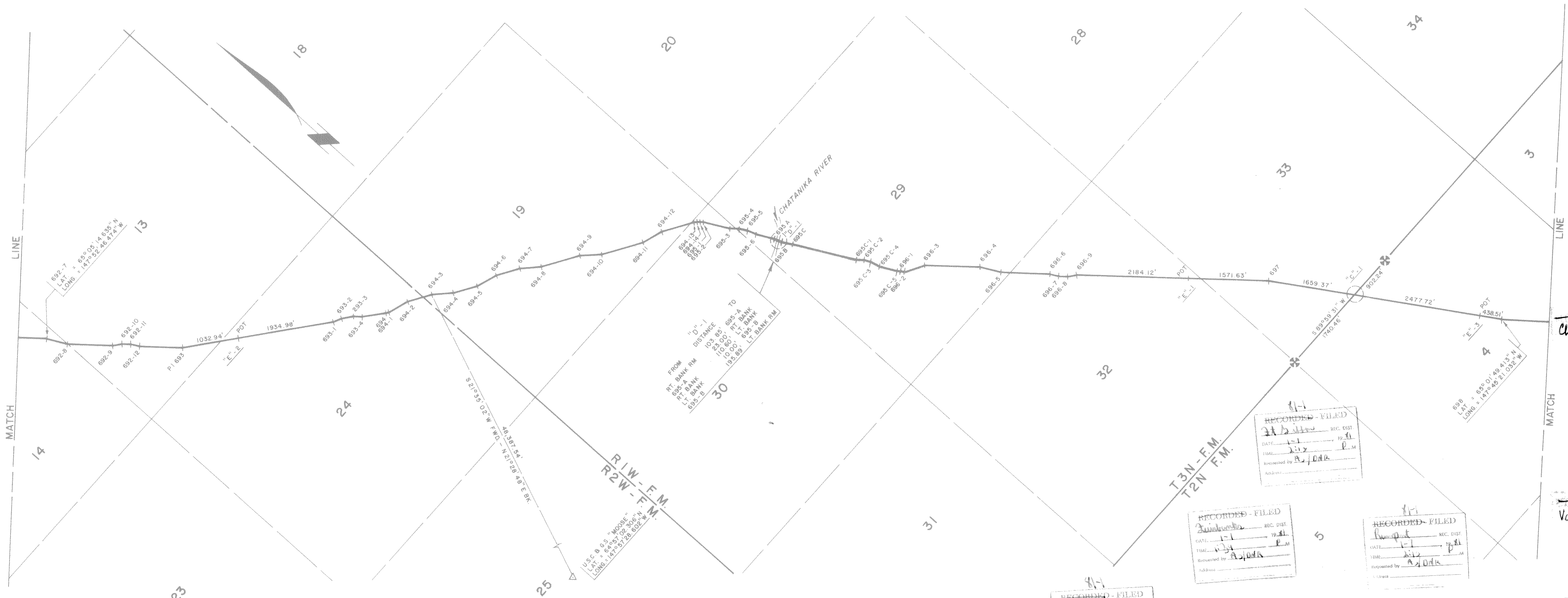
AL-00-GIOI SHEET 77 OF 143 ER-

ALYESKA PIPELINE SERVICE CO., AGENT			
TRANS ALASKA PIPELINE SYSTEM			
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE			
Approval Recommended	[Signature]		
Approval	[Signature]		

POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE
	RADIUS	TANGENT		RADIUS	TANGENT		RADIUS	TANGENT		RADIUS	TANGENT		RADIUS	TANGENT		RADIUS	TANGENT		RADIUS	TANGENT
692-6	S 39° 47' 18" E	1075.35'	693-1	S 64° 07' 42" E	177.16'	694-4	S 58° 08' 19" E	485.45'	694-12	S 58° 05' 32" E	654.80'	695-6	S 28° 44' 50" E	340.93'	695-C5	S 33° 40' 52" E	60.57'	696-8	S 52° 31' 13" E	177.29'
692-7	S 27° 12' 56" E	417.12'	693-2	S 51° 49' 35" E	224.82'	694-5	S 70° 36' 00" E	420.15'	694-13	S 53° 16' 45" E	59.79'	695-A	S 22° 04' 22" E	143.63'	696-1	S 40° 28' 16" E	60.07'	696-9	S 39° 51' 03" E	3755.75'
692-8	S 39° 54' 08" E	884.37'	693-3	S 38° 32' 37" E	175.39'	694-6	S 58° 06' 26" E	479.09'	694-14	S 43° 09' 29" E	59.28'	695-B	S 31° 52' 25" E	228.35'	696-2	S 52° 22' 55" E	419.47'	897	S 32° 20' 11" E	4575.60'
692-9	S 52° 04' 45" E	175.81'	693-4	S 51° 33' 49" E	464.58'	694-7	S 45° 34' 29" E	419.36'	695-1	S 33° 24' 27" E	59.38'	695-C	S 28° 23' 28" E	1275.30'	696-3	S 39° 50' 28" E	1077.19'	698	S 38° 41' 12" E	1460.53'
692-10	S 39° 42' 53" E	175.96'	694	S 57° 36' 56" E	59.44'	694-8	S 58° 07' 56" E	779.91'	695-2	S 28° 22' 30" E	527.84'	695-C1	S 40° 38' 26" E	180.10'	696-4	S 27° 18' 29" E	416.95'	699		
692-11	S 27° 10' 37" E	176.40'	694-1	S 70° 38' 41" E	420.30'	694-9	S 45° 36' 30" E	419.92'	695-3	S 40° 53' 37" E	180.07'	695-C2	S 28° 11' 39" E	121.33'	696-5	S 39° 48' 31" E	950.02'			
692-12	S 39° 42' 04" E	843.01'	694-2	S 58° 07' 57" E	485.49'	694-10	S 58° 05' 58" E	838.10'	695-4	S 28° 24' 21" E	172.73'	695-C3	S 15° 57' 04" E	180.13'	696-6	S 27° 08' 22" E	177.26'			
PI 693	S 51° 31' 14" E	2967.92'	694-3	S 45° 37' 17" E	420.12'	694-11	S 70° 36' 08" E	419.97'	695-5	S 15° 54' 16" E	179.86'	695-C4	S 28° 25' 08" E	361.58'	696-7	S 39° 51' 26" E	176.98'			

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



FROM
PT. BANK RM
895-A
PT. BANK
895-B
895-C

TO
895-A
895-B
895-C
895-D
895-E
895-F
895-G
895-H
895-I
895-J
895-K
895-L
895-M
895-N
895-O
895-P
895-Q
895-R
895-S
895-T
895-U
895-V
895-W
895-X
895-Y
895-Z

RECORDED - FILED
DATE 1-1-81 REC. DIST. P.M.
INDEXED BY R.J. Duda
Requested by R.J. Duda

RECORDED - FILED
DATE 1-1-81 REC. DIST. P.M.
INDEXED BY R.J. Duda
Requested by R.J. Duda

RECORDED - FILED
DATE 1-1-81 REC. DIST. P.M.
INDEXED BY R.J. Duda
Requested by R.J. Duda

81-1
Chitina
1-12-81
10:20 A
AS/DGR
Chitina Pipeline Survey
March 1981

81-1
Valley
1-12-81
10:10 A
AS/DGR
Chitina Pipeline Survey
March 1981

AL-00-GIOI SHEET 78 OF 143

ER-

ALYESKA PIPELINE SERVICE CO., AGENT	Approval Recommended <i>M. J. Smith</i>
TRANS ALASKA PIPELINE SYSTEM	Approval <i>J. C. Harlan</i>
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE	

Date of Survey: Beginning Feb, 1977 Ending Oct, 1980 Name of Surveyor: OCEAN TECHNOLOGY LTD DBA F.M. LINDSEY & ASSOC RICHARD C. DAVIS Lic. No. 1637-S

Drawn by: R.H.M. Approved: R.C.D. Scale: 1" = 1000'

Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.3N., R.2 & IW., & T.2 N., R.1 W., F.M., ALASKA

UNITED STATES DEPARTMENT OF THE INTERIOR STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA

Approval Recommended *R. J. Duda* Name: *R. J. Duda* Title: Chief, Division of Cadastral Survey Bureau of Land Management

Approval Recommended *Richard C. Davis* Name: *Richard C. Davis* Title: Chief Cadastral Surveyor

Approved Name: *Richard C. Davis* Title: Authorized Officer

Approved Name: *Richard C. Davis* Title: Authorized Officer

File No. 102-8

POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD
698	S 38° 41' 12" E - 1460.55'	700-1	S 78° 07' 14" E - 59.46'	701-2	S 64° 46' 27" E - 716.55'	PI 705	308.24' 129.25' 238.38'	713											
699	S 49° 53' 56" E - 326.08'	700-2	S 85° 23' 50" E - 579.99'	701-3	S 77° 22' 42" E - 179.46'	PI 706	336.21' 68.96' 135.11'												
699-1	S 61° 59' 40" E - 173.74'	700-3	S 72° 42' 23" E - 420.40'	701-4	S 64° 57' 29" E - 60.68'	PI 707	290.32' 97.71' 185.20'												
699-2	S 49° 39' 16" E - 124.21'	700-4	S 85° 18' 59" E - 699.73'	701-5	S 52° 14' 51" E - 179.69'	PI 708	317.64' 138.80' 254.36'												
699-3	S 36° 43' 11" E - 175.48'	700-5	N 82° 10' 04" E - 419.01'	701-6	S 64° 48' 10" E - 3028.60'	PI 709	289.72' 132.83' 241.49'												
699-4	S 49° 29' 20" E - 357.92'	700-6	S 85° 18' 04" E - 954.16'	PI 702	S 321.67' 88.68' 170.98'	PI 710	S 24° 27' 28" E - 1230.89'												
699-5	S 56° 12' 55" E - 58.90'	700-7	S 80° 08' 56" E - 60.06'	703	S 27° 26' 54" E - 1288.31'		304.37' 66.59' 130.10'												
699-6	S 68° 03' 16" E - 59.57'	701-1	S 70° 33' 44" E - 59.35'	PI 704	S 292.71' 85.03' 163.30'	PI 712	S 12° 39' 18" E - 4573.65'												
							S 276.24' 89.05' 169.51'												
							S 23° 04' 51" W - 3711.43'												

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



81-1
 Chitima 80.15
 1-12 81
 10:20 A
 R/D/DA
 Alaska Department of Natural Resources
 Anchorage 99504

81-1
 Valdez 80.15
 1-12 81
 10:10 A
 R/D/DA
 Alaska Department of Natural Resources
 Anchorage 99504

RECORDED - FILED
 DATE 1-1-81
 TIME 1:11 P.M.
 Requested by AJUDA
 Address

RECORDED - FILED
 DATE 1-1-81
 TIME 1:11 P.M.
 Requested by AJUDA
 Address

Date of Survey	Beginning Feb, 1977	Ending Oct, 1980	Name of Surveyor: OCEAN TECHNOLOGY LTD. DBA F.M. LINDSEY & ASSOC
Drawn by	R.H.M.	Approved	R.C.D.
Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.2 N., R.1 W., F.M., ALASKA			
UNITED STATES DEPARTMENT OF THE INTERIOR		STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA	
Approval Recommended	Name	Approval Recommended	Name
Name	Chief, Division of Cadastral Survey	Name	Chief Cadastral Surveyor
Title	Chief, Division of Cadastral Survey	Title	Chief Cadastral Surveyor
Approved	Name	Approved	Name
Name	Authorized Officer	Name	Authorized Officer
Title	Authorized Officer	Title	Authorized Officer
File No.	102-8	File No.	102-8

AL-00-GIOI SHEET 79 OF 143 ER-

ALYESKA PIPELINE SERVICE CO., AGENT
 TRANS ALASKA PIPELINE SYSTEM
 PRUDHOE BAY TO VALDEZ
 48" OIL PIPELINE

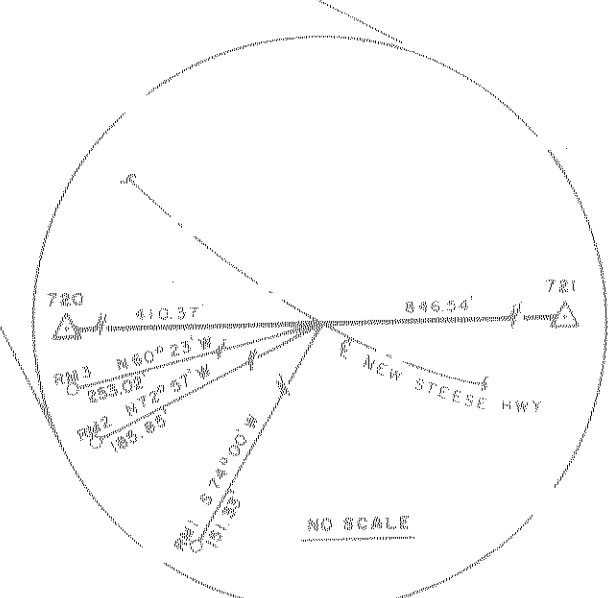
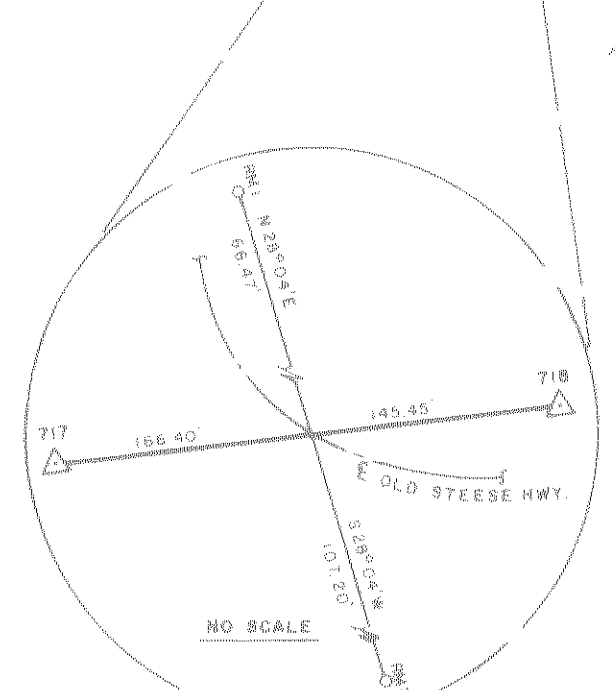
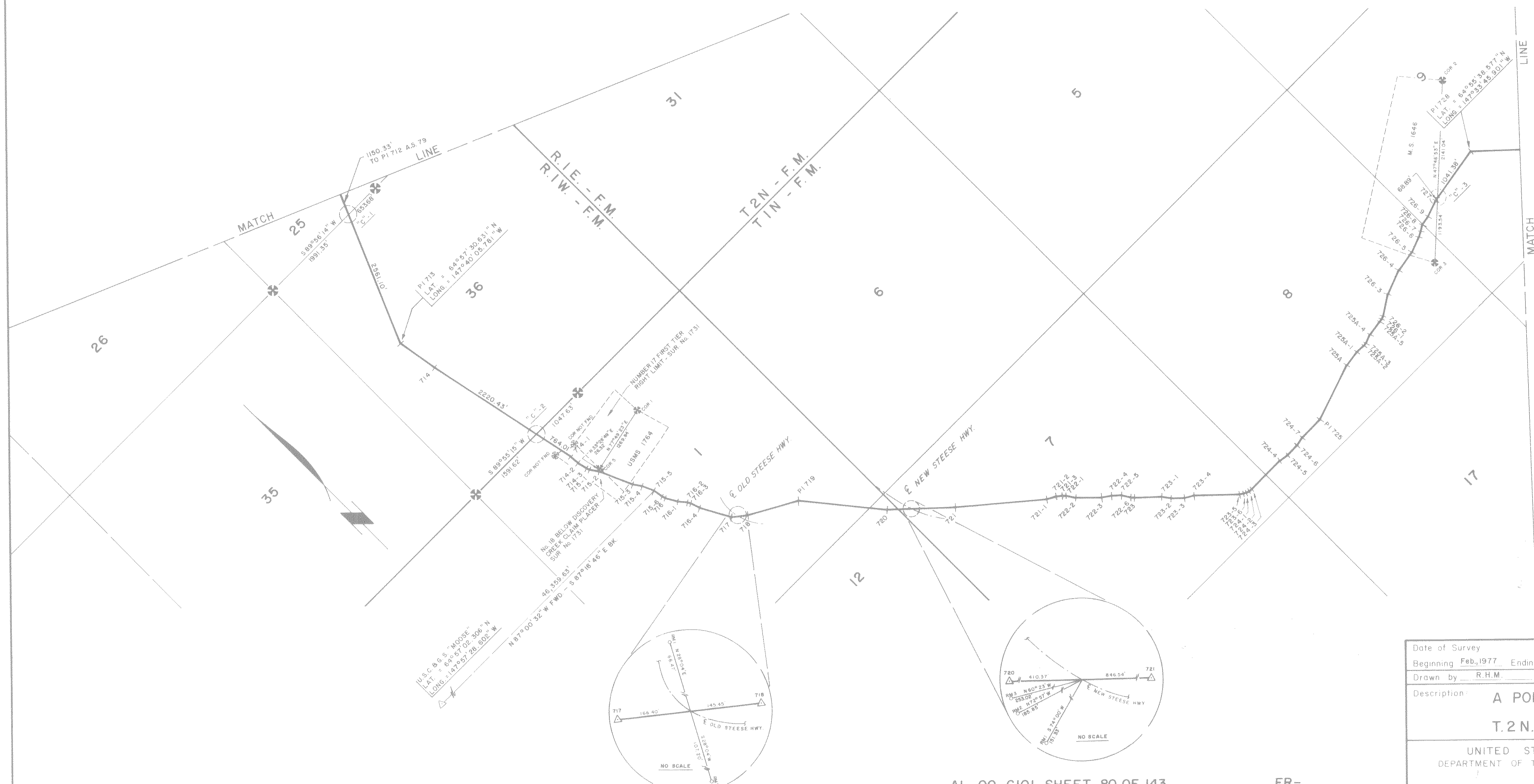
Approval Recommended *[Signature]*
 Title *[Signature]*
 Approval *[Signature]*

No.	DATE	REVISION	BY	CHKD	APP

POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD		
712	S 23°04'51"W - 3711.43'	715-3	S 35°35'00"E - 180.02'	716-4	S 28°56'38"E - 610.81'	721-3	S 45°26'59"E - 59.84'	723-1	S 34°03'08"E - 181.07'	724-3	N 89°36'34"E - 732.83'	725A-2	N 82°29'34"E - 56.03'	726-5	N 69°46'05"E - 294.69'						
PI 713	220.40' 65.40' 125.40' S 09°58'49"E - 757.77'	715-4	S 23°03'12"E - 236.81'	717	S 51°22'58"E - 311.85'	722-1	S 32°50'12"E - 180.07'	723-2	S 46°30'55"E - 245.41'	724-4	S 77°53'25"E - 180.00'	725A-3	N 69°52'59"E - 179.61'	726-6	N 57°14'02"E - 180.00'						
714	S 12°06'09"E - 2984.44'	715-5	S 10°47'17"E - 180.31'	718	S 61°14'47"E - 957.50'	722-2	S 45°21'11"E - 482.50'	723-3	S 58°59'22"E - 180.00'	724-5	N 89°36'02"E - 248.33'	725A-4	N 82°22'15"E - 289.43'	726-7	N 69°47'48"E - 59.87'						
714-1	S 00°16'33"W - 180.01'	715-6	S 22°34'42"E - 59.65'	PI 719	S 69°17' 72.23' 141.77' S 39°05'59"E - 1635.13'	722-3	S 57°50'41"E - 180.05'	723-4	S 46°28'12"E - 840.12'	724-6	N 77°34'19"E - 180.18'	725A-5	N 76°00'50"E - 59.78'	726-8	N 82°12'11"E - 179.83'						
714-2	S 12°25'27"E - 181.43'	716	S 28°52'16"E - 239.55'	720	S 47°09'38"E - 1256.92'	722-4	S 45°20'13"E - 182.28'	723-5	S 52°25'58"E - 59.92'	724-7	N 89°36'02"E - 464.31'	726-1	N 69°40'17"E - 60.44'	726-9	N 69°43'44"E - 321.34'						
714-3	S 23°08'00"E - 60.37'	716-1	S 41°12'56"E - 179.81'	721	S 50°13'40"E - 1683.97'	722-5	S 32°51'26"E - 180.21'	723-6	S 62°48'27"E - 60.19'	PI 725	548.74' 87.93' 173.64' N 71°23'52"E - 1112.23'	726-2	N 57°15'35"E - 419.96'	727	N 80°28'50"E - 1110.27' 273.73' 135.50' 242.86' S 46°50'23"E - 2630.28'						
715-1	S 35°33'39"E - 180.03'	716-2	S 29°03'37"E - 59.55'	721-1	S 62°44'55"E - 179.88'	722-6	S 45°22'38"E - 59.87'	724-1	S 74°36'07"E - 60.18'	725A	N 82°37'05"E - 299.20'	726-3	N 69°43'49"E - 474.65'	PI 726							
715-2	S 23°11'29"E - 652.70'	716-3	S 16°09'42"E - 180.10'	721-2	S 50°14'17"E - 118.44'	723	S 46°32'02"E - 495.10'	724-2	S 84°26'29"E - 59.69'	725A-1	S 84°54'08"E - 177.02'	726-4	N 82°12'43"E - 420.01'	729							

PI = POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



81-1
RECORDED - FILED
DATE: 1-1-81
BY: [Signature]
Address: [Address]

81-1
RECORDED - FILED
DATE: 1-1-81
BY: [Signature]
Address: [Address]

81-1
RECORDED - FILED
DATE: 1-1-81
BY: [Signature]
Address: [Address]

81-1
RECORDED - FILED
DATE: 1-1-81
BY: [Signature]
Address: [Address]

81-1
Chitina
1-12 81
10:20 A
81-1
Valdez
1-12 81
10:10 A

Date of Survey	Beginning Feb, 1977	Ending Oct, 1980	Name of Surveyor	OCEAN TECHNOLOGY LTD. dba F.M. LINDSEY & ASSOC.
Drawn by	R.H.M.	Approved	R.C.D.	Scale 1" = 1000'
Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.2N., R.I.W., & T.1N., R.I.W. & I.E., F.M., ALASKA				
UNITED STATES DEPARTMENT OF THE INTERIOR		STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA		
Approval Recommended	Name	Approval Recommended	Name	
Approved	Name	Approved	Name	
File No.		File No.	102-8	

AL-00-GIOI SHEET 80 OF 143 ER-				
ALYESKA PIPELINE SERVICE CO., AGENT				
TRANS ALASKA PIPELINE SYSTEM				
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE				
Approval Recommended	[Signature]			
Approval	[Signature]			

POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD
72B	S46°50'23"E - 2630.28'	PI 736	S06°52'43"E - 1078.29'	743-1	S12°33'15"E - 179.57'	744-3	S45°59'20"E - 785.30'	745-1	S24°47'56"E - 420.34'	745-9	S24°48'17"E - 419.92'	747							
PI 729	S23°08'03"E - 574.20'	737	S00°10'20"E - 54.37'	743-2	S00°10'20"E - 54.37'	744-4	S33°18'50"E - 418.21'	745-2	S37°18'48"E - 1067.77'	745-10	S37°22'14"E - 60.02'								
PI 730	S34°36'58"E - 1705.24'	PI 738	S01°14'19"E - 1088.28'	743-3	S12°28'51"W - 179.83'	744-5	S45°57'02"E - 974.66'	745-3	S24°45'01"E - 419.70'	745-11	S44°15'21"E - 59.99'								
PI 731	S27°55'03"E - 2490.01'	PI 739	S36°53'32"E - 593.51'	743-4	S00°05'52"E - 526.17'	744-6	S58°25'45"E - 419.96'	745-4	S37°19'09"E - 1379.70'	746-1	S51°25'22"E - 181.51'								
732	S27°55'03"E - 2490.01'	PI 740	S56°58'19"E - 1584.79'	743-5	S06°14'40"E - 58.76'	744-7	S45°57'06"E - 1017.60'	745-5	S49°47'21"E - 420.20'	746-2	S63°33'05"E - 179.93'								
PI 733	S08°56'16"E - 1612.69'	741	S48°51'07"E - 994.83'	743-6	S17°15'42"E - 58.81'	744-8	S58°24'50"E - 421.96'	745-6	S37°19'03"E - 899.86'	746-3	S51°11'44"E - 184.63'								
734	S09°04'09"W - 1132.00'	PI 742	S00°20'59"E - 1016.36'	744-1	S28°43'19"E - 58.76'	744-9	S45°48'10"E - 59.76'	745-7	S49°45'43"E - 420.30'	746-4	S38°43'40"E - 180.37'								
PI 735	S23°54'55"E - 580.58'	743	S00°00'45"W - 863.01'	744-2	S39°51'32"E - 58.99'	744-10	S37°19'20"E - 587.95'	745-8	S37°18'55"E - 359.62'	746-5	S51°14'44"E - 5209.81'								

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



Date of Survey	Beginning Feb, 1977	Ending Oct, 1980	Name of Surveyor: OCEAN TECHNOLOGY LTD. DBA F.M. LINDSEY & ASSOC.
Drawn by R.H.M.	Approved R.C.D.	Scale 1" = 1000'	RICHARD C. DAVIS Lic. No. 1637-S
Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.I.N., R.I.E., & T.I.S., R.I.E., F.M., ALASKA			
UNITED STATES DEPARTMENT OF THE INTERIOR		STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA	
Approval Recommended	Name <i>[Signature]</i>	Approval Recommended	Name <i>[Signature]</i> 11/14/80
Title Chief, Division of Cadastral Survey	Bureau of Land Management	Title Chief Cadastral Surveyor	
Approved	Name <i>[Signature]</i>	Approved	Name <i>[Signature]</i>
Title <i>[Signature]</i>	Authorized Officer	Title Authorized Officer	
File No		File No	102-8

