



NOTICE TO MARINERS

16th August, 2012

IRISH SEA – Marine Survey in support of the Western HVDC Link Project

Mariners are advised that survey and diving equipment will be used in the Irish Sea in July/August 2012, weather dependent. It has commenced operations on 26th of July at Wirral (England),

The survey work will be carried out by UTEC using the following vessels:

- Offshore Survey Vessel: ILV Granualie



GENERAL PARTICULARS

Built by:	Damen Shipyards Holland
Date:	31st January 2000
Official Number:	403374
IMO Number:	9192947
MMSI:	250191000
Radio Call Sign:	EIPT
Class:	Lloyds 100A1, +LMC, +UMS + DP (AM)
IMO DP Notation:	Class 1

- Inshore Survey boat (Wirral): Remote Sensor
- Inshore Survey boat (Ardneil): Yorkshire Lady

During this survey the vessels may be deploying either underwater survey equipment and / or divers. During such times the survey vessels may have restricted ability to manoeuvre and other vessels are requested to pass at a safe speed and distance.

Project Description

The Western HVDC Link Project consists of a 600 kV DC submarine system in the Irish Sea between Ardneil (Scotland) and Wirral (England) for a total route length of about 385 km. The cable route is shown in Figure 1 overleaf.

Survey tasks

Following tasks will be performed along the cable route (see table 1 in the Appendix and figures 1&2 for cable co-ordinates):

- Geophysical Survey
 - A detailed geophysical survey will be carried out on selected parts of the cable route by means of high resolution Boomer, SBP, MBES and SSS (Geophysical Spread) operated from surface.
- Geotechnical survey
 - A detailed geotechnical survey will be performed by vibro cores along the whole cable route.



UTEC

- ROV survey
 - A utility ROV survey will be carried out on targets, cables and pipelines along the whole cable route.

- Inshore survey at Ardneil and Wirral landings
 - At Ardneil landing site a diving survey shall be performed with video, photo, probing and sampling along the cable route from shore-line up to 15 m w.d. (nominally 1.5 km). In addition to the centreline, two wing lines are required to develop the information as necessary within an area of 10 m width centred on the reference cable route.
 - At Wirral landing site a supplementary geophysical survey shall be performed by geophysical survey between 2 and 10 m w.d. (MSL). A corridor of 200 m width shall be surveyed, centred along the reference route, nominally 4 km, by SBES/MBES/SSS (Geophysical Spread).

Figure 1 – Cable route Locations

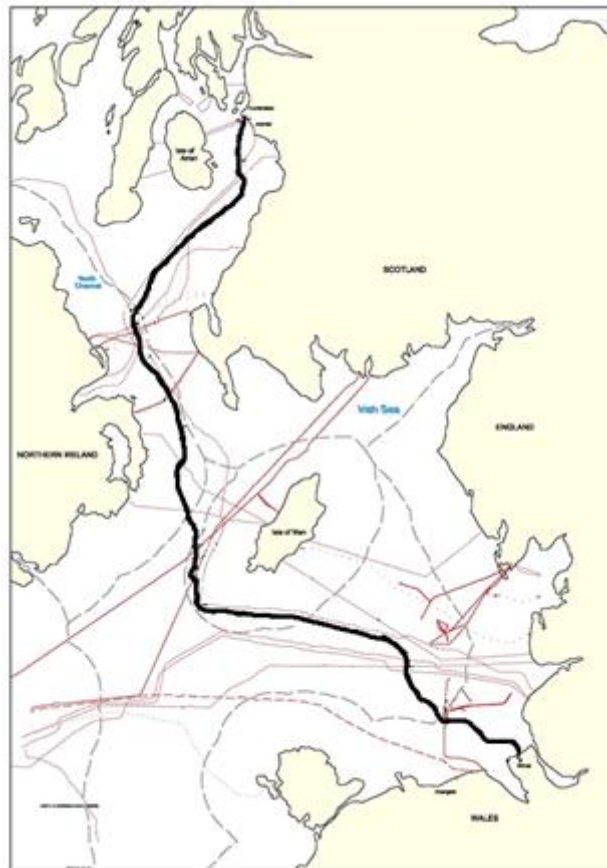




Figure 2 – Cable route Location at Ardneil (a) and Wirral (b) landing sites



Contact Details:

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Fisheries liaison for this survey will be co-ordinated by Jim Andrew (AWJ Marine), T: +44(0)845-880-2540, M: +44(0)7908-225865, jim@awjmarine.co.uk



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APPENDIX

Table 1 – Cable route co-ordinates

ID	LATITUDE [gg°pp'ss" N]	LONGITUDE [gg°pp'ss" W]
SLJ_ARDNEILL	055°41'48.92"N	004°52'54.60"W
HDD_ARDNEILL	055°41'31.98"N	004°53'08.69"W
AC_1	055°41'14.73"N	004°53'18.44"W
AC_2	055°40'46.89"N	004°53'20.76"W
AC_3	055°40'25.43"N	004°53'21.13"W
AC_4	055°40'16.66"N	004°53'30.04"W
AC_5	055°40'11.42"N	004°53'40.95"W
AC_6	055°40'07.55"N	004°53'53.82"W
AC_7	055°39'57.64"N	004°54'04.65"W
AC_8	055°37'39.91"N	004°54'52.42"W
AC_9	055°36'49.28"N	004°54'56.72"W
AC_10	055°34'49.27"N	004°55'16.09"W
AC_11	055°33'03.59"N	004°55'05.16"W
AC_12	055°32'47.65"N	004°54'59.13"W
AC_13	055°32'31.36"N	004°54'58.97"W
AC_14	055°31'49.16"N	004°54'57.47"W
AC_15	055°30'20.23"N	004°55'10.10"W
AC_16	055°30'10.09"N	004°55'05.10"W
AC_17	055°30'02.35"N	004°54'55.62"W
AC_18	055°29'52.30"N	004°54'40.22"W
AC_19	055°28'39.63"N	004°53'00.43"W
AC_20	055°28'32.04"N	004°52'54.72"W
AC_21	055°27'50.78"N	004°52'50.24"W
AC_22	055°26'42.74"N	004°52'46.06"W
AC_23	055°26'29.01"N	004°52'52.44"W
AC_24	055°26'14.21"N	004°53'02.69"W
AC_25	055°25'45.46"N	004°53'29.40"W
AC_26	055°25'04.28"N	004°53'56.76"W
AC_27	055°24'51.76"N	004°54'15.14"W
AC_28	055°24'24.58"N	004°54'58.35"W
AC_29	055°24'06.40"N	004°55'27.43"W
AC_30	055°22'25.74"N	004°58'04.89"W
AC_31	055°18'12.09"N	005°08'32.69"W
AC_32	055°15'54.88"N	005°11'59.34"W
AC_33	055°15'46.30"N	005°12'23.77"W
AC_34	055°15'37.47"N	005°13'22.19"W
AC_35	055°15'32.10"N	005°13'38.01"W
AC_36	055°15'24.73"N	005°13'51.12"W
AC_37	055°14'31.89"N	005°14'43.53"W
AC_38	055°10'36.83"N	005°21'04.82"W
AC_39	055°10'21.60"N	005°21'17.63"W
AC_40	055°08'51.34"N	005°23'55.37"W
AC_41	055°08'35.05"N	005°24'27.75"W
AC_42	055°08'25.44"N	005°24'42.37"W



