

MARINE SCIENCE CO-ORDINATION COMMITTEE

Minutes of the meeting held on 21 – 22 September 2016, at the National Oceanography Centre, Southampton

Theme: Creating an authoritative MSCC

Meeting Chairman

Dr Linda Rosborough **Scottish Government, Marine Scotland**

Attendees

Prof Ian Boyd **Department for Environment, Food and Rural Affairs**

Anne Brazier **MSCC Secretariat (minutes)**

Adrian Burrows **Department for Business, Energy & Industrial Strategy**

James Carey **United Kingdom Hydrographic Office**

Timothy Clarke **Defence Science and Technology Laboratory**

Patrick Cotter **MSCC Secretariat**

Prof Mike Cowling **The Crown Estate**

Alexander Crook **Department for Business, Energy & Industrial Strategy**

Dr Carey Cunningham **Marine Scotland**

Prof Stephen de Mora ***Ad Hominem* Member**

Prof Mike Elliott **Non-Executive Member**

Henry Green **Government Office for Science (GO-Science)**

Stephen Hall **United Kingdom Intergovernmental Oceanographic Commission**

Prof Ed Hill **Natural Environment Research Council**

Charles Jans **Government Office for Science (GO-Science)**

Prof Tim Jickells **Department for Environment, Food and Rural Affairs Science Advisory Council**

Prof Michel Kaiser	Non-Executive Member
Prof Peter Liss	Marine Environmental Data and Information Network (MEDIN) and Underwater Sound Forum
Dr Adrian Martin	National Oceanography Centre (NOC)
Dr Caron Montgomery	Department for Environment, Food and Rural Affairs
Dr Rachel Muckle	Department for Environment, Food and Rural Affairs
Dr Julius Piercy	MSCC Secretariat
Dr Tavis Potts	Non-Executive Member
Dr Katherine Raymond	Welsh Government
Prof Stuart Rogers	Centre for Environment, Fisheries and Aquaculture Science
Dr John Speers	Department of Agriculture, Environment and Rural Affairs, Northern Ireland (DAERA-NI)
Dr Richard Wood	Met Office

Apologies

Dr Steve Freeman (Marine Industries Liaison Group), Dr Mark James (Non-Executive), Department for Transport, Foreign and Commonwealth Office, Joint Nature Conservation Committee, Scottish Environment Protection Agency.

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1. Introductions, welcome and apologies for absence

1. The Chair introduced herself to Members and welcomed attendees to the first MSCC Plenary meeting to be held over two days, which, it was hoped, would result in more time for productive dialogue and engagement between Members.
2. The Chair articulated the aims of the meeting, namely to identify the path for a better MSCC and for the meeting to conclude with real and substantive actions to take forward which will make the MSCC more authoritative and effective.

2. Action points arising from the MSCC meeting held on 16th March 2016

3. The list of < 50 m vessels is making good progress. Initial observations show the majority of vessels are under 10 m. On completion the list will be circulated to Members for information **ACTION 1: MSCC Secretariat.**
4. Copernicus funding opportunities have been circulated and funding has now been confirmed for a marine social sciences modelling workshop. The Executive to continue to seek to hold more science-policy workshops **ACTION 2: MSCC Executive.** Members are encouraged to advise the MSCC Secretariat of further funding opportunities **ACTION 3: Members.**
5. A presentation on the Marine Management Organisation's Marine Information System will be arranged for the March 2017 Plenary meeting **ACTION 4: MSCC Secretariat.**
6. A formal induction, and defined roles for Non-Executive Members, to be discussed by MSCC Executive **ACTION 5: MSCC Executive.**
7. The relationship between the MSCC and the Ministerial Science Group needs to be clarified, and re-enacted, once the membership of, and way forward for, MSCC is clear **ACTION 6: MSCC Secretariat.**

8. MSCC and Department for Business, Energy & Industrial Strategy to reconsider the forging of closer links with JPI Oceans following the UK's planned exit from the EU
ACTION 7: Dr Montgomery.