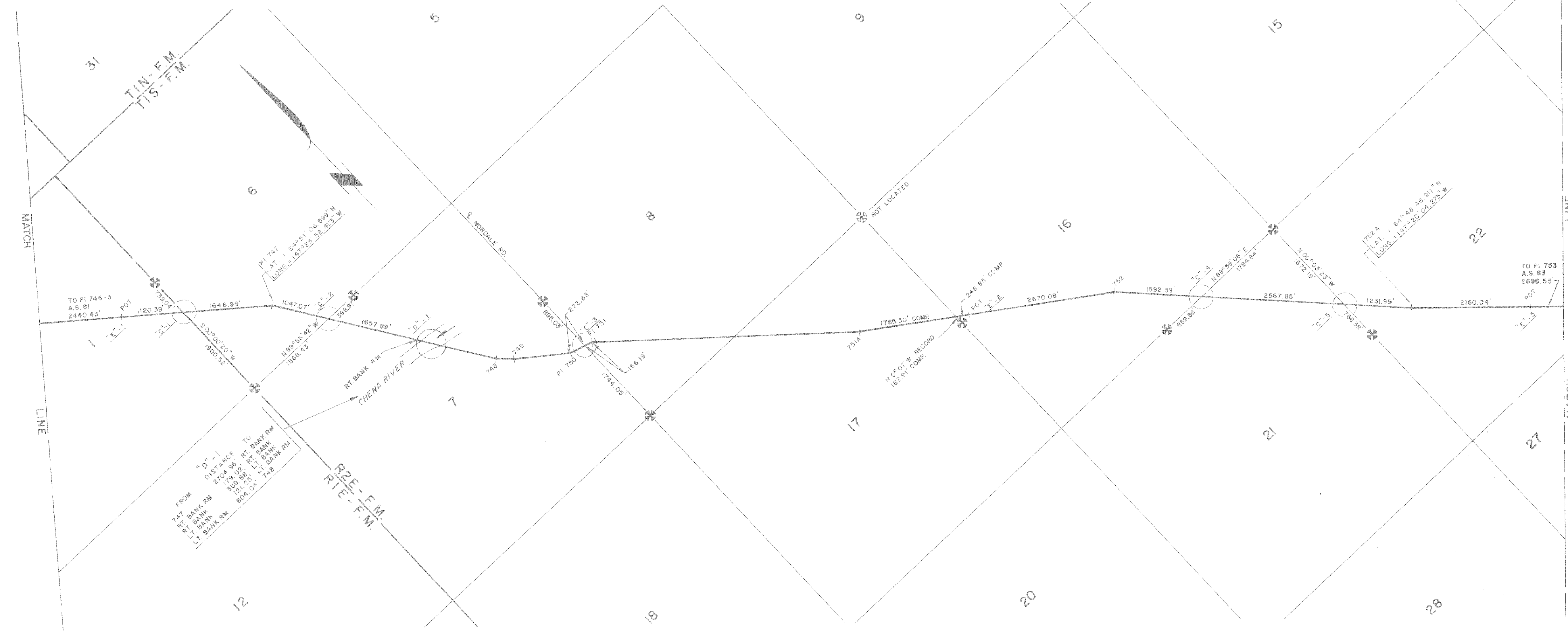
AL-00-GIOI SHEET 81 OF 143 ER-

ALYESKA PIPELINE SERVICE CO., AGENT			
TRANS ALASKA PIPELINE SYSTEM			
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE			
Approval Recommended	Name <i>[Signature]</i>	Approval	Name <i>[Signature]</i>
Title <i>[Signature]</i>	Authorized Officer	Title <i>[Signature]</i>	Authorized Officer
Approval	Name <i>[Signature]</i>	Approval	Name <i>[Signature]</i>
Title <i>[Signature]</i>	Authorized Officer	Title <i>[Signature]</i>	Authorized Officer
File No		File No	

POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD
746-5	S 51°14'44"E - 5209.81'	752 A	S 47°15'28"E - 4856.57'																
PI 747	S 29° 67' 81.28" E - 160.67' S 33° 46' 42" E - 4198.95'	753																	
748	S 44° 39' 20" E - 314.32'																		
749	S 52° 48' 58" E - 1018.43'																		
PI 750	S 48° 56' 86.99" E - 171.27' S 73° 02' 44" E - 429.02'																		
PI 751	S 26° 61' 56.50" E - 110.56' S 49° 11' 21" E - 4866.96'																		
751 A	S 55° 38' 01" E - 4682.43'																		
752	S 43° 39' 58" E - 5412.23'																		

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



81-1
RECORDED - FILED
DATE: 1-1-81
TIME: 1:15 P.M.
Recorded by: A. J. DANK
Address: Anchorage, Alaska

81-1
RECORDED - FILED
DATE: 1-1-81
TIME: 1:15 P.M.
Recorded by: A. J. DANK
Address: Anchorage, Alaska

81-1
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DATE: 1-1-81
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81-1
RECORDED - FILED
DATE: 1-1-81
TIME: 1:15 P.M.
Recorded by: A. J. DANK
Address: Anchorage, Alaska

81-1
Chitima 801.15
1-12 81
10:20 A
A. J. DANK
Alaska Dept. of Natural Resources
Anchorage, AK 99504

81-1
Valley 801.15
1-12 81
10:10 A
A. J. DANK
Alaska Dept. of Natural Resources
Anchorage, AK 99504

Date of Survey: Beginning Feb, 1977 Ending Oct., 1980
Name of Surveyor: OCEAN TECHNOLOGY LTD. DBA F.M. LINDSEY & ASSOC. RICHARD C. DAVIS Lic. No. 1637-S
Drawn by: A.D.A. Approved: R.C.D. Scale: 1" = 1000'

Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.I.S., R.I.E., & T.I.S., R.2.E., F.M., ALASKA

UNITED STATES DEPARTMENT OF THE INTERIOR STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA

Approval Recommended Name: [Signature] Title: Chief, Division of Cadastral Survey Bureau of Land Management
Approval Recommended Name: [Signature] Title: Chief Cadastral Surveyor

Approved Name: [Signature] Title: Acting Authorized Officer
Approved Name: [Signature] Title: Authorized Officer

File No. 102-8

ALYESKA PIPELINE SERVICE CO., AGENT
TRANS ALASKA PIPELINE SYSTEM
PRUDHOE BAY TO VALDEZ
48" OIL PIPELINE

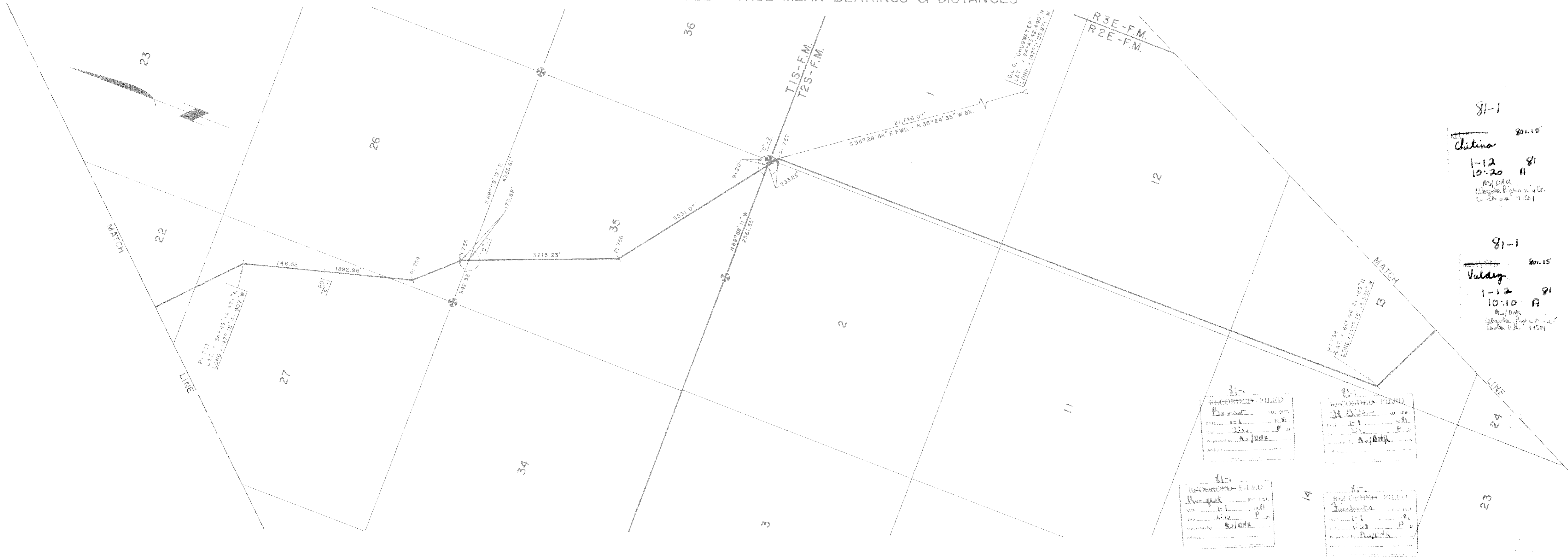
No.	DATE	REVISION	BY	CHKD	APP

Approval: [Signature]

POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE		
	RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD
752A																							
PI 753	228.32'	64.74'	124.56'																				
PI 754	336.16'	81.34'	158.11'																				
PI 755	295.57'	54.60'	107.37'																				
PI 756	289.25'	80.90'	155.81'																				
PI 757	553.05'	03.53'	4064.52'																				
PI 758	258.50'	128.10'	229.56'																				
PI 759	221.80'	139.08'	235.66'																				
759	564.31'	01.15'	6057.95'																				

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



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 1-12 10:20 A
 81
 81-1 801.15
 Valdey 1-12 10:10 A
 81
 81-1 801.15

Date of Survey	Beginning Feb, 1977	Ending Oct, 1980	Name of Surveyor	OCEAN TECHNOLOGY LTD DBA F.M. LINDSEY & ASSOC.
Drawn by	A.D.A.	Approved	R.C.D.	Scale 1" = 1000'
Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.I.S., R.2E., & T.2S., R.2E., F.M., ALASKA				
UNITED STATES DEPARTMENT OF THE INTERIOR		STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA		
Approval Recommended	Name	Title	Approval Recommended	Name
	James J. [Signature]	Chief, Division of Cadastral Survey Bureau of Land Management		[Signature] 11/14/80
Approved	Name	Title	Approved	Name
	[Signature]	Authorized Officer		[Signature]
File No.				File No. 102-8

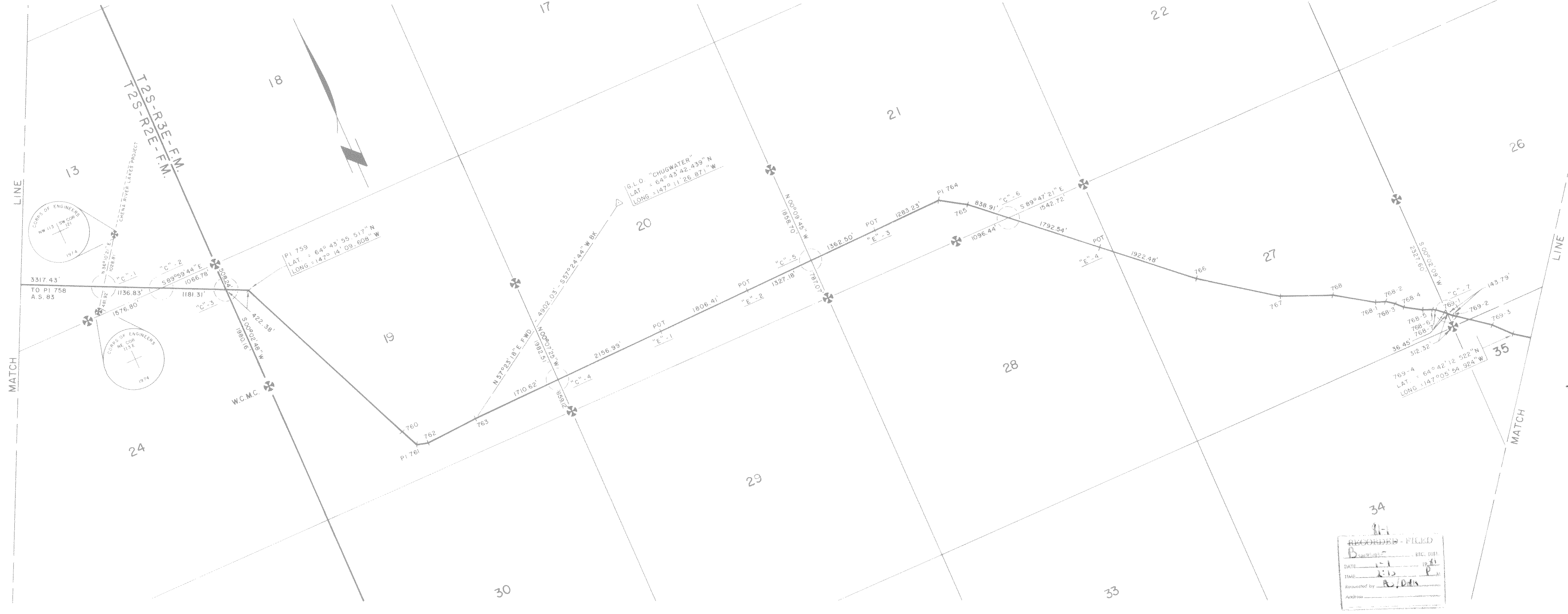
AL-00-G101 SHEET 83 OF 143 ER-

ALYESKA PIPELINE SERVICE CO., AGENT				
TRANS ALASKA PIPELINE SYSTEM				
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE				
Approval Recommended	[Signature]			
Approval	[Signature]			

POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE			
	RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD
758	S 64° 31' 01" E	6057.89		766	S 54° 15' 16" E	1628.88	768-6	S 56° 32' 47" E	59.77														
PI 759	326.07	121.78	226.16	767	S 66° 59' 44" E	986.89	768-7	S 53° 38' 56" E	171.02														
	S 23° 32' 10" E	3946.98		768	S 56° 51' 38" E	825.57	769-1	S 41° 02' 11" E	180.24														
760	S 23° 38' 50" E	367.11		768-1	S 69° 22' 17" E	180.12	769-2	S 53° 33' 27" E	765.04														
PI 761	180.45	81.13	147.99	768-2	S 56° 52' 33" E	185.02	769-3	S 41° 04' 13" E	420.67														
	S 72° 03' 52" E	225.34		768-3	S 44° 20' 28" E	180.15	769-4	S 53° 33' 10" E	1263.42														
762	N 86° 52' 59" E	1002.74		768-4	S 56° 51' 27" E	363.32	769-5																
763	N 88° 40' 04" E	9646.93		768-5	S 69° 23' 52" E	180.14																	
PI 764	322.85	97.15	186.05																				
	S 57° 48' 31" E	559.14																					
765	S 48° 11' 32" E	4553.93																					

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



81-1
 801.15
 Christina
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 1-12 81
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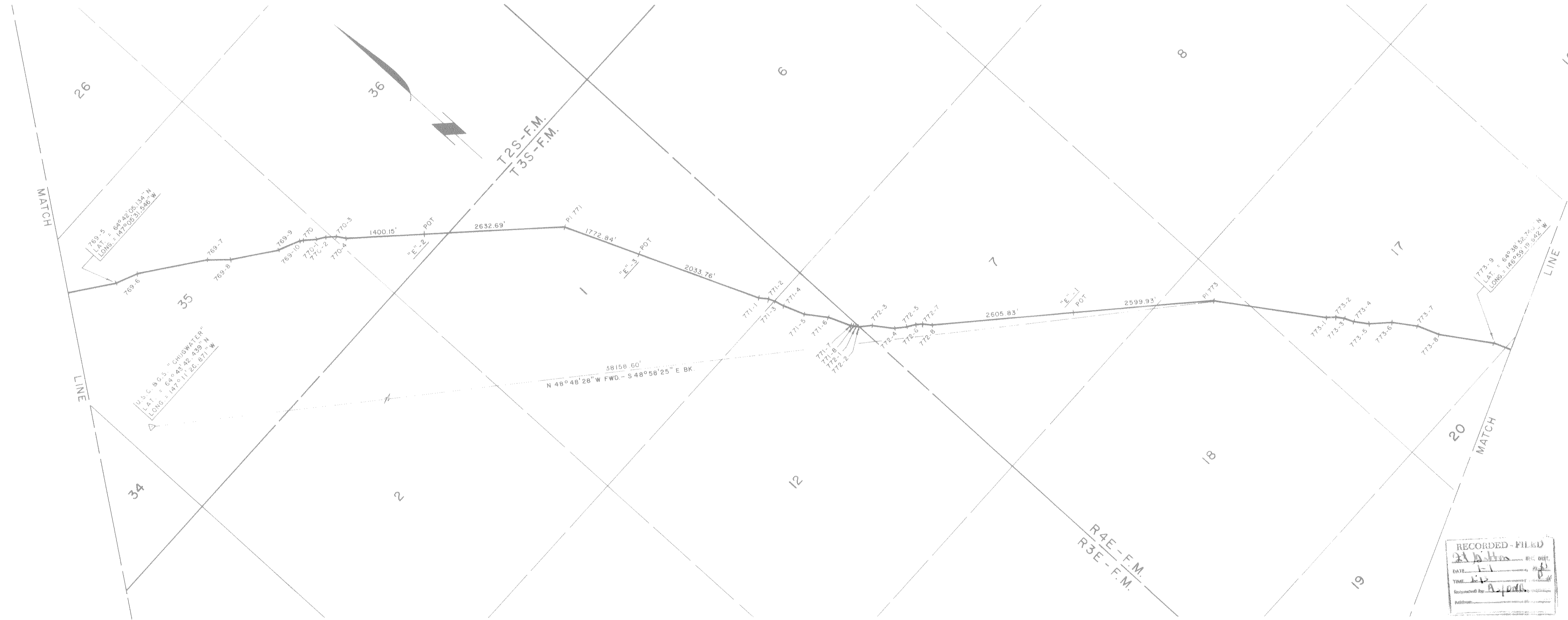
Date of Survey	Beginning Feb. 1977	Ending Oct., 1980	Name of Surveyor	OCEAN TECHNOLOGY LTD. PRA F.M. LINDSEY B. ASSOC.	RICHARD C. DAVIS	Lic. No.	1637-S
Drawn by	A.D.A.	Approved	R.C.D.	Scale	1" = 1000'		
Description	A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.2 S., R.2 E., & T.2 S., R.3 E., F.M., ALASKA						
UNITED STATES DEPARTMENT OF THE INTERIOR	Approval Recommended			STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA			
Name	Name			Name			
Title	Title			Title			
Approved	Approved			Approved			
Name	Name			Name			
Title	Title			Title			
File No.	File No.			File No.			

AL-00-GIOI SHEET 84 OF 143				ER-			
ALYESKA PIPELINE SERVICE CO., AGENT							
TRANS ALASKA PIPELINE SYSTEM							
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE							
Approval Recommended <i>[Signature]</i>							
Approval <i>[Signature]</i>							
No.	DATE	REVISION	BY	CHKD	APP		

POINT I.D.	BEARING & DISTANCE	POINT I.D.	BEARING & DISTANCE	POINT I.D.	BEARING & DISTANCE	POINT I.D.	BEARING & DISTANCE	POINT I.D.	BEARING & DISTANCE	POINT I.D.	BEARING & DISTANCE	POINT I.D.	BEARING & DISTANCE	POINT I.D.	BEARING & DISTANCE	POINT I.D.	BEARING & DISTANCE
	RADIUS TANGENT L. CHORD		RADIUS TANGENT L. CHORD		RADIUS TANGENT L. CHORD		RADIUS TANGENT L. CHORD		RADIUS TANGENT L. CHORD		RADIUS TANGENT L. CHORD		RADIUS TANGENT L. CHORD		RADIUS TANGENT L. CHORD		RADIUS TANGENT L. CHORD
769-4	S 53° 33' 10" E - 1263.42'	770-1	S 57° 34' 03" E - 180.16'	771-4	S 22° 08' 17" E - 422.60'	772-4	S 47° 05' 05" E - 219.82'	773-3	S 20° 58' 28" E - 179.96'								
769-5	S 66° 00' 22" E - 420.27'	770-2	S 45° 07' 55" E - 192.81'	771-5	S 34° 36' 05" E - 420.08'	772-5	S 89° 43' 13" E - 179.35'	773-4	S 33° 34' 35" E - 287.16'								
769-6	S 53° 32' 07" E - 1323.98'	770-3	S 32° 35' 37" E - 180.25'	771-6	S 22° 11' 33" E - 456.00'	772-6	S 46° 59' 51" E - 120.68'	773-5	S 45° 57' 54" E - 419.89'								
769-7	S 41° 04' 47" E - 420.04'	770-4	S 45° 05' 18" E - 4032.84'	771-7	S 26° 16' 09" E - 47.59'	772-7	S 34° 34' 56" E - 180.12'	773-6	S 33° 30' 54" E - 475.87'								
769-8	S 53° 32' 21" E - 903.68'	PI 771	421.66' 85.60' 167.76'	771-8	S 22° 07' 34" E - 3806.60'	772-8	S 47° 04' 33" E - 5205.76'	773-7	S 21° 00' 45" E - 420.17'								
769-9	S 66° 03' 05" E - 419.74'	771-1	S 34° 34' 33" E - 180.16'	772-1	S 42° 40' 40" E - 47.62'	PI 773	683.07' 81.12' 161.10'	773-8	S 33° 29' 39" E - 1019.46'								
769-10	S 53° 22' 11" E - 60.35'	771-2	S 22° 05' 47" E - 129.37'	772-2	S 47° 01' 57" E - 294.83'	773-1	S 45° 58' 06" E - 180.05'	773-9	S 21° 10' 02" E - 425.01'								
770	S 45° 06' 00" E - 244.04'	771-3	S 09° 34' 25" E - 180.17'	772-3	S 34° 36' 43" E - 420.14'	773-2	S 33° 32' 13" E - 159.30'	773-10									

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



RECORDED - FILED
DATE: 1-11-81
TIME: 1:12 P.M.
Recorded by: A.J. Davis

RECORDED - FILED
DATE: 1-11-81
TIME: 1:12 P.M.
Recorded by: A.J. Davis

RECORDED - FILED
DATE: 1-11-81
TIME: 1:12 P.M.
Recorded by: A.J. Davis

81-1
Chitina 80.15
1-12 81
10:20 A
A.J. Davis
Wagoner Pipe Survey
Wagoner, Alaska 9/2/81

81-1
Valdez 80.15
1-12 81
10:10 A
A.J. Davis
Wagoner Pipe Survey
Wagoner, Alaska 9/2/81

RECORDED - FILED
DATE: 1-11-81
TIME: 1:12 P.M.
Recorded by: A.J. Davis

Date of Survey	Beginning Feb, 1977	Ending Oct, 1980	Name of Surveyor	OCEAN TECHNOLOGY LTD. dba F.M. LINDSEY & ASSOC.	Richard C. Davis	Lic. No.	1637-S
Drawn by	A.D.A.	Approved	R.C.D.	Scale	1" = 1000'		
Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.2S., R.3E., & T.3S., R.3&4E., F.M., ALASKA							
UNITED STATES DEPARTMENT OF THE INTERIOR				STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA			
Approval Recommended				Approval Recommended			
Name: Chief, Division of Cadastral Survey Bureau of Land Management				Name: Chief Cadastral Surveyor			
Approved				Approved			
Name: Authorized Officer				Name: Authorized Officer			
File No.				File No. 102-8			

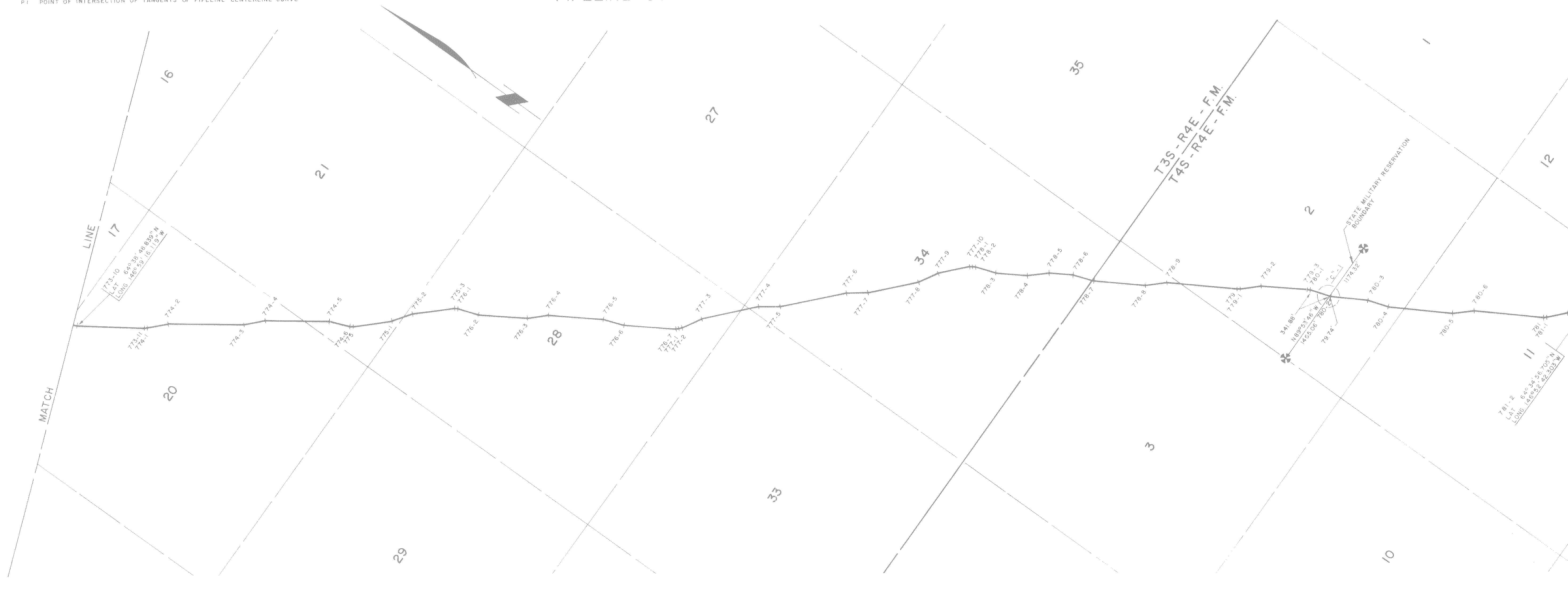
AL-00-G101 SHEET 85 OF 143 ER-

ALYESKA PIPELINE SERVICE CO., AGENT			
TRANS ALASKA PIPELINE SYSTEM			
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE			
Approval Recommended			
Name: J.C. Hoyle			
Approval			
Name: J.C. Hoyle			

POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD
773-9	S 21° 10' 02" E - 425.01'	774-6	S 34° 39' 54" E - 59.70'	776-4	S 31° 36' 52" E - 1078.33'	777-5	S 47° 33' 46" E - 1326.35'	778-3	S 30° 42' 26" E - 624.72'	779-1	S 43° 13' 28" E - 418.84'	780-6	S 29° 53' 12" E - 1373.57'						
773-10	S 33° 29' 41" E - 1315.02'	775	S 43° 11' 52" E - 772.23'	776-5	S 19° 08' 55" E - 420.26'	777-6	S 35° 08' 30" E - 420.77'	778-4	S 43° 14' 12" E - 420.36'	779-2	S 31° 12' 49" E - 900.83'	781	S 35° 35' 36" E - 60.41'						
773-11	S 34° 46' 27" E - 60.31'	775-1	S 55° 41' 40" E - 419.93'	776-6	S 31° 37' 13" E - 1018.39'	777-7	S 47° 32' 25" E - 1017.74'	778-5	S 30° 36' 37" E - 479.67'	779-3	S 29° 56' 51" E - 59.85'	781-1	S 48° 04' 49" E - 420.18'						
774-1	S 47° 12' 58" E - 420.15'	775-2	S 43° 11' 43" E - 832.19'	776-7	S 39° 29' 59" E - 60.71'	777-8	S 60° 01' 38" E - 419.58'	778-6	S 18° 21' 39" E - 419.41'	780-1	S 17° 25' 39" E - 421.62'	781-2	S 35° 35' 24" E - 1306.42'						
774-2	S 34° 42' 41" E - 1488.22'	775-3	S 31° 27' 36" E - 59.97'	777-1	S 47° 08' 24" E - 59.84'	777-9	S 47° 34' 32" E - 629.79'	778-7	S 30° 44' 25" E - 1017.67'	780-2	S 29° 52' 52" E - 725.34'	781-3							
774-3	S 47° 12' 09" E - 419.68'	776-1	S 19° 00' 59" E - 420.13'	777-2	S 60° 05' 38" E - 420.10'	777-10	S 38° 39' 52" E - 54.27'	778-8	S 43° 13' 13" E - 420.22'	780-3	S 17° 23' 35" E - 420.08'								
774-4	S 34° 42' 36" E - 1253.02'	776-2	S 31° 37' 37" E - 958.41'	777-3	S 47° 34' 21" E - 1147.75'	778-1	S 31° 07' 31" E - 54.91'	778-9	S 30° 43' 49" E - 1377.99'	780-4	S 29° 55' 01" E - 1266.56'								
774-5	S 22° 13' 32" E - 420.67'	776-3	S 44° 05' 31" E - 420.28'	777-4	S 35° 03' 32" E - 419.88'	778-2	S 18° 17' 27" E - 419.91'	779	S 31° 08' 49" E - 60.08'	780-5	S 42° 22' 37" E - 419.02'								

