

by George R Lewycky http://georgenet.net																		
70% A1..S405	spectra.molecular.sorted																	
wavelength	heads appearance	feature	molecule (ion)	molecule name	Intensity	Ab	F	a(a)	a(r)	D+	D-	v':v"	system	source	appearance	occurrence	m/a/s	miscellaneous
2912	R		SbN											IMS-1950	CD			molec
2915	V		PbI									4:00		BARROW-1952				molec
2915	V	Band	PbI									4:00		KOPP-1974				molec
2915	V		PbI										UV	IMS-1976				molec
2915.13	V	P1	GeCl									2:02		KOPP-1977 Sup				molec
2915.4	R		SO									1:05		BARROW-1952				molec
2915.4	R	Head	SO									1:07		KOPP-1974				molec
2915.6	V		Ca35Cl									0:00		BARROW-1952				molec
2915.6	V	P	CaCl									0:00		KOPP-1974				molec
2915.6	R	Head	P2									7:22		KOPP-1974				molec
2915.6	V		SrCl									0:00		BARROW-1952				molec
2915.6	V	P	SrCl									0:00		KOPP-1974				molec
2915.6	V		SrCl										UV	IMS-1976				molec
2915.681	R	R	CN+	Cyanide ion								4:01		KOPP-1974				molec
2915.7	V	P	BCl									0:03		KOPP-1974				molec
2915.7	R		PbS											BARROW-1952				molec
2915.7	R	Head	PbS											KOPP-1974				molec
2915.95	R		NO									3:08		BARROW-1952				molec
2916	R		Zn1H									8:00		BARROW-1952				molec
2916.1	V	Q1	CCl									0:02		KOPP-1974				molec
2916.1	V		SrF									5:03		BARROW-1952				molec
2916.1	V	Head	SrF									5:01		KOPP-1974				molec
2916.1	R	Orig	ZnH									8:00		KOPP-1974				molec
2916.7	V	P	CaBr									1:00		KOPP-1974				molec
2917	V	Q	BCl									5:08		KOPP-1974				molec
2917	V	Band	SrD									1:01		KOPP-1977 Sup				molec
2917.2	V		GeF									1:01		BARROW-1952				molec
2917.2	V	Q	GeF									1:01		KOPP-1974				molec
2917.4	?	Band	Hg2											KOPP-1974				molec
2917.67	R	Q2	PS									0:00		KOPP-1974				molec
2917.89	R		74Ge32S									4:00		BARROW-1952				molec
2917.89	R	Head	GeS									4:00		KOPP-1974				molec
2918	d M		(HgO)											BARROW-1952				molec
2918.2	L		Hg2										VIII	BARROW-1952				molec
2918.3	V	P	BCl									5:08		KOPP-1974				molec
2918.3	R	Q	BCl									3:06		KOPP-1974				molec
2918.4	R	Head	P2									4:20		KOPP-1974				molec
2918.5	V		14N2									1:02		BARROW-1952				molec
2918.9	V		SnF									1:01		BARROW-1952				molec
2918.9	V	Q	SnF									1:01		KOPP-1974				molec
2919.03	V	Q12	AlO									0:01		KOPP-1977 Sup				molec
2919.32	R		SnS									8:02		BARROW-1952				molec
2919.32	R	Band	SnS									8:02		KOPP-1974				molec
2919.6	R	Q	BCl									1:04		KOPP-1974				molec
2919.7	d M		TeO									3:00		BARROW-1952				molec
2919.8	R		16O+2									4:04		BARROW-1952				molec

2919.8	R		O2+							9		2nd Negative	IMS-1950		He	molec	
2919.8	R	R2	O2+								4:05		KOPP-1974			molec	
2919.8	V		SnF								1:01		BARROW-1952			molec	
2919.8	V	P	SnF								1:01		KOPP-1974			molec	
2919.9	R	E	OD								2:01		KOPP-1974			molec	
2920	d M		(CBr)										BARROW-1952			molec	
2920.2	R		S2	molecular sulfur		10	7	8		8			IMS-1950	wv		molec	