ID	LATITUDE [gg°pp'ss" N]	LONGITUDE [gg°pp'ss" W]
AC_43	055°07'33.28"N	005°25'19.16"W
AC_44	055°07'14.45"N	005°25'39.98"W
AC_45	055°07'01.44"N	005°25'44.86"W
AC_46	055°06'48.07"N	005°25'55.73"W
AC_47	055°06'35.64"N	005°25'59.64"W
AC_48	055°06'17.04"N	005°26'12.78"W
AC_49	055°05'50.70"N	005°26'34.36"W
AC_50	055°05'41.43"N	005°26'39.18"W
AC_51	055°05'30.81"N	005°26'48.02"W
AC_52	055°05'24.67"N	005°26'56.62"W
AC_53	055°05'17.19"N	005°27'08.28"W
AC_54	055°04'55.24"N	005°27'38.03"W
AC_55	055°04'48.33"N	005°27'42.07"W
AC_56	055°04'33.41"N	005°27'41.97"W
AC_57	055°04'12.07"N	005°27'32.97"W
AC_58	055°04'03.32"N	005°27'34.04"W
AC_59	055°03'51.35"N	005°27'43.17"W
AC_60	055°03'39.43"N	005°27'57.21"W
AC_61	055°03'18.38"N	005°28'14.51"W
AC_62	055°03'12.96"N	005°28'21.21"W
AC_63	055°03'07.40"N	005°28'30.55"W
AC_64	055°02'56.94"N	005°28'38.33"W
AC_65	055°02'39.91"N	005°28'49.29"W
AC_66	055°02'31.02"N	005°28'54.45"W
AC_67	055°02'19.32"N	005°28'55.45"W
AC_68	055°02'13.37"N	005°28'56.51"W
AC_69	055°02'06.55"N	005°28'57.83"W
AC_70	055°01'58.11"N	005°28'59.64"W
AC_71	055°01'52.13"N	005°29'04.73"W
AC_72	055°01'48.08"N	005°29'11.97"W
AC_73	055°01'40.81"N	005°29'18.36"W
AC_74	055°01'35.37"N	005°29'28.18"W
AC_75	055°01'31.46"N	005°29'42.77"W
AC_76	055°01'20.25"N	005°30'05.93"W
AC_77	055°01'07.88"N	005°30'18.33"W
AC_78	055°00'55.69"N	005°30'28.76"W
AC_79	055°00'38.63"N	005°30'50.53"W
AC_80	055°00'21.57"N	005°31'04.72"W
AC_81	055°00'10.08"N	005°31'13.40"W
AC_82	054°59'57.52"N	005°31'28.21"W
AC_83	054°59'45.12"N	005°31'34.55"W
AC_84	054°59'20.36"N	005°31'50.90"W
AC_85	054°58'51.53"N	005°32'07.00"W
AC_86	054°58'37.40"N	005°32'23.23"W
AC_87	054°58'19.33"N	005°32'56.50"W
AC_88	054°58'02.84"N	005°33'11.31"W
AC_89	054°57'42.65"N	005°33'16.07"W