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES

P1 POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE



81-1
RECORDED - FILED
DATE: 1-11-80
TIME: 2:17 P.M.
Requested by: R. J. Park
Address:

81-1
RECORDED - FILED
DATE: 1-11-80
TIME: 2:17 P.M.
Requested by: R. J. Park
Address:

81-1
St. Andrew
DATE: 1-11-80
TIME: 2:17 P.M.
Requested by: R. J. Park
Address:

81-1
Chitina
1-12-80
10:20 A
A. J. Park
Requested by: R. J. Park
Address:

81-1
Valdez
1-12-80
10:10 A
A. J. Park
Requested by: R. J. Park
Address:

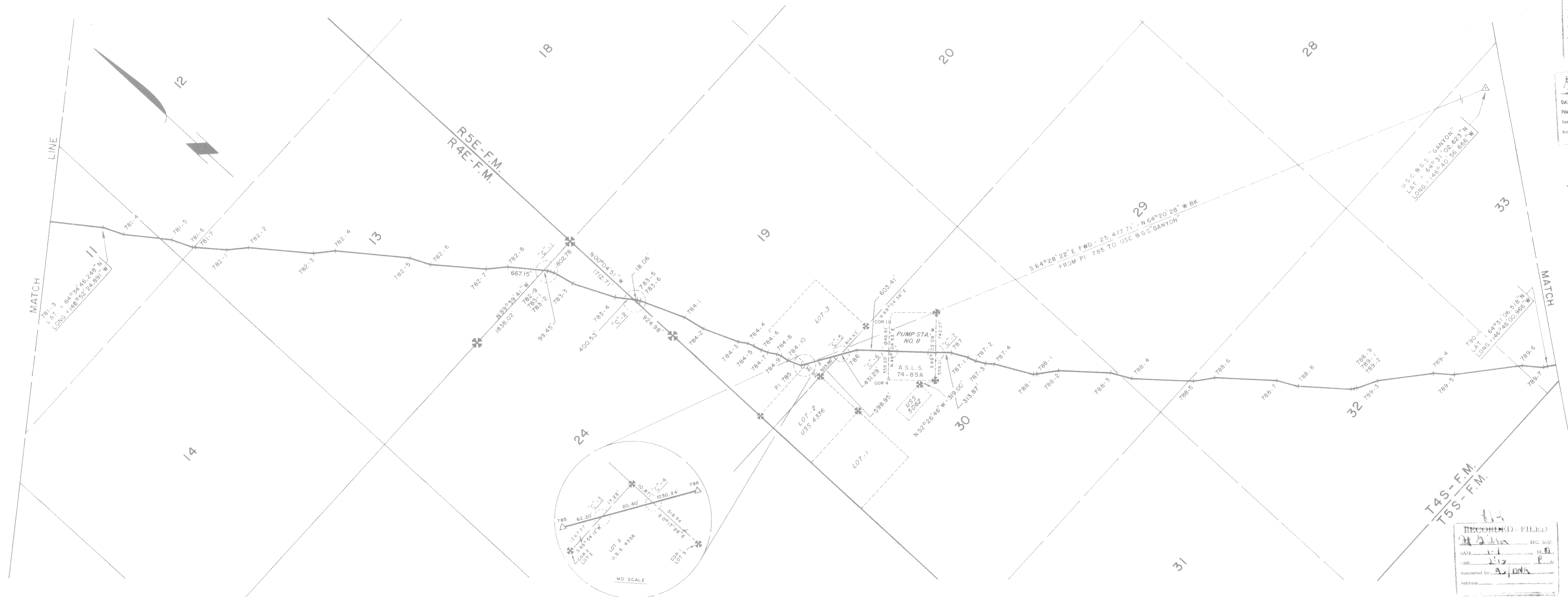
Date of Survey	Beginning Feb, 1977	Ending Oct, 1980	Name of Surveyor	OCEAN TECHNOLOGY LTD. 98A FM. LINDSEY & ASSOC	RICHARD C. DAVIS	Lic. No. 1637-S
Drawn by	RHM	Approved	R.C.D.	Scale	1" = 1000'	
Description A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.3S., R.4E. & T.4S., R.4E., F.M., ALASKA						
UNITED STATES DEPARTMENT OF THE INTERIOR			STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA			
Approval Recommended Name: _____ Title: Chief, Division of Cadastral Survey, Bureau of Land Management			Approval Recommended Name: <i>Richard C. Davis</i> Title: Chief Cadastral Surveyor			
Approved Name: _____ Title: _____ Authorized Officer			Approved Name: <i>Richard C. Davis</i> Title: Authorized Officer			
Approval Recommended <i>H. Smith</i>			Approval <i>G.C. Hark</i>			
No.	DATE	REVISION	BY	CHKD	APP	File No. 102-9

AL-00-GIOI SHEET 86 OF 143 ER-

ALYESKA PIPELINE SERVICE CO., AGENT
TRANS ALASKA PIPELINE SYSTEM
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE
Approval Recommended <i>H. Smith</i>
Approval <i>G.C. Hark</i>

POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE							
RADIUS TANGENT L CHORD			RADIUS TANGENT L CHORD			RADIUS TANGENT L CHORD			RADIUS TANGENT L CHORD			RADIUS TANGENT L CHORD			RADIUS TANGENT L CHORD			RADIUS TANGENT L CHORD			RADIUS TANGENT L CHORD			RADIUS TANGENT L CHORD			RADIUS TANGENT L CHORD			RADIUS TANGENT L CHORD									
781-2	S 35° 35' 24" E	1306.42'	782-3	S 49° 39' 41" E	419.80'	783-2	S 11° 57' 37" E	420.24'	784-4	S 22° 14' 21" E	118.59'	786	S 40° 55' 56" E	1816.34'	788-2	S 39° 48' 40" E	1010.24'	789-1	S 50° 22' 18" E	60.10'	790-2																		
781-3	S 23° 06' 12" E	420.06'	782-4	S 37° 09' 52" E	1438.53'	783-3	S 24° 27' 01" E	878.82'	784-5	S 09° 47' 03" E	179.85'	787	S 27° 47' 59" E	316.65'	788-3	S 27° 19' 33" E	420.16'	789-2	S 62° 43' 47" E	419.86'																			
781-4	S 35° 34' 15" E	945.45'	782-5	S 24° 39' 22" E	419.32'	783-4	S 36° 59' 22" E	418.59'	784-6	S 22° 13' 56" E	119.72'	787-1	S 15° 06' 27" E	177.95'	788-4	S 39° 49' 02" E	1188.10'	789-3	S 50° 14' 18" E	1072.28'																			
781-5	S 23° 06' 40" E	415.21'	782-6	S 37° 09' 25" E	1079.50'	783-5	S 24° 26' 37" E	59.89'	784-7	S 34° 43' 26" E	179.78'	787-2	S 27° 43' 44" E	182.66'	788-5	S 52° 16' 57" E	420.19'	789-4	S 37° 46' 01" E	419.92'																			
781-6	S 34° 35' 55" E	64.89'	782-7	S 49° 38' 24" E	420.01'	783-6	S 22° 15' 49" E	911.67'	784-8	S 22° 29' 57" E	59.99'	787-3	S 40° 26' 09" E	178.13'	788-6	S 39° 48' 20" E	1199.25'	789-5	S 50° 13' 44" E	1311.32'																			
781-7	S 37° 12' 22" E	596.81'	782-8	S 37° 10' 35" E	766.60'	783-7	S 09° 46' 56" E	420.24'	784-9	S 09° 39' 47" E	180.00'	787-4	S 27° 45' 27" E	787.79'	788-7	S 27° 19' 21" E	420.21'	789-6	S 37° 44' 30" E	419.93'																			
782-1	S 49° 34' 29" E	420.96'	783-8	S 30° 35' 11" E	57.93'	784-10	S 22° 15' 39" E	726.61'	784-10	S 22° 17' 57" E	295.92'	788	S 40° 03' 02" E	60.65'	788-8	S 39° 47' 57" E	1019.80'	789-7	S 50° 13' 02" E	60.06'																			
782-2	S 37° 13' 19" E	1257.20'	783-9	S 24° 24' 08" E	57.83'	784-3	S 34° 44' 22" E	180.06'	PI 785	S 57° 54' 53" E	1112.84'	788-1	S 52° 17' 55" E	420.19'	788-9	S 44° 59' 01" E	59.75'	790-1	S 53° 11' 29" E	1264.62'																			

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



RECORDED - FILED
DATE: 1-1-1980
TIME: 10:10 A
Requested by: A. J. Davis
Address:

RECORDED - FILED
DATE: 1-1-1980
TIME: 10:10 A
Requested by: A. J. Davis
Address:

81-1
Chitina
1-12-80
10:20 A
A. J. Davis
Alaska Dept. of Nat. Resources
Anchorage, Alaska

81-1
Valdez
1-12-80
10:10 A
A. J. Davis
Alaska Dept. of Nat. Resources
Anchorage, Alaska

RECORDED - FILED
DATE: 1-1-1980
TIME: 10:10 A
Requested by: A. J. Davis
Address:

Date of Survey: Beginning Feb., 1977, Ending Oct., 1980
Name of Surveyor: RICHARD C. DAVIS
Drawn by: R. H. M. Approved: R. C. D. Scale: 1" = 1000'
Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.4S., R.4E. & T.4S., R.5E., F.M., ALASKA

UNITED STATES DEPARTMENT OF THE INTERIOR	STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA
Approval Recommended Name: _____ Title: Chief, Division of Cadastral Survey Bureau of Land Management	Approval Recommended Name: <i>Richard C. Davis</i> Title: Chief, Cadastral Surveyor
Approved Name: <i>Richard C. Davis</i> Title: Authorized Officer	Approved Name: <i>Richard C. Davis</i> Title: Authorized Officer
File No. _____	File No. 102-9

AL-00-GIOI SHEET 87 OF 143 ER-

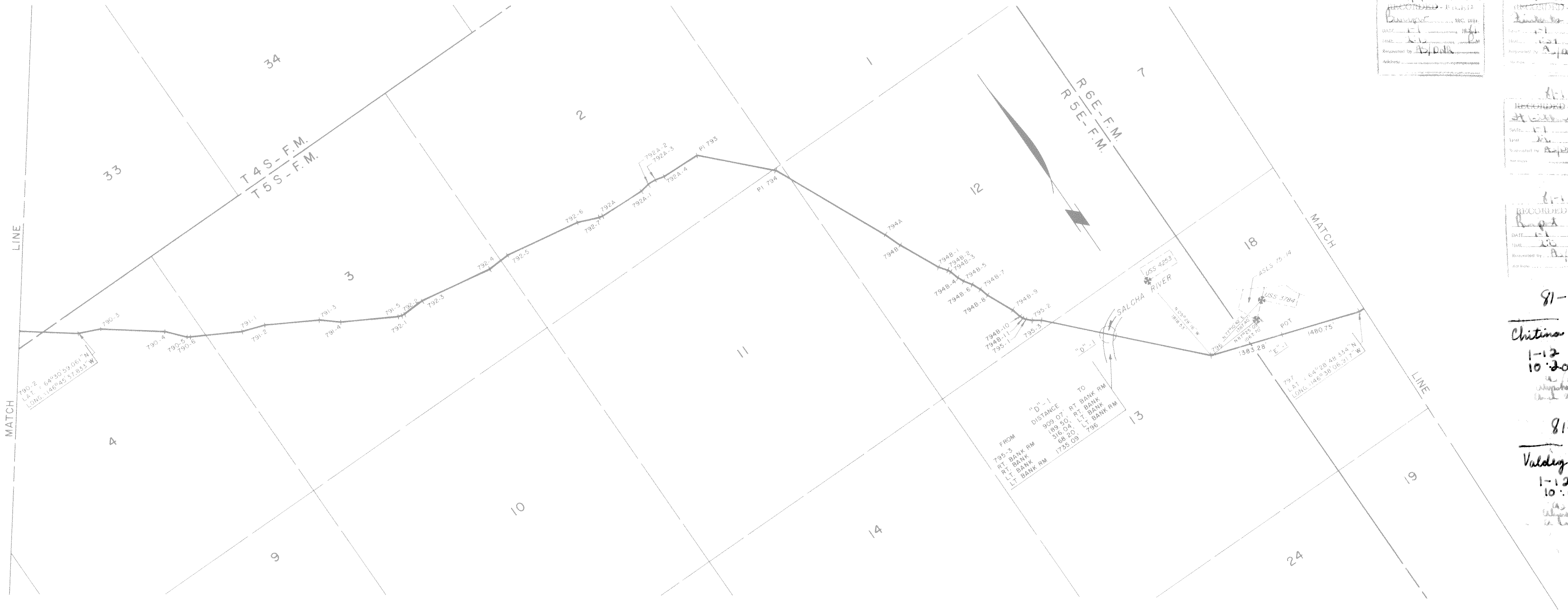
ALYESKA PIPELINE SERVICE CO., AGENT	
TRANS ALASKA PIPELINE SYSTEM	
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE	
Approval Recommended <i>R.C.D.</i>	
Approval <i>J.C. Harle</i>	

DATE	REVISION	BY	CHKD	APP

POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE																					
	RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD						
790-1	S 53°11'29"E	1264.62'	791-3	S 48°01'32"E	419.90'	792-6	S 67°39'04"E	420.04'	794	S 25°17'23"E	178.14'	795-3	S 43°18'18"E	3217.90'																											
790-2	S 65°34'45"E	420.05'	791-4	S 60°29'59"E	1078.76'	792-7	S 80°05'17"E	59.95'	794A	S 20°26'54"E	342.13'	7948-7	S 12°52'22"E	179.46'	796	S 71°35'01"E	2864.03'																								
790-3	S 53°10'41"E	1203.82'	791-5	S 70°16'24"E	60.07'	792A	S 88°01'41"E	856.32'	7948	S 25°19'49"E	821.22'	7948-8	S 25°21'28"E	536.44'	797	S 88°18'00"E	2029.36'																								
790-4	S 40°39'44"E	419.86'	792-1	S 80°15'41"E	60.15'	792A-1	N 79°29'36"E	179.50'	7948-1	S 38°04'33"E	177.07'	7948-9	S 12°43'55"E	178.11'	798																										
790-5	S 53°05'12"E	59.82'	792-2	N 87°19'47"E	419.90'	792A-2	S 88°05'24"E	153.41'	7948-2	S 38°04'33"E	177.07'	7948-10	S 12°43'55"E	178.11'																											
790-6	S 60°31'15"E	962.67'	792-3	S 80°09'14"E	1374.25'	792A-3	S 75°25'15"E	179.59'	7948-3	S 25°02'55"E	59.62'	7948-11	S 25°02'44"E	59.89'																											
791-1	S 72°59'50"E	419.64'	792-4	N 87°21'13"E	419.74'	792A-4	S 88°02'54"E	729.56'	7948-4	S 12°46'45"E	178.66'	795-1	S 34°11'50"E	60.08'																											
791-2	S 60°30'47"E	1022.76'	792-5	S 80°08'35"E	1433.20'	PI 793	S 88°02'54"E	729.56'	7948-5	S 25°22'43"E	120.65'	795-2	S 43°23'24"E	119.77'																											
							S 45°57'33"E	1344.65'		S 37°59'02"E	178.25'		S 55°45'37"E	180.27'																											

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



RECORDED - FILED

DATE: 1-12-81

RECORDED - FILED

DATE: 1-12-81

RECORDED - FILED

DATE: 1-12-81

81-1
Christina
1-12-81
10-20-81
81-1
Valdey
1-12-81
10-10-81

Date of Survey	Feb, 1977	Ending	Oct, 1980	Name of Surveyor	OCEAN TECHNOLOGY LTD. WRA F.M. LINDSEY & ASSOC.
Drawn by	C.J.R.	Approved	R.C.D.	Scale	1" = 1000'
Description					
A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.4 S., R.5 E., & T.5 S., R.5 & 6 E., F.M., ALASKA					
UNITED STATES DEPARTMENT OF THE INTERIOR			STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA		
Approval Recommended			Approval Recommended		
Name			Name		
Title			Title		
Approved			Approved		
Name			Name		
Title			Title		
File No.			File No.		

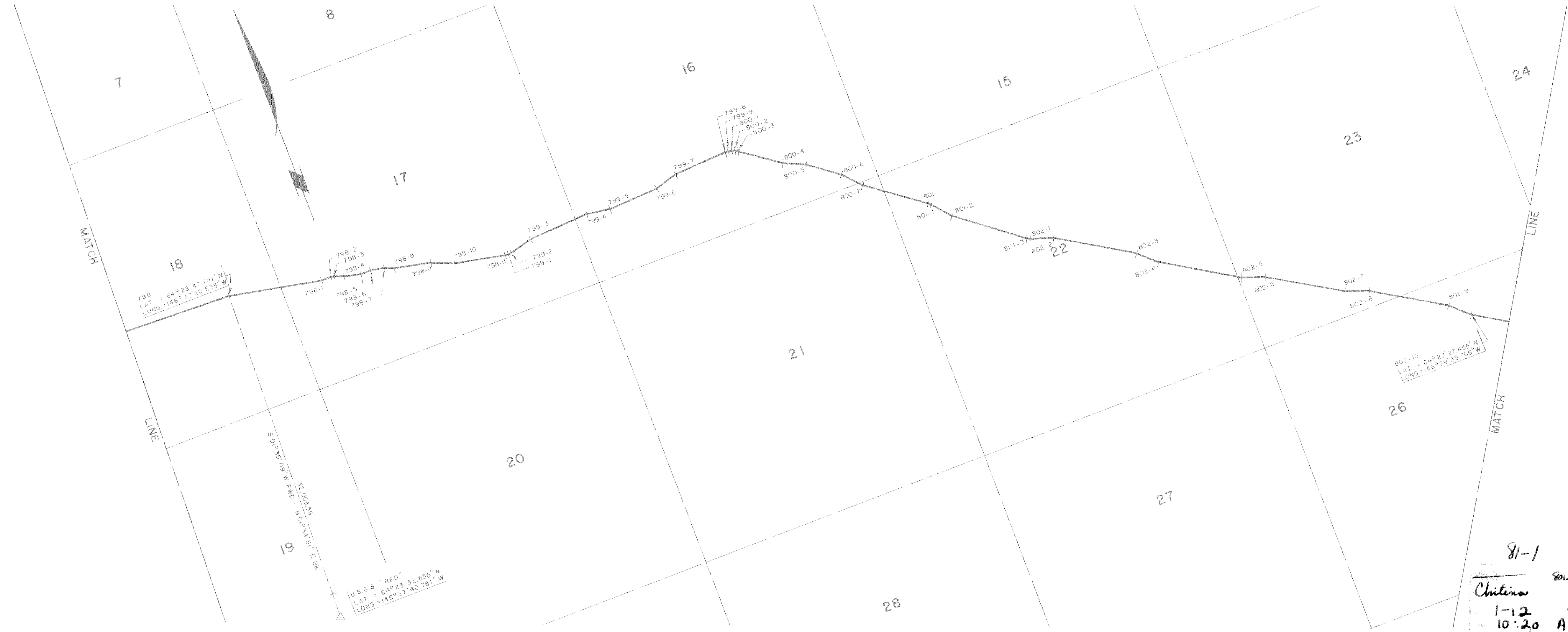
AL-00-G101 SHEET 88 OF 143 ER-

ALYESKA PIPELINE SERVICE CO., AGENT				
TRANS ALASKA PIPELINE SYSTEM				
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE				
Approval Recommended <i>M. Smith</i>				
Approval <i>J.C. Hasle</i>				

POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE						
	RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD			
797	S 88°18'00" E	-	2029.36'	798-7	S 66°04'41" E	-	180.11'	799-4	S 80°30'05" E	-	420.19'	800-3	S 53°48'26" E	-	811.99'	801-3	S 58°43'20" E	-	59.31'	802-8	S 58°38'02" E	-	1437.54'			
798	S 78°31'06" E	-	1659.05'	798-8	S 78°24'49" E	-	659.35'	799-5	N 87°01'20" E	-	900.24'	800-4	S 66°17'04" E	-	420.10'	802-1	S 71°09'46" E	-	420.02'	802-9	S 48°08'22" E	-	420.13'			
798-1	N 89°18'41" E	-	180.12'	798-9	S 66°04'29" E	-	420.15'	799-6	N 74°30'54" E	-	420.10'	800-5	S 53°47'31" E	-	643.23'	802-2	S 58°39'51" E	-	1493.20'	802-10	S 58°37'32" E	-	1377.46'			
798-2	S 78°39'59" E	-	61.42'	798-10	S 78°26'01" E	-	900.07'	799-7	N 87°01'39" E	-	954.31'	800-6	S 41°17'25" E	-	420.25'	802-3	S 46°09'35" E	-	420.20'	802-11						
798-3	S 66°01'47" E	-	180.39'	798-11	S 85°39'48" E	-	59.95'	799-8	S 87°42'37" E	-	59.40'	800-7	S 41°17'25" E	-	420.25'	802-4	S 58°39'27" E	-	1492.56'							
798-4	S 78°27'32" E	-	300.95'	799-1	N 86°31'38" E	-	59.69'	799-9	S 78°13'43" E	-	59.53'	801	S 52°23'52" E	-	59.93'	802-5	S 71°07'46" E	-	420.44'							
798-5	N 89°01'45" E	-	180.15'	799-2	N 74°30'31" E	-	420.18'	800-1	S 68°31'09" E	-	59.40'	801-1	S 39°51'19" E	-	420.00'	802-6	S 58°38'34" E	-	1436.94'							
798-6	S 78°27'18" E	-	239.90'	799-3	N 87°00'17" E	-	1079.86'	800-2	S 59°01'57" E	-	59.51'	801-2	S 52°20'58" E	-	1377.81'	802-7	S 71°06'49" E	-	420.00'							

PI POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



81-1
 81-1
 81-1
 81-1
 81-1

81-1
 Chitina
 1-12
 10:20
 A

81-1
 Valdez
 1-12
 10:10
 A

AL-00-GIOI SHEET 89 OF 143

ER-

No.	DATE	REVISION	BY	CHKD	APP

ALYESKA PIPELINE SERVICE CO., AGENT
 TRANS ALASKA PIPELINE SYSTEM
 PRUDHOE BAY TO VALDEZ
 48" OIL PIPELINE

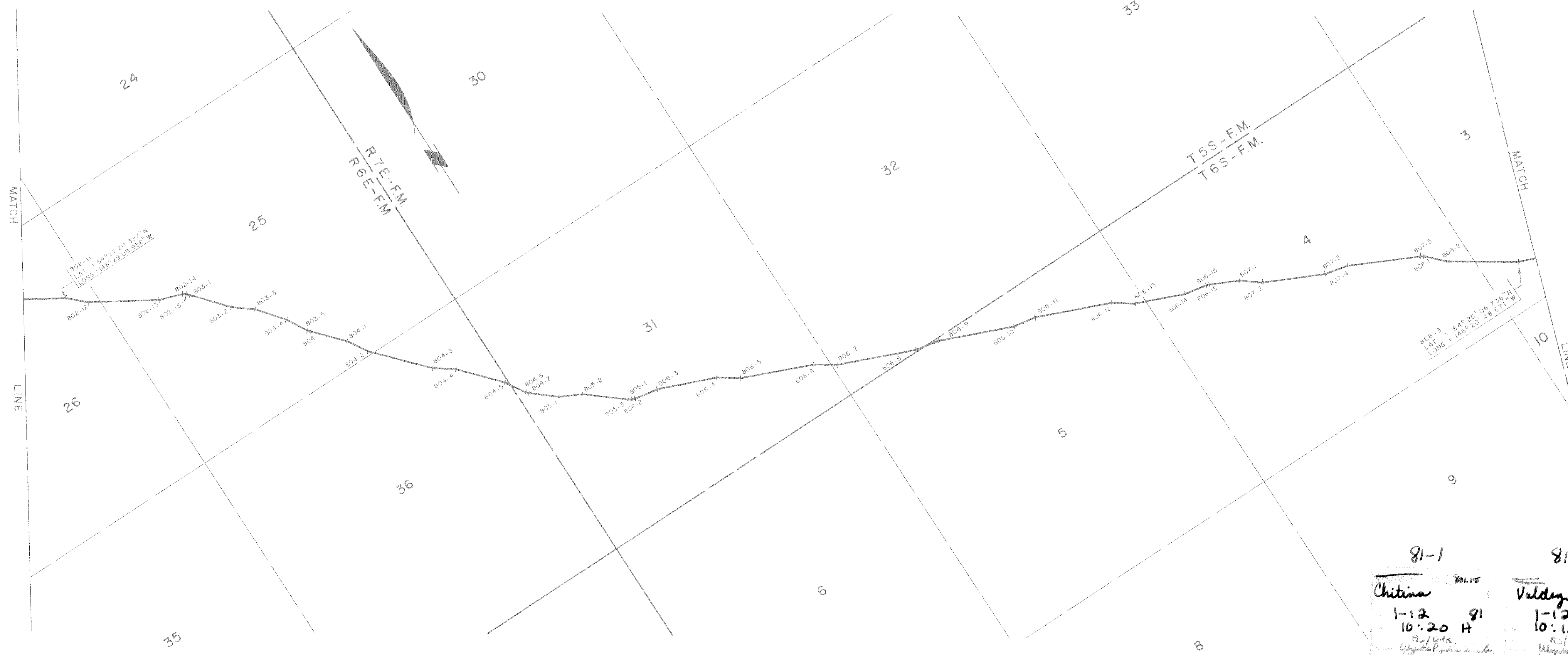
Approval Recommended *M. Smith*
 Approval *J.C. Harle*

Date of Survey	Beginning	Ending	Name of Surveyor
Feb, 1977	Feb, 1977	Oct, 1980	OCEAN TECHNOLOGY LTD dba F.M. LINDSEY & ASSOC. RICHARD C. DAVIS
Drawn by	C. J. R.	Approved	R.C.D.
Description	A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.5 S., R.6 E., F.M., ALASKA		
UNITED STATES DEPARTMENT OF THE INTERIOR	STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA		
Approval Recommended	Name	Title	Approval Recommended
<i>[Signature]</i>	<i>[Signature]</i>	Chief, Division of Cadastral Survey Bureau of Land Management	<i>[Signature]</i>
Approved	Name	Title	Approved
<i>[Signature]</i>	<i>[Signature]</i>	Authorized Officer	<i>[Signature]</i>
File No.	File No. 102-9 FILE No. 1 - Dr. O		

POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD
802-10	S 58°37'32" E - 1377.46'	803-3	S 40°26'19" E - 595.36'	804-5	S 29°49'37" E - 419.22'	806-3	S 67°33'43" E - 1085.22'	806-11	S 67°31'41" E - 1374.43'	807-3	S 77°00'20" E - 419.75'								
802-11	S 46°06'03" E - 420.22'	803-4	S 27°54'47" E - 420.09'	804-6	S 42°03'26" E - 59.47'	806-4	S 55°03'02" E - 420.00'	806-12	S 55°01'17" E - 419.88'	807-4	S 64°29'44" E - 1315.01'								
802-12	S 58°37'33" E - 1257.12'	803-5	S 40°35'58" E - 59.58'	804-7	S 50°11'08" E - 528.60'	806-5	S 67°33'11" E - 1324.68'	806-13	S 67°31'10" E - 891.33'	807-5	S 56°14'14" E - 59.78'								
802-13	S 71°04'26" E - 419.92'	804	S 42°19'43" E - 654.79'	805-1	S 63°08'00" E - 418.58'	806-6	S 55°01'58" E - 418.89'	806-14	S 80°01'36" E - 420.02'	808-1	S 43°35'12" E - 415.99'								
802-14	S 58°32'22" E - 60.07'	804-1	S 29°50'47" E - 419.91'	805-2	S 50°22'52" E - 827.71'	806-7	S 67°31'43" E - 1434.98'	806-15	S 66°54'21" E - 60.05'	808-2	S 56°11'02" E - 1262.15'								
802-15	S 49°26'20" E - 60.05'	804-2	S 42°19'52" E - 1131.22'	805-3	S 58°50'49" E - 59.68'	806-8	S 80°00'41" E - 420.08'	806-16	S 64°34'54" E - 531.05'	808-3	S 68°42'37" E - 418.76'								
803-1	S 40°26'12" E - 775.51'	804-3	S 54°48'42" E - 419.66'	806-1	S 67°16'42" E - 60.55'	806-9	S 67°32'13" E - 1370.66'	807-1	S 51°57'18" E - 418.27'	808-4									
803-2	S 52°55'23" E - 419.87'	804-4	S 42°19'33" E - 898.92'	806-2	S 80°02'06" E - 419.29'	806-10	S 80°05'10" E - 418.40'	807-2	S 64°30'45" E - 1127.69'										

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



81-1
RECORDED - FILED
DATE: 1-11-81
TIME: 1:21 P.M.
Requested by: A.J. Davis
Address: ...