2920.3	R		Pb2									UV	IMS-1976			molec	
2920.4	R	Q	AsO								4:06		KOPP-1974			molec	
2920.4	R		Pb2										BARROW-1952			molec	
2920.4	R	Band	Pb2										KOPP-1974			molec	
2920.4	R		S2	molecular sulfur							8:01		BARROW-1952			molec	
2920.4	R	Band	S2	molecular sulfur							8:01		KOPP-1974			molec	isotope 32,32
2920.6	R		Na2								(2:0)	VI-4	BARROW-1952			molec	
2920.6	R	Band	Na2								2:00		KOPP-1974			molec	
2920.8	R	Q	BCl								4:07		KOPP-1974			molec	isotope 10
2920.95	R	R2	PO								3:10		KOPP-1974			molec	
2921.2	V		CaF								1:01		BARROW-1952			molec	
2921.2	V	Head	CaF								1:01		KOPP-1974			molec	
2921.2	V	Head	CaF								1:01		KOPP-1977 Sup			molec	
2921.3	V		TIF								0:02		BARROW-1952			molec	
2921.3	V	P	TIF								0:02		KOPP-1974			molec	
2921.7	R		SNO			2				10		Loomis&Watson	IMS-1950			molec	
2921.8	R		SnO								1:03		BARROW-1952			molec	
2921.8	R	Band	SnO								1:03		KOPP-1974			molec	
2921.87	V	Q1	SiBr								1:00		KOPP-1977 Sup			molec	isotope 79
2921.93	V	Q1	AlO								1:02		KOPP-1977 Sup			molec	
2922	V		SiBr								1:00		BARROW-1952			molec	
2922	V	Head	SiBr								1:00		KOPP-1974			molec	
2922.04	V	Q1	SiBr								1:00		KOPP-1977 Sup			molec	isotope 81
2922.18	V	P1	SiBr								1:00		KOPP-1977 Sup			molec	isotope 79
2922.2	R	Q2	PO								3:10		KOPP-1974			molec	
2922.3	R		As2								5:16		BARROW-1952			molec	
2922.3	R	R	ScF								0:01		KOPP-1974			molec	
2922.35	V	P1	SiBr								1:00		KOPP-1977 Sup			molec	isotope 81
2922.6	R		BS								0:04		BARROW-1952			molec	
2922.65	R	Head	P2								1:18		KOPP-1974			molec	
2922.7	V		SrF								4:02		BARROW-1952			molec	
2922.7	V	Head	SrF								4:02		KOPP-1974			molec	
2922.9	R		As2								8:20		BARROW-1952			molec	
2923	R		SO2	Sulfur Dioxide		8							IMS-1950			molec	band impurity
2923	R		ZnCl										BARROW-1952			molec	
2923	R	Band	ZnCl										KOPP-1974			molec	
2923.05	R		GeSe								2:04		BARROW-1952			molec	
2923.05	R	Head	GeSe								2:04		KOPP-1974			molec	
2923.1	R		NO								3:08		BARROW-1952			molec	
2923.35	R	Orig	O2								1:11		KOPP-1974			molec	
2923.5	d		(CBr)										BARROW-1952			molec	
2923.5	?	Q	BCl								6:09		KOPP-1974			molec	isotope 11

2923.5	R		CdF										BARROW-1952			molec	
2923.5	R	Band	CdF										KOPP-1974			molec	
2923.5	R		CdF										IMS-1976			molec	
2923.8	d M		Br2									VI	BARROW-1952			molec	
2923.8	I	Diff	Br2										KOPP-1974			molec	
2923.9	R		BS							0:04			BARROW-1952			molec	
2923.91	V	OP12	GeCl							2:00			KOPP-1977 Sup			molec	isotope 74,35
2924	I	Diff	O2							0:00			KOPP-1974			molec	
2924.1	R		SbN							2:02			BARROW-1952			molec	
2924.1	R	Q	SbN							2:02			KOPP-1974			molec	
2924.322	R	Orig	He2							1:00			KOPP-1974			molec	isotope 4,4
2924.4	V		SiCl							0:00			BARROW-1952			molec	
2924.4	V		SiCl						8				IMS-1950			molec	
2924.4	V	P	SiCl							0:00			KOPP-1974			molec	
2925	V		12C16O							0:00			BARROW-1952			molec	
