

PRESENT – MEMBERS

Dr J. A. Clark	(Chairman)	MMO appointee (Marine Science)
Mr R. Benson		MMO appointee (Fishing Industry – North West)
Mrs J. Butler		MMO appointee (Shellfish sector)
Mr D. Clarke		MMO appointee (Fishing Industry – Cumbria)
Mr B. Crawford		MMO appointee (Anglers and Recreation)
Mr D. T. Dobson		MMO appointee (Anglers and Recreation)
Councillor P. Glasman		Wirral Council
Mr R. Graham		MMO appointee (Commercial)
Mr T. Jones		MMO appointee (Commercial/aquaculture)
Mr C. Lumb		Natural England (Officer)
Mr A. Maltby		MMO appointee (Fisheries Management)
Mrs M. R. Owen		MMO appointee (Fishing Industry – North West)
Ms C. Reed		MMO appointee (Marine Science/Conservation)
Mr N. Robinson		MMO (Officer)
Dr P. Williams		MMO appointee (Recreation)
Mr C. J. Woods		MMO appointee (Fishing Industry – North West)

OFFICERS

Dr S. M. Atkins	Mr A. Deary
Mrs K. Atkins	Mr H. Thinnesen
Mrs I. V. Andrews	Ms M. Knott
Mr S. Brown	Ms A. Leadbeater
Mrs C. Dobson	

IN ATTENDANCE

Mr R. Beresford	Wirral Council
Mr S. Benson	Lancashire County Council

APOLOGIES

Councillor T. Beaumont	Liverpool City Council
Councillor M. Byram	Cheshire West & Chester Council
Prof C. Frid	MMO appointee (Marine Science)
Mr D. Grunshaw	MMO appointee (Shellfish aquaculture)
Councillor R. Hignett	Halton Council
Councillor J. J. Kelly	Sefton Council
Councillor K. Little	Cumbria County Council
Councillor A. J. Markley	Cumbria County Council
Mr J. D. Murphy	MMO appointee (Marine)
Councillor A. Thornton	Lancashire County Council
Mr C. Lomas	Liverpool Council
Mr D. McAleavy	Sefton Council

148 CHAIRMAN'S ANNOUNCEMENTS

1. The Chairman welcomed visitors and members of the public.
2. The Chairman informed Members that Councillors Malcolm Byram (Cheshiire West and Chester) and Albert Thornton (Lancashire) were in hospital and it was agreed that Officers be asked to write to them with Members' best wishes for a speedy recovery. This would have been Councillor Thornton's last meeting as he was not

standing for re-election in May. Members agreed that Officers should write to Councillor Thornton with the IFCA's thanks for his support and during his period of service with the Authority.

3. Minutes of the Finance Sub-Committee meeting held on 20 March 2013, TSB Sub-Committee meeting held on 11 December 2012 and an update on the Foulhaze Cackle Fishery (Agenda Item 11) were tabled.
4. The Chairman announced two items of Any Other Business. Verbal reports relating to a proposed new sea wall at Rossall, Blackpool and a report on the Foulney Mussel Fishery would be given at Agenda Item 15.

149 DECLARATIONS OF INTEREST

Agenda Item 12 (Marine Conservation Zones consultation response. Mr R. Benson, Mrs J. Butler, Mr T. Jones, Mrs M. R. Owen.

150 TO RECEIVE MINUTES OF THE NWIFCA AND TSB SUB-COMMITTEE MEETINGS HELD ON 11 DECEMBER 2012 (Agenda Item 3)

The report on the meeting of the Technical, Science and Byelaw Sub-Committee held on 11 December 2012 was presented by the Chairman. Items discussed were cockle transplant trials, Dee Cockles and Mussels, Foulney Mussels, Razor Clam Development and the Liverpool University Fisheries Sustainability Research. Mr Graham said an interesting feature of the TSB Sub-Committee debate was the question of the Authority's responsibilities in the Dee. It was clear that a better understanding of the roles of IFCA and EA within the Dee was needed and it was felt a report should be produced for the next meeting of the TSB.

Mr Graham said there was potential for a razor clam fishery off Walney and further down the coast but the EU do not permit electro fishing and dredging is not environmentally sustainable. MMO are investigating the potential for EU consent of electro fishing.