81-1
RECORDED - FILED
DATE: 1-11-81
TIME: 1:21 P.M.
Requested by: A.J. Davis
Address: ...

81-1
RECORDED - FILED
DATE: 1-11-81
TIME: 1:21 P.M.
Requested by: A.J. Davis
Address: ...

81-1
RECORDED - FILED
DATE: 1-11-81
TIME: 1:21 P.M.
Requested by: A.J. Davis
Address: ...

81-1
Chitina
1-12 81
10:20 A
A.J. Davis
Alaska Pipeline Service Co.
Anchorage, Alaska 99501

81-1
Valdez
1-12 81
10:10 A
A.J. Davis
Alaska Pipeline Service Co.
Anchorage, Alaska 99501

Date of Survey	Beginning	Ending	Name of Surveyor	OCEAN TECHNOLOGY LTD. GRA F.M. LINDSEY & ASSOC.
Feb., 1977	Feb., 1977	Oct., 1980	RICHARD C. DAVIS	Lic. No. 1637-S
Drawn by	C.J.R.	Approved	R.C.D.	Scale 1" = 1000'
Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T5S., R.6&7E., & T6S., R.7E., F.M., ALASKA				
UNITED STATES DEPARTMENT OF THE INTERIOR		STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA		
Approval Recommended	Name	Title	Approval Recommended	Name
	Chitina	Chief, Division of Cadastral Survey Bureau of Land Management		Valdez
Approved	Name	Title	Approved	Name
	A.J. Davis	Authorized Officer		A.J. Davis
FILE No. 1 - Dr. O				

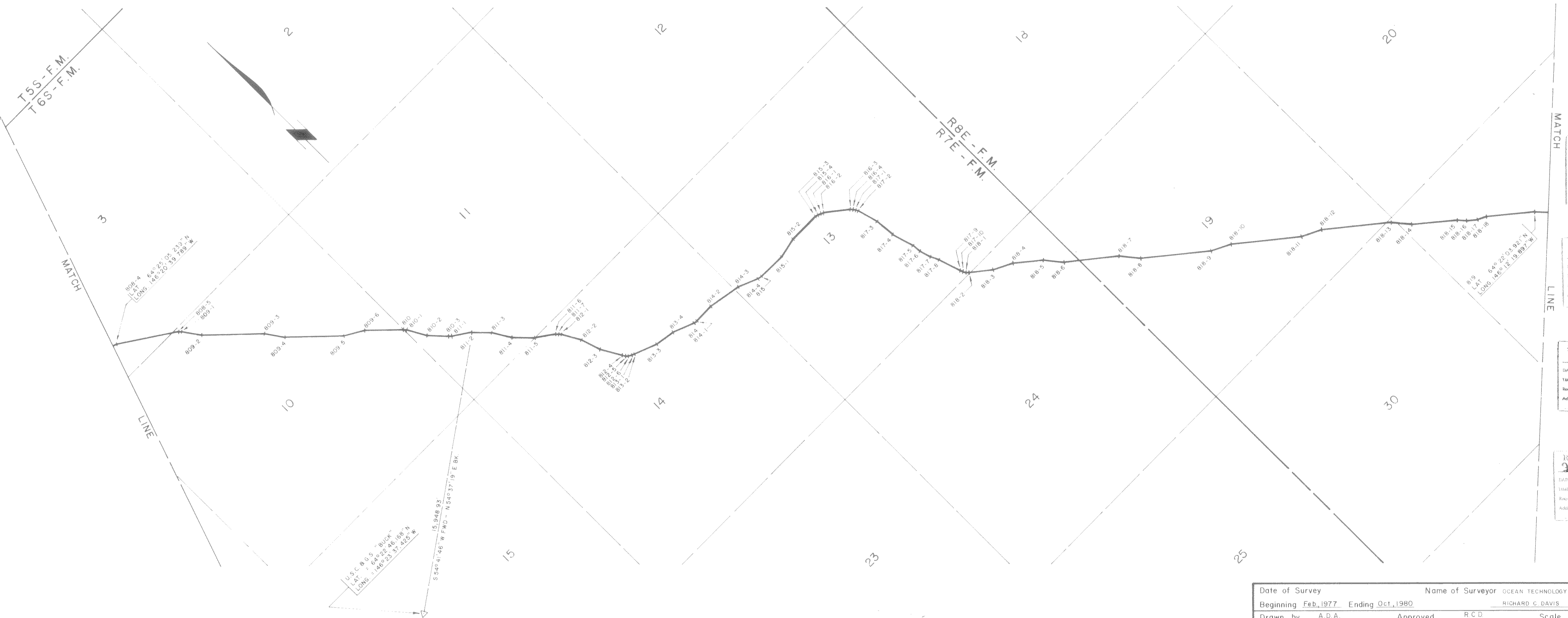
AL-00-G101 SHEET 90 OF 143 ER-

ALYESKA PIPELINE SERVICE CO., AGENT
TRANS ALASKA PIPELINE SYSTEM
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE
Approval Recommended <i>M. J. Smith</i>
Approval <i>A.C. Hinkle</i>

POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE							
	RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD	
808-3				809-6	S 46° 23' 31" E	787.35'		811-4	S 43° 38' 56" E	468.64'		812-5	S 44° 26' 12" E	59.76'		814-2	S 79° 19' 33" E	683.05'		816-1	S 58° 49' 21" E	58.61'		817-5	S 04° 28' 15" E	180.35'		818-3	S 63° 13' 36" E	420.09'		818-11	S 63° 14' 53" E	419.24'		819	S 42° 25' 59" E	1456.65'		
808-4	S 56° 10' 35" E	1257.44'		810	S 42° 09' 16" E	63.58'		811-5	S 56° 06' 07" E	419.89'		812-6	S 54° 00' 52" E	59.92'		814-3	S 66° 47' 30" E	419.85'		816-2	S 51° 36' 53" E	533.24'		817-6	S 16° 55' 06" E	239.23'		818-4	S 50° 41' 53" E	607.97'		818-12	S 50° 40' 54" E	1413.65'		819-1				
808-5	S 46° 51' 28" E	60.02'		810-1	S 29° 31' 05" E	416.50'		811-6	S 43° 23' 04" E	60.04'		813-1	S 63° 20' 30" E	59.89'		814-4	S 70° 12' 46" E	59.84'		816-3	S 45° 39' 34" E	60.01'		817-7	S 29° 25' 15" E	180.14'		818-5	S 38° 12' 09" E	419.16'		818-13	S 38° 10' 27" E	419.11'						
809-1	S 33° 48' 59" E	419.37'		810-2	S 42° 01' 18" E	437.04'		811-7	S 36° 53' 51" E	59.80'		813-2	S 68° 25' 16" E	489.45'		815	S 89° 22' 07" E	592.11'		816-4	S 34° 26' 32" E	59.95'		817-8	S 16° 57' 35" E	476.97'		818-6	S 50° 42' 07" E	1137.44'		818-14	S 50° 39' 34" E	919.36'						
809-2	S 46° 22' 04" E	1260.53'		810-3	S 44° 17' 27" E	59.98'		812-1	S 29° 54' 38" E	415.75'		813-3	S 80° 53' 26" E	419.74'		815-1	N 78° 09' 41" E	419.99'		817-1	S 23° 00' 59" E	59.91'		817-9	S 23° 17' 13" E	59.74'		818-7	S 38° 13' 54" E	419.97'		818-15	S 38° 10' 10" E	179.95'						
809-3	S 33° 56' 52" E	419.51'		811-1	S 56° 07' 39" E	419.81'		812-2	S 17° 25' 44" E	416.37'		813-4	S 68° 25' 55" E	461.76'		815-2	S 89° 20' 46" E	644.82'		817-2	S 16° 56' 27" E	411.45'		817-10	S 33° 09' 10" E	58.82'		818-8	S 50° 42' 13" E	1437.79'		818-16	S 50° 39' 27" E	224.71'						
809-4	S 46° 22' 42" E	1198.85'		811-2	S 43° 38' 32" E	405.24'		812-3	S 29° 51' 14" E	474.18'		814	S 79° 14' 12" E	54.44'		815-3	S 82° 32' 22" E	58.94'		817-3	S 04° 26' 09" E	419.97'		818-1	S 45° 03' 32" E	59.28'		818-9	S 63° 11' 08" E	420.15'		818-17	S 63° 19' 59" E	179.12'						
809-5	S 58° 56' 22" E	418.39'		811-3	S 31° 07' 01" E	419.09'		812-4	S 35° 00' 08" E	60.10'		814-1	N 88° 21' 20" E	419.93'		815-4	S 70° 28' 55" E	58.83'		817-4	S 16° 57' 20" E	472.47'		818-2	S 50° 42' 28" E	490.32'		818-10	S 50° 40' 21" E	1438.13'		818-18	S 50° 39' 31" E	991.76'						

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



MATCH

LINE

81-1
RECORDED - FILED
DATE 1-1
TIME 10:10 A
Requested by AS/DNR
Address

81-1
RECORDED - FILED
DATE 1-1
TIME 10:10 A
Requested by AS/DNR
Address

81-1
RECORDED - FILED
DATE 1-1
TIME 10:10 A
Requested by AS/DNR
Address

81-1
RECORDED - FILED
DATE 1-1
TIME 10:10 A
Requested by AS/DNR
Address

U.S.C. & G.S. "BUY"
LAT. = 64° 22' 46" N
LONG. = 148° 23' 37" W

S 54° 41' 46" W FWD - N 54° 37' 19" E BK

Date of Survey	Beginning Feb. 1977	Ending Oct. 1980	Name of Surveyor	OCEAN TECHNOLOGY LTD. PRA F.M. LINDSEY & ASSOC.
Drawn by	A.D.A.	Approved	R.C.D.	Scale 1" = 1000'
Description	A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.6S., R.7E., & T.6S., R.8E., F.M., ALASKA			
UNITED STATES DEPARTMENT OF THE INTERIOR	STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA			
Approval Recommended Name Title	ALYESKA PIPELINE SERVICE CO., AGENT TRANS ALASKA PIPELINE SYSTEM PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE		Approval Recommended Name Title	
Approved Name Title	Approval Recommended Name Title		Approved Name Title	
File No.			File No. 102 - 9	

81-1

RECORDED - FILED
DATE 1-12
TIME 10:20 A
Requested by AS/DNR
Address

81-1

RECORDED - FILED
DATE 1-12
TIME 10:10 A
Requested by AS/DNR
Address

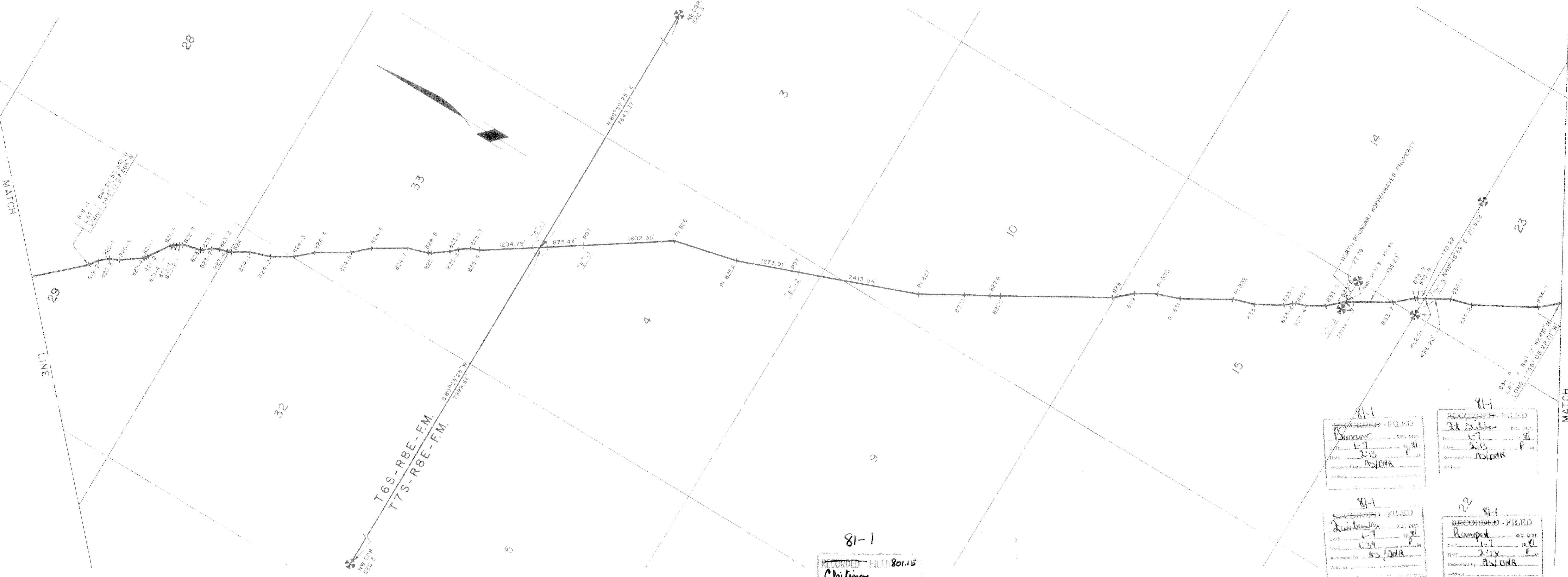
AL-00-G101 SHEET 91 OF 143 ER-

No.	DATE	REVISION	BY	CHKD	APP

POINT I.D.	BEARING α OR DISTANCE	POINT I.D.	BEARING α OR DISTANCE	POINT I.D.	BEARING α OR DISTANCE	POINT I.D.	BEARING α OR DISTANCE	POINT I.D.	BEARING α OR DISTANCE	POINT I.D.	BEARING α OR DISTANCE	POINT I.D.	BEARING α OR DISTANCE	POINT I.D.	BEARING α OR DISTANCE	POINT I.D.	BEARING α OR DISTANCE	
	RADIUS TANGENT L. CHORD		RADIUS TANGENT L. CHORD		RADIUS TANGENT L. CHORD		RADIUS TANGENT L. CHORD		RADIUS TANGENT L. CHORD		RADIUS TANGENT L. CHORD		RADIUS TANGENT L. CHORD		RADIUS TANGENT L. CHORD		RADIUS TANGENT L. CHORD	
819	S 45° 21' 59" E 1456.65	821.2	S 57° 12' 04" E 493.54	823.2	S 27° 08' 12" E 170.09	824.5	S 43° 22' 43" E 419.83	825.4	S 33° 55' 14" E 3882.58	829	S 29° 05' 29" E 456.58	833.4	S 30° 09' 03" E 419.03	834.3	S 41° 35' 01" E 419.81			
819.1	S 44° 54' 43" E 179.55	821.3	S 51° 23' 41" E 55.89	823.3	S 14° 39' 55" E 179.97	824.6	S 30° 54' 24" E 715.88	PI 826	S 74.06 103.75 204.19	PI 830	S 20° 07' 15" E 458.03	833.5	S 42° 37' 37" E 419.62	834.4	S 29° 05' 33" E 1437.97			
819.2	S 42° 29' 54" E 177.41	821.4	S 41° 29' 21" E 55.81	823.4	S 27° 07' 06" E 59.54	824.7	S 18° 22' 34" E 418.86	PI 826A	2040.51 132.54 264.52	PI 831	S 124.72 100.71 200.61	833.6	S 30° 08' 38" E 963.08	834.5				
820.1	S 35° 21' 06" E 56.64	822.1	S 31° 02' 30" E 55.47	824	S 31° 01' 42" E 162.39	824.8	S 30° 52' 28" E 59.82	PI 827	S 20° 51' 09" E 3687.45	PI 832	S 30° 21' 10" E 1048.08	833.7						
820.2	S 22° 57' 07" E 179.07	822.2	S 21° 13' 26" E 55.95	824.1	S 18° 11' 32" E 415.77	825	S 33° 59' 54" E 370.69	827A	S 28° 23' 22" E 506.61	833	S 30° 10' 27" E 592.02	833.8						
820.3	S 36° 23' 02" E 497.97	822.3	S 15° 13' 07" E 385.74	824.2	S 30° 55' 35" E 481.51	825.1	S 46° 32' 48" E 180.49	827B	S 30° 58' 32" E 216.35	833.1	S 42° 24' 47" E 179.84	833.9	S 29° 05' 59" E 666.42					
820.4	S 41° 14' 09" E 54.66	823	S 27° 07' 16" E 55.26	824.3	S 43° 41' 25" E 420.04	825.2	S 33° 58' 55" E 250.51	827C	S 30° 08' 24" E 2214.98	833.2	S 30° 05' 06" E 57.11	834.1	S 36° 35' 42" E 419.69					
821.1	S 51° 06' 23" E 55.36	823.1	S 19° 37' 21" E 179.62	824.4	S 30° 44' 19" E 717.67	825.3	S 21° 27' 14" E 179.30	828	S 41° 16' 46" E 452.60	833.3	S 17° 40' 03" E 180.38	834.2	S 29° 06' 17" E 1327.00					

P.I. - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



81-1
RECORDED - FILED 801.15
Christina
DATE 1-12 81
TIME 10:20 A
Requested by AS/DNR
Address Anchorage Alaska 99504

81-1
RECORDED - FILED 801.16
Valdey REC DIST
DATE 1-12 81
TIME 10:13 A
Requested by AS/DNR
Address Anchorage Alaska 99504

81-1
RECORDED - FILED
Brunner REC DIST
DATE 1-1 81
TIME 2:15 P.M.
Requested by AS/DNR
Address

81-1
RECORDED - FILED
Zurbrugg REC DIST
DATE 1-1 81
TIME 1:51 P.M.
Requested by AS/DNR
Address

81-1
RECORDED - FILED
21.5 REC DIST
DATE 1-1 81
TIME 2:15 P.M.
Requested by AS/DNR
Address

81-1
RECORDED - FILED
Rumpert REC DIST
DATE 1-1 81
TIME 2:15 P.M.
Requested by AS/DNR
Address

Date of Survey	Feb, 1977	Ending	Oct, 1980	Name of Surveyor	OCEAN TECHNOLOGY LTD. DBA F.M. LINDSEY & ASSOC	Lic. No.	1637-S
Drawn by	C.J.R.	Approved	R.C.D.	Scale	1" = 1000'		
Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T6S., R8E., & T7S., R8E., F.M., ALASKA							
UNITED STATES DEPARTMENT OF THE INTERIOR				STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA			
Approval Recommended	Name	Title		Approval Recommended	Name	Title	
		Chief, Division of Cadastral Survey Bureau of Land Management			Chief Cadastral Surveyor	4/14/80	
Approved	Name	Title		Approved	Name	Title	
		Authorized Officer			Authorized Officer		
File No.							File No. 102-9

AL-00-GIOI SHEET 92 OF 143

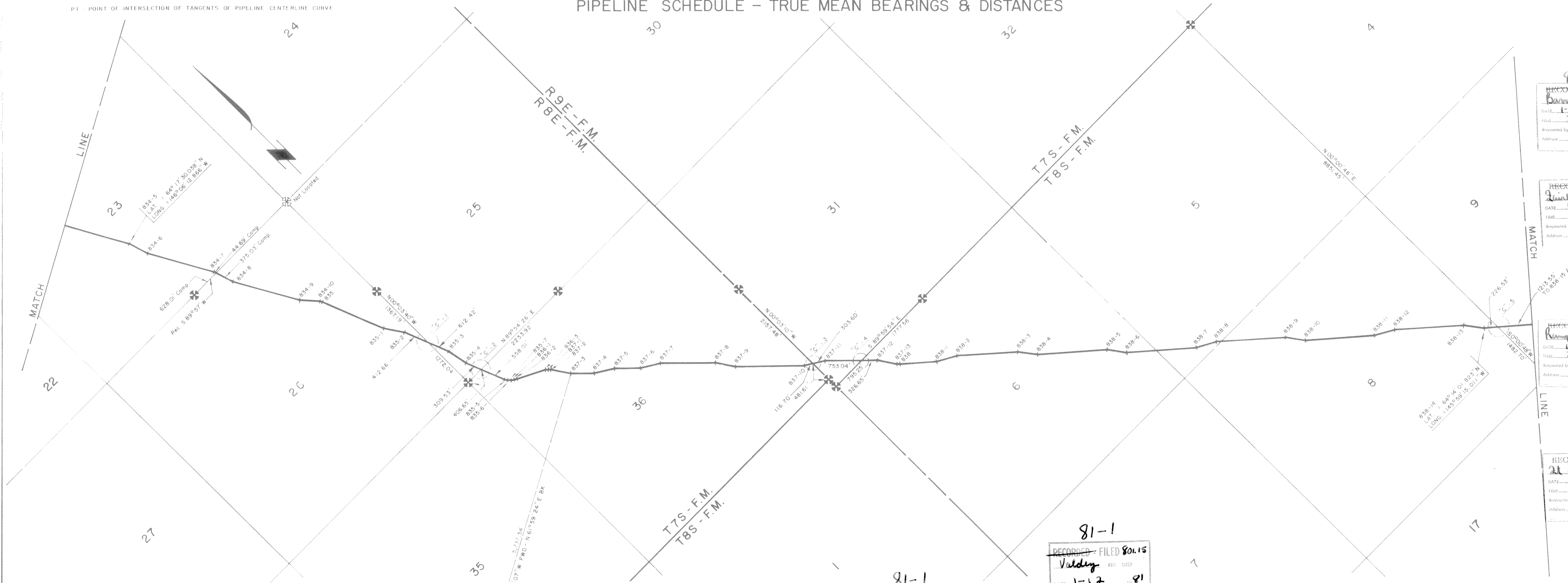
ER-

ALYESKA PIPELINE SERVICE CO., AGENT				
TRANS ALASKA PIPELINE SYSTEM				
PRUDHOE BAY TO VALDEZ				
48" OIL PIPELINE				
Approval Recommended	Name			
	Title			
Approval	Name			
	Title			
Approval	Name			
	Title			

93-143
1 APJ

POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD
834-4	S 29°05'33"E - 1437.97'	835-1	S 34°08'48"E - 420.82'	836-3	S 63°34'31"E - 624.77'	837-7	S 45°38'05"E - 1135.82'	838-1	S 61°05'56"E - 419.89'	838-9	S 36°05'29"E - 420.16'								
834-5	S 16°39'35"E - 419.98'	835-2	S 21°41'16"E - 1025.08'	836-4	S 54°44'44"E - 59.83'	837-8	S 33°06'18"E - 420.19'	838-2	S 48°37'16"E - 1261.13'	838-10	S 48°34'50"E - 1439.31'								
834-6	S 29°09'03"E - 1439.89'	835-3	S 09°14'25"E - 420.07'	837-1	S 46°03'19"E - 60.05'	837-9	S 45°38'19"E - 1438.94'	838-3	S 36°07'53"E - 420.07'	838-11	S 61°03'48"E - 420.15'								
834-7	S 16°37'13"E - 419.72'	835-4	S 21°39'14"E - 867.54'	837-2	S 33°07'51"E - 419.67'	837-10	S 58°06'35"E - 420.30'	838-4	S 48°35'51"E - 1440.05'	838-12	S 48°33'44"E - 1439.90'								
834-8	S 29°04'57"E - 1439.54'	835-5	S 27°02'00"E - 63.05'	837-3	S 45°38'49"E - 489.58'	837-11	S 45°36'35"E - 1079.69'	838-5	S 36°05'56"E - 419.95'	838-13	S 36°04'23"E - 419.95'								
834-9	S 41°35'58"E - 420.10'	835-6	S 37°22'28"E - 62.93'	837-4	S 58°07'35"E - 420.45'	837-12	S 33°07'23"E - 420.23'	838-6	S 48°36'08"E - 1439.90'	838-14	S 48°33'11"E - 1440.08'								
834-10	S 29°00'30"E - 59.92'	836-1	S 47°54'29"E - 63.35'	837-5	S 45°36'47"E - 546.91'	837-13	S 45°40'22"E - 60.24'	838-7	S 61°05'23"E - 419.92'	838-15									
835	S 21°41'51"E - 1385.17'	836-2	S 58°35'20"E - 63.06'	837-6	S 58°10'01"E - 420.17'	838	S 48°37'28"E - 781.06'	838-8	S 48°35'20"E - 1440.53'										

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



81-1
RECORDED - FILED
DATE 1-1-81
TIME 2:03 P.M.
Prepared by R.S./DMS

81-1
RECORDED - FILED
DATE 1-1-81
TIME 2:04 P.M.
Prepared by R.S./DMS

81-1
RECORDED - FILED
DATE 1-1-81
TIME 2:12 P.M.
Prepared by R.S./DMS

81-1
RECORDED - FILED
DATE 1-1-81
TIME 2:15 P.M.
Prepared by R.S./DMS

81-1
RECORDED - FILED 801.15
Valdez
DATE 1-12-81
TIME 10:10 A.M.
Prepared by R.S./DMS

81-1
RECORDED - FILED 801.15
Chitina
DATE 1-12-81
TIME 10:20 A.M.
Prepared by R.S./DMS