3. Updates from MSCC subgroups on Action Plan

9. Members discussed the following items from paper MSCC/2016/08. The **International Working Group** continues to ensure Members views are collated and submitted into post BREXIT Inquiries. The Group is working hard to ensure their close working relationship with UNESCO is maintained. New processes and initiatives, especially in respect of Areas Beyond National Jurisdiction, make it even more imperative that Government Departments communicate, and Members again commented on the absence of the Foreign and Commonwealth Office (FCO) and the Department for International Development (DfID) from the Plenary meeting. Members asked that a closer look at the international scene be an aspect of a future Plenary meeting **ACTION 8: MSCC Executive**. Of note is the completion of mapping of UK and European data initiatives by the Marine Environmental Data and Information Network. This will be updated yearly.
10. The **Productive Seas Evidence Group** has compiled and delivered an update to the socio-economic elements of the Marine Strategy Framework Directive (MSFD) Initial Assessment, which will be circulated to the MSCC and its subgroups for their consideration. The acting chair of the Group, Professor Cowling, has stood down and was thanked by the Chair for his work.
11. The **Marine Industries Liaison Group (MILG)** had requested permission from the Plenary to respond to Inquiries in their own right. After debate, it was decided that the Group should not respond to consultations as an entity but, of course, Members may respond on behalf of their own organisations. It was suggested that GO-Science should talk to the MILG membership and that MILG should investigate food production as one of its work streams for 2017 and beyond. Dr Montgomery to feed these points to MILG membership **ACTION 9: Dr Montgomery**. Members requested that the Group's review of the potential synergies between decommissioning of offshore oil and gas structures and offshore wind farms be circulated **ACTION 10: MSCC Secretariat**. Members applauded the work of the

Group but requested that opportunities to work with other MSCC Evidence and Working Groups be explored **ACTION 11: Marine Industries Liaison Group.**

12. Members were advised that Professor Colin Moffat will be standing down as Chair of the **Science Alignment Working Group.**
13. Members were provided with an update regarding new UK climate change projections for UK waters. Since the 2009 projections two things have happened; there has been an update for MINERVA. The peer review has been completed and accepted and a link to the data will be sent to Members **ACTION 12: Dr Wood / MSCC Secretariat.** Future predictions will use the UKCP18 major upgrade to build upon the current set of projections (UKCP09) to inform the Government's third Climate Change Risk Assessment, which is due for completion in 2022. This will include better characterisation in the uncertainties for projections on coastal sea level and at a local site scale. User Groups have been established but there is a last opportunity for interested parties to contribute. More information can be accessed at <http://ukclimateprojections.metoffice.gov.uk/24125> Members suggested that UKCP18 be an agenda item at a subsequent Plenary meeting **ACTION 13: MSCC Secretariat.**

4. 'Future of the Sea' Foresight Project Workshop

14. Professor Boyd introduced this Project Workshop to Members, emphasising its importance and relevance to the MSCC, especially if seen in tandem with the continuous changes taking place in Defra and its evolving governance structure. Foresight projects are generated by the Government Office for Science to horizon scan areas of interest so as to provide a robust evidence-driven view of the future which can be acted upon by policy makers. The 'Future of the Sea' project will be cross-departmental, with Professor Boyd, the Defra lead for this project, acting as Co-Chair with Sir Mark Walport, and will provide a final report setting out evidence based recommendations for policy makers.
15. A series of expert group workshops were planned as part of the Project, which aim to help identify and prioritise policy areas. Members were asked to respond to the questions 'What are the UK's marine and maritime interests', "What are the

challenges' and 'What should policy focus on' for the environmental, economic and political/governance parameters supplied by GO-Science. Members queried the parameters used to define 'UK waters' and suggested that 'marine reliant' rather than 'marine' communities would be a more appropriate criterion.