2925	V		CO	Carbon Monoxide					2			Knauss	IMS-1950		r	molec	
2925	V	Head	CO	Carbon Monoxide						0:02			KOPP-1974			molec	
2925.2	R	Head	AsO							2:06			KOPP-1974			molec	
2925.3	R		SiO							4:10			BARROW-1952			molec	
2925.3	R	Head	SiO							4:10			KOPP-1974			molec	
2925.35	R		SnS							6:01			BARROW-1952			molec	
2925.35	R	Band	SnS							6:01			KOPP-1974			molec	
2925.41	V	Q1	GeCl							1:01			KOPP-1977 Sup			molec	isotope 74,35
2925.5	R		CdF										IMS-1950			molec	
2925.5	R	Orig	O2							2:00			KOPP-1974			molec	
2925.64	R		PbO							2:02			BARROW-1952			molec	
2925.64	R	Band	PbO							3:02			KOPP-1974			molec	
2925.67	V	P1	GeCl							1:01			KOPP-1977 Sup			molec	isotope 74,35
2925.8	E		CP							10:02			BARROW-1952			molec	
2925.8	R	Head	CP							10:02			KOPP-1974			molec	
2925.91	R		GeSe							0:03			BARROW-1952			molec	
2925.91	R	Head	GeSe							0:03			KOPP-1974			molec	
2926	d M		InBr							?:2			BARROW-1952			molec	
2926	I	Diff	InBr							?:2			KOPP-1974			molec	
2926.06	R		SiS							0:01			BARROW-1952			molec	
2926.06	R	Head	SiS							0:01			KOPP-1974			molec	
2926.1	R	Band	S2	molecular sulfur						8:01			KOPP-1977 Sup			molec	isotope 34,34
2926.1	V	Head	BiTe										KOPP-1974			molec	
2926.1	R		SiS						10				IMS-1950		S	molec	
2926.2	V		CaF							0:00			BARROW-1952			molec	
2926.2	V		CaF						10				IMS-1950			molec	
2926.2	V	Head	CaF							0:00			KOPP-1974			molec	
2926.2	V	Head	CaF							0:00			KOPP-1977 Sup			molec	
2926.6	R		? S2							6:00			BARROW-1952			molec	
2926.6	R	Band	S2	molecular sulfur						6:00			KOPP-1974			molec	isotope 32,32
2926.9	R		(ZnI)							1:30			BARROW-1952			molec	
2926.9	V	Q	SnF							0:00			KOPP-1974			molec	
2926.9	R	Band	ZnI							1:30			KOPP-1974			molec	isotope 64
2926.95	V		SnF							0:00			BARROW-1952			molec	

2927	d M		(CBr)											BARROW-1952			molec
2927.1	V		Ca35Cl							12:05				BARROW-1952			molec
2927.1	V	P	CaCl							12:05				KOPP-1974			molec
2927.3	V	P	SrH							0:00				KOPP-1974			molec
2927.4	R		BiS										I	BARROW-1952			molec
2927.6	R		Na2							9:00				BARROW-1952			molec
2927.6	R	Band	Na2							9:00				KOPP-1974			molec
2927.7	R	Q	AsO							1:04				KOPP-1974			molec
2927.8	V	P	SnF							0:00				KOPP-1974			molec
2927.8	V	P	SrD							0:00				KOPP-1974			molec
2927.85	V		SnF							0:00				BARROW-1952			molec
2927.9	V		SnF											IMS-1950			molec
2928.3	V		GeF							0:00				BARROW-1952			molec
2928.3	V	Q	GeF							0:00				KOPP-1974			molec
2928.5	V		Pb79Br							0:02				BARROW-1952			molec
2928.5	V	Band	PbBr							0:02				KOPP-1974			molec
2928.6	R		Na2							12:02				BARROW-1952			molec
2928.6	R	Band	Na2							12:02				KOPP-1974			molec
2929.3	R		Pb2										UV	IMS-1976			molec
2929.33	V	P2	GeCl							2:00				KOPP-1977 Sup			molec
2929.33	R	SB21	PO							4:11				KOPP-1974			molec
2929.4	V		SrF							3:01				BARROW-1952			molec
2929.4	V	Head	SrF							3:01				KOPP-1974			molec