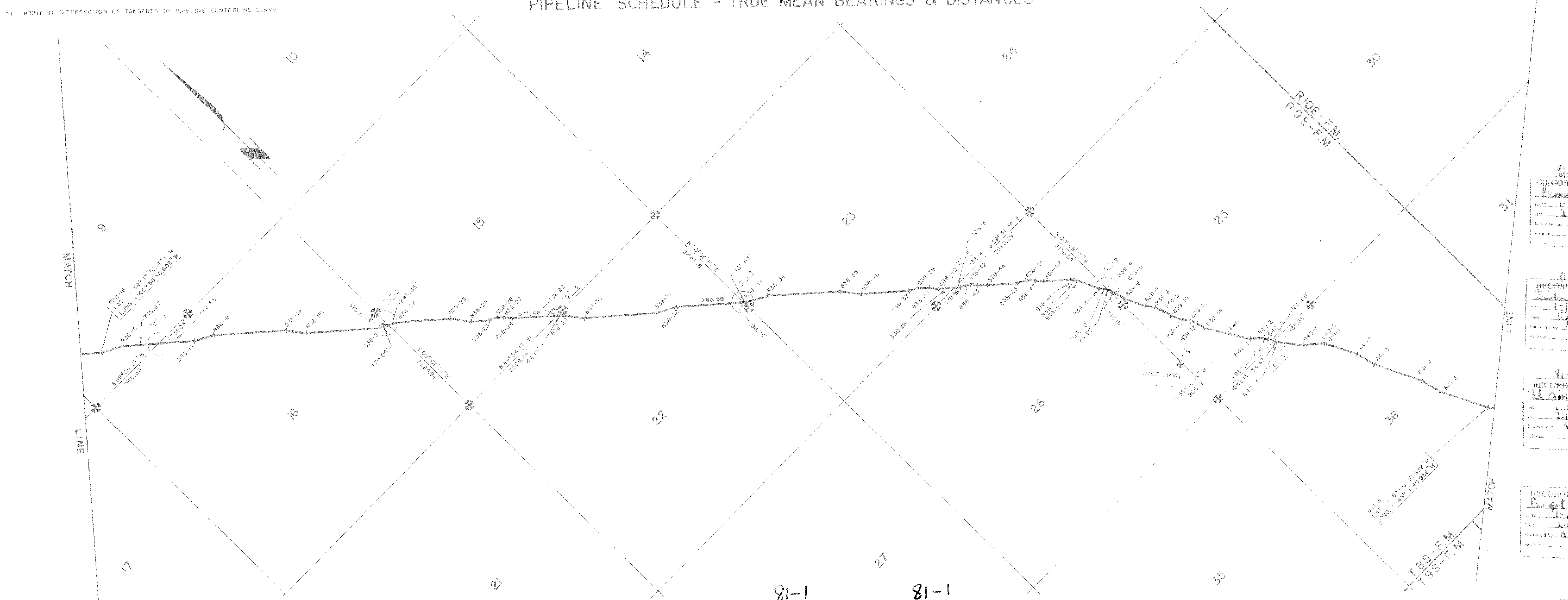
Date of Survey	Beginning Feb, 1977	Ending Oct, 1980	Name of Surveyor	OCEAN TECHNOLOGY LTD., P.O. Box 1637-S, RICHARD C. DAVIS
Drawn by	A.D.A.	Approved	R.C.D.	Scale 1" = 1000'
Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.7S., R.8&9E., & T.8S., R.9E., F.M., ALASKA				
UNITED STATES DEPARTMENT OF THE INTERIOR		STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA		
Approval Recommended	Name	Approval Recommended	Name	
	Chief, Division of Cadastral Survey Bureau of Land Management		11/14/80	Chief Cadastral Surveyor
Approved	Name	Approved	Name	
	Authorized Officer NOV 1980		Authorized Officer	
File No.		File No.	102-9	

AL-00-G101 SHEET 93 OF 143 ER-

ALYESKA PIPELINE SERVICE CO., AGENT			
TRANS ALASKA PIPELINE SYSTEM			
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE			
Approval Recommended	M. J. Smith		
Approval	J. C. Harber		

POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD
838-14	S 48° 33' 11" E - 1440.08'	838-22	S 48° 34' 15" E - 1026.70'	838-30	S 48° 30' 32" E - 1439.79'	838-38	S 48° 29' 29" E - 239.72'	838-46	S 48° 29' 38" E - 179.79'	838-54	S 11° 42' 04" E - 180.12'	838-62	S 11° 41' 52" E - 180.25'	840-6	S 37° 30' 29" E - 39.88'				
838-15	S 61° 02' 46" E - 420.01'	838-23	S 36° 01' 34" E - 420.43'	838-31	S 61° 02' 07" E - 420.01'	838-39	S 36° 03' 48" E - 180.40'	838-47	S 35° 59' 11" E - 180.50'	838-55	S 24° 11' 07" E - 479.37'	838-63	S 24° 12' 25" E - 473.36'	840-7	S 25° 59' 12" E - 645.69'				
838-16	S 48° 33' 01" E - 1438.63'	838-24	S 48° 30' 06" E - 363.16'	838-32	S 48° 30' 39" E - 1440.21'	838-40	S 48° 29' 23" E - 437.12'	838-48	S 48° 30' 33" E - 537.95'	838-56	S 36° 40' 39" E - 180.22'	840-8	S 37° 32' 04" E - 480.89'	840-9	S 13° 29' 51" E - 419.82'				
838-17	S 61° 01' 46" E - 420.10'	838-25	S 61° 00' 43" E - 180.36'	838-33	S 60° 58' 38" E - 420.24'	838-41	S 60° 56' 55" E - 180.25'	838-49	S 41° 56' 28" E - 60.41'	838-57	S 24° 12' 10" E - 179.84'	840-9	S 50° 01' 05" E - 180.09'	841-0	S 25° 59' 54" E - 985.02'				
838-18	S 48° 32' 43" E - 1439.60'	838-26	S 48° 30' 54" E - 119.02'	838-34	S 48° 30' 09" E - 1439.76'	838-42	S 48° 30' 13" E - 182.68'	838-50	S 30° 34' 57" E - 59.17'	838-58	S 11° 42' 53" E - 180.36'	840-10	S 37° 32' 15" E - 177.38'	841-1	S 13° 30' 33" E - 419.64'				
838-19	S 36° 03' 48" E - 420.42'	838-27	S 36° 05' 34" E - 180.14'	838-35	S 36° 01' 58" E - 420.18'	838-43	S 36° 00' 13" E - 180.38'	838-51	S 24° 10' 51" E - 461.67'	838-59	S 24° 10' 45" E - 239.63'	840-11	S 25° 02' 04" E - 180.15'	841-2	S 25° 59' 34" E - 1016.21'				
838-20	S 48° 32' 43" E - 1440.15'	838-28	S 48° 30' 51" E - 1017.65'	838-36	S 48° 29' 58" E - 959.74'	838-44	S 48° 30' 39" E - 603.18'	838-52	S 36° 41' 42" E - 180.01'	838-60	S 36° 40' 18" E - 180.37'	840-12	S 37° 32' 33" E - 537.41'	841-3	S 38° 29' 14" E - 420.03'				
838-21	S 60° 53' 30" E - 419.91'	838-29	S 36° 01' 29" E - 420.20'	838-37	S 60° 57' 17" E - 180.14'	838-45	S 60° 57' 19" E - 180.24'	838-53	S 24° 12' 02" E - 175.04'	838-61	S 24° 14' 04" E - 119.72'	840-13	S 50° 02' 22" E - 420.34'	841-4					

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



- 81-1 RECORDED - FILED
DATE 1-1-81
TIME 1:34 P.M.
Requested by A. J. J. J.
- 81-1 RECORDED - FILED
DATE 1-1-81
TIME 1:34 P.M.
Requested by A. J. J. J.
- 81-1 RECORDED - FILED
DATE 1-1-81
TIME 1:34 P.M.
Requested by A. J. J. J.
- 81-1 RECORDED - FILED
DATE 1-1-81
TIME 1:34 P.M.
Requested by A. J. J. J.

81-1
Christina 801.15
1-12 8'
10.20 A
1-12 8'
10.10 A

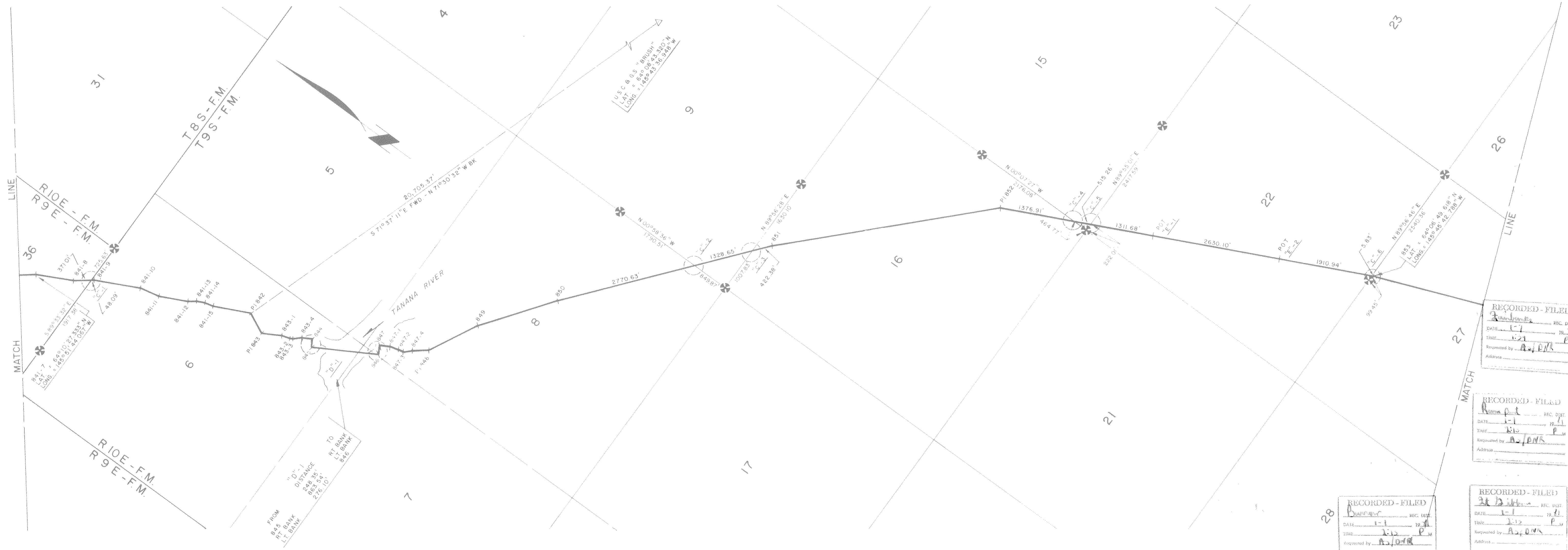
Date of Survey	Beginning Feb., 1977	Ending Oct., 1980	Name of Surveyor	OCEAN TECHNOLOGY LTD. DBA F.M. LINDEY & ASSOC.
Drawn by	A.D.A.	Approved	R.C.D.	Scale 1" = 1000'
Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T. 8 S., R. 9 E., F.M. ALASKA				
UNITED STATES DEPARTMENT OF THE INTERIOR		STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA		
Approval Recommended	Name	Approval Recommended	Name	
Name	Chief, Division of Cadastral Survey	Name	Chief Cadastral Surveyor	
Approval Recommended	Name	Approval	Name	
Name	Acting Authorized Officer	Name	Authorized Officer	
File No.		File No.	102-9	

ALYESKA PIPELINE SERVICE CO., AGENT				
TRANS ALASKA PIPELINE SYSTEM				
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE				
Approval Recommended	Name			
Approval	Name			
No.	DATE	REVISION	BY	CHKD APP

POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD
841-6	S 38°29'14"E - 420.03'	841-14	S 13°26'32"E - 179.93'	844	S 60°12'04"W - 187.95'	PI 848	209.76' 62.10' 119.09'										
841-7	S 25°59'31"E - 776.78'	841-15	S 25°59'25"E - 790.55'	845	S 29°52'24"E - 1387.99'	849	S 53°14'12"E - 1705.33'										
841-8	S 38°32'29"E - 419.10'	PI 842	293.01' 143.15' 257.24'	846	N 60°05'53"E - 187.76'	850	S 50°18'24"E - 4521.66'										
841-9	S 25°59'18"E - 958.65'	PI 843	366.78' 194.76' 344.02'	847	S 29°55'53"E - 202.68'	851	S 45°28'33"E - 4711.64'										
841-10	S 13°24'40"E - 418.29'	843-1	S 17°23'24"E - 180.08'	847-1	S 17°23'27"E - 178.84'	PI 852	270.99' 47.32' 93.22'										
841-11	S 25°59'28"E - 598.46'	843-2	S 29°46'41"E - 59.80'	847-2	S 29°52'06"E - 97.64'	853	S 21°13'10"E - 2448.32'										
841-12	S 38°33'04"E - 179.71'	843-3	S 42°23'14"E - 180.15'	847-3	S 42°20'22"E - 180.22'												
841-13	S 25°58'14"E - 179.14'	843-4	S 29°52'09"E - 215.91'	847-4	S 29°53'04"E - 332.96'												

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



81-1
 Chitina 201.15
 1-12 81
 10:20 A
 A.S. D.M.R.
 Alaska Pipeline Service Co.
 Anch. Alk. 91504

81-1
 Valdez 201.15
 1-12 81
 10:10 A
 A.S. D.M.R.
 Alaska Pipeline Service Co.
 Anch. Alk. 91504

AL-00-G101 SHEET 95 OF 143

ER-

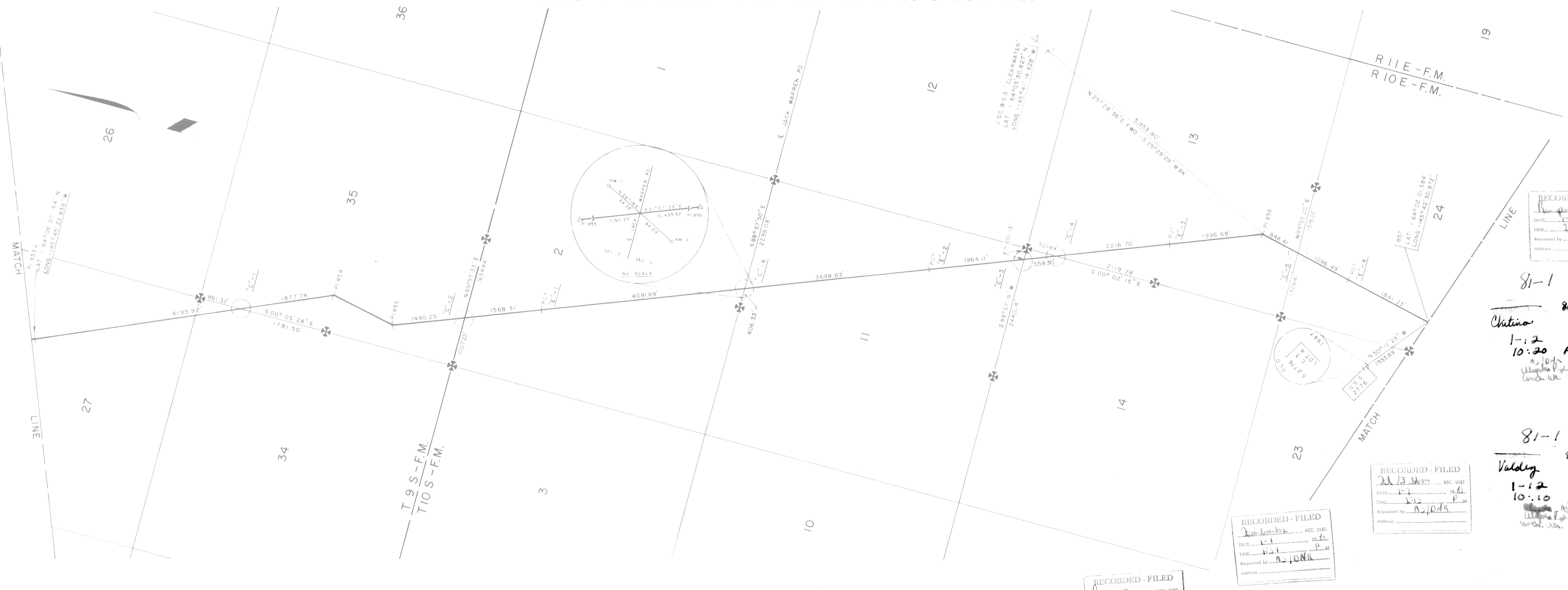
ALYESKA PIPELINE SERVICE CO., AGENT
TRANS ALASKA PIPELINE SYSTEM
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE
Approval Recommended <i>M. J. Smith</i>
Approval <i>J. C. Harbo</i>

Date of Survey	Feb. 1977	Ending	Oct. 1980	Name of Surveyor	OCEAN TECHNOLOGY LTD. dba - M. LINSEY & ASSOC.
Drawn by	R.H.M.	Approved	R.C.D.	Scale	1" = 1000'
Description A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.8S., R.9E., & T.9S., R.10E., F.M., ALASKA					
UNITED STATES DEPARTMENT OF THE INTERIOR			STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA		
Approval Recommended			Approval Recommended		
Name Title Chief, Division of Cadastral Survey Bureau of Land Management			Name <i>Richard C. Davis</i> 11/14/80 Title Chief Cadastral Surveyor		
Approved			Approved		
Name Title Authorized Officer			Name <i>Richard C. Davis</i> Title Authorized Officer		
File No.			File No. 102-9		

POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD
853	S 21° 15' 10" E - 2448.32'														
855A	S 23° 23' 12" E - 6073.66'														
PI 854	499.16' 157.31' 300.05'														
PI 855	S 11° 36' 10" W - 1337.49'														
PI 856	421.16' 123.73' 237.43'														
PI 857	S 21° 07' 29" E - 17,585.88'														
PI 856	246.89' 75.21' 143.88'														
857	S 12° 46' 22" W - 3786.13'														
857A	S 18° 24' 17" W - 8481.71'														

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



RECORDED - FILED
DATE 1-11-81
TIME 1:12 P.M.
Requested by A. J. DNR

81-1
Chitina
1-12 81
10:20 A

81-1
Valdez
1-12 81
10:10 A

RECORDED - FILED
DATE 1-11-81
TIME 1:12 P.M.
Requested by A. J. DNR

RECORDED - FILED
DATE 1-11-81
TIME 1:12 P.M.
Requested by A. J. DNR

RECORDED - FILED
DATE 1-11-81
TIME 1:12 P.M.
Requested by A. J. DNR

AL-00-GIOI SHEET 96 OF 143

ER-

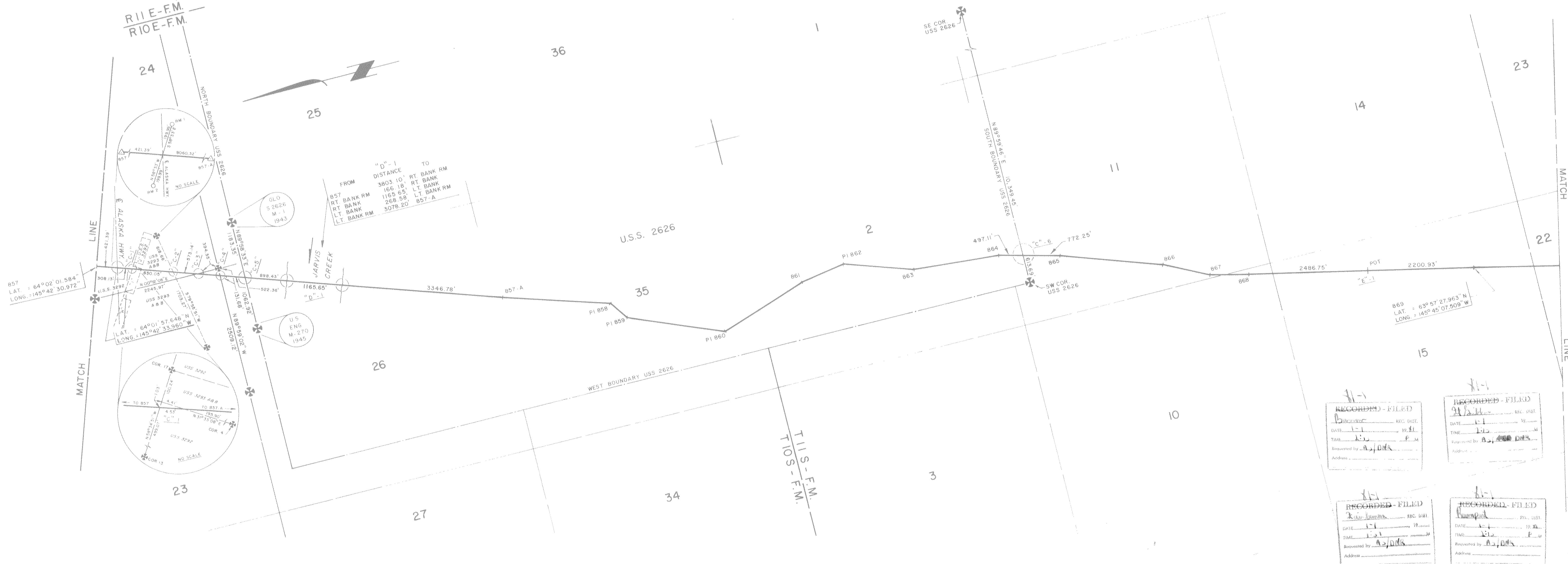
APPROVAL	ALYESKA PIPELINE SERVICE CO, AGENT
APPROVAL	TRANS ALASKA PIPELINE SYSTEM
APPROVAL	PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE
APPROVAL	M. J. Smith
APPROVAL	J. C. Harle

Date of Survey	Feb, 1977	Name of Surveyor	OCEAN TECHNOLOGY LTD DBA F.M. LINDSEY & ASSOC
Registered	Feb, 1977	Expires	Oct, 1980
Drawn by	A. D. A.	Approved	RCD
Scale	1" = 1000'		
Description A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.9 S., R.10 E., & T.10 S., R.10 E., F.M., ALASKA			
UNITED STATES DEPARTMENT OF THE INTERIOR		STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA	
Approval Recommended	Name: <i>James Roper</i>	Approval Recommended	Name: <i>...</i>
Title: Chief, Division of Geospatial Survey	Bureau of Land Management	Title: Chief Cadastral Surveyor	11/24/80
Approved	Name: <i>...</i>	Approved	Name: <i>...</i>
Title: Authorized Officer		Title: Authorized Officer	
File No.		File No.	102 - 10

POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD
857	S 18°24'17"W - 8481.71'	864	S 14°35'17"W - 1269.36'																
857-A	S 17°10'49"W - 2224.69'	865	S 19°14'24"W - 2162.42'																
PI 858	319.42' 104.95' 199.41'	866	S 26°13'32"W - 986.38'																
PI 859	S 53°33'18"W - 454.11'	867	S 13°16'15"W - 821.04'																
PI 860	331.04' 92.94' 178.94'	868	S 12°16'28"W - 4687.68'																
	S 22°11'11"W - 2063.42'	869	S 12°45'18"W - 16,039.34'	PI 870															
PI 862	287.95' 107.18' 200.89'																		
861	S 18°38'44"E - 1896.83'																		
	S 09°40'43"E - 950.34'																		
PI 862	350.01' 88.44' 171.48'																		
	S 18°40'50"W - 1467.95'																		
863	S 04°37'17"W - 1791.80'																		

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



RECORDED - FILED
 DATE: 1-1-81
 TIME: 1:30 P.M.
 RECORDED BY: A.J. DICKS
 ADDRESS: ...

RECORDED - FILED
 DATE: 1-1-81
 TIME: 1:30 P.M.
 RECORDED BY: A.J. DICKS
 ADDRESS: ...

81-1
 Chitina 801.15
 1-12 81
 10:20 A
 AS/DNR
 Alutia Pipeline Service
 Anchorage, AK

81-1
 Valdez 801.15
 1-12 81
 10:10 A
 AS/DNR
 Alutia Pipeline Service
 Anchorage, AK

AL-00-GIOI SHEET 97 OF 143 ER-

ALYESKA PIPELINE SERVICE CO. AGENT
TRANS ALASKA PIPELINE SYSTEM
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE
Recommended <i>W. J. Smith</i>
<i>W. J. Smith</i>

State of Survey: Engineering Feb, 1977; Surveying Oct, 1980
 Name of Surveyor: OCEAN TECHNOLOGY LTD. dba FM LINDSEY & ASSOC.
 Drawn by: A.D.A. R.C.D.
 RICHARD C DAVIS Lic No. 1637-S

A PORTION OF THE TRANS ALASKA PIPELINE
 WITHIN
 T.I.O.S., R.I.O.E., & T.I.I.S., R.I.O.E., F.M., ALASKA

UNITED STATES STATE OF ALASKA
 ANCHORAGE, ALASKA

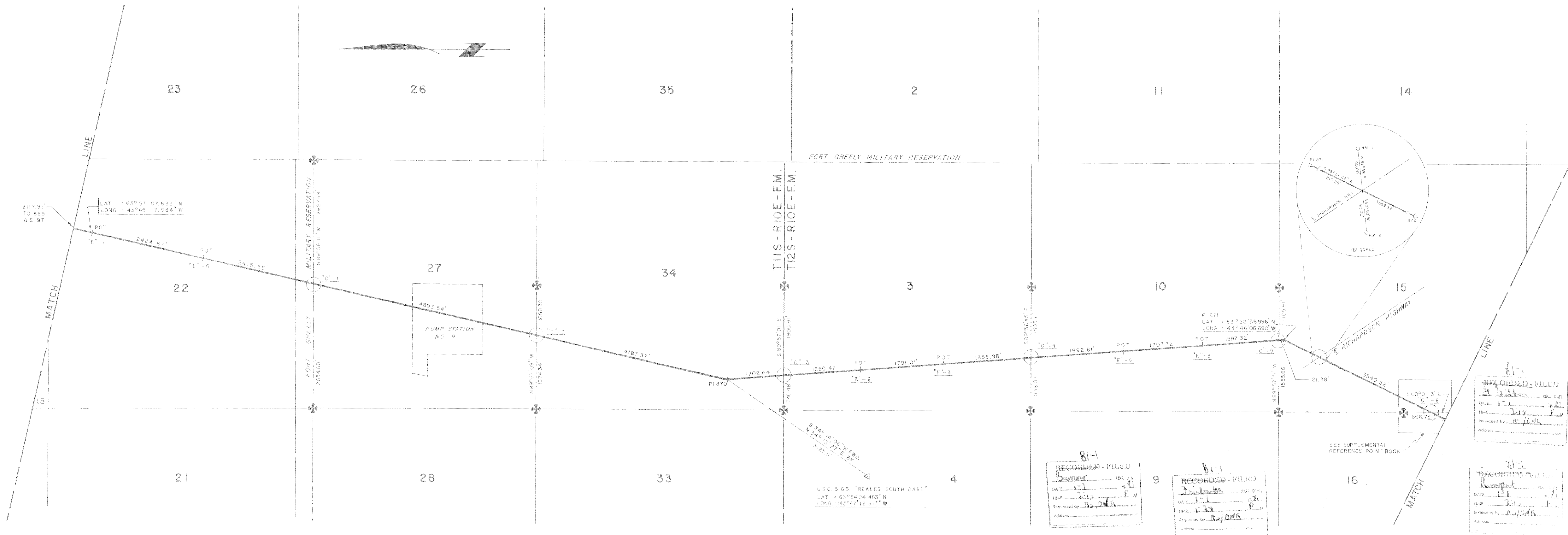
Authorized Officer: *Richard C Davis*
 Date: *12/1/80*

102-10

POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE			
	RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD
869																							
PI 870	S 12° 45' 18" W	16,039.34'																					
	S 45° 10' 00" E	81.78'	161.74'																				
PI 871	S 04° 19' 00" E	11,919.33'																					
	S 43° 30' 00" E	116.28'	224.54'																				
872	S 25° 51' 27" W	4,469.67'																					