Dr Atkins reported on a meeting held yesterday with officers of EA North West and Natural Resources Wales to discuss operation of the Dee Cackle Fishery Order in the future as NRW believes it cannot warrant its officers to enforce the regulations under the Order. Regular liaison between regulators was agreed to be a priority. NWIFCA will continue to attend meetings of the Dee Liaison Committee which met twice a year. Councillor Glasman said Wirral Council would like to be involved.

RESOLVED

1. The minutes of the NWIFCA meeting held on 11 December 2012 be approved and signed as a correct record.
2. The report on the Technical, Science and Byelaw Sub-Committee meeting held on 11 December 2012 be received.

151 MATTERS ARISING (Agenda Item 4)

There were no matters arising.

152 REPORT ON VESSEL SUB-COMMITTEE HELD ON 18 FEBRUARY 2013 (Item 5)

The Chairman reported that discussion had focused on specification and requirements for the new patrol vessel. The sub-committee had agreed that re-tendering for the vessel should continue to be based on a length of vessel of 24/26M. Funding options had been discussed and more details on that aspect would be provided with the report of the Finance Sub-Committee.

## RESOLVED

That report be received.

### 153 REPORT ON FINANCE SUB-COMMITTEE HELD ON 20 MARCH 2013 (Agenda Item 6)

A paper prepared by Lancashire County Council (LCC) outlining their proposals to assist with financing for the replacement vessel was tabled. LCC offered to act as the lead procurement authority and proposed three options depending on the life expectancy of the vessel. Spreading the cost would make the financial burden on councils less onerous. The question of funds in Cumbria CC reserves previously earmarked for the replacement of a vessel for the old Cumbria SFC was discussed and officers from Lancashire County Council were seeking clarification from Cumbria on that point.

The Financial Report and updated Financial Regulations were approved

A proposal for a replacement inshore patrol boat for Southern part of District was approved for further development and costing. The Committee unanimously approved purchase from 2012-13 underspend.

## RESOLVED

The report be received.

### 154 STANDING ORDERS/MEMBERS' CODE OF CONDUCT/FINANCIAL REGULATIONS (Agenda Item 7)

Dr Atkins reported that some IFCA corporate documents had been compiled into a single Constitution. The Constitution would be reviewed and updated annually.

Mr Woods queried the provision in Standing Orders for Members to speak for 3 minutes unless at the discretion of the Chair. He pointed out that the TSB Sub-Committee had agreed to allow open dialogue but Constitution 8.8 stated that the Standing Orders of the Authority applied to sub-committees, which would take out the ability to have open dialogue. The Chairman stated that discussion should be through the Chairman who had flexibility to allow interventions of longer than 3 minutes.

The Finance Officer pointed out the date of approval shown in the Standing Orders and Financial Regulations were now incorrect and should read 19 April. It was suggested Members should amend their copy by hand where necessary and this was agreed.

## RESOLVED

The North Western IFCA constitution be approved.

### 155 FINANCIAL REPORT (Agenda Item 8)

The report was prepared for the cancelled 22 March meeting. The budget review, to 31<sup>st</sup> January 2013, was approved. .

The Chairman asked for approval of the various components in the report. Approval of the Budget Review to 31 January was proposed by Mrs Owen and seconded by Mr Graham. Approval of the Risk Assessment was proposed by Councillor Glasman and seconded by Mr Crawford. Approval of the Effectiveness of Internal Audit was proposed by Ms Reed and seconded by Mr Crawford. Approval of the updated Financial Regulations was proposed by Mrs Owen and seconded by Mr Crawford.

## RESOLVED

1. The report be received.
2. The Budget Review to 31 January 2013 be approved.
3. The Risk Assessment be approved.
4. The Effectiveness of Internal Audit be approved.
5. The updated Financial Regulations be adopted.

## 156 ENFORCEMENT DIRECTOR'S REPORT (Agenda Item 9)

The new Head of Enforcement, Mr Andy Deary, started in post towards the end of the reporting period. Mr Deary reported one prosecution relating to illegal cockling activity on the Ribble and one other investigation was ongoing.

Mr Graham said small scallopers worked out of Maryport and Whitehaven in the season 1<sup>st</sup> November to May following and normally landed in the Isle of Man. The small vessels did little damage to the sea bottom and were an integral part of the North West fishery.