2929.7	L		Hg2										VII	BARROW-1952			molec
2930	V		12C16O							1:02				BARROW-1952			molec
2930	V		16O2										XIV	BARROW-1952			molec
2930	R		Cd1H							12:00				BARROW-1952			molec
2930	R	Head	CdH							12:00				KOPP-1974			molec
2930.08	V	P2	AlO							0:01				KOPP-1977 Sup			molec
2930.1	?	Band	Hg2											KOPP-1974			molec
2930.5	R	Head	CSe							0:01				KOPP-1974			molec
2930.5	R	R1	PO							4:11				KOPP-1974			molec
2930.55	R		CSe							0:01				BARROW-1952			molec
2930.6	R		PbS											BARROW-1952			molec
2930.6	R	Head	PbS											KOPP-1974			molec
2930.7	L		Hg2										VIII	BARROW-1952			molec
2930.8	l d M		GaBr							?;8				BARROW-1952			molec
2930.8	l	Diff	GaBr							?;8				KOPP-1974			molec
2931	d M		(HgO)											BARROW-1952			molec
2931	R		CH2O	Formaldehyde										Formaldehyde	IMS-1950		molec
2931	R	Head	O2							3:02				KOPP-1974			molec
2931	R		SnO							4:05				BARROW-1952			molec
2931	R	Band	SnO							4:05				KOPP-1974			molec
2931.1	?	Band	Hg2											KOPP-1974			molec
2931.3	R		Pb2											BARROW-1952			molec
2931.3	R	Band	Pb2											KOPP-1974			molec
2931.6	R		SiSe							6:01				BARROW-1952			molec
2931.6	R	Head	SiSe							6:01				KOPP-1974			molec
2931.7	V		Pbl							3:00				BARROW-1952			molec

2931.7	V	Band	Pbl							3:00		KOPP-1974			molec	
2931.8	V		Pbl								UV	IMS-1976			molec	
2932	R		12N2							1:01		BARROW-1952			molec	
2932	R	Orig	HCl+							4:00		KOPP-1974			molec	
2932	R	R	N2							5:01		KOPP-1974			molec	
2932.3	R	Band	S2	molecular sulfur						6:00		KOPP-1977 Sup			molec	isotope 34,34
2932.5	R		Na2							10:01		BARROW-1952			molec	
2933.1	R	Head	P2							11:25		KOPP-1974			molec	
2933.1	V	P	SrCL							10:05		KOPP-1974			molec	
2933.1	V		SrCl							10:05		BARROW-1952			molec	
2933.2	R	Head	SbO							0:01		KOPP-1974			molec	
2933.7	R		(Znl)							2:31		BARROW-1952			molec	
2933.7	R	Band	Znl							2:31		KOPP-1974			molec	isotope 64
2933.87	R		SiTe							3:01		BARROW-1952			molec	
2933.87	R	Head	SiTe							3:01		KOPP-1974			molec	
2934	V		ZnCl ?			10						IMS-1950			molec	
2934.9	R		BO							3:07		BARROW-1952			molec	
2934.9	R		BO				9				°	IMS-1950		N	molec	
2934.9	R	Head	BO							3:07		KOPP-1974			molec	isotope 11
2935	d M		(CBr)									BARROW-1952			molec	
2935	L		ZnCl									BARROW-1952			molec	
2935.2	R	R	ScF							1:02		KOPP-1974			molec	
2935.25	R	Q2	PS							1:01		KOPP-1974			molec	isotope 32
2935.6	R		Na2							(1:0)	VI-4	BARROW-1952			molec	
2935.6	R	Band	Na2							1:00		KOPP-1974			molec	
2935.62	R		14N2							0:07		BARROW-1952			molec	
2935.7	R		BBr					7				IMS-1950	S	hf	molec	
2935.7	R		N2					9			Vegard-Kaplan	IMS-1950			molec	
2935.7	R	Head	N2							0:07		KOPP-1974			molec	
2935.8	R		11B79Br							0:00		BARROW-1952			molec	
2935.8	R	R	BBr							0:00		KOPP-1974			molec	
2935.8	V		SnCl				10					IMS-1950			molec	
2935.8	V	Band	SnCl							1:00		KOPP-1974			molec	
2935.8	V		SrCl							9:4 1:2		BARROW-1952			molec	