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



81-1
RECORDED - FILED
DATE: 1-1-80
TIME: 1:20 P.M.
Requested by: A.D.A.
Address:

81-1
RECORDED - FILED
DATE: 1-1-80
TIME: 1:20 P.M.
Requested by: A.D.A.
Address:

81-1
RECORDED - FILED
DATE: 1-1-80
TIME: 1:20 P.M.
Requested by: A.D.A.
Address:

81-1
RECORDED - FILED
DATE: 1-1-80
TIME: 1:20 P.M.
Requested by: A.D.A.
Address:

81-1
Chitina 801.15
1-12 81
10:20 A
AS/DNR
Alaska Pipeline Service Co.
ANCHORAGE, ALASKA

81-1
Valdez 801.15
1-12 81
10:10 A
AS/DNR
Alaska Pipeline Service Co.
ANCHORAGE, ALASKA

AL-00-G101 SHEET 98 OF 143

ER-

ALYESKA PIPELINE SERVICE CO., AGENT
TRANS ALASKA PIPELINE SYSTEM
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE
Approval Recommended: <i>M. J. Smith</i>
Approval: <i>J. C. Hanks</i>

Date of Survey: Beginning Feb, 1977 Ending Oct, 1980	Name of Surveyor: OCEAN TECHNOLOGY LTD. DBA F.M. LINDSEY & ASSOC. RICHARD C. DAVIS
Drawn by: A.D.A.	Approved: R.C.D. Scale: 1" = 1000'
Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.I.I.S., R.I.O.E., & T.I.2 S., R.I.O.E., F.M., ALASKA	
UNITED STATES DEPARTMENT OF THE INTERIOR	STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA
Approval Recommended Name: <i>James J. Smith</i> Title: Chief, Division of Geodetic Survey Bureau of Land Management	Approval Recommended Name: <i>W. J. Best</i> Title: Chief Cadastral Surveyor
Approved Name: <i>R. C. Davis</i> Title: Authorized Officer	Approved Name: <i>W. J. Best</i> Title: Authorized Officer
File No:	File No: 102-10

POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD
871	S 25° 51' 27" W - 4469.67'	872-7	S 30° 11' 08" W - 419.21'	872-15	S 30° 13' 04" W - 419.41'	874-1	S 22° 24' 30" W - 57.36'	875-2	S 20° 45' 32" W - 1004.62'	876-5	S 26° 03' 24" W - 420.26'	877-6	S 06° 29' 50" W - 1432.29'						
872	S 17° 42' 31" W - 1145.91'	872-8	S 17° 41' 48" W - 1433.83'	872-16	S 17° 34' 55" W - 59.72'	874-2	S 28° 19' 58" W - 583.96'	875-3	S 33° 04' 59" W - 420.20'	876-6	S 14° 19' 48" W - 60.09'	877-7	S 06° 02' 42" E - 419.22'						
872-1	S 05° 14' 07" W - 180.42'	872-9	S 05° 18' 42" W - 419.82'	873	S 06° 19' 27" W - 661.81'	874-3	S 15° 44' 55" W - 419.28'	875-4	S 20° 47' 46" W - 59.95'	876-7	S 06° 24' 59" W - 588.17'	877-8							
872-2	S 17° 44' 37" W - 55.23'	872-10	S 17° 41' 03" W - 1439.08'	873-1	S 06° 10' 31" E - 419.98'	874-4	S 28° 15' 05" W - 656.22'	876	S 13° 33' 15" W - 1087.26'	877-1	S 05° 59' 22" E - 419.91'								
872-3	S 29° 55' 01" W - 180.27'	872-11	S 30° 12' 44" W - 419.81'	873-2	S 06° 18' 54" W - 781.50'	874-5	S 40° 44' 51" W - 419.96'	876-1	S 26° 03' 54" W - 419.83'	877-2	S 06° 31' 20" W - 1124.96'								
872-4	S 17° 47' 12" W - 418.96'	872-12	S 17° 42' 24" W - 1378.94'	873-3	S 18° 50' 58" W - 420.12'	874-6	S 27° 57' 21" W - 59.84'	876-2	S 13° 33' 12" W - 1205.52'	877-3	S 18° 54' 11" W - 419.46'								
872-5	S 05° 12' 58" W - 419.81'	872-13	S 05° 11' 57" W - 420.22'	873-4	S 06° 13' 55" W - 703.95'	875	S 20° 44' 02" W - 527.25'	876-3	S 01° 04' 20" W - 419.86'	877-4	S 06° 28' 27" W - 1435.05'								
872-6	S 17° 42' 23" W - 1143.66'	872-14	S 17° 43' 40" W - 1137.88'	873-5	S 12° 11' 57" W - 57.50'	875-1	S 08° 10' 16" W - 418.58'	876-4	S 13° 32' 45" W - 1015.40'	877-5	S 06° 00' 36" E - 419.39'								

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



RECORDED - FILED
 DATE: 1-7-80
 TIME: 2:12 P.M.
 Requested by: R.D. DUNN
 Address: [blank]

RECORDED - FILED
 DATE: 1-7-80
 TIME: 2:12 P.M.
 Requested by: R.D. DUNN
 Address: [blank]

RECORDED - FILED
 DATE: 1-7-80
 TIME: 1:54 P.M.
 Requested by: R.D. DUNN
 Address: [blank]

RECORDED - FILED
 DATE: 1-7-80
 TIME: 2:12 P.M.
 Requested by: R.D. DUNN
 Address: [blank]

81-1
 Chitina 801.15
 1-12 81
 10:20 A
 R.D. DUNN
 Valdez 801.15
 1-12 81
 10:10 A
 R.D. DUNN

AL-00-G101 SHEET 99 OF 143 ER-

ALYESKA PIPELINE SERVICE CO., AGENT
TRANS ALASKA PIPELINE SYSTEM
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE
Approval Recommended: [Signature]
Approval: [Signature]
Approval: [Signature]

Date of Survey: Beginning Feb. 1977, Ending Oct. 1980 Name of Surveyor: OCEAN TECHNOLOGY LTD. dba F.M. LINDSEY & ASSOC. RICHARD C. DAVIS Lic. No. 1637-S

Drawn by: A.D.A. Approved: R.C.D. Scale: 1" = 1000'

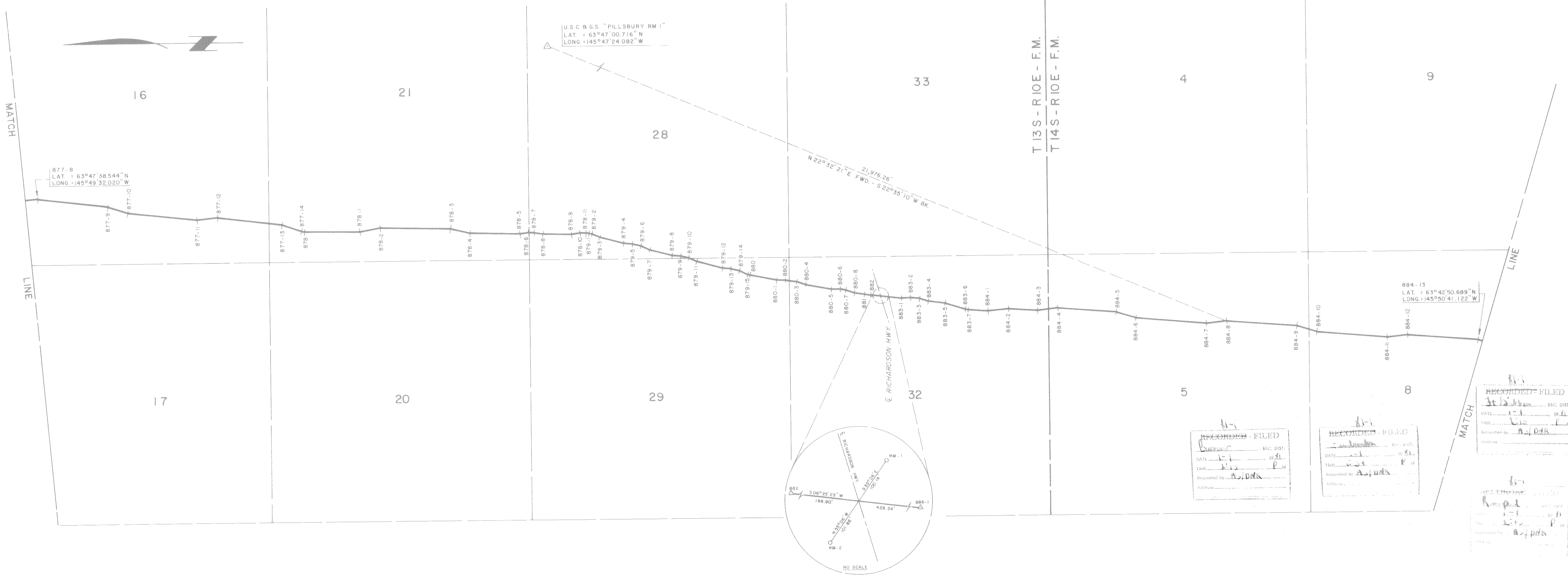
Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T. 12 S., R. 10 E., & T. 13 S., R. 10 E., F.M., ALASKA

UNITED STATES DEPARTMENT OF THE INTERIOR	STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA
Approval Recommended: [Signature]	Approval Recommended: [Signature] 11/26/80
Name: [Signature] Title: Chief, Division of Geodetic Survey Bureau of Land Management	Name: [Signature] Title: Chief, Coastal Surveyor
Approved: [Signature] Title: Authorized Officer	Approved: [Signature] Title: Authorized Officer
File No.	File No. 102-10

POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	
877-7	S 06°02'42" E - 419.22'	878	S 01°08'43" W - 1127.86'	878-8	S 01°08'59" W - 582.21'	879-5	S 14°33'13" W - 183.10'	879-13	S 14°32'49" W - 179.57'	880-5	S 02°16'26" E - 179.56'	883-3	S 18°53'16" W - 179.12'	884-4	S 04°52'32" W - 1194.22'	884-12	S 04°52'40" W - 1435.56'			
877-8	S 06°29'43" W - 1431.39'	878-1	S 11°20'53" E - 420.29'	878-9	S 11°26'02" E - 178.32'	879-6	S 27°01'13" W - 179.97'	879-14	S 27°01'45" W - 180.44'	880-6	S 10°14'06" W - 119.54'	883-4	S 06°23'32" W - 359.47'	884-5	S 17°18'55" W - 419.71'	884-13	S 17°18'10" W - 418.64'			
877-9	S 19°00'17" W - 418.88'	878-2	S 01°08'51" W - 1425.82'	878-10	S 01°02'23" W - 119.46'	879-7	S 14°31'29" W - 475.54'	879-15	S 14°29'04" W - 59.61'	880-7	S 22°42'43" W - 179.53'	883-5	S 18°51'16" W - 419.28'	884-6	S 04°50'55" W - 1432.15'	884-14				
877-10	S 06°29'07" W - 1428.02'	878-3	S 13°58'22" W - 419.98'	878-11	S 07°52'06" W - 59.89'	879-8	S 02°03'09" W - 179.50'	880	S 10°19'42" W - 541.05'	880-8	S 10°16'18" W - 208.24'	883-6	S 07°02'53" W - 59.81'	884-7	S 07°36'11" E - 418.79'					
877-11	S 05°59'50" E - 419.99'	878-4	S 01°07'38" W - 1004.81'	879-1	S 14°35'36" W - 60.03'	879-9	S 14°29'19" W - 179.25'	880-1	S 02°31'24" E - 179.70'	881	S 02°07'08" W - 139.96'	883-7	S 04°47'12" W - 405.07'	884-8	S 04°49'53" W - 1433.95'					
877-12	S 06°29'38" W - 1315.06'	878-5	S 11°21'35" E - 179.05'	879-2	S 27°02'14" W - 179.98'	879-10	S 27°00'54" W - 179.72'	880-2	S 10°14'31" W - 240.49'	882	S 06°25'23" W - 627.24'	884-1	S 07°37'50" E - 420.26'	884-9	S 17°19'31" W - 420.51'					
877-13	S 19°00'41" W - 419.50'	878-6	S 01°06'54" W - 117.87'	879-3	S 14°31'17" W - 491.33'	879-11	S 14°26'50" W - 532.69'	880-3	S 22°43'10" W - 180.40'	883-1	S 06°22'19" E - 179.69'	884-2	S 04°50'01" W - 587.18'	884-10	S 04°47'35" W - 1435.14'					
877-14	S 06°25'28" W - 60.24'	878-7	S 13°44'32" W - 178.55'	879-4	S 02°02'36" W - 180.21'	879-12	S 02°07'34" W - 178.76'	880-4	S 10°14'43" W - 533.94'	883-2	S 08°34'09" W - 181.44'	884-3	S 07°40'55" E - 420.25'	884-11	S 07°39'00" E - 419.71'					

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



RECORDED - FILED
DATE: 1-1-80
BY: J.C. Davis
Requested by: J.C. Davis

RECORDED - FILED
DATE: 1-1-80
BY: J.C. Davis
Requested by: J.C. Davis

RECORDED - FILED
DATE: 1-1-80
BY: J.C. Davis
Requested by: J.C. Davis

81-1
Christina 801.15
1-12 81
10:20 A
AD/DAR
Alaska Pipeline Service Co.
Anch. AK 91504

81-1
Valdey 801.15
1-12 81
10:10 A
AD/DAR
Alaska Pipeline Service Co.
Anch. AK 91504

AL-00-G101 SHEET 100 OF 143 ER-

APPROVAL	ALYESKA PIPELINE SERVICE CO., AGENT
RECOMMENDED	TRANS ALASKA PIPELINE SYSTEM
APPROVAL	PRUDHOE BAY TO VALDEZ
RECOMMENDED	48" OIL PIPELINE
APPROVAL	J.C. Davis

Date of Survey: _____ Name of Surveyor: OCEAN TECHNOLOGY LTD. DBA F.M. LINDSEY & ASSOC.
Beginning: Feb, 1977 Ending: Oct, 1980 RICHARD C. DAVIS Lic. No. 1637-S
Drawn by: C.J.R. Approved: R.C.D. Scale: 1" = 1000'

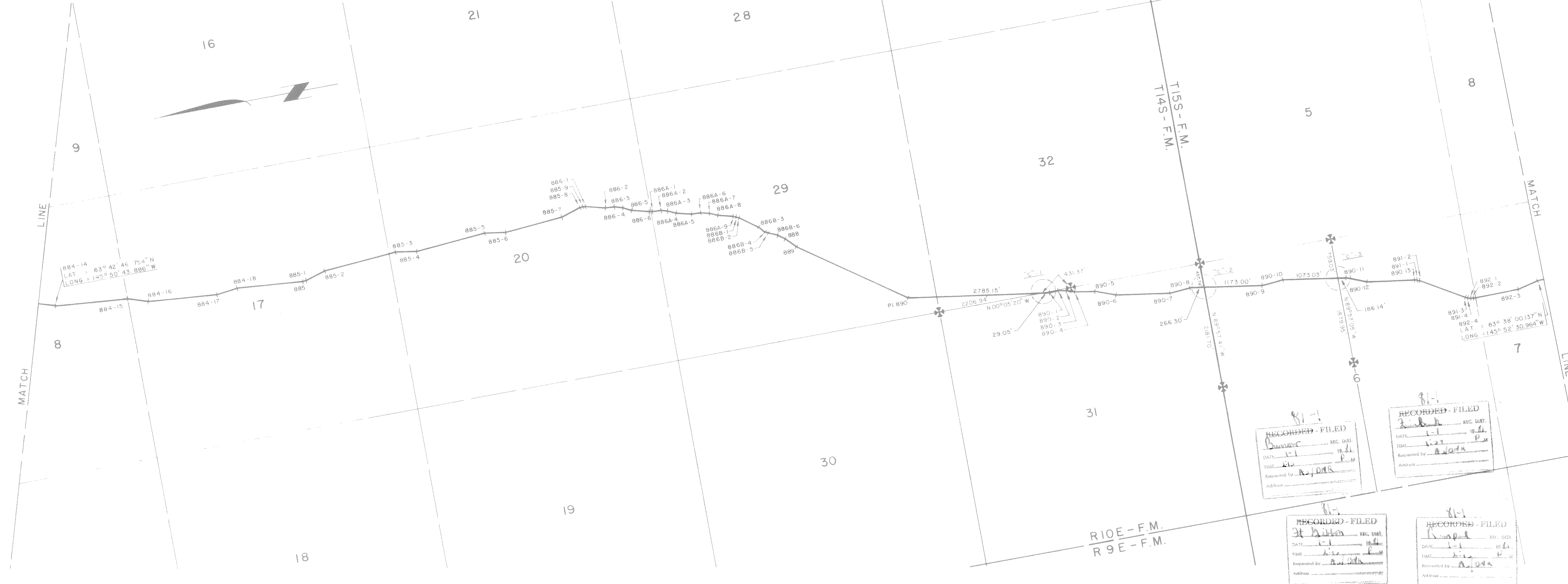
Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.13S, R.10E., & T.14S, R.10E., F.M., ALASKA

UNITED STATES DEPARTMENT OF THE INTERIOR	STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA
Approval Recommended: <i>[Signature]</i>	Approval Recommended: <i>[Signature]</i>
Name: <i>[Signature]</i>	Name: <i>[Signature]</i>
Title: Chief, Division of Geospatial Survey Bureau of Land Management	Title: Chief Cadastral Surveyor
Approved: <i>[Signature]</i>	Approved: <i>[Signature]</i>
Name: <i>[Signature]</i>	Name: <i>[Signature]</i>
Title: Active Authorized Officer	Title: Authorized Officer
File No. _____	File No. 102-10

POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	
884-13	S 17° 18' 10" W - 418.64'	885-2	S 04° 29' 41" E - 1461.25'	886-1	S 15° 02' 46" W - 391.97'	886A-3	S 26° 12' 14" W - 178.16'	886B-2	S 34° 53' 29" W - 428.58'	890-1	S 04° 20' 20" E - 182.92'	890-9	S 04° 07' 22" E - 420.04'	891-4	S 14° 45' 17" W - 55.38'					
884-14	S 04° 49' 52" W - 1437.04'	885-3	S 08° 03' 44" W - 417.60'	886-2	S 02° 31' 33" W - 179.30'	886A-4	S 13° 14' 56" W - 313.29'	886B-3	S 47° 41' 04" W - 175.18'	890-2	S 08° 22' 31" W - 162.01'	890-10	S 08° 22' 17" W - 1259.17'	892-1	S 04° 54' 05" W - 55.33'					
884-15	S 17° 21' 35" W - 418.82'	885-4	S 04° 29' 38" E - 1401.83'	886-3	S 15° 02' 18" W - 177.74'	886A-5	S 01° 29' 34" W - 179.92'	886B-4	S 34° 54' 14" W - 63.36'	890-3	S 20° 52' 27" W - 179.89'	890-11	S 20° 51' 40" W - 419.95'	892-2	S 00° 53' 21" E - 903.97'					
884-16	S 04° 49' 18" W - 1375.36'	885-5	S 08° 01' 33" W - 419.30'	886-4	S 27° 36' 16" W - 178.76'	886A-6	S 13° 30' 14" W - 179.42'	886B-5	S 22° 11' 17" W - 178.41'	890-4	S 08° 22' 44" W - 404.91'	890-12	S 08° 19' 44" W - 946.24'	892-3	S 13° 14' 18" E - 419.89'					
884-17	S 07° 38' 48" E - 419.60'	885-6	S 04° 28' 55" E - 1152.47'	886-5	S 19° 07' 32" W - 356.77'	886A-7	S 25° 32' 45" W - 180.23'	886B-6	S 35° 44' 39" W - 178.81'	890-5	S 20° 52' 55" W - 419.73'	890-13	S 14° 30' 11" W - 58.32'	892-4	S 00° 51' 47" E - 888.83'					
884-18	S 04° 51' 15" W - 1316.89'	885-7	S 17° 00' 31" E - 419.96'	886-6	S 12° 58' 19" W - 59.38'	886A-8	S 13° 40' 29" W - 299.02'	886B-7	S 45° 17' 25" W - 271.92'	890-6	S 08° 22' 07" W - 1070.90'	891-1	S 24° 13' 42" W - 58.36'	892-5						
885	S 05° 06' 00" E - 59.73'	885-8	S 04° 41' 06" E - 55.30'	886A-1	S 00° 57' 21" W - 179.10'	886A-9	S 18° 47' 13" W - 60.01'	889	S 34° 49' 17" W - 2439.48'	890-7	S 04° 07' 29" E - 420.29'	891-2	S 30° 32' 22" W - 955.36'							
885-1	S 16° 56' 03" E - 419.75'	885-9	S 05° 19' 16" W - 55.36'	886A-2	S 13° 23' 54" W - 122.47'	886B-1	S 29° 36' 11" W - 60.30'	PI 890	S 08° 21' 16" W - 2814.20'	890-8	S 08° 22' 45" W - 1439.30'	891-3	S 24° 51' 11" W - 55.25'							

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



81-1
 801.15
 Chitino
 1-12 81
 10:20 A
 W.S./D.M.A.
 Anchorage, Alaska
 44504

81-1
 801.15
 Valdez
 1-12 81
 10:10 A
 W.S./D.M.A.
 Anchorage, Alaska
 44504

AL-00-GIOI SHEET 101 OF 143

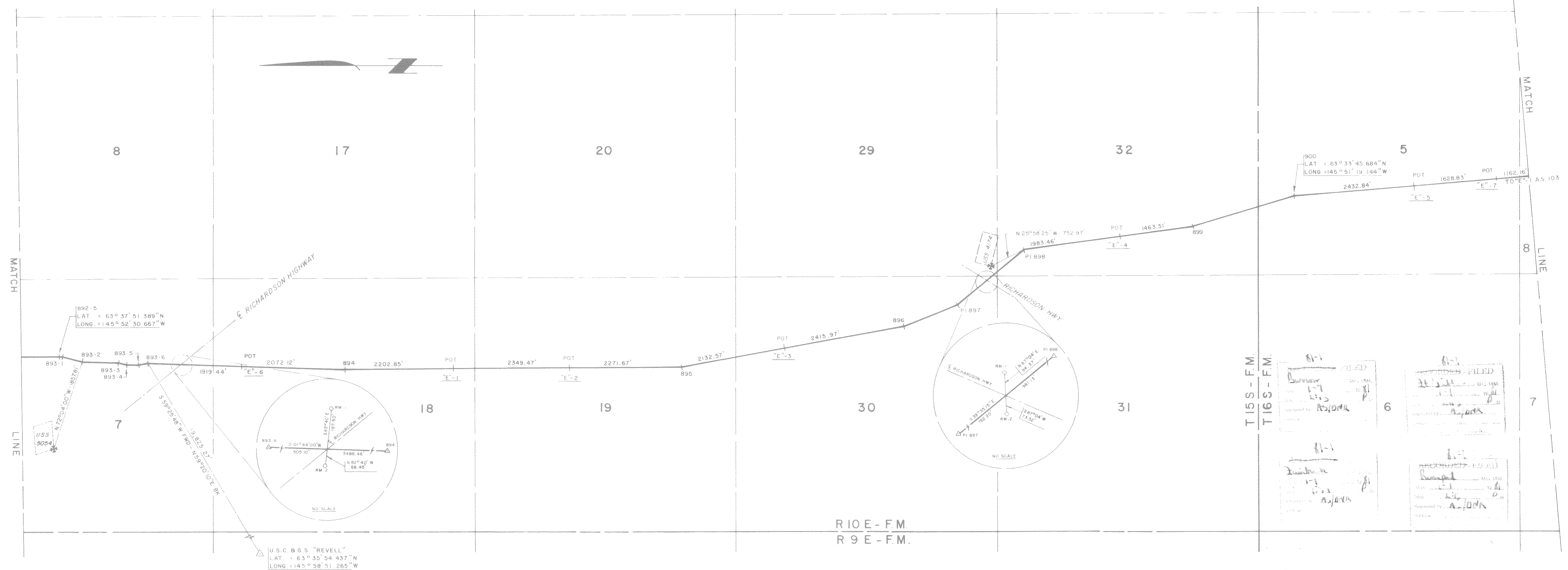
ER-

ALYESKA PIPELINE SERVICE CO, AGENT
TRANS ALASKA PIPELINE SYSTEM
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE
Approval Recommended <i>[Signature]</i>
Approval <i>[Signature]</i>

Date of Survey	Beginning	Ending	Name of Surveyor	OCEAN TECHNOLOGY LTD. & F.M. LINDSEY & ASSOC.	RICHARD C. DAVIS	Lic. No.	6537-5
Drawn by	A.D.A.	Approved	R.C.D.	Scale	1" = 1000'		
Description	A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T. 14 S., R. 10 E., & T. 15 S., R. 10 E., F.M., ALASKA						
UNITED STATES DEPARTMENT OF THE INTERIOR	STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA			Approval Recommended	Approval Recommended		
Name	<i>[Signature]</i>			Name	<i>[Signature]</i> 11/24/80		
Title	Chief, Division of Cadastral Survey Bureau of Land Management			Title	Chief Cadastral Surveyor		
Approved	Name			Approved			
Title	Authorized Officer			Name			
Title	Authorized Officer			Title			
File No.				File No. 102-10			

POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE			
	RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD		RADIUS	TANGENT	L. CHORD
892-4	S00°51'47"E	888.83'		894	S00°27'38"E	6823.99'																	
892-5	S02°30'12"W	60.64'		895	S10°25'51"E	4548.54'																	
893-1	S14°14'50"W	419.83'		896	S21°59'05"E	1189.08'																	
893-2	S01°45'06"W	722.46'		P1 897	S39°24'15"E	120.67'																	
893-3	S14°14'23"W	180.23'		P1 898	S07°48'58"E	3448.97'																	
893-4	S01°44'38"W	242.85'		899	S16°33'49"E	2136.32'																	
893-5	S10°45'09"E	180.42'		900	S04°51'59"E	12,029.66'																	
893-6	S01°44'00"W	3991.56'		901																			

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



T15S - F.M.
T16S - F.M.

81-1
81-1

81-1
81-1

81-1
81-1

81-1
81-1

81-1
81-1

81-1
Chitina 801.15
1-12 81
10:20 A
A.J. JONES
Alaska Pipeline Service
Chitina, AK 99504

81-1
Valdez 801.15
1-12 81
10:10 A
A.J. JONES
Alaska Pipeline Service
Chitina, AK 99504

AL-00-G101 SHEET 102 OF 143

ER-

No.	DATE	REVISION	BY	CHKD	APP.