ID	LATITUDE [gg°pp'ss" N]	LONGITUDE [gg°pp'ss" W]
AC_90	054°57'31.52"N	005°33'14.82"W
AC_91	054°56'46.93"N	005°33'09.60"W
AC_92	054°56'20.11"N	005°33'01.76"W
AC_93	054°56'12.12"N	005°32'56.03"W
AC_94	054°55'34.28"N	005°32'20.29"W
AC_95	054°55'25.23"N	005°32'13.21"W
AC_96	054°55'07.78"N	005°31'55.24"W
AC_97	054°54'32.95"N	005°31'22.57"W
AC_98	054°54'07.45"N	005°30'57.94"W
AC_99	054°53'56.43"N	005°30'49.30"W
AC_100	054°53'44.88"N	005°30'30.75"W
AC_101	054°53'39.05"N	005°30'20.19"W
AC_102	054°53'32.29"N	005°30'14.43"W
AC_103	054°53'24.61"N	005°30'12.54"W
AC_104	054°53'14.21"N	005°30'14.34"W
AC_105	054°53'08.26"N	005°30'16.62"W
AC_106	054°53'01.61"N	005°30'19.58"W
AC_107	054°52'16.78"N	005°30'11.99"W
AC_108	054°52'06.63"N	005°30'04.72"W
AC_109	054°52'00.12"N	005°30'03.14"W
AC_110	054°51'53.65"N	005°30'04.16"W
AC_111	054°51'47.19"N	005°30'03.05"W
AC_112	054°51'40.83"N	005°30'05.40"W
AC_113	054°51'33.85"N	005°30'05.67"W
AC_114	054°51'27.20"N	005°30'03.01"W
AC_115	054°51'18.25"N	005°30'02.50"W
AC_116	054°50'44.29"N	005°29'51.42"W
AC_117	054°50'20.68"N	005°29'47.17"W
AC_118	054°49'37.09"N	005°29'40.31"W
AC_119	054°49'07.21"N	005°29'14.88"W
AC_120	054°48'52.45"N	005°28'59.17"W
AC_121	054°48'42.93"N	005°28'55.90"W
AC_122	054°48'35.59"N	005°28'50.22"W
AC_123	054°48'15.63"N	005°28'23.94"W
AC_124	054°48'00.82"N	005°28'01.41"W
AC_125	054°47'47.68"N	005°27'42.48"W
AC_126	054°47'18.20"N	005°26'38.63"W
AC_127	054°46'50.44"N	005°25'28.57"W
AC_128	054°46'41.35"N	005°25'09.08"W
AC_129	054°46'27.03"N	005°24'36.07"W
AC_130	054°46'21.74"N	005°24'20.51"W
AC_131	054°46'05.64"N	005°23'44.96"W
AC_132	054°45'57.49"N	005°23'18.67"W
AC_133	054°45'47.75"N	005°23'02.55"W
AC_134	054°45'40.22"N	005°22'52.43"W
AC_135	054°44'58.24"N	005°22'08.60"W
AC_136	054°44'38.86"N	005°21'42.01"W



ID	LATITUDE [gg°pp'ss" N]	LONGITUDE [gg°pp'ss" W]
AC_137	054°43'59.76"N	005°21'00.35"W
AC_138	054°43'50.28"N	005°20'53.15"W
AC_139	054°43'29.66"N	005°20'46.05"W
AC_140	054°42'49.09"N	005°20'09.50"W
AC_141	054°42'35.32"N	005°19'42.81"W
AC_142	054°42'20.89"N	005°19'28.10"W
AC_143	054°41'50.11"N	005°18'55.11"W
AC_144	054°41'30.92"N	005°18'46.72"W
AC_145	054°41'19.57"N	005°18'33.32"W
AC_146	054°41'09.19"N	005°18'26.43"W
AC_147	054°40'57.07"N	005°18'25.75"W
AC_148	054°40'47.37"N	005°18'25.21"W
AC_149	054°40'39.31"N	005°18'19.62"W
AC_150	054°40'32.93"N	005°18'12.98"W
AC_151	054°40'23.52"N	005°18'02.25"W
AC_152	054°40'12.02"N	005°17'47.86"W
AC_153	054°40'04.22"N	005°17'39.40"W
AC_154	054°39'57.41"N	005°17'36.21"W
AC_155	054°39'51.27"N	005°17'31.45"W
AC_156	054°39'46.21"N	005°17'23.48"W
AC_157	054°39'44.11"N	005°17'16.69"W
AC_158	054°39'42.88"N	005°17'00.85"W
AC_159	054°39'40.80"N	005°16'54.00"W
AC_160	054°39'34.08"N	005°16'43.53"W
AC_161	054°39'25.50"N	005°16'36.27"W
AC_162	054°39'04.74"N	005°16'29.43"W
AC_163	054°38'25.59"N	005°16'02.32"W
AC_164	054°37'24.71"N	005°15'28.90"W
AC_165	054°37'05.06"N	005°15'16.76"W
AC_166	054°36'30.06"N	005°15'00.13"W
AC_167	054°36'12.98"N	005°14'49.95"W
AC_168	054°36'03.35"N	005°14'48.92"W
AC_169	054°35'45.64"N	005°14'59.53"W
AC_170	054°35'37.02"N	005°14'59.36"W
AC_171	054°35'30.12"N	005°14'55.41"W
AC_172	054°35'18.07"N	005°14'46.44"W
AC_173	054°35'09.74"N	005°14'44.78"W
AC_174	054°35'00.99"N	005°14'42.23"W
AC_175	054°34'52.00"N	005°14'32.99"W
AC_176	054°34'36.91"N	005°14'11.12"W
AC_177	054°34'16.42"N	005°13'50.36"W
AC_178	054°33'59.73"N	005°13'39.16"W
AC_179	054°33'22.26"N	005°13'02.41"W
AC_180	054°33'15.41"N	005°12'59.39"W
AC_181	054°33'08.80"N	005°13'00.60"W
AC_182	054°32'51.75"N	005°13'13.55"W
AC_183	054°32'43.72"N	005°13'20.56"W