Mr Graham said multi-rigged vessels from Southern Ireland work to the 6 mile limit of the Authority's District. MMO were also concerned about the activity at the moment. It was important for 'Solway Protector' to be at sea and fit for purpose to deal with those vessels. Mr Deary assured members they would be an enforcement priority.

The Chairman proposed to take the report on the Foulney Mussel Fishery from AOB here.

Foulney is a size mussel fishery but there had been issues recently of undersized mussels being taken. Officers plan meetings with industry to discuss measures. Mrs Owen said the wrong messages had been given to the fishermen concerned. They had been booked for taking undersized mussels which they found very upsetting as they were under the impression they had not been working illegally. She suggested there may have been a genuine mix up and hoped those points could be taken into consideration.

Dr Atkins said he had no evidence of confused messages being given out. At its last meeting the Authority had agreed to a size and not a seed mussel fishery at Foulney. Since then there had been a number of attempts to land undersized mussels. Fishermen should limit fishing to tides big enough to access size mussels. At present size mussels are only accessible on tides less than 1m. If problems with undersized mussels being taken continued the Authority would have no alternative but to close the fishery.

The Chairman asked if any member of the public wished to comment.

Mr Petrie said they were not going out intentionally to pick seed but sometimes seed mussel got blown on to size mussel which was hard to get out. They had an efficient machine to riddle mussels but even that machine could not riddle them effectively. They had been told the area was OK to fish. The Chairman said Mr Deary would arrange to meet with fishermen to discuss the matter to try and find the best way of managing the situation.

## RESOLVED

The report be received.

157 CHIEF OFFICER'S REPORT AND ANNUAL PLAN (Agenda Item 10)

The Chief Executive's report covered Health and Safety Policy, staff changes, byelaws, Annual Plan, AIFCA and Boughton Estate claim of private fisheries rights in Morecambe Bay.

Health and Safety. There were no new Health and Safety issues to report.

Staff Changes. 2 new Fishery Officers had been appointed to work flexibly across the District. Andy Deary, Head of Enforcement would have overall responsibility for enforcement operations. Scientific Officer Helen Ake had left the service of the IFCA and Mandy Knott had been promoted to Senior Scientist.

Byelaws. The Heysham Bass Nursery Area byelaw was now with Defra for confirmation. Once the signed byelaw was received Officers would be making enforcement plans to make fishermen aware of the new byelaw and to implement it as effectively as possible. The draft byelaw on the EMS work would be discussed in more detail under Agenda Item 13. A byelaw may be needed in the Cumbria area to protect sea birds at St. Bees Head, particularly a small population of black guillemots. A byelaw to restrict netting out to 1 km in that area was being considered. Officers were carrying out general work to bring netting byelaws into line across the whole District and there may be an opportunity for consultation on those byelaws in time for the next meeting.

Annual Plan. The NWIFCA draft Annual Plan for comment would be put on the Authority's website. The Plan was a requirement from Defra. Priorities were adjusted this year to take account of the EMS work that Defra required IFCA's to do. Mr Graham suggested on page 3 of the Plan under Commercial Fishing Activities the reference to beam trawling should read otter trawling and this was agreed.

AIFCA. Dr Atkins reported on the AIFCA meeting held on 14 March. Discussion had centred around the EMS work and how IFCA's could incorporate that into their Annual Plans. Other items included implementation of a new communication strategy and the new AIFCA website. A work programme for the Chief Officer was approved. As part of the EMS work Defra had made funds available to IFCA's for the purchase of new survey equipment to collect data to inform MPA. NWIFCA's bid for £40,000 had been approved. Officers were in the process of purchasing survey equipment including multi beamed sonar, underwater cameras, computer and software.

Boughton Estate Claim of private fishery rights in Morecambe Bay. Dr Atkins said he understood Boughton Estate were pleased with the progress being made with the Morecambe Bay Fishery Order and were happy to be included as long as their land rights within the Order were protected. Mr H Benson from the public asked what the Order involved and the time-scale for its introduction. Ms Knott said it would be a licensed fishery for cockles and mussels within a regulated area with provision for Several areas for aquaculture development which would be done on an individual operator basis. Ms Knott suggested that the question about the time-scale for introduction of the Order would be best dealt with in the Science Report.