ALYESKA PIPELINE SERVICE CO., AGENT
TRANS ALASKA PIPELINE SYSTEM
PRUDHOE BAY TO VALDEZ
48" OIL PIPELINE

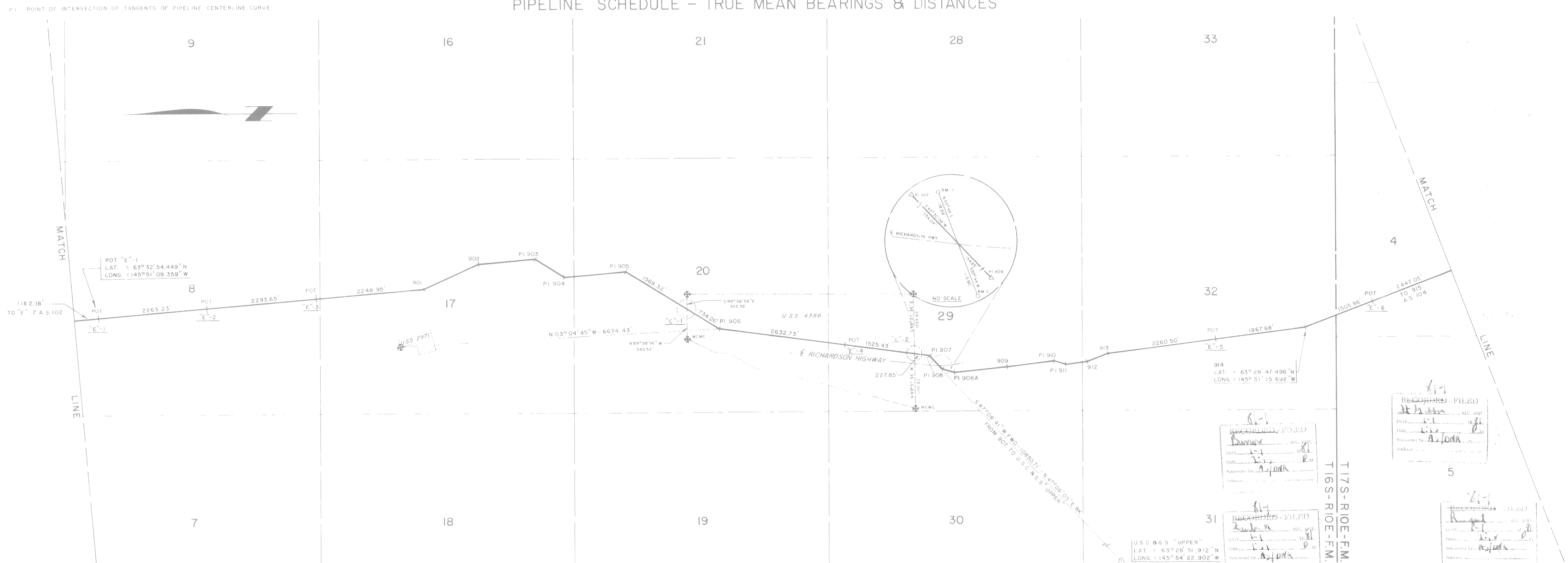
Approval Recommended *M. J. Smith*
Title *Chief, Division of Cadastral Survey*
Bureau of Land Management

Approval Recommended *J. C. Harle*
Title *Chief, Division of Cadastral Survey*
Bureau of Land Management

Date of Survey	Beginning	Ending	Name of Surveyor	Richard C. Davis	Lic. No.	1637-S
Feb, 1977	Feb, 1977	Oct., 1980				
Drawn by	A.D.A.	Approved	R.C.D.	Scale	1" = 1000'	
Description	A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.15S., R.10E., & T.16S., R.10E., F.M., ALASKA					
UNITED STATES DEPARTMENT OF THE INTERIOR	STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA					
Approval Recommended	Approval Recommended					
Name <i>Jimmie J. J. J.</i>	Name <i>Richard C. Davis</i>			Title <i>Chief Cadastral Surveyor</i>		
Title <i>Chief, Division of Cadastral Survey</i>	Title <i>Chief Cadastral Surveyor</i>					
Approved	Approved					
Name <i>M. J. Smith</i>	Name <i>Richard C. Davis</i>			Title <i>Authorized Officer</i>		
Title <i>Chief, Division of Cadastral Survey</i>	Title <i>Authorized Officer</i>					
File No.	File No.			102-10		

POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT CHORD
900		PI 908	S29°54'58"E - 1243.89	915													
901	S04°51'59"E - 12029.66	PI 908A	S16°35'43"W - 233.98														
902	S23°54'58"E - 1243.89	909	S06°06'03"E - 1122.57														
PI 903	S05°07'46"E - 1175.83	PI 910	S06°56'35"E - 964.66														
PI 904	223.99 76.80 145.29	PI 911	268.26 61.68 120.22														
PI 905	S32°43'11"W - 709.25		S18°57'18"W - 253.70														
PI 906	292.24 100.51 190.08		401.85 94.67 184.28														
PI 907	S05°14'21"E - 1272.10		S07°33'25"E - 446.06														
	463.03 152.61 289.67	912	S21°22'30"E - 479.73														
	S31°14'26"W - 2302.58	913															
	372.36 78.09 152.85		S07°18'08"E - 4128.18														
	S07°32'52"W - 4386.01																
	218.18 70.80 134.68																
	S43°50'08"W - 408.89		S20°59'15"E - 3952.91														

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



81-1
Chitina 801.15
1-12 81
10:20 A
81-1
Valdez 801.15
1-12 81
10:10 A

RECORDED - FILED
DATE: 1-11-80
TIME: 11:11 AM
APPROVED BY: A. J. JONES
ADDRESS: ...

RECORDED - FILED
DATE: 1-11-80
TIME: 11:11 AM
APPROVED BY: A. J. JONES
ADDRESS: ...

T16S-R10E-FM
T17S-R10E-FM

Date of Survey	Beginning	Ending	Name of Surveyor	Richard C. Davis	License No.	1637-5
Drawn by	Approved	R.C.D.	Scale	1" = 1000'		
Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.16S., R.10E., & T.17S., R.10E., F.M., ALASKA						
UNITED STATES DEPARTMENT OF THE INTERIOR			STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA			
Approval Recommended	Name	Title		Approval Recommended	Name	Title
	James J. Jones	Chief, Division of Coastal Survey Bureau of Land Management			Ed. J. Best	Chief Cadastral Surveyor 11/24/80
Approved	Name	Title		Approved	Name	Title
		Authorized Officer				Authorized Officer
File No.					File No.	102-10

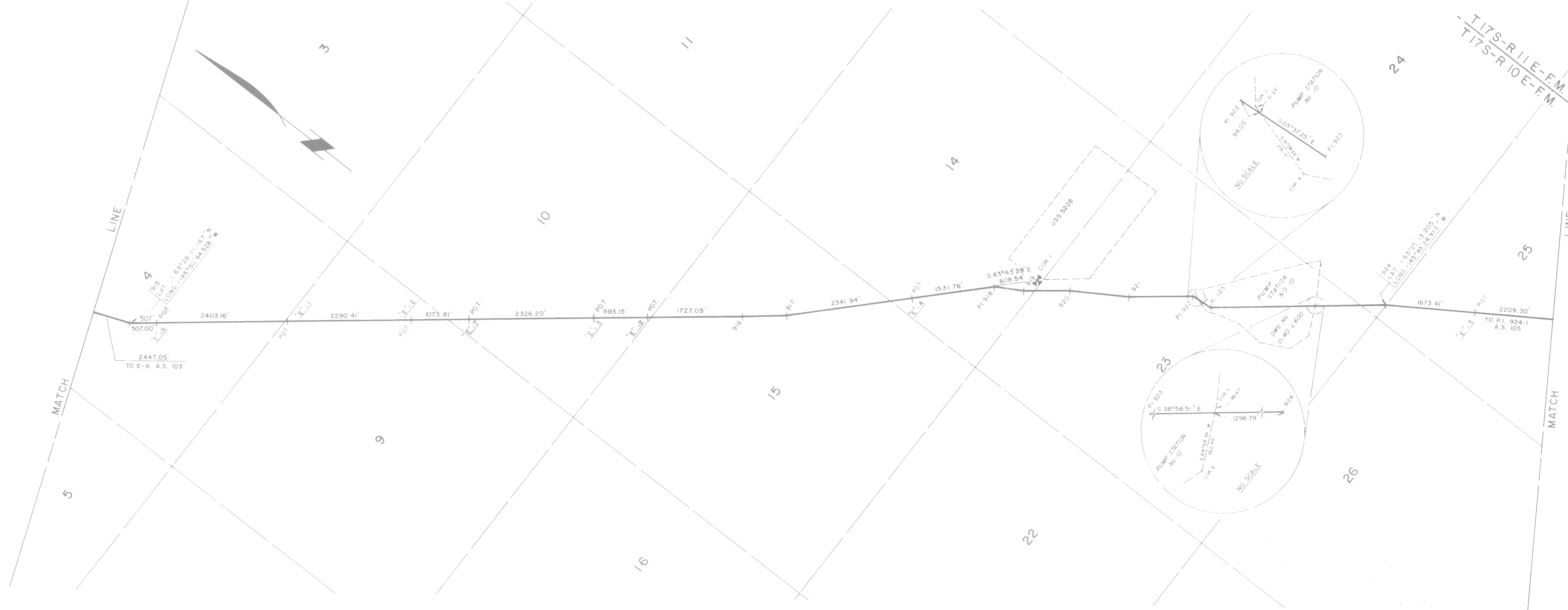
AL-00-G101 SHEET 103 OF 143 ER-

ALYESKA PIPELINE SERVICE CO., AGENT	Approval Recommended
TRANS ALASKA PIPELINE SYSTEM	Name
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE	Title
Approval Recommended	Name
Approval	Title

POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE			
	RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD
914	S 20° 59' 15" E		3952.91'	PI 922	S 03° 37' 25" E	75.98'	14.10'																
915	S 38° 57' 53" E		11,320.78'	PI 923	S 38° 56' 51" E	77.87'	148.39'																
916	S 38° 51' 40" E		811.49'	924	S 32° 52' 47" E		3882.71'																
917	S 45° 51' 44" E		3873.70'	924-1																			
PI 918	S 29° 24' 13" E		546.49'																				
919	S 38° 20' 07" E		850.84'																				
920	S 31° 38' 03" E		1098.84'																				
921	S 38° 39' 51" E		1186.94'																				

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



11-1
RECOMMENDED - FILED
DATE: 1-1-80
BY: [Signature]
TITLE: [Title]
APPROVED BY: [Signature]

11-1
RECOMMENDED - FILED
DATE: 1-1-80
BY: [Signature]
TITLE: [Title]
APPROVED BY: [Signature]

11-1
RECOMMENDED - FILED
DATE: 1-1-80
BY: [Signature]
TITLE: [Title]
APPROVED BY: [Signature]

81-1
Chitina 80.15
1-12 81
10:20 A
[Signature]
[Title]
[Address]

81-1
Chitina 80.15
1-12 81
10:10 A
[Signature]
[Title]
[Address]

AL-00-G101 SHEET 104 OF 143

ER-

ALYESKA PIPELINE SERVICE CO., AGENT
TRANS ALASKA PIPELINE SYSTEM
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE
Approval Recommended [Signature]
Approval [Signature]

Date of Survey	Beginning Feb., 1977	Ending Oct., 1980	Name of Surveyor	OCEAN TECHNOLOGY LTD. DBA F.M. LINDSEY & ASSOC.
Drawn by	C.J.R.	Approved	R.C.D.	Scale 1" = 1000'
Description A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T17S, R 10E., F.M., ALASKA				
UNITED STATES DEPARTMENT OF THE INTERIOR		STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA		
Approval Recommended	[Signature]	Approval Recommended	[Signature]	11/26/80
Name	Thomas J. [Signature]	Name	W. [Signature]	Chief Cadastral Surveyor
Title	Chief, Division of Cadastral Survey Bureau of Land Management	Title		
Approved	[Signature]	Approved	[Signature]	
Name		Name		
Title	Authorized Officer	Title	Authorized Officer	
File No.		File No.	102-10	

POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	
924	S 32° 52' 47" E - 3882.71'	925-3	S 02° 17' 11" W - 420.21'	926	S 22° 11' 09" E - 305.67'	926-8	S 22° 09' 44" E - 898.63'	927-6	S 06° 45' 39" W - 660.01'	928-3	S 07° 44' 32" E - 549.28'	P. 930	913.34' 88.73' 176.63'	P. 930A	S 11° 47' 23" W - 1966.82'							
924-1	S 45° 23' 50" E - 179.83'	925-4	S 10° 11' 49" E - 483.35'	926-1	S 34° 56' 44" E - 179.89'	926-9	S 17° 43' 53" E - 60.02'	927-7	S 05° 43' 18" E - 420.18'	928-4	S 04° 44' 42" W - 420.20'	P. 931	S 15° 10' 30" W - 1537.95'									
924-2	S 32° 51' 14" E - 191.35'	925-5	S 22° 45' 07" E - 419.61'	926-2	S 22° 11' 29" E - 196.83'	926-10	S 07° 47' 30" E - 59.75'	927-8	S 06° 47' 16" W - 599.63'	928-5	S 07° 43' 57" E - 609.05'	P. 932	470.30' 70.80' 140.03'									
924-3	S 20° 25' 53" E - 180.38'	925-6	S 10° 12' 35" E - 960.16'	926-3	S 09° 39' 00" E - 180.19'	927-1	S 01° 55' 29" W - 59.93'	927-9	S 19° 15' 11" W - 419.95'	928-6	S 20° 13' 17" E - 180.31'		S 01° 56' 58" E - 565.99'									
924-4	S 32° 53' 14" E - 363.53'	925-7	S 22° 42' 22" E - 420.17'	926-4	S 22° 08' 31" E - 359.22'	927-2	S 06° 47' 30" W - 1001.56'	927-10	S 06° 47' 32" W - 480.15'	928-7	S 07° 44' 19" E - 179.75'	932A	653.04' 100.58' 198.81'									
924-5	S 27° 00' 22" E - 60.20'	925-8	S 10° 13' 19" E - 955.86'	926-5	S 34° 43' 02" E - 179.51'	927-3	S 05° 44' 49" E - 180.23'	927-11	S 00° 41' 23" E - 59.83'	928-8	S 04° 44' 04" W - 179.99'		S 15° 33' 38" W - 1852.89'									
925-1	S 16° 02' 20" E - 60.04'	925-9	S 02° 22' 22" W - 416.37'	926-6	S 22° 09' 31" E - 179.42'	927-4	S 06° 47' 30" W - 179.02'	928-1	S 07° 47' 57" E - 60.01'	928-9	S 07° 43' 43" E - 3429.64'											
925-2	S 10° 12' 50" E - 544.27'	925-10	S 10° 12' 22" E - 58.77'	926-7	S 09° 38' 55" E - 180.25'	927-5	S 19° 17' 42" W - 180.07'	929	S 20° 14' 02" E - 420.09'		S 00° 41' 35" W - 4033.30'											

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



RECORDED - FILED
 DATE: 1-1-81
 TIME: 1:15
 BY: [Signature]
 Address: [Address]

Date of Survey: Beginning Feb. 1977 Ending Oct. 1980
 Name of Surveyor: OCEAN TECHNOLOGY LTD. DBA F.M. LINDSEY & ASSOC.
 Drawn by: C.F.G. Approved: R.C.D. Scale: 1" = 1000'

Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T. 17 S., R. 10 E., & T. 18 S., R. 10 E., F.M., ALASKA

UNITED STATES DEPARTMENT OF THE INTERIOR
 STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA

AL-00-G101 SHEET 105 OF 143		ER-	
ALYESKA PIPELINE SERVICE CO., AGENT		TRANS ALASKA PIPELINE SYSTEM	
PRUDHOE BAY TO VALDEZ		48" OIL PIPELINE	
Approval Recommended	[Signature]	Approval	[Signature]
Approved	[Signature]	Approved	[Signature]
Title	[Title]	Title	[Title]
Approval	[Signature]	Approval	[Signature]
Approved	[Signature]	Approved	[Signature]
Title	[Title]	Title	[Title]
Approval	[Signature]	Approval	[Signature]
Approved	[Signature]	Approved	[Signature]
Title	[Title]	Title	[Title]

Approval Recommended: [Signature]
 Name: [Name]
 Title: Chief, Division of Cadastral Survey, Bureau of Land Management

Approval Recommended: [Signature]
 Name: [Name]
 Title: Chief Cadastral Surveyor

Approval Recommended: [Signature]
 Name: [Name]
 Title: Acting Authorized Officer

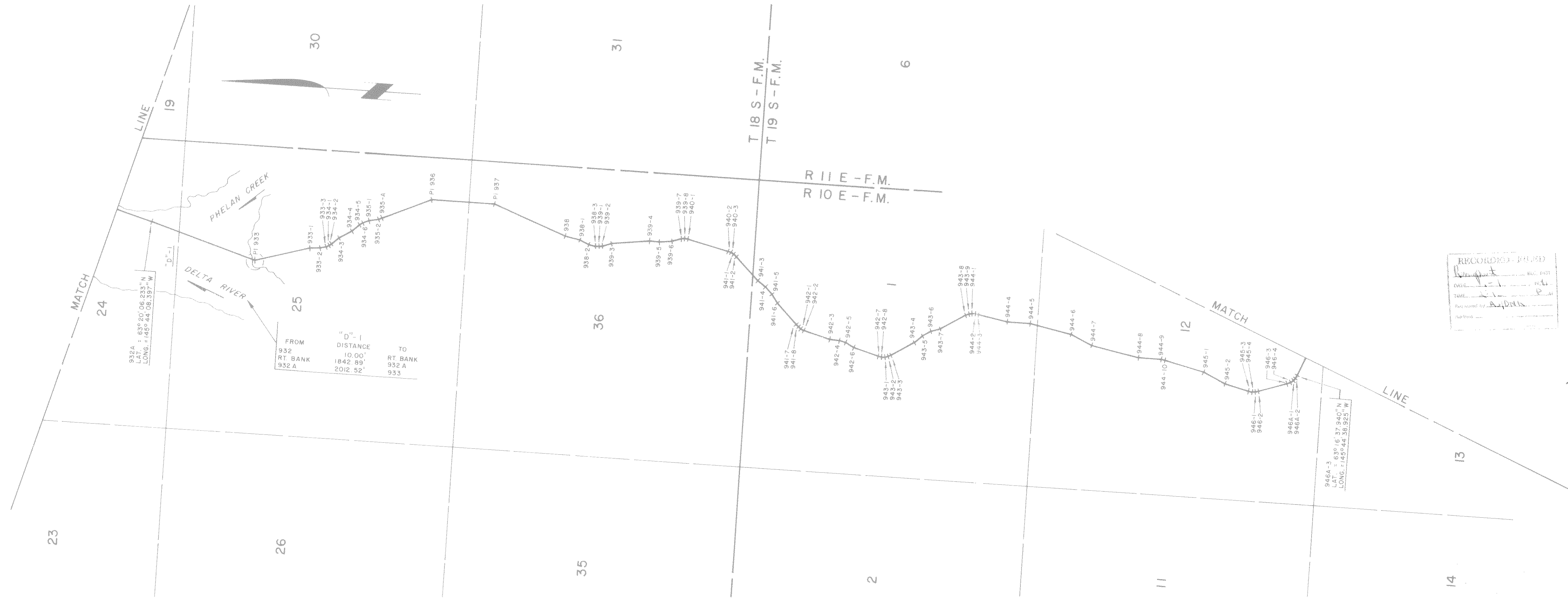
Approval Recommended: [Signature]
 Name: [Name]
 Title: Authorized Officer

File No. 102 - 10

POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD
932	S 15° 33' 38" W - 1852.89'	934-3	S 31° 53' 42" E - 281.13'	PI 937	S 46° 19' 12" W - 1433.45'	939-4	S 04° 33' 19" W - 180.00'	941-1	S 39° 40' 40" W - 59.93'	942-1	S 20° 27' 44" W - 59.80'	943-1	S 14° 13' 51" E - 59.96'	943-9	S 15° 41' 17" E - 60.34'	944-8	S 00° 57' 51" E - 420.18'	946-2	S 16° 10' 30" E - 549.20'
932A	S 16° 52' 58" W - 2012.52'	934-4	S 44° 25' 43" E - 178.01'	938	S 20° 17' 12" W - 1433.45'	939-5	S 07° 55' 55" E - 237.38'	941-2	S 44° 52' 27" W - 595.35'	942-2	S 15° 31' 01" W - 491.51'	943-2	S 26° 02' 32" E - 60.08'	944-1	S 04° 44' 45" E - 59.81'	944-9	S 11° 30' 41" W - 59.96'	946-3	S 24° 40' 27" E - 60.09'
PI 933	S 16° 36' 46" E - 1038.85'	934-5	S 32° 08' 35" E - 59.82'	938-1	S 11° 15' 23" W - 287.68'	939-6	S 20° 30' 23" E - 179.66'	941-3	S 32° 20' 36" W - 179.76'	942-3	S 03° 02' 42" W - 179.95'	943-3	S 31° 59' 13" E - 487.06'	944-2	S 06° 01' 21" W - 60.27'	944-10	S 13° 11' 32" W - 765.29'	946-4	S 36° 59' 29" E - 59.34'
933-1	S 03° 30' 42" E - 178.78'	934-6	S 24° 02' 13" E - 123.22'	938-2	S 23° 47' 27" W - 179.42'	939-7	S 08° 04' 49" E - 59.72'	941-4	S 44° 52' 54" W - 180.79'	942-4	S 15° 29' 46" W - 124.35'	943-4	S 44° 27' 18" E - 180.02'	944-3	S 11° 33' 42" W - 543.86'	945-1	S 25° 40' 32" W - 420.42'	946A-1	S 49° 05' 15" E - 59.85'
933-2	S 16° 16' 00" E - 115.59'	935-1	S 11° 33' 16" E - 179.64'	938-3	S 01° 57' 13" W - 58.76'	939-8	S 02° 52' 59" W - 59.60'	941-5	S 57° 23' 11" W - 179.13'	942-5	S 28° 02' 22" W - 180.00'	943-5	S 31° 58' 23" E - 182.69'	944-4	S 00° 58' 05" E - 420.27'	945-2	S 13° 12' 25" W - 467.35'	946A-2	S 61° 39' 07" E - 60.28'
933-3	S 24° 11' 07" E - 54.24'	935-2	S 24° 06' 34" E - 63.80'	939-1	S 08° 06' 50" E - 60.33'	940-1	S 13° 31' 22" W - 774.49'	941-6	S 44° 52' 55" W - 536.96'	942-6	S 15° 34' 50" W - 477.92'	943-6	S 19° 27' 03" E - 179.68'	944-5	S 11° 32' 26" W - 782.44'	945-3	S 07° 52' 42" W - 60.01'	946A-3	S 67° 38' 26" E - 940.08'
934-1	S 32° 01' 20" E - 54.70'	935A	S 24° 06' 32" E - 970.82'	939-2	S 20° 31' 02" E - 178.96'	940-2	S 16° 49' 04" W - 59.70'	941-7	S 39° 51' 24" W - 59.49'	942-7	S 09° 15' 45" W - 59.74'	943-7	S 31° 59' 19" E - 536.80'	944-6	S 24° 00' 24" W - 420.12'	945-4	S 02° 41' 16" E - 59.20'	946A-4	S 80° 31' 47" E - 407.20'
934-2	S 44° 37' 14" E - 177.42'	PI 936	S 00° 31' 47" E - 1158.00'	939-3	S 07° 57' 22" E - 698.73'	940-3	S 29° 08' 41" W - 60.06'	941-8	S 30° 14' 46" W - 60.40'	942-8	S 02° 13' 44" E - 60.19'	943-8	S 26° 30' 41" E - 60.30'	944-7	S 11° 32' 03" W - 895.70'	946-1	S 12° 59' 08" E - 59.86'		

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



RECORDED & RETURNED
 RECEIVED - RECORD
 RECEIVED - RECORD

81-1
 Christina
 1-12 81
 10:20 A
 81-1
 Valdey
 1-12 81
 10:10 A

Date of Survey	Beginning Feb., 1977	Ending Oct., 1980	Name of Surveyor	OCEAN TECHNOLOGY LTD. DBA F.M. LINDSEY & ASSOC.
Drawn by	C.F.G.	Approved	R.C.D.	Scale 1" = 1000'
Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.18 S., R.10 E., & T.19 S., R.10 E., F.M., ALASKA				
UNITED STATES DEPARTMENT OF THE INTERIOR		STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA		
Approval Recommended	Name	Approval Recommended	Name	
	Chief, Division of Cadastral Survey		Chief Cadastral Surveyor	11/26/80
Approval Recommended	Name	Approval	Name	
	Authorized Officer		Authorized Officer	
Approval	Name	File No.	File No.	
	J.C. Harte		102-11	

AL-00-G101 SHEET 106 OF 143 ER-

ALYESKA PIPELINE SERVICE CO., AGENT
TRANS ALASKA PIPELINE SYSTEM
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE
Approval Recommended M. J. Smith
Approval J.C. Harte

POINT I.D.	BEARING OR DISTANCE	POINT I.D.	BEARING OR DISTANCE	POINT I.D.	BEARING OR DISTANCE	POINT I.D.	BEARING OR DISTANCE	POINT I.D.	BEARING OR DISTANCE	POINT I.D.	BEARING OR DISTANCE	POINT I.D.	BEARING OR DISTANCE	POINT I.D.	BEARING OR DISTANCE	POINT I.D.	BEARING OR DISTANCE
	RADIUS TANGENT L CHORD		RADIUS TANGENT L CHORD		RADIUS TANGENT L CHORD		RADIUS TANGENT L CHORD		RADIUS TANGENT L CHORD		RADIUS TANGENT L CHORD		RADIUS TANGENT L CHORD		RADIUS TANGENT L CHORD		RADIUS TANGENT L CHORD
946A-3	S 67° 38' 26" E - 940.06'	947-5	S 49° 45' 26" E - 1286.58'	949-2	S 36° 31' 59" E - 581.04'	950-7	S 30° 32' 12" E - 176.32'										
946A-4	S 80° 31' 47" E - 407.20'	947-6	S 43° 55' 48" E - 62.72'	949-3	S 43° 28' 00" E - 59.76'	950-8	S 43° 26' 32" E - 297.24'										
946A-5	S 67° 35' 20" E - 57.31'	947-7	S 33° 06' 49" E - 62.59'	950-1	S 55° 53' 54" E - 420.28'	950-9	S 56° 03' 46" E - 176.94'										
946A-6	S 58° 46' 32" E - 59.56'	948-1	S 27° 20' 00" E - 1046.23'	950-2	S 43° 27' 22" E - 379.25'	950-10	S 43° 18' 48" E - 2969.13'										
947-1	S 49° 45' 06" E - 651.28'	948-2	S 14° 51' 22" E - 419.39'	950-3	S 56° 27' 09" E - 404.23'	951	S 30° 59' 33" E - 4685.29'										
947-2	S 37° 16' 14" E - 420.34'	948-3	S 27° 17' 30" E - 59.80'	950-4	S 43° 22' 35" E - 441.66'	952	S 21° 53' 09" E - 3570.86'										
947-3	S 49° 46' 16" E - 713.67'	949	S 36° 32' 20" E - 585.56'	950-5	S 30° 33' 48" E - 409.36'	953	S 28° 18' 56" E - 4253.83'										
947-4	S 62° 14' 01" E - 420.02'	949-1	S 24° 03' 30" E - 420.10'	950-6	S 43° 27' 04" E - 464.32'	953-1											

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



RECORDED - FILED
 DATE: 1-11-81
 TIME: 11:30 A.M.
 Requested by: A. J. Duda
 Address: [illegible]

RECORDED - FILED
 DATE: 1-11-81
 TIME: 11:30 A.M.
 Requested by: A. J. Duda
 Address: [illegible]

RECORDED - FILED
 DATE: 1-11-81
 TIME: 11:30 A.M.
 Requested by: A. J. Duda
 Address: [illegible]

81-1
 Chitina 80.15
 1-12 81
 10:20 A
 [illegible signature]
 [illegible text]

81-1
 Chitina 80.15
 1-12 81
 10:10 A
 [illegible signature]
 [illegible text]

RECORDED - FILED
 DATE: 1-11-81
 TIME: 11:30 A.M.
 Requested by: A. J. Duda
 Address: [illegible]