ID	LATITUDE [gg°pp'ss" N]	LONGITUDE [gg°pp'ss" W]
AC_184	054°32'24.02"N	005°13'26.27"W
AC_185	054°32'10.36"N	005°13'27.12"W
AC_186	054°31'58.95"N	005°13'29.50"W
AC_187	054°31'47.83"N	005°13'25.15"W
AC_188	054°31'35.27"N	005°13'12.37"W
AC_189	054°31'29.75"N	005°13'07.13"W
AC_190	054°31'19.54"N	005°12'57.08"W
AC_191	054°31'10.80"N	005°12'45.58"W
AC_192	054°31'02.33"N	005°12'41.02"W
AC_193	054°30'52.42"N	005°12'36.80"W
AC_194	054°30'31.52"N	005°12'34.21"W
AC_195	054°30'18.46"N	005°12'37.67"W
AC_196	054°30'00.28"N	005°12'33.24"W
AC_197	054°29'06.24"N	005°12'14.15"W
AC_198	054°27'45.26"N	005°12'21.59"W
AC_199	054°27'33.34"N	005°12'28.72"W
AC_200	054°26'57.49"N	005°13'12.86"W
AC_201	054°26'32.14"N	005°14'02.92"W
AC_202	054°26'11.60"N	005°14'26.64"W
AC_203	054°25'33.34"N	005°14'42.33"W
AC_204	054°21'21.14"N	005°14'16.73"W
AC_205	054°20'56.66"N	005°13'58.82"W
AC_206	054°19'43.45"N	005°13'01.16"W
AC_207	054°19'18.06"N	005°12'36.08"W
AC_208	054°16'47.76"N	005°10'31.95"W
AC_209	054°15'42.59"N	005°10'19.00"W
AC_210	054°11'59.26"N	005°07'07.70"W
AC_211	054°11'43.68"N	005°07'02.72"W
AC_212	054°08'46.79"N	005°07'28.53"W
AC_213	054°08'30.76"N	005°07'24.23"W
AC_214	054°07'37.27"N	005°06'43.78"W
AC_215	054°07'21.69"N	005°06'37.50"W
AC_216	054°06'19.60"N	005°06'32.08"W
AC_217	054°04'57.49"N	005°07'13.59"W
AC_218	054°04'37.52"N	005°07'18.51"W
AC_219	054°04'10.73"N	005°07'34.44"W
AC_220	054°02'58.07"N	005°08'12.59"W
AC_221	054°02'31.73"N	005°08'17.13"W
AC_222	054°02'21.16"N	005°08'12.59"W
AC_223	054°02'13.34"N	005°08'03.86"W
AC_224	054°01'27.53"N	005°06'19.46"W
AC_225	054°01'18.01"N	005°06'08.85"W
AC_226	054°01'09.32"N	005°06'04.03"W
AC_227	053°56'32.61"N	005°06'19.66"W
AC_228	053°56'22.75"N	005°06'14.21"W
AC_229	053°56'13.75"N	005°06'05.41"W
AC_230	053°55'03.43"N	005°03'43.96"W