RESOLVED

1. The report be received.

158 SCIENCE REPORT (Agenda Item 11)

Ms Knott reported that surveys had been carried out at Foulnaze in March and Officers had considered options for opening the fishery. Permit holders had been consulted by questionnaire and responses were provided in the report. Following that consultation Officers made the decision to leave the fishery closed to allow the cockles to spawn.

Natural England had not accepted Officers' Habitats Regulations Assessment of no likely significant effect on the oystercatcher population and discussion would continue with NE.

Mr Woods queried the statement that bird populations in the Ribble were partly dependent on cockles. NE estimate of cockle required for the birds was far greater than all the cockle on the Southport beds even if they all survived. Mr Lumb said for the Ribble Estuary and Foulnaze in particular it was proving challenging to work out what was needed to provide necessary safeguards for the bird interests. Ms Knott pointed out Officers had needed information on bird requirements for the Habitats Regulations Assessment but that information had not come through in time for it to be included. Officers were working with NE and RSPB to improve that data exchange. Mr Lumb said NE needed to ensure that IFCA had given appropriate consideration to the need and opportunity to conserve the spawning environment. The Chairman pointed out the IFCA had a duty to promote economic activity in concert with its conservation duties. Mr Benson (member of public) asked if information had been collected or collated about the exposure of the cockle bed in daylight hours when the birds could feed. Ms Knott said no specific work had been done on that.

Mr Woods raised a point on representation relating to Ms Reed's position with RSPB. Dr Atkins reminded Members all MMO representatives were appointed because of their experience and expertise and did not represent any particular organisation.

Other items in the report were shellfish hygiene classifications and South America seed mussel fishery where a survey was planned for 29 April

Sea Angling Project. The project, now ended, was useful in raising awareness of the level of sea angling carried out within the District.

Cockle Transplant Study. The study had been going well and a lot of work carried out but the Fisheries Challenge Fund administered by MMO to which the operators had submitted a bid had been withdrawn.

Sustainable Fisheries Review. NWIFCA sponsored student Ms Kochalski had put together a questionnaire to get the comments and views of stakeholders on sustainability of IFCA fisheries and Officers would look at progressing the review with her.

Project Inshore. Officers were awaiting publication of the Stage 2 report. Mr Graham asked Officers to explain concerns about reliability of estimates of inshore landings. Dr Atkins said he thought the concerns referred to fisheries within the District such as shellfisheries which were not subject to buyers and sellers regulations.

Morecambe Bay Fishery Order. Ms Knott said support had been sought from the MP David Morris and also the NE National Team. A draft Statutory Instrument had been received and a second draft was awaited. Once agreed the Order would go out to formal consultation. Boughton Estate would need to be consulted and the question of contracts between IFCA and operators of Several areas would need to be investigated.

Preesall underground gas storage. The announcement was made on 9 April that the project had not been approved for development. The Infrastructure Planning Commission had approved the development but the Secretary of State had said not enough data on seismic activity in the area had been provided. The operators have the options of a Judicial Review or to carry out a geological survey and renew the application at a later date.

Mr Crawford asked if the science team were aware of the Cumbria Fisheries Liaison Action Group based in Allerdale which had funding available for fisheries projects. An extension has been agreed to Millom but those who seek funding and MMO grants would need to have match funding. The last date for funding applications would be September. It was suggested that the Communications Officer could investigate that further.

## RESOLVED

The report be received.

### 159 MARINE CONSERVATION ZONES CONSULTATION RESPONSE (Agenda Item 12)

The Chief Executive reported that the MCZ consultation had now closed. Out of the original 127 sites proposed, 31 were put forward for consultation and the Government response is awaited. MCZ work has been overtaken by the EMS project which would require more work from IFCA's on existing MPAs. Officers do not have time or resources to develop MCZ regulations.

At the recent AIFCA meeting the Minister had stated his frustration that the debate over MCZ had been influenced by the 127 campaign. The Chairman said the Minister had made the point at the AIFCA meeting that the lobby to designate all 127 proposed sites had failed to recognise there were already other mechanisms in existence for protecting the marine area. The Minister felt that any decision to designate should be based on individual cases with sufficient evidence.

Councillor Glasman asked if the Natural England representative could confirm the proposed MCZ in the Mersey Narrows and whether NE had been in consultation with Piel Holdings regarding their stance on that. Mr Lumb stated that Mersey Narrows is a proposed SPA (not MCZ) and was already a SSSI. NE works with Piel Ports on a range of issues and the EA had also been carrying out work with them with regard to a management strategy for the area.