16. Other notable comments include the addition of safety at sea, down-skilling of some industries, carbon sequestration, tsunami risk (and other geo-hazards), sustaining marine environmental services, building resilience, national (UK) politics, nitrogen spill from land to sea, hypoxia and anoxia.
17. Members suggested that it would be valuable to superimpose the issues recognised on the organogram of all the marine management organisations.
18. Emerging disruptive technologies and opportunities were identified by members in breakout sessions. These were Marine Autonomous Vehicles, Genomics, Social Media and Communication, Big Data, Citizen Science, Collection, Transfer and Storage of Energy, Synthesis of Complex Information (Computing Technology), Floating Platforms (e.g. floating windfarms), Quiet Tech (to alleviate noise pollution), Aquaculture, Surveillance Technologies, Deep Sea Mining, Automated Vessels, Arctic Shipping, Plant Food for Aquaculture, Developing new Skill Base for the disruptive technologies, e-DNA, Remote Sensing, Forensics, Artificial Intelligence, Progressive Miniaturisation of Technologies, Supercomputers.
19. Some key issues arose which included, Decommissioning & Building New Structures, Detecting Illegal Immigration, Increasing Size of Container Vessels and Capacity of Ports to handle them.
20. The emerging technologies will be sense checked with user groups who make money from the sea, for example shipping and insurance organisations. To this end, GO-Science were urged to engage with the Marine Industries Liaison Group.
21. Member comments were noted by GO-Science who thanked Members for their valuable input. It is anticipated that MSCC will continue to input into the 'Future of the Sea' project and that the Project's findings will influence the MSCC Marine Science Strategy refresh. Dr Muckle and GO-Science to discuss the latter's alignment with that of formal assessment groups **ACTION 14: Dr Muckle.** Dr Muckle and Professor Hill to be the formal line for GO-Science engagement with the

MSCC ACTION 15: Prof Hill/Dr Muckle, with Dr Piercy taking on the role of emailing specific questions to Members **ACTION 16: Dr Piercy**.

5. Results from the survey on MSCC partnerships and the Committee's effectiveness

22. Members were presented with the main findings and recommendations from this survey that was carried out over summer 2016 by Theresa Schwarz as part of her MSc project. Feedback was collected from MSCC Members, and some of its sub group memberships, on the principal barriers to MSCC partnerships and better coordination, and their recommendations for improvement. There were differing views on the amount of time Members appeared to be prepared to dedicate to MSCC meetings and also on whether the membership should be expanded or maintained.
23. The survey showed that Members thought the science community perceived the MSCC with apathy, which suggest there is a greater need for internal and external communication with scientific audiences both nationally and internationally. A report has been produced based on the survey results and will be available to Members upon request.
24. Members discussed the findings of the survey and queried whether participants were considering the Executive and Plenary, the sub groups or a combination of the two. There did seem to be consensus amongst Members that regular workshops would help raise the profile of the MSCC and also help its reputational value within the scientific community.

6. Issue tree workshop

'How can we make MSCC an authoritative decision-making committee that aligns priorities and drives efficiency into the delivery of marine evidence?'

25. Members were informed that the issue tree method would be used in this workshop to break down the above question into a subset of questions, which could be addressed by well-defined work streams. The workshop would build on the discussions that took place at the March 2016 plenary meeting, and also the findings

from the partnership survey data, to identify a pathway to overcome the obstacles for the better governance, funding, delivery and co-ordination of the MSCC.

26. Members agreed that the above statement did not quite capture the question and, after discussion, the question was changed to: **'How can we make MSCC an authoritative committee that engages with policy, decision makers and the science community in order to recommend priorities and drive efficiency in the delivery and application of marine science?'**

27. Members took this question and, working in groups, began to formulate a way forward using the issue tree method. The Secretariat then produced a paper summarising the workshop findings for discussion on day two of the meeting. This is discussed further under Agenda item 10.

7. Strategy Refresh

28. At the MSCC Plenary meeting in March 2016 Members agreed that a refresh of the UK Marine Science Strategy was required, especially as the political and economic climate has altered significantly since 2010, and a document that better reflects cross-departmental interests, collaboration with industry, NGOs and academia, and which better engages Ministers is needed. Members were reminded that the MSCC's working and evidence groups combined include many of the best and most renowned marine scientists in the UK and this message needs to be made clear in any refresh.

29. The proposal to revise and update the existing Strategy according to the revised contents list was accepted by Members who raised the following points; the MSCC should constrain the scope to ensure it is an update not a re-write, focus should be on broadening the scope to include new areas of marine interest from other Government Departments, the new draft needs a strong section on how UK marine science has a series of policy customers, including the Department for International Development, the Foreign and Commonwealth Office, and the Devolved Administrations. There must be a clear message within the Strategy, which will ensure every policy customer can see their role, and there must be reference to international activity and the energy sector.