ID	LATITUDE [gg°pp'ss" N]	LONGITUDE [gg°pp'ss" W]
AC_231	053°54'57.36"N	005°03'17.93"W
AC_232	053°54'55.35"N	005°02'17.21"W
AC_233	053°54'55.55"N	005°01'44.33"W
AC_234	053°54'54.58"N	005°01'24.66"W
AC_235	053°54'55.53"N	005°00'49.62"W
AC_236	053°54'55.57"N	004°59'57.56"W
AC_237	053°54'42.51"N	004°58'51.58"W
AC_238	053°54'40.83"N	004°58'16.07"W
AC_239	053°54'42.31"N	004°57'38.34"W
AC_240	053°54'47.62"N	004°57'09.09"W
AC_241	053°54'45.12"N	004°54'59.05"W
AC_242	053°54'46.81"N	004°54'15.56"W
AC_243	053°54'45.93"N	004°53'46.54"W
AC_244	053°54'40.97"N	004°52'24.98"W
AC_245	053°54'41.18"N	004°51'54.40"W
AC_246	053°54'40.20"N	004°51'30.02"W
AC_247	053°54'38.38"N	004°51'13.16"W
AC_248	053°54'37.04"N	004°50'39.74"W
AC_249	053°54'37.43"N	004°50'25.16"W
AC_250	053°54'34.28"N	004°49'44.75"W
AC_251	053°54'31.65"N	004°48'35.75"W
AC_252	053°54'30.64"N	004°48'24.71"W
AC_253	053°54'30.78"N	004°48'13.20"W
AC_254	053°54'28.96"N	004°47'39.46"W
AC_255	053°54'26.73"N	004°47'10.51"W
AC_256	053°54'21.48"N	004°46'41.76"W
AC_257	053°53'57.56"N	004°45'28.26"W
AC_258	053°53'55.34"N	004°45'05.62"W
AC_259	053°53'44.51"N	004°44'04.06"W
AC_260	053°53'45.15"N	004°43'24.62"W
AC_261	053°53'55.61"N	004°42'05.08"W
AC_262	053°54'08.01"N	004°41'12.88"W
AC_263	053°54'10.30"N	004°40'49.87"W
AC_264	053°54'08.62"N	004°40'05.21"W
AC_265	053°54'15.19"N	004°39'12.05"W
AC_266	053°54'12.90"N	004°38'21.13"W
AC_267	053°53'59.96"N	004°37'34.90"W
AC_268	053°53'59.12"N	004°37'19.92"W
AC_269	053°53'59.32"N	004°36'58.86"W
AC_270	053°54'01.46"N	004°36'45.38"W
AC_271	053°54'02.06"N	004°36'27.19"W
AC_272	053°53'54.64"N	004°35'37.22"W
AC_273	053°53'50.45"N	004°34'47.23"W
AC_274	053°53'48.64"N	004°34'17.78"W
AC_275	053°53'50.34"N	004°34'00.10"W
AC_276	053°53'52.79"N	004°33'38.93"W
AC_277	053°53'49.68"N	004°32'34.47"W