## RESOLVED

The report be received.

### 160 EUROPEAN MARINE SIZE MANAGEMENT AND MCZ (Agenda Item 13)

The Chief Executive presented the report and provided some background. Defra faced a legal challenge that they had not properly managed EMS and have revised the approach to management of fisheries in EMS. All activities on the sites needed to be re-assessed to make sure they were not damaging the features.

Scientific Officer, Ms Leabeater reminded Member that Robbie Fisher from Defra had been due to make a presentation at the cancelled 22 March meeting but he was unable to attend today's meeting. Ms Leadbeater reported on specific features within the District that needed the protection of byelaws. The approach set out was a risk prioritised phased one which coded all fishing activity and feature combinations into different colours depending on the priority. Red features were those where fishing activity would have an impact on feature regardless of intensity of activity. Amber was where fishing activity may have a detrimental impact on the feature but site specific information was required. Green areas were those where the features and fishing activity were unlikely to have an impact on the feature but some assessment would be required. Management measures for Red features needed to be in place by the end of 2013. A draft byelaw was given in the report and it was hoped to make that byelaw at the June meeting of the Authority. The byelaw would prohibit bottom towed gear in certain specified areas. Within the IFCA District 7 areas in 4 EMS were identified as Red gear/feature combinations. These were in the Solway Firth SAC, the Shell Flat and Lune Deep cSAC, Morecambe Bay SAC and Dee Estuary SAC. Officers were working with NE both regional and national to create definitive maps of the features in those areas.

Dr Atkins emphasised that the exclusion and restrictions would only relate to bottom towed fishing gear that could be damaging the feature. The byelaw should not create any socio-economic effects except perhaps the Lune Deep where some trawling took place.

Mr Graham raised an issue regarding bait digging in seagrass beds. The activity would be prohibited under the byelaw but as a reasonable income could be generated from digging worms it could create an enforcement problem for IFCA Officers. Ms Leadbeater informed Members that the local IFCO had said he was not aware of bait digging taking place in sea grass at the moment.

Senior IFCO, Mr Brown, pointed out there was a small part of the proposed Lune Deep site which the actual feature couldn't be towed over without substantial damage. Inshore vessels worked there and to prohibit the area would cost them about 5% of their earnings. He also mentioned an area in Heysham Lake which was raised ground and which was an intermittent area, sometimes covered by sand but not always there. It was felt that getting data on that site might be difficult and Dr Atkins suggested that the proposals for that area may not go ahead.

#### RESOLVED

1. The report be received.
2. Officers work on EMS as required by Defra be agreed as high priority in 2013-14.
3. The proposed byelaw to protect EMS features be submitted to the June meeting of the Authority to be made.
4. Members notify Officers of any stakeholders who should be consulted on the proposed byelaws.

#### 161 NATIONAL GRID PRESENTATION ON ROUTING OPTIONS THROUGH THE NWIFCA DISTRICT (Agenda Item 14)

The Chairman welcomed the representatives from National Grid who would be providing a presentation on National Grid's proposals for routing transmission connections to the North West Coast Energy Developments.

Ms Knott provided some background to the report. National Grid had been working with local authorities and other agencies to identify routing for a new connection from a power station to be developed at Moorside near Sellafield in Cumbria. IFCA Officers had raised concerns with National Grid around using Morecambe Bay as a routing area. Options currently being investigated included routing cables through the marine environment and it was important that the Authority should be engaged in the consultation process.

National Grid representative, Mr Powell, introduced the team who would be happy to answer Members' questions. He began by providing some background to the project. All members were familiar with pylons but there was other technology that NG could use. NG would continue to work with stakeholders such as IFCA and the public to make sure it identified the correct solution for connecting power stations and would then look at strategic options for routing and siting. The NG project looked at security of supply, sustainability and cost. Sustainability included the landscape and ecology as well as archaeology and people. 15% of all energy would need to come from low carbon sources by 2020 and electricity was easiest to convert to low carbon so a much higher percentage must come from that source by 2020. Electricity was generated from gas power stations, from coal, a limited amount from wind and other renewables such as solar power and hydro power, and then a band with nuclear generation. NG was based in the UK and it owned and operated the transmission system across Great Britain. The company was looking at options to provide new connection into the National Transmission System for the new Moorside power station. Options available included a new design of pylon, burying the cables underground, which would create a lot of disturbance of ecology and would be more expensive, a high voltage direct current (HVDC) cable buried in the sea bed or putting underground cables in tunnels. NG was at the outline routing stage with the project and a

further consultation would take place later in the year before proposals would be taken to the Planning Inspectorate who would then make recommendation to the Secretary of State.