30. Additionally, the GO-Science Foresight programme report, available from May 2017, will form the basis of the section within the Strategy on future science policy questions and the Strategy must contain a section showing how the MSCC will take the Strategy forward, with a clear link to a much-improved governance process.
31. Members discussed how best to proceed with implementation and it was agreed that a single person (or a maximum two persons), preferably from academia and with appropriate skills to undertake the initial drafting, should be identified **ACTION 17: Prof Hill** and that a decision should be made on the resourcing of the Strategy refresh **ACTION 18: Profs Hill and Rogers/Dr Muckle**.
32. It was agreed that a steering group including the Non-Executive Members and Marine Industries Liaison Group Chair and Government representatives would work closely with the chosen author to ensure a balanced representation of all parties, including industry and the international community **ACTION 19: Strategy Refresh Steering group**. Prof Rogers and Dr Muckle to discuss Government representation on the Steering Group **ACTION 20: Prof Rogers and Dr Muckle** and ensure a first draft will be available for comment early in 2017. This will be circulated to send out for consultation in mid 2017 (comment, further edit and sign off) via the broad distribution base of the Non-Executive Members, the Marine Industries Working Group and experts from the Communications Working Group **ACTION 21: MSCC Secretariat**. The Secretariat to advise Non-Executives Members of the remuneration payable for undertaking this work **ACTION 22: MSCC Secretariat**.

8. G7 Future of the oceans

33. Members were reminded of the background to the G7 Future Oceans Initiative, which aims to make sense and improve projections of global and regional-scale long-term change and variability; sustain the productive capacity and resilience of the seas' and oceans' ecosystems as they come under increasing pressure from human activities; and to minimise human impacts on the ocean and seas through a more sustainable use of resources.
34. Recommendations (MSCC/2016/13) from a G7 workshop held at Southampton in March 2016 have been received positively by G7 Science Ministers and a report

setting out positive actions has been requested. Professors Hill and Richard Sanders will lead on behalf of the United Kingdom, with Dr Adrian Martin as co-ordinator, with the UK co-leading on four of the five recommendations. Alex Crook informed members that this initiative is a top priority for the Science Minister Jo Johnson.

35. Members were asked to discuss how the UK could engage in any future science programmes that the G7 initiative may enable and fund related to the five recommendations. The Devolved Administrations requested that the initiative engage more closely with their scientists and marine policy leads. **ACTION 23: Dr Martin.** Any Member wishing to comment on the five recommendations should contact Dr Adrian Martin in the first instance (adrian.martin@noc.ac.uk). It was agreed that Dr Martin will feed information for circulation to the MSCC, including the outcomes of a further workshop to be held in November 2016, **ACTION 24: Dr Martin/MSCC Secretariat.**

36. Members were extremely positive about the Initiative but did stress the Initiative must join up with other co-ordinating mechanisms, including MEDIN, and engage with the Intergovernmental Panel on Climate Change (IPCC) via the Met Office **ACTION 25: Dr Wood.** It was further agreed that the G7 Initiative should be an agenda topic at the next NOC Association meeting **ACTION 26: Professor Liss.**

9. Structure of MSCC

37. Members endorsed the findings of the MSCC partnerships and effectiveness survey in that some of the MSCC's Working and Evidence Groups add value to the co-ordination and delivery of marine science across the UK but other Groups are operating ineffectively. Members were asked to discuss which Groups could operate more effectively and how; should the MSCC structure reflect the distinct work streams identified from the refreshed UK Marine Science Strategy; What resources should be allocated to the Groups, how should they be lead, who should the Groups report to and what should they report.

38. After discussion it was agreed that the Science Alignment Working Group should cease its work and that any functions of the group be integrated into the Plenary meetings.
39. Members also discussed the role of the Communications Working Group and whether it could be more effective if embedded in the working groups. There was recognition of the important role of communicating the work of the MSCC to make it an authoritative committee, but also of the missed opportunities in communicating the work of the MSCC subgroups as evidenced a number of times over the course of this meeting. Members suggested that an alternative model would be for the Chairs of all Working and Evidence groups to meet once a year to discuss the communication of the MSCC message and remit. Dr Potts to put forward these suggestions to the Communications Working and discuss the options further
ACTION 27: Dr Potts.
40. Members did endorse the formation of a fixed-term Social Sciences Task Group which would provide a platform for UK marine social science researchers and policy makers to align needs and inform UK policy priorities, and to advance world leading social science both nationally and internationally. It is anticipated the remit of the Group will align around three topics; social values, behaviours and uses, ecosystem services, well-being and blue-health, and social science and policy integration.
41. In the first instance, this group would be tasked with contributing to the UK Marine Assessment for 2018 which is being co-ordinated by the UKMMAS Secretariat and is to have a first draft completed by 2018. Dr Potts would contact the UKMMAS Secretariat to discuss the required outputs for the UK Marine Assessment 2018 and organise a Social Sciences Workshop to deliver the contribution in the short timescale required. **ACTION 28: Dr Potts / UKMMAS Secretariat**
42. The continuation of the Group would be re-evaluated at the next MSCC plenary meeting as it would require secretariat support from the MSCC for the organisation of meetings, disseminating minutes and aligning with MSCC Groups and objectives. Additionally financial support would be required for two meetings per annum. Any Members wishing to express an interest in joining this Group to contact Dr Potts in the first instance **ACTION 29: Members.**