2935.8	V	P	SrCl							9:04		KOPP-1974			molec	
2935.8	V	P	SrCl							1:02		KOPP-1974			molec	
2935.96	V	Q1	GeCl							0:00		KOPP-1977 Sup			molec	isotope 74,35
2936	V		74Ge35Cl							0:00		BARROW-1952			molec	
2936	V	Head	GeCl							0:00		KOPP-1974			molec	isotope 11,79
2936	V		GeCl									IMS-1976			molec	
2936.19	R		PbO							0:01		BARROW-1952			molec	
2936.19	R	Band	PbO							1:01		KOPP-1974			molec	isotope 74,35
2936.2	R		Na2							8:0 11:2		BARROW-1952			molec	
2936.2	R	Band	Na2							11:02		KOPP-1974			molec	
2936.2	R	Band	Na2							8:00		KOPP-1974			molec	
2936.2	R	Head	P2							5:21		KOPP-1974			molec	
2936.23	V	P1	GeCl							0:00		KOPP-1977 Sup			molec	isotope 74,35
2936.4	V		SrF							2:00		BARROW-1952			molec	
2936.4	V	Head	SrF							2:00		KOPP-1974			molec	

2936.46	R		74Ge32S							5:01		BARROW-1952			molec	
2936.46	R	Head	GeS							5:01		KOPP-1974			molec	isotope 74,32
2936.7	R		SO2	Sulfur Dioxide			8					IMS-1950			molec	band impurity
2937.1	R	Orig	HS							2:00		KOPP-1974			molec	
2937.1	R	R2	O2+							6:06		KOPP-1974			molec	
2937.5	V		SiF							1:02		BARROW-1952			molec	
2938.5	R		12C16O+							7:11		BARROW-1952			molec	
2938.5	R	Head	CO+	Carbon Mono ion						7:11		KOPP-1974			molec	
2938.6	V	Orig	O2							4:01		KOPP-1974			molec	
2938.6	V		SiF							1:02		BARROW-1952			molec	
2938.6	V	P2	SiF							2:03		KOPP-1977 Sup			molec	
2938.6	V		SrCl							8:03		BARROW-1952			molec	
2938.8	V		SnCl							1:00		BARROW-1952			molec	
2939.75	R	Head	P2							2:19		KOPP-1974			molec	
2940.49	R	Head	S2	molecular sulfur						0:04		KOPP-1974			molec	
2940.5	V		NO							1:07		BARROW-1952			molec	
2940.6	R	Head	CP							8:01		KOPP-1974			molec	
2940.9	R		ZrO						(0:0)			BARROW-1952			molec	
2940.9	R	Band	ZrO							0:00		KOPP-1974			molec	
2941	R ?		Mg1H+							0:01		BARROW-1952			molec	
2941	R	Orig	MgH+							0:01		KOPP-1974			molec	
2941.15	R		PbS									BARROW-1952			molec	
2941.32	R		GeSe							1:04		BARROW-1952			molec	
2941.4	V		SrCl							0:01		BARROW-1952			molec	
2941.6	V		NO							1:07		BARROW-1952			molec	
2942.2	V		SiCl							0:00		BARROW-1952			molec	
2942.2	V		SiCl					8				IMS-1950			molec	
2942.2	V, DCD		SiCl									IMS-1976			molec	
2942.2	V	P	SrCl							0:01		KOPP-1974			molec	
2942.3	R		Pb2									BARROW-1952			molec	
2942.3	R	Band	Pb2									KOPP-1974			molec	
2942.6	R		ZnCl							0:00		BARROW-1952			molec	
2942.6	R		ZnCl				5		10			IMS-1950	S	hf	molec	
2942.6	R	Band	ZnCl							0:00		KOPP-1974			molec	
2942.8	R		ZnCl							1:00		BARROW-1952			molec	
2942.8	R	Band	ZnCl							1:00		KOPP-1974			molec	
2943	d M		(HgO)									BARROW-1952			molec	
2943	V		COS ?	Carbonyl Sulfide					10			IMS-1950			molec	
2943	d M		RbF							? :28		BARROW-1952			molec	
2943	M	Diff	RbF							? :28		KOPP-1974			molec	
2943	R		SO2	Sulfur Dioxide			9					IMS-1950			molec	band impurity
2943.02	R		SnS							7:02		BARROW-1952			molec	