ID	LATITUDE [gg°pp'ss" N]	LONGITUDE [gg°pp'ss" W]
AC_278	053°53'49.99"N	004°32'13.47"W
AC_279	053°53'51.14"N	004°31'36.28"W
AC_280	053°53'51.21"N	004°30'59.72"W
AC_281	053°53'49.80"N	004°30'44.94"W
AC_282	053°53'40.73"N	004°30'07.43"W
AC_283	053°53'40.17"N	004°29'42.37"W
AC_284	053°53'41.43"N	004°29'18.47"W
AC_285	053°53'42.43"N	004°28'55.13"W
AC_286	053°53'43.12"N	004°28'28.42"W
AC_287	053°53'41.16"N	004°28'17.13"W
AC_288	053°53'39.64"N	004°28'04.37"W
AC_289	053°53'32.93"N	004°27'30.20"W
AC_290	053°53'27.68"N	004°26'46.87"W
AC_291	053°53'17.83"N	004°26'10.73"W
AC_292	053°53'09.79"N	004°25'15.68"W
AC_293	053°53'06.85"N	004°24'59.86"W
AC_294	053°53'07.26"N	004°24'47.00"W
AC_295	053°53'08.96"N	004°24'25.69"W
AC_296	053°53'03.69"N	004°23'45.97"W
AC_297	053°53'03.40"N	004°23'24.95"W
AC_298	053°52'53.06"N	004°22'09.47"W
AC_299	053°52'50.79"N	004°21'57.55"W
AC_300	053°52'46.70"N	004°21'37.79"W
AC_301	053°52'43.63"N	004°21'22.98"W
AC_302	053°52'36.83"N	004°20'59.59"W
AC_303	053°52'35.52"N	004°20'37.34"W
AC_304	053°52'31.70"N	004°20'16.28"W
AC_305	053°52'30.00"N	004°19'46.38"W
AC_306	053°52'26.27"N	004°19'19.70"W
AC_307	053°52'23.71"N	004°18'42.11"W
AC_308	053°52'18.89"N	004°18'08.69"W
AC_309	053°52'14.59"N	004°17'43.29"W
AC_310	053°52'12.92"N	004°17'28.41"W
AC_311	053°52'01.73"N	004°16'56.30"W
AC_312	053°51'51.34"N	004°15'49.89"W
AC_313	053°51'48.95"N	004°14'56.06"W
AC_314	053°51'36.88"N	004°13'30.38"W
AC_315	053°51'29.77"N	004°12'39.52"W
AC_316	053°51'27.13"N	004°12'12.24"W
AC_317	053°51'24.48"N	004°11'58.50"W
AC_318	053°51'18.92"N	004°11'43.13"W
AC_319	053°51'11.78"N	004°11'15.66"W
AC_320	053°51'10.10"N	004°11'01.99"W
AC_321	053°51'12.28"N	004°10'30.59"W
AC_322	053°51'09.87"N	004°10'05.58"W
AC_323	053°50'59.94"N	004°09'06.56"W
AC_324	053°50'47.01"N	004°08'25.04"W



ID	LATITUDE [gg°pp'ss" N]	LONGITUDE [gg°pp'ss" W]
AC_325	053°50'44.95"N	004°08'11.23"W
AC_326	053°50'44.92"N	004°07'43.52"W
AC_327	053°50'36.32"N	004°06'59.68"W
AC_328	053°50'35.98"N	004°06'47.28"W
AC_329	053°50'38.07"N	004°06'22.12"W
AC_330	053°50'37.48"N	004°06'03.75"W
AC_331	053°50'26.95"N	004°05'16.65"W
AC_332	053°50'24.16"N	004°04'54.72"W
AC_333	053°50'23.18"N	004°04'36.95"W
AC_334	053°50'19.75"N	004°04'20.17"W
AC_335	053°50'16.22"N	004°03'41.45"W
AC_336	053°50'11.50"N	004°03'13.93"W
AC_337	053°50'09.96"N	004°02'55.13"W
AC_338	053°50'09.58"N	004°02'29.38"W
AC_339	053°50'08.77"N	004°02'15.69"W
AC_340	053°50'05.39"N	004°01'58.73"W
AC_341	053°50'03.02"N	004°01'44.83"W
AC_342	053°49'58.09"N	004°01'31.82"W
AC_343	053°49'53.30"N	004°01'18.44"W
AC_344	053°49'50.20"N	004°01'02.03"W
AC_345	053°49'47.93"N	004°00'37.09"W
AC_346	053°49'37.10"N	003°59'53.57"W
AC_347	053°49'32.88"N	003°58'57.88"W
AC_348	053°49'21.20"N	003°57'35.45"W
AC_349	053°49'07.27"N	003°56'02.59"W
AC_350	053°48'56.85"N	003°55'28.65"W
AC_351	053°48'38.35"N	003°54'43.69"W
AC_352	053°48'20.56"N	003°53'39.59"W
AC_353	053°48'11.87"N	003°53'20.69"W
AC_354	053°48'02.91"N	003°53'04.97"W
AC_355	053°47'56.22"N	003°52'47.24"W
AC_356	053°47'52.43"N	003°52'26.33"W
AC_357	053°47'47.66"N	003°52'15.77"W
AC_358	053°47'43.87"N	003°51'58.94"W
AC_359	053°47'37.18"N	003°51'45.16"W
AC_360	053°47'25.27"N	003°51'30.28"W
AC_361	053°46'59.57"N	003°50'44.78"W
AC_362	053°46'49.46"N	003°50'14.66"W
AC_363	053°46'45.96"N	003°49'47.75"W
AC_364	053°46'38.90"N	003°49'18.90"W
AC_365	053°46'34.37"N	003°49'07.58"W
AC_366	053°46'27.78"N	003°48'59.65"W
AC_367	053°46'19.91"N	003°48'55.45"W
AC_368	053°46'00.94"N	003°48'56.65"W
AC_369	053°41'39.91"N	003°48'35.56"W
AC_370	053°41'12.75"N	003°48'30.03"W
AC_371	053°40'49.85"N	003°48'18.94"W



