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RECORDS SERIES TITLE	Applied Science Division: Scientists' Papers - Papers of William E. Siri	
ACCESSION NO.	434-91-0131	COPY
FILE CODE NO.	19-14-18	
CARTON NO.	7	
FOLDER NAME	Dr. Leo Meyer (Marshall Island Natives)	
NOTES		
FOUND BY	Perry Hall	

R

404627

HOTEL
Mark Hopkins
SAN FRANCISCO

Monday

Will -

Enclosed are the data you asked for. Could you send me your results, and on calculations for T.D.W.? My address will be:

*Dr. Leo M. Meyer
Pacific Mounds Longs Facility
Kwajalein Hospital
Box #824 F.P.O.
San Francisco, Calif.*

AEC Med Team

Good to see your last report. Will be back in Sweden. Leo



*Mr. Will Siri
Lawrence Laboratory
Univ. of California
Berkeley, California.*

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Patent #	Htg. gm	Ht.	Obained RSC (cc)	Obained TBV (cc)	
821	14.0	4490	1402	3260	
832	14.0	37	849	2358	
836	14.8	45	1428	3320	
838	18.9	51	2108	4053	
841	12.8	36	1150	3196	
873	16.0	46	1670	3631	
881	15.6	47	1996	4247	3718
882	15.2	43	1131	3426	
885	16.0	46	1760	3825	
895	16.4	45	1070	2488	
916	13.6	36	1091	3031	
928	13.2	38	927	2505	
932	12.1	43	1274	2963	
938	14.0	39	886	2331	
942	13.2	39	860	2150	
959	14.4	40	1151	2877	
960	12.4	36	774	2150	24.9
1007	13.2	38	1620	4155	41.2
1043	13.2	40	1066	2664	26.4
1501	16.4	48	1843	3840	43.3
			1310	2625	39.8

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Dr. Meyer's Marshallese subjects

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subject #	Sex	Age	Ht(cm)	wt(kg)	TBW in L.	wt of fat kg	lean body wt kg	wt of fat %
822	M	16	160.	54.54	38.12	26.45	28.69	68.29
832	F	24	147.3	46.36	24.95	12.23	34.13	53.21
836	M	30	163.8	56.36	35.32	8.03	48.33	61.74
838	M	30	162.6	66.13	41.72	9.05	57.08	62.15
841	F	30	163.8	66.81	31.88	23.21	43.60	46.99
873	M	44	175.3	61.36	43.22	2.23	59.13	61.29
881	M	30	165.1	68.63	32.80	23.77	44.68	57.97
882	M	29	160.0	54.77	39.90	0.19	54.58	71.75
885	F	23	163.8	61.81	41.00	5.75	56.06	45.30
895	F	33	151.1	55.90	29.22	15.92	39.98	51.58
916	F	39	148.6	63.63	32.55	19.11	44.52	56.28
928	F	50	157.5	57.27	29.35	17.12	40.15	58.48
932	F	28	146.0	46.30	26.20	10.46	35.84	55.74
938	F	24	142.2	40.00	21.98	9.95	30.05	54.10
942	F	48	148.6	57.72	27.60	19.97	37.75	47.10
959	F	14	151.1	60.00	32.15	16.02	43.98	52.78
960	F	11	149.9	38.63	24.75	4.77	33.86	63.11
1007	M	52	163.8	71.36	41.22	14.97	56.39	56.90
1043	F	28	147.3	41.81	26.42	5.66	36.15	62.25
1501	M	30	162.6	66.81	* 43.32	* 7.54	* 59.27	43.68
	M	30	165.1	63.18	39.75	8.81	54.37	61.96

* Done by ratio method - all others done by internal standard method.