Date of Survey	Feb, 1977	Ending	Oct., 1980	Name of Surveyor	OCEAN TECHNOLOGY LTD. DBA F.M. LINDSEY & ASSOC.
Drawn by	R.H.M.	Approved	R.C.D.	Scale	1" = 1000'
Description A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T. 19S., R. 10E., & T. 19S., R. 11E., F.M., ALASKA					
UNITED STATES DEPARTMENT OF THE INTERIOR			STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA		
Approval Recommended Name: <i>Anna J. Jepsen</i> Title: Chief, Division of Coastal Survey, Bureau of Land Management			Approval Recommended Name: <i>[Signature]</i> 11/26/80 Title: Chief Cadastral Surveyor		
Approved Name: <i>[Signature]</i> Title: Authorized Officer			Approved Name: <i>[Signature]</i> Title: Authorized Officer		
File No.			File No. 102 - II		

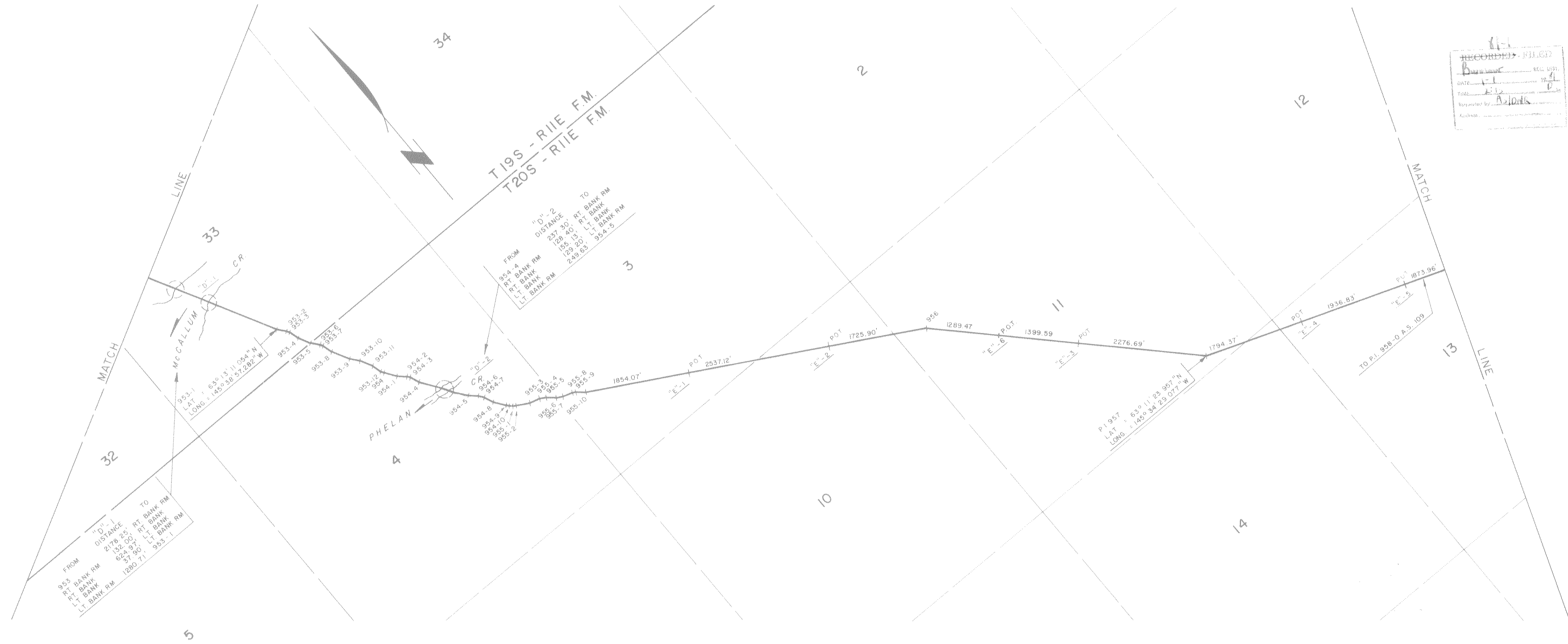
AL-00-GIOI SHEET 107 OF 143 ER-

ALYESKA PIPELINE SERVICE CO., AGENT
TRANS ALASKA PIPELINE SYSTEM
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE
Approval Recommended <i>[Signature]</i>
Approval <i>[Signature]</i>

POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE	POINT I.D.	BEARING	DISTANCE
	RADIUS	TANGENT		RADIUS	TANGENT		RADIUS	TANGENT		RADIUS	TANGENT		RADIUS	TANGENT		RADIUS	TANGENT		RADIUS	TANGENT
953	S 28° 18' 56" E	4253.83'	953-8	S 28° 18' 45" E	345.28'	954-3	S 22° 33' 22" E	180.60'	955-1	S 56° 42' 21" E	59.91'	955-9	S 48° 20' 53" E	179.93'						
953-1	S 40° 48' 47" E	180.05'	953-9	S 40° 43' 55" E	180.42'	954-4	S 35° 05' 44" E	899.66'	955-2	S 60° 50' 34" E	246.20'	955-10	S 60° 49' 48" E	6117.09'						
953-2	S 28° 19' 19" E	58.81'	953-10	S 28° 20' 43" E	239.46'	954-5	S 47° 33' 08" E	180.20'	955-3	S 73° 21' 08" E	179.90'	956	S 44° 28' 41" E	4965.75'						
953-3	S 15° 49' 52" E	179.47'	953-11	S 15° 47' 26" E	180.22'	954-6	S 35° 05' 21" E	104.59'	955-4	S 60° 47' 44" E	126.79'	PI 957	318.44' 71.37' 39.28'							
953-4	S 28° 18' 34" E	233.06'	953-12	S 28° 19' 40" E	59.87'	954-7	S 22° 37' 16" E	180.16'	955-5	S 48° 21' 15" E	179.97'	958	S 69° 43' 13" E	5605.16'						
953-5	S 40° 48' 43" E	180.41'	954	S 35° 05' 34" E	234.52'	954-8	S 35° 01' 16" E	232.22'	955-6	S 60° 48' 58" E	119.78'									
953-6	S 28° 19' 11" E	52.48'	954-1	S 47° 35' 11" E	180.65'	954-9	S 39° 19' 54" E	59.93'	955-7	S 73° 21' 35" E	180.13'									
953-7	S 15° 49' 34" E	179.97'	954-2	S 34° 50' 59" E	54.14'	954-10	S 48° 05' 09" E	60.25'	955-8	S 60° 49' 26" E	59.93'									

PI - POINT OF INTERSECTION OF TANGENTS OF PIPELINE CENTERLINE CURVE

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



RECORDED - FILED
 DATE: 1-1-81
 TIME: 1:00 P.M.
 Requested by: A. Jones
 Author: [Signature]

RECORDED - FILED
 DATE: 1-1-81
 TIME: 1:00 P.M.
 Requested by: A. Jones
 Author: [Signature]

RECORDED - FILED
 DATE: 1-1-81
 TIME: 1:00 P.M.
 Requested by: A. Jones
 Author: [Signature]

81-1
 Chitman 80.15
 1-12 81
 10:30 A
 [Signature]
 Anchorage, Alaska
 94501

81-1
 Valdey 80.15
 1-12 81
 10:10 A
 [Signature]
 Anchorage, Alaska
 94501

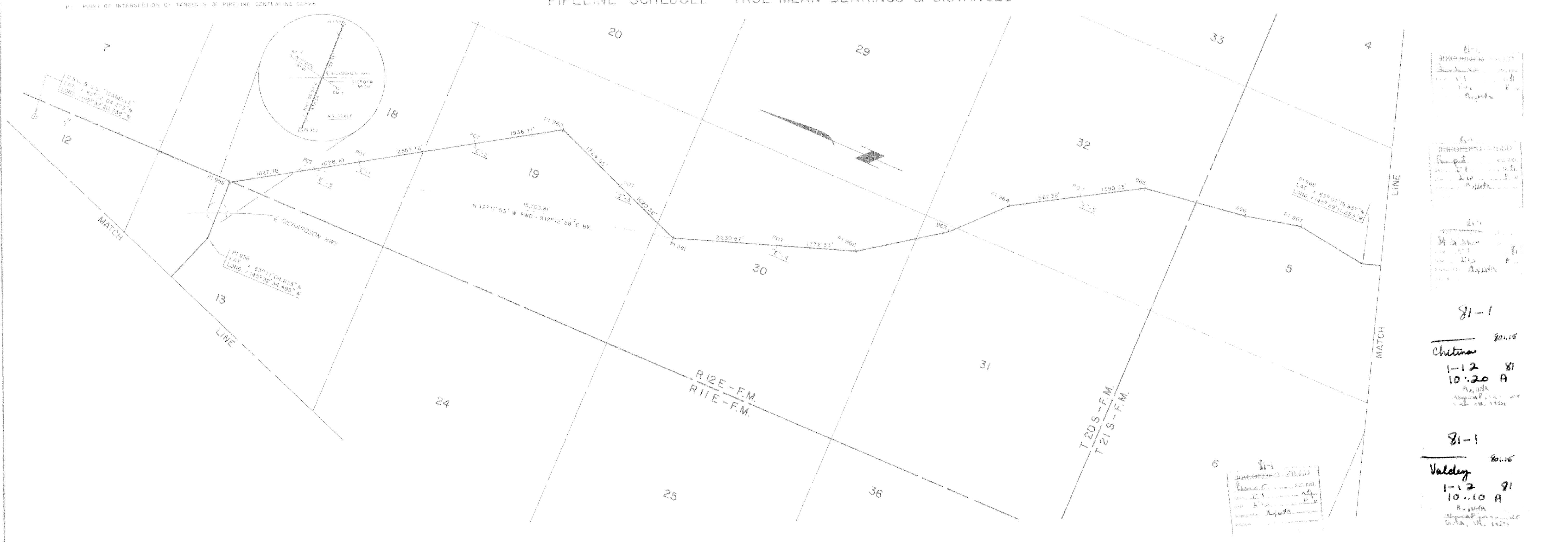
Date of Survey	Beginning	Ending	Name of Surveyor	OCEAN TECHNOLOGY LTD. DBA F.M. LINDSEY & ASSOC.
Feb, 1977	Feb, 1977	Oct, 1980	RICHARD C. DAVIS	Lic. No. 1637-S
Drawn by	Approved	RCD	Scale	1" = 1000'
Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T. 19 S., R. 11 E., & T. 20 S., R. 11 E., F.M., ALASKA				
UNITED STATES DEPARTMENT OF THE INTERIOR		STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA		
Approval Recommended	Name	Approval Recommended	Name	11/24/80
[Signature]	Chief, Division of Geographical Survey Bureau of Land Management	[Signature]	Chief, Coastal Survey	
Approved	Name	Approved	Name	
[Signature]	Authorized Officer	[Signature]	Authorized Officer	
File No.		File No.	102 - 81	

AL-00-GIOI SHEET 108 OF 143 ER-

ALYESKA PIPELINE SERVICE CO., AGENT	TRANS ALASKA PIPELINE SYSTEM
PRUDHOE BAY TO VALDEZ	48" OIL PIPELINE
Approval Recommended	[Signature]
Approval	J.C. Harle

POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE			POINT I.D.	BEARING & DISTANCE							
	RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD		RADIUS	TANGENT	CHORD					
957	S 69°43'13"E	-	5605.16'	965	S 07°39'19"E	-	2253.71'																									
PI 958	357.25'	66.85'	131.41'	966	S 13°17'12"E	-	1226.47'																									
PI 959	N 69°06'04"E	-	1287.87'	PI 967	359.33'	68.66'	134.87'																									
PI 960	S 32°10'09"E	-	7349.15'	PI 968	S 08°20'49"W	-	1564.54'																									
PI 961	741.57'	375.83'	670.47'	PI 969	274.51'	63.28'	123.33'																									
PI 962	S 21°35'26"W	-	3344.37'		S 17°36'56"E	-	1739.07'																									
PI 963	225.61'	83.63'	150.82'																													
PI 964	S 19°05'07"E	-	3963.02'																													
PI 965	481.19'	67.42'	133.53'																													
PI 966	S 35°01'46"E	-	2050.27'																													
PI 967	S 46°12'59"E	-	1435.48'																													
PI 968	610.36'	84.34'	167.09'																													
PI 969	S 30°28'28"E	-	2957.91'																													

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



81-1
 RECEIVED
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 A. J. J. J.
 1-12-80

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 A. J. J. J.
 1-12-80

AL-00-G101 SHEET 109 OF 143

ER-

No.	DATE	REVISION	BY	CHKD	APP

ALYESKA PIPELINE SERVICE CO., AGENT
 TRANS ALASKA PIPELINE SYSTEM
 PRUDHOE BAY TO VALDEZ
 48" OIL PIPELINE

Approval Recommended: *[Signature]*
 Name: *[Signature]*
 Title: Chief, Division of Cadastral Survey, Bureau of Land Management

Approval Recommended: *[Signature]*
 Name: *[Signature]*
 Title: Authorized Officer

Approval: *[Signature]*
 Name: *[Signature]*
 Title: *[Signature]*

Approval Recommended: *[Signature]*
 Name: *[Signature]*
 Title: Chief Cadastral Surveyor

Approval: *[Signature]*
 Name: *[Signature]*
 Title: Authorized Officer

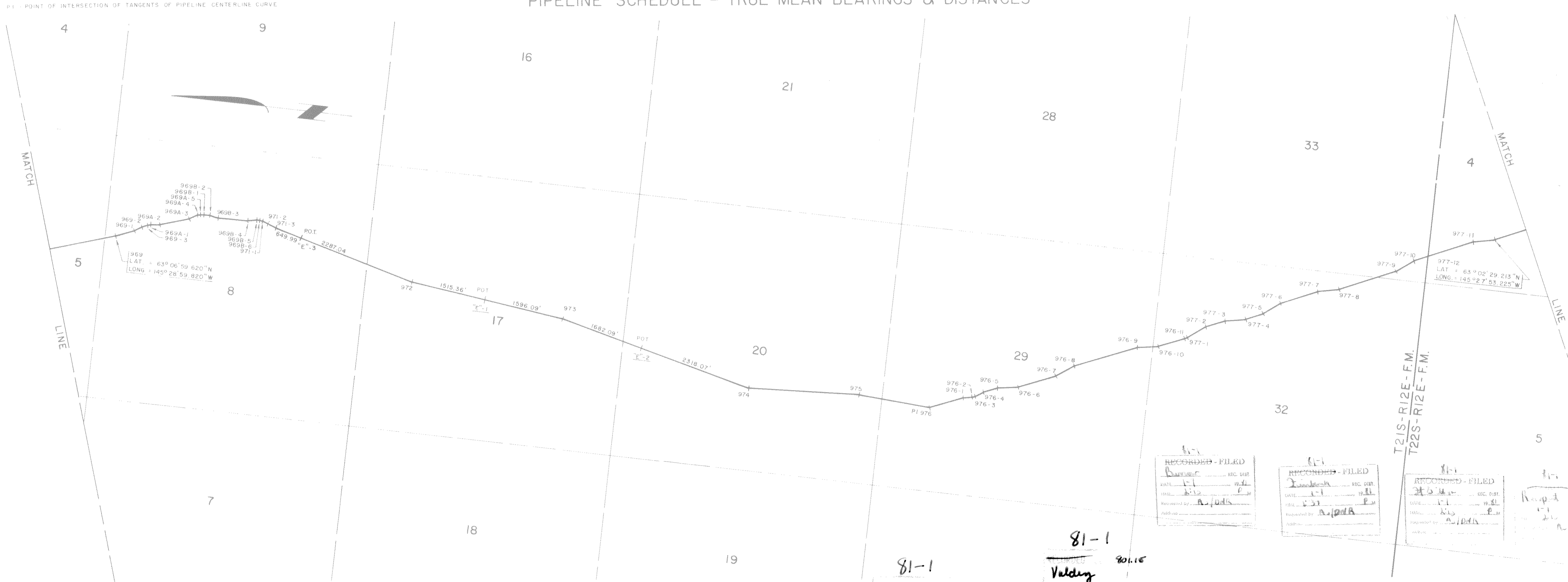
File No. 102-11

FILE No. 1 - Dr. O

FILE No. 1 - Dr. O

POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD
968	S 17°36'56"E - 1739.07'	969A-4	S 17°33'43"E - 59.85'	971-1	S 15°03'53"W - 120.45'	976-1	S 10°03'24"E - 173.03'	976-9	S 09°56'11"E - 413.31'	977-6	S 24°16'33"E - 779.08'								
969	S 21°57'15"E - 388.29'	969A-5	S 09°16'50"E - 60.09'	971-2	S 27°32'03"W - 177.52'	976-2	S 21°11'29"E - 66.02'	976-10	S 22°24'46"E - 552.45'	977-7	S 11°45'56"E - 419.34'								
969-1	S 34°31'48"E - 180.43'	969B-1	S 00°59'57"E - 119.81'	971-3	S 14°56'03"W - 2937.03'	976-3	S 35°01'44"E - 180.20'	976-11	S 24°23'23"E - 59.85'	977-8	S 24°15'50"E - 1199.42'								
969-2	S 22°07'57"E - 119.82'	969B-2	S 11°32'15"W - 180.06'	972	S 07°07'46"W - 3111.45'	976-4	S 22°30'27"E - 298.93'	977-1	S 36°45'38"E - 420.07'	977-9	S 36°46'24"E - 419.97'								
969-3	S 17°30'55"E - 60.66'	969B-3	S 00°57'33"E - 600.30'	973	S 13°56'28"W - 4000.16'	976-5	S 10°02'45"E - 420.16'	977-2	S 24°15'32"E - 409.37'	977-10	S 24°15'39"E - 1257.51'								
969A-1	S 05°11'44"E - 180.05'	969B-4	S 13°32'53"E - 180.37'	974	S 03°17'02"E - 2195.99'	976-6	S 22°31'11"E - 775.66'	977-3	S 11°47'12"E - 419.95'	977-11	S 11°46'50"E - 419.81'								
969A-2	S 17°39'33"E - 602.51'	969B-5	S 00°51'21"E - 59.47'	975	S 03°32'28"W - 1456.24'	976-7	S 35°02'51"E - 419.44'	977-4	S 24°15'47"E - 351.96'	977-12	S 24°15'43"E - 1255.14'								
969A-3	S 30°12'30"E - 180.72'	969B-6	S 06°43'59"W - 60.27'	PI 976	S 22°30'56"E - 685.94'	976-8	S 22°31'01"E - 1327.08'	977-5	S 36°48'00"E - 419.92'	977-13									

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



RECORDED - FILED
 DATE: 1-11-80
 BY: A. J. Davis

RECORDED - FILED
 DATE: 1-11-80
 BY: A. J. Davis

RECORDED - FILED
 DATE: 1-11-80
 BY: A. J. Davis

81-1
 Valdez 801.15
 1-12 81
 10:20 A
 R. J. Davis
 Alaska Pipeline Service
 Anchorage, Alaska 99504

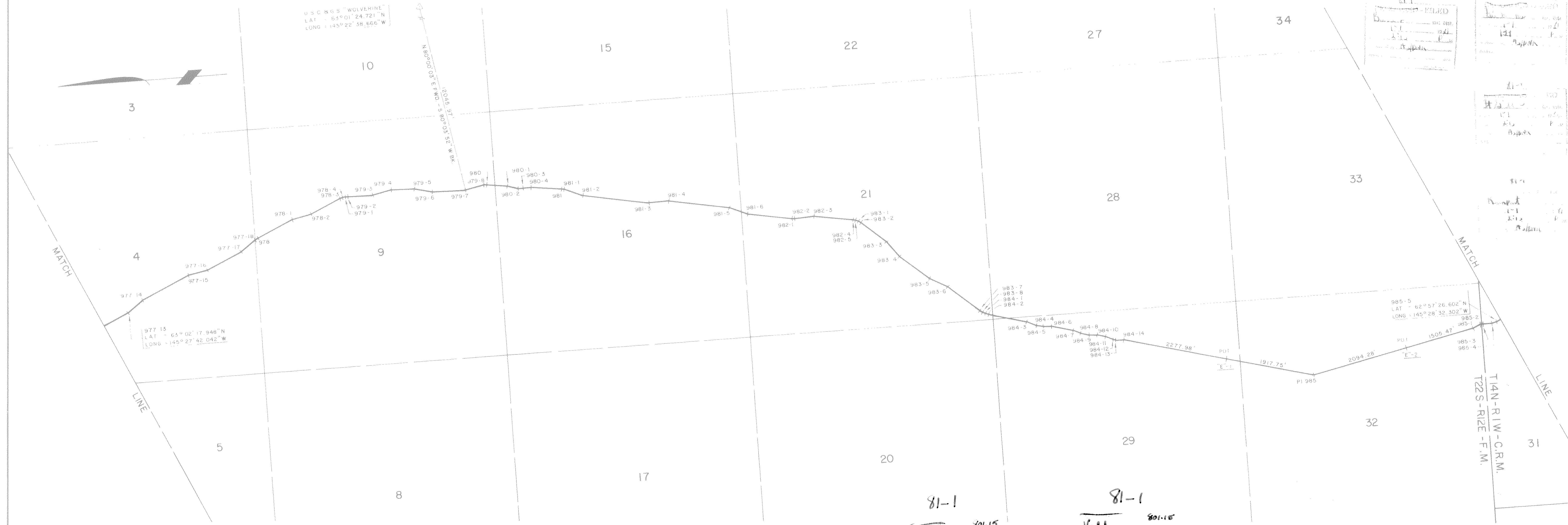
Date of Survey	Name of Surveyor	
Beginning Feb, 1977 Ending Oct, 1980	OCEAN TECHNOLOGY LTD. 984 F.M. LINSEY & ASSOC. RICHARD C. DAVIS Lic. No. 1637-5	
Drawn by A.D.A.	Approved R.C.D.	Scale 1" = 1000'
Description A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.21S., R.12E., & T.22S., R.12E., F.M., ALASKA		
UNITED STATES DEPARTMENT OF THE INTERIOR	STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA	
Approval Recommended Name: <i>William J. [Signature]</i> Title: Chief, Division of Geospatial Survey, Bureau of Land Management	Approval Recommended Name: <i>[Signature]</i> 11/26/80 Title: Chief Cadastral Surveyor	
Approved Name: <i>[Signature]</i> Title: Authorized Officer NOV 24 1980	Approved Name: <i>[Signature]</i> Title: Authorized Officer	
File No.	File No. 102-11	

AL-00-GIOI SHEET 110 OF 143 ER-

ALYESKA PIPELINE SERVICE CO., AGENT	
TRANS ALASKA PIPELINE SYSTEM	
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE	
Approval Recommended <i>[Signature]</i>	Approval <i>[Signature]</i>

POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD	POINT I.D.	BEARING & DISTANCE RADIUS TANGENT L. CHORD
977-12	S24°15'43"E - 1255.14'	978-1	S11°38'35"E - 417.03'	979-5	S14°07'26"W - 402.30'	980-4	S07°08'48"W - 658.35'	982-1	S08°55'13"W - 54.48'	983-9	S40°32'22"W - 810.06'	984-4	S14°46'26"W - 182.53'	984-12	S14°51'26"W - 59.88'	984-5	S24°40'44"E - 179.53'
977-13	S38°47'01"E - 420.08'	978-2	S24°15'09"E - 717.66'	979-6	S01°02'15"W - 715.28'	981	S10°35'57"W - 59.60'	982-2	S03°32'30"E - 420.29'	983-5	S28°03'38"W - 419.90'	984-5	S02°14'10"W - 180.80'	984-13	S02°14'47"W - 180.49'	985-6	
977-14	S24°15'50"E - 1135.52'	978-3	S19°59'32"E - 59.73'	979-7	S11°27'36"E - 419.85'	981-1	S23°00'24"W - 418.87'	982-3	S08°56'25"W - 855.63'	983-6	S40°33'10"W - 839.64'	984-6	S14°45'56"W - 478.17'	984-14	S14°44'07"W - 4195.73'		
977-15	S11°46'33"E - 419.92'	978-4	S11°34'20"E - 59.62'	979-8	S00°59'57"W - 59.86'	981-2	S10°31'40"W - 1451.86'	982-4	S14°15'14"W - 59.71'	983-7	S36°10'24"W - 59.86'	984-7	S27°15'09"W - 180.04'	Pt 985	291.43' 69.62' 135.42'		
977-16	S24°15'11"E - 857.55'	979-1	S03°04'56"E - 60.32'	980	S07°09'11"W - 447.34'	981-3	S01°58'55"E - 419.31'	982-5	S24°48'24"W - 60.46'	983-8	S27°39'12"W - 60.32'	984-8	S14°43'47"W - 179.45'	985-1	S24°33'30"E - 180.25'		
977-17	S36°49'53"E - 419.94'	979-2	S01°03'54"W - 537.58'	980-1	S19°36'27"W - 179.78'	981-4	S10°30'30"W - 1327.74'	983-1	S35°13'57"W - 59.57'	984-1	S19°01'53"W - 59.95'	984-9	S02°15'29"W - 180.03'	985-2	S12°22'57"E - 58.19'		
977-18	S23°56'34"E - 59.92'	979-3	S11°27'08"E - 420.33'	980-2	S07°11'07"W - 171.93'	981-5	S23°01'59"W - 419.82'	983-2	S40°33'43"W - 653.65'	984-2	S14°44'35"W - 858.60'	984-10	S14°44'50"W - 179.64'	985-3	S00°26'06"W - 179.87'		
978	S24°14'25"E - 857.50'	979-4	S01°01'50"W - 498.75'	980-3	S05°21'31"E - 180.27'	981-6	S10°31'18"W - 973.23'	983-3	S53°02'27"W - 420.17'	984-3	S27°14'47"W - 180.19'	984-11	S27°13'34"W - 179.77'	985-4	S12°07'12"E - 118.45'		

PIPELINE SCHEDULE - TRUE MEAN BEARINGS & DISTANCES



81-1
Christina 801.15
1-12 91
10-20 A
A. J. Davis
Valdey 801.15
1-12 91
10-10 A
A. J. Davis

AL-00-GIOI SHEET III OF 143

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ALYESKA PIPELINE SERVICE CO., AGENT
TRANS ALASKA PIPELINE SYSTEM
PRUDHOE BAY TO VALDEZ 48" OIL PIPELINE
Approval Recommended <i>M. J. Smith</i>
Approval <i>J. C. Harke</i>

Date of Survey	Feb, 1977	Ending	Oct, 1980	Name of Surveyor	OCEAN TECHNOLOGY LTD.	F.M. LINDSEY B ASSOC.
Drawn by	A.D.A.	Approved	R.C.D.	Scale	1" = 1000'	1637-S
Description: A PORTION OF THE TRANS ALASKA PIPELINE WITHIN T.22S., R.12E., F.M. & T.14N., R.1W., C.R.M., ALASKA						
UNITED STATES DEPARTMENT OF THE INTERIOR			STATE OF ALASKA DEPARTMENT OF NATURAL RESOURCES ANCHORAGE, ALASKA			
Approval Recommended	<i>Thomas J. Zupel</i>		Approval Recommended			
Name	Thomas J. Zupel		Name			
Title	Chief, Division of Cadastral Survey Bureau of Land Management		Title			
Approved	<i>M. J. Smith</i>		Approved			
Name	<i>M. J. Smith</i>		Name			
Title	Authorized Officer		Title			
File No.	102-II		File No.			