Mr Powell outlined the options available for the project. Six options were considered, of which 3 had been rejected. The three options left which would be taken forward were firstly to stay on land and go around Duddon, south of Kendal and down to either Heysham or Quernmore, secondly because of the sensitivity of environment and landscaping to go down to the Furness Peninsula and across Morecambe Bay and the third option was to start at Sellafield, go out into the sea and then come back into the Lancashire area. Those three options would be consulted on again later in the year. NG had looked again at the marine restraints which were SPA, SACs, active transform bedforms, longitudinal bedforms, habitat reefs, MCZ and gas platforms. In putting cables under the sea there were real issues with maintenance.

Mrs Owen asked about rock covering for the cables. In Morecambe Bay work was continually ongoing to keep cables covered and fishermen were told of areas they were not allowed to fish. Morecambe Bay was notorious for moving sand and Mrs Owen wanted to make NG aware of the problems there. Mr Powell said that point would be taken on board and built on. He did not think surface laid cables would be appropriate but that a tunnel under Morecambe Bay would work and not damage the environment. It was recognised that the sea was a very busy, constrained area of vital importance.

Concerns were raised about the effect of electromagnetic field activity on the fish if the cables were laid underwater and whether any definitive testing would be done before NG went ahead with the project. Members were informed there was no electric field with DC cable. There would be a magnetic field but no electric field. The deeper the cable was laid the less effect there would be on the surface. The amount of electricity created within a fish was no different to the electricity it created under the normal magnetism of earth's magnetic field. With respect to testing, Scottish National Heritage had carried out a major survey on migrating fish but it would be very difficult to carry out further testing. Ms Knott reiterated the point she had made in the consultation response that there was very important shellfish in the area and there was larvae in the water column as well. She could not find any work done on electromagnetic fields on larval behaviour. Larvae are known to be affected by a number of factors and are bound to be affected by magnetism as well. Members were assured the point about magnetism and electricity on fish was an important one and would also be addressed in the report

Ms Reed suggested it would be useful to have an understanding of the level of maintenance required for the different types of cabling, how often it would need to be carried out, whether there were any restrictions on fishing and other impacts. NG response to the long term environmental impact of maintenance was very difficult. The point would be taken on board and put in the report for consultation. Mr Woods raised a query about the Morecambe Bay Fishery Order and whether NG would compensate licence holders if they were to lose their earnings capacity if they were not able to fish the area due to NG maintenance work. NG said it worked with NFFO when cables were put in. NG was not looking to put cables across Morecambe Bay.

Mr Graham asked the NG representatives if they could provide Members with a copy of the presentation and that was agreed.

The Chairman then brought the discussion to a close and thanked the National Grid representatives for their presentation.

## RESOLVED

1. The report be received.

1. Proposed new sea wall at Rossall

Ms Knott informed Members of work being carried out along the coast from Blackpool and north to re-construct and regenerate sea defences. There were two issues of concern over the section of sea defences at Rossall. The first one was over the use of limestone in the construction which may potentially affect mussel beds. At Rossall there were designated shellfish harvesting areas. It was not known where the broodstock for the rest of Morecambe Bay came from but if that broodstock was affected it could affect all other mussels beds in the Bay. It was not known if the Rossall sea defences would need a marine licence but no marine licence would be required if the work was classed as maintenance of existing sea defences. The second issue was loss of access to the beach for recreational anglers and others including those of limited mobility. Wyre had agreed to meet with Officers to discuss the proposals.

The Chairman said she had written to the Environment Agency's North West Regional Director and Chairman of the Flood and Coastal Committee about the matter but had not yet had any response.

Members agreed that the flood defences were needed at Rossall but that Wyre should be asked to look at a better design for them, also that good access to the beach for recreational anglers and others should be maintained.

There being no further business the Chairman thanked Members for attending and declared the meeting closed at 1350 hours.