43. Members identified a requirement for the MSCC to help market UK science internationally via the Science Innovation Network (SIN). Alex Crook would provide FCO contact and join the MSCC International Working Group IWG to bridge the SIN and IWG interests. **ACTION 30: Alexander Crook.** It was requested that the MSCC International Working Group circulate a list of international funding opportunities and that Members add to list and comment on opportunities that are not currently being tapped into sufficiently **ACTION 31: Stephen Hall / Members.**

10. Terms of Reference review and future actions

44. Dr Muckle advised Members that Defra is under pressure to wind down MSCC involvement, which will seriously impact on the functionality of the Secretariat so any Members who can provide help, either financial or in kind should contact the MSCC Executive Board **ACTION 32: Members.** Members requested that the Secretariat provide figures on the cost of running the MSCC Secretariat so this can be discussed in more detail and funding proposals drawn up, including that of funding for the MSCC being spread over the membership and the identification of where resources can be shared to maximise efficiencies. **ACTION 33: MSCC Secretariat**

45. Members agreed there needs to be a sharper focus by the MSCC on specific topical problems; for example sea level rise in the Overseas Territories. Again there was consensus that workshops should be a regular feature of the MSCC remit, with a workshop of interest to the FCO a priority **ACTION 34: MSCC Secretariat.** It was agreed that Prof Ed Hill provide an existing list of Governmental priorities to Dr Muckle who would co-ordinate approaching other Departments and Devolved Administrations to cross-check their marine priorities. The Evidence Action Plan produced by the Defra Group and the Welsh Government should be used as a template to avoid duplication. This information on priorities would be used to set the format for future MSCC workshops, perhaps in tandem with GO-Science **ACTION 35: Prof Hill / Dr Muckle.** Dr Potts offered student resource to assist with pulling together priorities.

46. Members debated how to ensure that the MSCC appears as authoritative and credible and is able to forge effective links and engagement between science and policy, providing added value to those collaborating with the MSCC, with this 'added value' recorded for any potential future Ministerial scrutiny. It was suggested the

MSCC make contact with Chief Scientific Advisors with a view of pitching what the MSCC can offer in terms of a resource at the CSAs disposal **ACTION 36: Dr Muckle.**

47. All Members were tasked with the action of looking at the Issue Tree workshop outputs paper, especially the questions contained in blue boxes. Any Member who feels they can take the lead on answering one or more of these questions to contact the Secretariat **ACTION 37: Members.** The Chair expressed thanks for the production of the outputs paper by Drs Piercy and Montgomery and deemed it an excellent piece of work.

11. Any Other Business and date of next meeting

48. Members agreed a two-day meeting preferable but requested that all attendees stay in the same hotel for the evening of day one **ACTION 38: MSCC Secretariat.** An offer was made for the next (March 2017), or a subsequent meeting, to be held at the University of Bangor **ACTION 39 MSCC Secretariat.** Members further requested that the dates for both 2017 Plenary meetings be fixed as soon as possible **ACTION 40: MSCC Secretariat.**

49. The Chair thanked Members for their positive and valuable input over the two days, and for the impressive progress made towards a new set of directions for the MSCC. The Chair further thanked the National Oceanography Centre for their hospitality.