2943.02	R	Band	SnS							7:02		KOPP-1974			molec	
2943.2	R		NO							1:07		BARROW-1952			molec	
2943.3	R	Band	ZnCl							1:01		KOPP-1974			molec	
2943.4	R		Ca35Cl							1:02		BARROW-1952			molec	
2943.4	V	P	CaCl							1:02		KOPP-1974			molec	isotope 35
2943.4	R		ZnCl							2:01		BARROW-1952			molec	
2943.4	R	Band	ZnCl							2:01		KOPP-1974			molec	

2943.4	R	Band	ZnCl							2:02		KOPP-1974			molec	
2943.8	R		ZnCl							2:02		BARROW-1952			molec	
2943.9	V	P	CaBr							0:00		KOPP-1974			molec	
2943.9	V		CaBr								UV	IMS-1976			molec	
2944	R	Band	Hg2							0:00		KOPP-1974			molec	
2944	R		Na2							(0:0)	VI-4	BARROW-1952			molec	
2944.1	R		ZnCl							3:02		BARROW-1952			molec	
2944.1	R	Band	ZnCl							3:02		KOPP-1974			molec	
2944.2	R		BBr						9			IMS-1950			molec	
2944.4	R		11B79Br							0:00		BARROW-1952			molec	
2944.4	?	Band	Hg2									KOPP-1974			molec	
2945	R	Head	O2							5:03		KOPP-1974			molec	
2945	R	R	OH							3:02		KOPP-1974			molec	
2945.2	R		O1H							3:02		BARROW-1952			molec	
2945.23	V	Q1	SiBr							2:02		KOPP-1977 Sup			molec	isotope 81
2945.4	L		Hg2								VII	BARROW-1952			molec	
2945.5	R		Na2							7:00		BARROW-1952			molec	
2945.5	R	Band	Na2							7:00		KOPP-1974			molec	
2945.5	R		Na2									IMS-1976			molec	
2945.6	R		CP							8:01		BARROW-1952			molec	
2945.91	V	P2	SiBr							2:01		KOPP-1977 Sup			molec	isotope 79
2945.91	V	Q1	SiBr							2:02		KOPP-1977 Sup			molec	isotope 79
2946.1	V		Pb79Br							0:03		BARROW-1952			molec	
2946.1	V	Band	PbBr							0:03		KOPP-1974			molec	isotope 79
2946.17	V	P2	SiBr							2:01		KOPP-1977 Sup			molec	isotope 81
2946.2	R	Q	AsO							2:05		KOPP-1974			molec	
2946.22	V	P1	SiBr							2:02		KOPP-1977 Sup			molec	isotope 79
2946.22	V	OP12	SiBr							2:01		KOPP-1977 Sup			molec	isotope 79
2946.32	V	P1	SiBr							2:02		KOPP-1977 Sup			molec	isotope 81
2946.4	R		(Znl)							2:32		BARROW-1952			molec	
2946.4	R	Band	Znl							2:32		KOPP-1974			molec	isotope 64
2946.6	R		Alo							(1:0)		BARROW-1952			molec	
2947.18	R		SiSe							4:06		BARROW-1952			molec	
2947.18	R	Head	SiSe							4:00		KOPP-1974			molec	
2947.2	V		Ca35Cl							0:01		BARROW-1952			molec	
2947.2	V	P	CaCl							0:01		KOPP-1974			molec	isotope 35
2947.3	R	Head	AuMg									KOPP-1974			molec	
2947.32	R	Orig	He2							0:00		KOPP-1974			molec	isotope 4
2947.6	R		12C16O+							3:08		BARROW-1952			molec	
2947.6	R	Head	CO+	Carbon Mono ion						3:08		KOPP-1974			molec	
2947.7	R		CSe							1:02		BARROW-1952			molec	
2947.7	R	Band	CSe							1:02		KOPP-1974			molec	
2947.7	R		SnO							2:04		BARROW-1952			molec	
2947.7	R	Band	SnO							2:04		KOPP-1974			molec	
2948.1	V		BBr						10			IMS-1950			molec	
2948.2	R		CHO?	Formyl Radical			7					Ethylene flame	IMS-1950		molec	
2948.2	R		Na2							(2:1)		BARROW-1952			molec	
2948.2	R	Band	Na2							2:01		KOPP-1974			molec	
2948.3	V		11B79Br							0:00		BARROW-1952			molec	

2948.3	V	Q	BBr							0:00		KOPP-1974			molec	isotope 11,79