ID	LATITUDE [gg°pp'ss" N]	LONGITUDE [gg°pp'ss" W]
AC_372	053°40'09.43"N	003°47'36.22"W
AC_373	053°39'49.85"N	003°47'24.89"W
AC_374	053°39'34.21"N	003°47'15.84"W
AC_375	053°39'13.34"N	003°46'53.77"W
AC_376	053°38'47.98"N	003°46'10.34"W
AC_377	053°36'53.39"N	003°44'09.75"W
AC_378	053°36'43.22"N	003°43'50.01"W
AC_379	053°35'43.59"N	003°39'58.71"W
AC_380	053°35'33.44"N	003°39'38.88"W
AC_381	053°35'06.10"N	003°39'10.14"W
AC_382	053°34'50.73"N	003°38'40.14"W
AC_383	053°34'22.24"N	003°38'12.51"W
AC_384	053°34'02.13"N	003°37'58.96"W
AC_385	053°32'34.77"N	003°36'27.53"W
AC_386	053°32'18.76"N	003°36'03.20"W
AC_387	053°32'09.45"N	003°35'53.35"W
AC_388	053°31'46.94"N	003°35'42.26"W
AC_389	053°31'39.80"N	003°35'34.78"W
AC_390	053°31'34.67"N	003°35'23.93"W
AC_391	053°31'30.49"N	003°35'05.81"W
AC_392	053°31'27.30"N	003°34'20.52"W
AC_393	053°31'30.30"N	003°33'54.65"W
AC_394	053°31'44.49"N	003°33'13.84"W
AC_395	053°31'50.75"N	003°32'34.48"W
AC_396	053°31'52.93"N	003°31'44.90"W
AC_397	053°32'07.07"N	003°30'15.71"W
AC_398	053°32'07.43"N	003°29'25.25"W
AC_399	053°31'44.33"N	003°26'48.73"W
AC_400	053°31'29.04"N	003°25'31.25"W
AC_401	053°31'19.91"N	003°24'29.57"W
AC_402	053°31'15.22"N	003°24'17.69"W
AC_403	053°31'07.83"N	003°24'08.33"W
AC_404	053°30'39.70"N	003°23'51.97"W
AC_405	053°30'09.61"N	003°23'34.48"W
AC_406	053°29'55.99"N	003°23'16.23"W
AC_407	053°27'22.37"N	003°18'48.76"W
AC_408	053°27'18.02"N	003°18'33.24"W
AC_409	053°27'15.89"N	003°18'20.18"W
AC_410	053°27'17.76"N	003°15'45.84"W
AC_411	053°27'21.32"N	003°10'37.46"W
AC_412	053°27'16.12"N	003°10'13.65"W
AC_413	053°26'22.58"N	003°08'27.73"W
AC_414	053°26'11.88"N	003°08'11.69"W
AC_415	053°26'00.04"N	003°08'03.23"W
SLJ_WIRRALL	053°24'42.00"N	003°07'51.00"W