Table of Actions

Paragraph	Action	Responsibility
3.	1. Circulate to Members list of < 50 m vessels	MSCC Secretariat
4.	2. Continue to seek to hold more science – policy workshops	MSCC Executive
4.	3. Advise Secretariat of funding opportunities	Members
5.	4. Arrange for presentation on Marine Management	Secretariat

	Organisation's Marine Information System at March 2017 Plenary meeting	
6.	5. Discuss formal induction and defined roles for Non-Executive Members	MSCC Executive
7.	6. Clarify and re-enact relationship between MSCC and Ministerial Science Group	MSCC Secretariat
8.	7. Reconsider the forging of closer links with JPI Oceans post BREXIT	Dr Montgomery
9.	8. The 'international scene' be an aspect of a future Plenary meeting	MSCC Executive
11.	9. GO-Science to talk to MILG membership and MILG to consider the investigation of food production as a work stream	Dr Montgomery
11.	10. MILG's review of the potential synergies between the decommissioning of offshore oil and gas structure and offshore wind farms to be circulated to Members	MSCC Secretariat
11.	11. MILG to explore opportunities to work with other MSCC Evidence and Working Groups	MILG
13.	12. Link to MINERVA update to be circulated to Members	Dr Wood / MSCC Secretariat
13.	13. UKCP18 be an agenda item at Plenary meeting	MSCC Secretariat
21.	14. Discuss with GO-Science their science alignment to ensure in line with those of formal assessment groups	Dr Muckle
21.	15. Be formal line of engagement with GO-Science on behalf of MSCC	Prof Hill/Dr Muckle
21.	16. Email specific questions to Members on behalf of GO-Science	Dr Piercy
31.	17. Identify, preferably from academia, and with appropriate skills, to undertake initial drafting of	Prof Hill

	Strategy	
31.	18. Decide how Strategy refresh should be resourced	Prof Hill / Prof Rogers / Dr Muckle
32.	19. Work closely with chosen author to ensure Strategy provides a balanced representation of all parties	Strategy Refresh Steering Group
32.	20. Decide Government representation on Strategy Refresh Steering Group	Prof Rogers / Dr Muckle
32.	21. Circulate first draft of Strategy for consultation via contact base of Non-Executive Members, Chair of MILG and experts from Communications Working Group.	MSCC Secretariat
32.	22. Advise Non Executive members of remuneration payable for work on Strategy refresh	MSCC Secretariat
35.	23. G7 Initiative to engage more closely with Devolved Administrations	Dr Martin
35.	24. Feed information on G7 initiative to Members, including outcomes from November 2017 workshop	Dr Martin/MSCC Secretariat
36.	25. Ensure G7 engages with MEDIN and the IPCC via Met Office	Dr Wood
36.	26. G7 to be an agenda topic at next NOC Association meeting	Prof Liss
39.	27. Present MSCC recommendations to Communications Working Group and discuss options for future of the group.	Dr Potts / Communications Working Group
41.	28. Organise a Social Science Task Group workshop to produce a Social Sciences assessment for the UK Marine Assessment 2018.	Dr Potts / UKMMAS Secretariat
42.	29. Any Member interested in joining Social Sciences Task Group to contact Dr Potts	Members
43.	30. Develop contacts between Science Innovation Network and MSCC International Working Group	Alexander Crook

43.	31. Provide list to members on international opportunities and members to comment and identify untapped opportunities	Stephen Hall / Members
44.	32. Any Member/Organisation who can provide Secretariat help, either financially or in kind, to contact Executive Board	Members
44.	33. Members to be provided with the cost per annum of running MSCC Secretariat	MSCC Secretariat
45.	34. Arrange MSCC workshop which will be of interest to FCO	MSCC Secretariat
45.	35. Prof Hill to provide existing list of Government Priorities and Dr Muckle to co-ordinate discussions on priorities with other Government Departments and Devolved Administrations (i.e. top three marine priorities) with the view of using these priorities as the basis for future workshops	Prof Hill / Dr Muckle
46.	36. Formulate a pitch on what the MSCC does to the Chief Scientific Advisors with a view to highlighting the committee as a valuable resource at their disposal.	Dr Muckle
47.	37. Look at Issue Tree workshop outcomes and contact Secretariat if can answer, or lead on, questions	Members
48.	38. Ensure all attendees at Plenary stay overnight in same hotel	MSCC Secretariat
48.	39. Explore possibility of University of Bangor hosting next, or a subsequent Plenary	MSCC Secretariat
48.	40. Fix dates for both 2017 Plenary meetings and circulate to Members as soon as possible	MSCC Secretariat