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Dr. Meyer's Marshallese subjects

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Subject #	Sex	Age	Ht (cm)	Wt (kg)	TBW in L.	wt of fat kg	lean body wt kg	water (kg) total body wt
822	M	16	160.	54.54	38.12	26.45	28.09	68.84
832	F	24	147.3	46.36	24.95	12.23	34.13	53.01
836	M	30	163.8	56.36	35.32	8.03	48.33	61.74
838	M	30	162.6	66.13	41.72	9.05	57.08	62.15
841	F	30	163.8	66.81	31.88	23.21	43.60	46.99
873	M	44	175.3	61.36	43.22	2.23	59.13	69.39
881	M	30	165.1	68.63	32.80	23.77	44.68	47.07
882	M	29	160.0	54.77	39.90	0.19	54.58	71.75
885	F	23	163.8	61.81	41.00	5.75	56.06	65.30
895	F	33	151.1	55.90	29.22	15.92	39.98	51.50
916	F	39	148.6	63.63	32.55	19.11	44.52	50.38
928	F	50	157.5	57.27	29.35	17.12	40.15	50.48
932	F	28	146.0	46.30	26.20	10.46	35.24	55.74
938	F	24	142.2	40.00	21.98	9.95	30.05	54.10
942	F	48	148.6	57.72	27.60	19.97	37.75	47.10
959	F	14	151.1	60.00	32.15	16.02	43.98	52.78
960	F	11	149.9	38.63	24.75	4.77	33.26	63.11
1007	M	52	163.8	71.36	41.22	14.97	56.39	56.90
1043	F	28	147.3	41.81	26.42	5.66	36.15	62.25
1501	M	30	162.6	66.81	* 43.32	* 7.54	* 59.27	* 42.68
	M	30	165.1	63.18	39.75	8.81	54.37	61.96

* Done by ratio method - all others done by internal standard method.

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(2) DR. L. MEYERS SUBJECTS

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Subject	Sex	Age	Wt. kg	% Fat	Wt. of fat in kg	Lean body wt. (kg)	Ht cm
822	M	16	54.54	19.36	10.56	43.98	160.0
832	F	24	46.36	19.82	9.19	37.17	147.3
836	M	30	56.36	0	0	56.36	163.8
838	M	30	66.13	6.24	4.13	62.00	162.6
841	F	30	66.81	48.82	32.31	34.50	163.8
873	M	44	61.36	0	0	61.36	175.3
881	M	30	68.63	30.39	20.86	47.77	165.1
882	M	29	54.77	5%	0	54.77	160.0
885	M	23	61.81	0.18	0.11	61.63	163.8
895	F	33	55.90	26.58	14.86	29.32	151.1
916	F	39	63.63	24.38	15.51	48.12	148.6
928	F	50	57.27	23.21	13.29	43.98	157.5
932	F	28	46.3	16.01	7.41	38.89	146.0
938	F	24	40.00	18.26	7.30	32.70	142.2
942	F	48	57.72	29.61	17.09	40.63	148.6
959	F	14	60.00	21.29	12.77	47.23	151.1
960	F	11	38.63	3.86	14.91	23.72	149.9
1007	M	52	71.36	19.54	13.94	57.42	163.8
1043	F	28	41.81	9.70	4.06	37.75	147.3
1501	M	30	66.81	11.29	7.54	59.27	162.6
	M	30	63.18	14.21	8.98	54.20	165.1

m x 2.54

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② DR. L. MEYERS SUBJECTS

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subject	Sex	Age	Wt. kg	% Fat	Wt. of fat in kg.	Lean body wt. (kg)	Ht cm
822	M	16	54.54	19.36	10.56	43.98	160.0
832	F	24	46.36	19.82	9.19	37.17	147.3
836	M	30	56.36	0	0	56.36	163.8
838	M	30	66.13	6.24	4.13	62.00	162.6
841	F	30	66.81	48.82	32.31	34.50	163.8
873	M	44	61.36	0	-0	61.36	175.3
881	M	30	68.63	30.39	20.86	47.77	165.1
882	M	29	54.77	-5%	0	54.77	160.0
885	M	23	61.81	0.18	0.11	61.63	163.8
895	F	33	55.90	26.58	14.86	29.32	151.1
916	F	39	63.63	24.38	15.51	48.12	148.6
928	F	50	57.27	23.21	13.29	43.98	157.5
932	F	28	46.3	16.01	7.41	38.89	146.0
938	F	24	40.00	18.26	7.30	32.70	142.2
942	F	48	57.72	29.61	17.09	40.63	148.6
959	F	14	60.00	21.29	12.77	47.23	151.1
960	F	11	38.63	3.86	14.91	23.72	149.9
1007	M	52	71.36	19.54	13.94	57.42	163.8
1043	F	28	41.81	9.70	4.06	37.75	147.3
1501	M	30	66.81	11.29	7.54	59.27	162.6
	M	30	63.18	14.21	8.98	54.20	165.1

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