

Contents

1 Preface	1
2 The International Seismological Centre	2
2.1 The ISC Mandate	2
2.2 Brief History of the ISC	3
2.3 Former Directors of the ISC and its U.K. Predecessors	4
2.4 Member Institutions of the ISC	5
2.5 Sponsoring Organisations	9
2.6 Data Contributing Agencies	11
2.7 ISC Staff	18
3 Availability of the ISC Bulletin	23
4 Citing the International Seismological Centre	24
5 Operational Procedures of Contributing Agencies	26
5.1 The AWI Network Antarctica – Alfred-Wegener Institute, Germany	26
5.1.1 Introduction	26
5.1.2 Seismicity	27
5.1.3 History	29
5.1.4 Network Description	29
5.1.5 Data Processing	30
5.1.6 Data Quality	31
5.1.7 Data Availability	32
5.1.8 References	33
6 Summary of Seismicity, July - December 2014	35
7 Statistics of Collected Data	40
7.1 Introduction	40
7.2 Summary of Agency Reports to the ISC	40
7.3 Arrival Observations	45
7.4 Hypocentres Collected	51
7.5 Collection of Network Magnitude Data	53

7.6	Moment Tensor Solutions	59
7.7	Timing of Data Collection	61
8	Overview of the ISC Bulletin	63
8.1	Events	63
8.2	Seismic Phases and Travel-Time Residuals	72
8.3	Seismic Wave Amplitudes and Periods	78
8.4	Completeness of the ISC Bulletin	80
8.5	Magnitude Comparisons	81
9	The Leading Data Contributors	86
9.1	The Largest Data Contributors	86
9.2	Contributors Reporting the Most Valuable Parameters	88
9.3	The Most Consistent and Punctual Contributors	92
10	Appendix	94
11	Glossary of ISC Terminology	112
12	Acknowledgements	116
References		117