2948.33	R	R2	PO							4:11		KOPP-1974			molec	
2948.5	R	Head	AlS							0:03		KOPP-1974			molec	
2948.5	R	R	ScF							2:03		KOPP-1974			molec	
2948.9	V	Q1	GeCl							2:03		KOPP-1977 Sup			molec	isotope 74,35
2948.9	V		Pbl							2:00		BARROW-1952			molec	
2948.9	V	Band	Pbl							2:00		KOPP-1974			molec	
2949.04	V	P1	GeCl							2:03		KOPP-1977 Sup			molec	isotope 74,35
2949.2	V		GeF							1:03		BARROW-1952			molec	
2949.2	V	Q	GeF							1:03		KOPP-1974			molec	
2949.34	R		74Ge32S							3:00		BARROW-1952			molec	
2949.34	R	Head	GeS							3:00		KOPP-1974			molec	isotope 74,32
2949.5	R		HgH									IMS-1976			molec	
2949.51	R		SnS							5:01		BARROW-1952			molec	
2949.51	R	Band	SnS							5:01		KOPP-1974			molec	
2949.55	R	R	HgH							0:00		KOPP-1974			molec	
2949.85	R	Q2	PO							4:11		KOPP-1974			molec	
2950	R		Au1H							0:02		BARROW-1952			molec	
2950	V	Band	Gel							6:00		KOPP-1974			molec	
2950	R		Hg1H							0:00		BARROW-1952			molec	
2950	R		ZrO							(0:0)		BARROW-1952			molec	
2950	R	Band	ZrO							0:00		KOPP-1974			molec	
2950.5	V		NO							1:07		BARROW-1952			molec	
2950.6	R	Orig	AuH							0:02		KOPP-1974			molec	
2950.8	R		NO							1:07		BARROW-1952			molec	
2951	L		11B79Br							0:00		BARROW-1952			molec	
2951	L	P	BBr							0:00		KOPP-1974			molec	isotope 11,79
2951.2	R		O1H							3:02		BARROW-1952			molec	
2951.62	R	Orig	He2							0:00		KOPP-1974			molec	isotope 4,4n
2951.7	V		SiF							0:01		BARROW-1952			molec	
2952	V		NO							1:07		BARROW-1952			molec	
2952.15	R		PbS							n/a		BARROW-1952			molec	
2952.15	R	Head	PbS									KOPP-1974			molec	
2952.2	R	Orig	O2							9:01		KOPP-1974			molec	
2952.465	R	R	CN+	Cyanide ion						2:00		KOPP-1974			molec	
2952.5	R		CN+	Cyanide ion								IMS-1976			molec	
2952.5	R	Head	O2									KOPP-1974			molec	
2952.6	R		(Znl)							1:32		BARROW-1952			molec	
2952.6	R,D		PS									IMS-1976			molec	
2952.6	R	Band	Znl							1:12		KOPP-1974			molec	isotope 64
2952.8	V		SiF							0:02		BARROW-1952			molec	
2952.8	V	P1	SiF							0:01		KOPP-1974			molec	
2952.8	V	P2	SiF							1:02					molec	
2952.96	n/a		SiTe							2:01		BARROW-1952			molec	
2952.96	R	Head	SiTe							2:01		KOPP-1974			molec	
2953.16	R	R1	PS							0:01		KOPP-1974			molec	isotope 32
2953.2	V		14N2							4:02		BARROW-1952			molec	
2953.2	V	Head	N2							4:02		KOPP-1974			molec	
2953.6	R		P2							6:22		BARROW-1952			molec	

2953.6	R	Head	P2								6:22		KOPP-1974			molec
2953.6	R		P2									Main	IMS-1976			molec
2953.8	R	Orig	ClO								6:00		KOPP-1974			molec
2953.8	R		SiO										IMS-1976			molec
2954	R		S2	molecular sulfur		10	7	8					IMS-1950		wv	molec
2954.1	R		11B79Br								1:01		BARROW-1952			molec
2954.2	V		GeBr								1:00		BARROW-1952			molec
2954.2	R		S2	molecular sulfur							7:01		BARROW-1952			molec
2954.4	M		BBr										IMS-1950		hf	molec
2954.6	L		11B79Br								1:01		BARROW-1952			molec
2955.1	V		10B79Br								1:01		BARROW-1952			molec