

```

ticket150. 1      (binding deprecated, see Section 15.2) }
2
ticket150. 3      {void Win::Set_attr(int win_keyval, const void* attribute_val) (binding
ticket150. 4      deprecated, see Section 15.2) }
5
ticket150. 6      {void Comm::Set_name(const char* comm_name) (binding deprecated, see
ticket150. 7      Section 15.2) }
8
ticket150. 9      {void Datatype::Set_name(const char* type_name) (binding deprecated, see
ticket150. 10     Section 15.2) }
11
ticket150. 12     {void Win::Set_name(const char* win_name) (binding deprecated, see Section 15.2)
ticket150. 13     }
14
ticket150. 15     {Intercomm Intercomm::Split(int color, int key) const (binding deprecated,
ticket150. 16     see Section 15.2) }
17
ticket150. 18     {static void Group::Translate_ranks (const Group& group1, int n,
ticket150. 19     const int ranks1[], const Group& group2, int ranks2[]) (binding
20     deprecated, see Section 15.2) }
21
ticket150. 22     {static Group Group::Union(const Group& group1, const Group& group2)
ticket150. 23     (binding deprecated, see Section 15.2) }
24
25     };
26

```

A.4.5 Process Topologies C++ Bindings

```

27 namespace MPI {
28
29
30     {void Compute_dims(int nnodes, int ndims, int dims[]) (binding deprecated,
31     see Section 15.2) }
32
33     {Cartcomm Intracomm::Create_cart(int ndims, const int dims[],
34     const bool periods[], bool reorder) const (binding deprecated, see
35     Section 15.2) }
36
37     {Graphcomm Intracomm::Create_graph(int nnodes, const int index[],
38     const int edges[], bool reorder) const (binding deprecated, see
39     Section 15.2) }
40
41     {Distgraphcomm Intracomm::Dist_graph_create(int n, const int sources[],
42     const int degrees[], const int destinations[],
43     const int weights[], const Info& info, bool reorder) const
44     (binding deprecated, see Section 15.2) }
45
46     {Distgraphcomm Intracomm::Dist_graph_create(int n, const int sources[],
47     const int degrees[], const int destinations[],
48     const Info& info, bool reorder) const (binding deprecated, see

```

```

ticket150. {Distgraphcomm Intracomm::Dist_graph_create_adjacent(int indegree,
    const int sources[], const int sourceweights[], int outdegree,
    const int destinations[], const int destweights[],
    const Info& info, bool reorder) const (binding deprecated, see
    Section 15.2) }

{Distgraphcomm Intracomm::Dist_graph_create_adjacent(int indegree,
    const int sources[], int outdegree, const int destinations[],
    const Info& info, bool reorder) const (binding deprecated, see
    Section 15.2) }

{int Cartcomm::Get_cart_rank(const int coords[]) const (binding deprecated,
    see Section 15.2) }

{void Cartcomm::Get_coords(int rank, int maxdims, int coords[]) const
    (binding deprecated, see Section 15.2) }

{int Cartcomm::Get_dim() const (binding deprecated, see Section 15.2) }

{void Graphcomm::Get_dims(int nnodes[], int nedges[]) const (binding
    deprecated, see Section 15.2) }

{void Distgraphcomm::Get_dist_neighbors(int maxindegree, int sources[],
    int sourceweights[], int maxoutdegree, int destinations[],
    int destweights[]) (binding deprecated, see Section 15.2) }

{void Distgraphcomm::Get_dist_neighbors_count(int rank, int indegree[],
    int outdegree[], bool& weighted) const (binding deprecated, see
    Section 15.2) }

{void Graphcomm::Get_neighbors(int rank, int maxneighbors, int
    neighbors[]) const (binding deprecated, see Section 15.2) }

{int Graphcomm::Get_neighbors_count(int rank) const (binding deprecated, see
    Section 15.2) }

{void Cartcomm::Get_topo(int maxdims, int dims[], bool periods[],
    int coords[]) const (binding deprecated, see Section 15.2) }

{void Graphcomm::Get_topo(int maxindex, int maxedges, int index[],
    int edges[]) const (binding deprecated, see Section 15.2) }

{int Comm::Get_topology() const (binding deprecated, see Section 15.2) }

{int Cartcomm::Map(int ndims, const int dims[], const bool periods[])
    const (binding deprecated, see Section 15.2) }

{int Graphcomm::Map(int nnodes, const int index[], const int edges[])
    const (binding deprecated, see Section 15.2) }

{void Cartcomm::Shift(int direction, int disp, int& rank_source,
    int& rank_dest) const (binding deprecated, see Section 15.2) }

{Cartcomm Cartcomm::Sub(const bool remain_dims[]) const (binding deprecated,
    see Section 15.2) }

```